



# **Synergy Resources Corporation**

**SEC 12-13 T6N R66W  
Falken 9-11 PAD  
Falken 16C-9-L**

**OH  
Plan #1**

## **Anticollision Report**

**25 April, 2017**



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Reference	Plan #1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.00 ft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.45 Sigma	Casing Method:	Not applied

Survey Tool Program		Date	4/24/2017		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.00	19,045.98	Plan #1 (OH)	MWD+IFR1	OWSG MWD + IFR1	

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Falken 9-11 PAD						
146 COMPANY #14-1 - OH - OH	12,605.08	7,209.28	2,807.10	2,397.09	6.846	CC
146 COMPANY #14-1 - OH - OH	12,700.00	7,209.48	2,808.71	2,396.21	6.809	ES
146 COMPANY #14-1 - OH - OH	13,000.00	7,210.12	2,834.75	2,415.59	6.763	SF
ANDERSON #1-10-6-66(PA) - OH - OH	14,048.84	7,250.36	120.70	-331.15	0.267	Level 1, CC, ES, SF
ANDERSON #32-10(PR) - OH - OH	15,402.46	7,308.76	2,515.76	2,023.73	5.113	CC
ANDERSON #32-10(PR) - OH - OH	15,500.00	7,308.55	2,517.66	2,022.97	5.089	ES
ANDERSON #32-10(PR) - OH - OH	15,700.00	7,308.13	2,533.30	2,034.33	5.077	SF
ANDERSON #42-10(PR) - OH - OH	14,060.37	7,278.38	2,315.51	1,862.36	5.110	CC
ANDERSON #42-10(PR) - OH - OH	14,100.00	7,278.46	2,315.85	1,861.58	5.098	ES
ANDERSON #42-10(PR) - OH - OH	14,300.00	7,278.89	2,327.88	1,868.84	5.071	SF
ANDERSON/JANUARY #1(PR) - OH - OH	12,714.40	7,268.51	1,103.62	688.49	2.659	CC, ES
ANDERSON/JANUARY #1(PR) - OH - OH	12,800.00	7,268.70	1,106.93	689.72	2.653	SF
BLACK GOLD #5(PR) - OH - OH	17,323.34	7,287.33	598.95	53.28	1.098	Level 2, CC, ES, SF
BLACK GOLD PETROLEUM #1(PR) - OH - OH	18,051.54	7,269.88	183.26	-382.46	0.324	Level 1, CC, ES, SF
BLACK GOLD PETROLEUM #2(SI) - OH - OH	18,083.74	7,276.90	1,157.44	811.82	3.349	CC
BLACK GOLD PETROLEUM #2(SI) - OH - OH	18,100.00	7,277.01	1,157.55	811.48	3.345	ES, SF
BLACK GOLD #3(PA) - OH - OH	16,892.94	7,268.41	189.58	-343.23	0.356	Level 1, CC, ES, SF
CARLSON #10-1(PA) - OH - OH	16,762.88	7,280.14	2,509.63	1,980.10	4.739	CC
CARLSON #10-1(PA) - OH - OH	16,800.00	7,280.22	2,509.90	1,979.32	4.730	ES
CARLSON #10-1(PA) - OH - OH	17,000.00	7,280.64	2,520.80	1,985.60	4.710	SF
CARLSON #14-1(PR) - OH - OH	9,000.99	7,286.13	1,747.71	1,652.58	18.373	CC, ES
CARLSON #14-1(PR) - OH - OH	9,500.00	7,299.29	1,817.50	1,713.44	17.465	SF
CARLSON #14-2(SI) - OH - OH	10,111.52	7,200.03	2,808.79	2,467.06	8.219	CC
CARLSON #14-2(SI) - OH - OH	10,200.00	7,200.16	2,810.18	2,466.25	8.171	ES
CARLSON #14-2(SI) - OH - OH	10,600.00	7,201.01	2,850.95	2,498.05	8.079	SF
Fagerberg 11C-7-M - OH - OH	2,704.85	2,670.15	48.72	23.70	1.948	CC, ES, SF
Fagerberg 11N-7A-M - OH - OH	2,428.76	2,386.27	69.25	46.10	2.992	CC, ES, SF
Fagerberg 15N-7A-M - OH - OH	2,227.08	2,096.37	552.42	532.14	27.241	CC
Fagerberg 15N-7A-M - OH - OH	2,400.00	2,267.45	553.42	531.53	25.284	ES
Fagerberg 15N-7A-M - OH - OH	7,350.00	7,303.26	766.68	695.72	10.805	SF
Fagerberg 23N-7C-M - OH - OH	7,415.92	7,493.21	105.87	35.23	1.499	Level 3, CC, ES, SF
Fagerberg 25N(S)-7B-M - OH - OH	2,510.53	2,480.07	67.29	43.41	2.817	CC, ES, SF
Fagerberg 25N-7B-M - OH - OH	2,081.81	2,076.68	193.07	172.31	9.303	CC, ES
Fagerberg 25N-7B-M - OH - OH	2,100.00	2,092.61	193.27	172.34	9.234	SF
Fagerberg 25N-7C-M - OH - OH	2,240.61	2,224.47	139.98	118.46	6.504	CC, ES

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
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<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

## Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance		Separation Factor	Warning
			Between Centres (ft)	Between Ellipses (ft)		
Falken 9-11 PAD						
Fagerberg 25N-7C-M - OH - OH	2,300.00	2,275.03	143.05	121.02	6.492 SF	
Fagerberg 28N-18B-M - OH - OH	1,146.40	943.23	862.39	851.38	78.306 CC, ES	
Fagerberg 28N-18B-M - OH - OH	8,100.00	7,224.00	1,239.73	1,161.53	15.854 SF	
Fagerberg 36C-7-M - OH - OH	1,310.19	1,124.08	805.68	793.79	67.759 CC	
Fagerberg 36C-7-M - OH - OH	7,614.21	7,420.52	864.71	792.85	12.034 ES	
Fagerberg 36C-7-M - OH - OH	7,750.00	7,342.37	871.29	798.42	11.956 SF	
Fagerberg 36N-7B-M - OH - OH	7,434.32	7,475.14	541.56	470.19	7.588 CC, ES, SF	
Fagerberg 3C-18-M - OH - OH	1,670.65	1,500.59	726.83	712.20	49.670 CC	
Fagerberg 3C-18-M - OH - OH	1,700.00	1,526.17	726.94	712.05	48.829 ES	
Fagerberg 3C-18-M - OH - OH	8,400.00	6,981.00	1,650.84	1,568.06	19.942 SF	
Fagerberg 6C-7-M - OH - OH	2,976.36	2,912.02	95.81	68.35	3.488 CC, ES	
Fagerberg 6C-7-M - OH - OH	3,000.00	2,933.09	96.44	68.73	3.480 SF	
Fagerberg 6N-7C-M - OH - OH	2,895.39	2,823.41	115.55	89.03	4.358 CC	
Fagerberg 6N-7C-M - OH - OH	2,900.00	2,827.27	115.57	89.01	4.351 ES, SF	
Falken 16N-9B-L - OH - Plan #1	200.00	200.00	14.94	8.26	2.238 CC	
Falken 16N-9B-L - OH - Plan #1	19,046.19	18,916.98	362.76	-265.46	0.577 Level 1, ES, SF	
Falken 30C-14-S - OH - Plan #1	200.00	200.00	75.05	68.37	11.244 CC, ES	
Falken 30C-14-S - OH - Plan #1	13,400.00	13,555.88	1,144.41	781.92	3.157 SF	
Falken 30N-14B-S - OH - Plan #1	200.00	200.00	60.11	53.44	9.007 CC, ES	
Falken 30N-14B-S - OH - Plan #1	13,358.28	13,375.73	946.18	585.40	2.623 SF	
Falken 31C-14-S - Plan #1 - Plan #1	300.00	300.00	135.16	128.27	19.618 CC, ES	
Falken 31C-14-S - Plan #1 - Plan #1	13,100.00	13,480.77	2,041.15	1,698.07	5.950 SF	
Falken 31N-14B-S - OH - Plan #1	300.00	300.00	120.22	113.33	17.450 CC, ES	
Falken 31N-14B-S - OH - Plan #1	13,100.00	13,256.62	1,836.55	1,493.65	5.356 SF	
Falken 32C-9-L - OH - Plan #1	200.00	200.00	119.86	113.18	17.959 CC, ES	
Falken 32C-9-L - OH - Plan #1	19,046.19	19,030.84	1,747.95	1,063.81	2.555 SF	
Falken 32N-9B-L - OH - Plan #1	300.00	300.00	104.93	98.04	15.229 CC, ES	
Falken 32N-9B-L - OH - Plan #1	19,046.19	18,848.34	1,544.49	864.62	2.272 SF	
Falken 33C-9-L - OH - Plan #1	300.00	300.00	29.87	22.98	4.336 CC	
Falken 33C-9-L - OH - Plan #1	19,046.19	19,017.91	421.13	-263.11	0.615 Level 1, ES, SF	
Falken 33N-9A-L - OH - Plan #1	325.18	325.42	44.51	37.56	6.399 CC, ES	
Falken 33N-9A-L - OH - Plan #1	19,046.19	18,703.47	815.95	171.66	1.266 Level 3, SF	
Falken 33N-9B-L - OH - Plan #1	300.00	300.00	59.74	52.85	8.671 CC, ES	
Falken 33N-9B-L - OH - Plan #1	19,046.19	18,837.88	899.89	226.58	1.337 Level 3, SF	
Falken 33N-9C-L - OH - Plan #1	417.69	417.97	13.36	6.10	1.841 CC	
Falken 33N-9C-L - OH - Plan #1	19,046.19	18,921.08	244.68	-377.11	0.394 Level 1, ES, SF	
Falken 34C-9-L - OH - Plan #1	300.00	300.00	30.24	23.35	4.389 CC	
Falken 34C-9-L - OH - Plan #1	19,044.13	19,119.91	410.95	-273.11	0.601 Level 1, ES, SF	
Falken 34N-9C-L - OH - Plan #1	200.00	200.00	45.17	38.50	6.768 CC	
Falken 34N-9C-L - OH - Plan #1	19,046.19	19,016.61	621.33	-54.19	0.920 Level 1, ES, SF	
Falken 4N-14A-S - OH - Plan #1	300.00	300.00	89.99	83.10	13.061 CC, ES	
Falken 4N-14A-S - OH - Plan #1	13,000.00	13,002.01	1,400.57	1,062.96	4.148 SF	
Falken 4N-14C-S - OH - Plan #1	200.00	200.00	104.92	98.25	15.721 CC, ES	
Falken 4N-14C-S - OH - Plan #1	13,000.00	13,210.89	1,601.57	1,260.17	4.691 SF	
Falken 9C-9-L - OH - Plan #1	223.48	223.48	75.06	68.34	11.178 CC	
Falken 9C-9-L - OH - Plan #1	300.00	299.96	75.07	68.19	10.900 ES	
Falken 9C-9-L - OH - Plan #1	19,046.19	19,025.91	1,018.51	333.95	1.488 Level 3, SF	
Falken 9N-9C-L - OH - Plan #1	200.00	200.00	89.99	83.31	13.483 CC, ES	
Falken 9N-9C-L - OH - Plan #1	19,046.19	18,906.26	1,322.43	640.29	1.939 SF	
GILLESPIE #11-1(PA) - OH - OH	300.00	304.00	2,286.30	2,273.40	177.243 CC	
GILLESPIE #11-1(PA) - OH - OH	10,100.00	7,235.94	2,489.51	2,146.78	7.264 ES	

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## Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance		Separation Factor	Warning
			Between Centres (ft)	Between Ellipses (ft)		
Falken 9-11 PAD						
GILLESPIE #11-1(PA) - OH - OH	10,400.00	7,236.58	2,515.48	2,165.40	7.185	SF
Harvesters Resources #15M-303(PR) - OH - OH	15,944.55	6,778.59	1,057.79	803.82	4.165	CC, ES
Harvesters Resources #15M-303(PR) - OH - OH	16,000.00	6,778.88	1,059.25	804.24	4.154	SF
Harvesters Resources #15M-423(PR) - OH - OH	15,611.20	6,836.70	1,018.43	767.30	4.055	CC, ES
Harvesters Resources #15M-423(PR) - OH - OH	15,700.00	6,837.56	1,022.29	769.67	4.047	SF
Harvesters Resources #15R-243(PR) - OH - OH	15,128.64	6,781.04	1,065.36	830.92	4.544	CC, ES
Harvesters Resources #15R-243(PR) - OH - OH	15,200.00	6,780.76	1,067.75	831.87	4.527	SF
Harvesters Resources #15R-323(PR) - OH - OH	14,451.38	6,800.00	1,043.65	826.24	4.800	CC, ES
Harvesters Resources #15R-323(PR) - OH - OH	14,500.00	6,800.00	1,044.79	826.45	4.785	SF
Harvesters Resources #15R-403(PR) - OH - OH	14,782.14	6,900.00	1,010.39	775.16	4.295	CC
Harvesters Resources #15R-403(PR) - OH - OH	14,800.00	6,900.00	1,010.55	774.94	4.289	ES, SF
Harvesters Resources #15U-203(PR) - OH - OH	13,576.20	6,749.27	1,084.00	892.24	5.653	CC
Harvesters Resources #15U-203(PR) - OH - OH	13,600.00	6,749.32	1,084.26	891.90	5.637	ES
Harvesters Resources #15U-203(PR) - OH - OH	13,700.00	6,749.50	1,091.05	896.99	5.622	SF
Harvesters Resources #15U-443(PR) - OH - OH	14,036.86	6,834.28	1,012.94	804.67	4.864	CC, ES
Harvesters Resources #15U-443(PR) - OH - OH	14,100.00	6,834.39	1,014.90	805.37	4.844	SF
J.R. #1(PA) - OH - OH	300.00	206.00	1,474.67	1,464.87	150.441	CC
J.R. #1(PA) - OH - OH	400.00	305.98	1,475.92	1,462.81	112.522	ES
J.R. #1(PA) - OH - OH	9,000.00	7,143.60	2,428.89	2,117.11	7.790	SF
Jeff #1 - OH - OH	11,418.17	7,219.00	1,304.81	1,146.72	8.253	CC, ES
Jeff #1 - OH - OH	11,600.00	7,219.86	1,317.42	1,155.84	8.153	SF
JOHNSON #1(PA) - OH - OH	10,066.90	7,246.04	32.97	-88.76	0.271	Level 1, CC, ES, SF
JOHNSON #11-16G6(TA) - OH - OH	9,085.17	7,218.78	182.03	-134.44	0.575	Level 1, CC, ES, SF
JOHNSON #2(PA) - OH - OH	100.00	79.81	471.93	465.36	71.834	CC, ES
JOHNSON #2(PA) - OH - OH	9,100.00	7,223.07	1,181.46	1,084.81	12.224	SF
KRISTY #1(PA) - OH - OH	12,660.35	7,224.61	1,328.85	1,136.39	6.905	CC
KRISTY #1(PA) - OH - OH	12,700.00	7,224.60	1,329.44	1,136.01	6.873	ES
KRISTY #1(PA) - OH - OH	12,800.00	7,224.59	1,336.17	1,140.91	6.843	SF
Merritt #6-66-9-0758CDH(PR) - OH - OH	19,046.19	11,722.16	499.34	346.93	3.276	CC, ES, SF
Merritt #6-66-9-0857CH(PR) - OH - OH	19,046.19	11,738.62	203.77	56.04	1.379	Level 3, CC, ES, SF
Merritt #6-66-9-0857BH(PR) - OH - OH	19,046.19	11,511.92	459.75	320.39	3.299	CC, ES, SF
MICHAEL I #14-2 - OH - OH	10,183.91	7,219.12	1,475.40	1,131.10	4.285	CC
MICHAEL I #14-2 - OH - OH	10,200.00	7,219.16	1,475.49	1,130.80	4.281	ES
MICHAEL I #14-2 - OH - OH	10,300.00	7,219.37	1,479.96	1,133.06	4.266	SF
Montera #10-33(PR) - OH - OH	15,253.94	7,267.92	1,379.04	892.62	2.835	CC
Montera #10-33(PR) - OH - OH	15,300.00	7,268.02	1,379.81	892.15	2.829	ES, SF
Montera #10-34(PR) - OH - OH	15,620.12	7,255.70	314.86	-181.48	0.634	Level 1, CC, ES, SF
Montera #10-43(SI) - OH - OH	13,918.33	7,258.08	1,254.97	806.52	2.798	CC, ES
Montera #10-43(SI) - OH - OH	14,000.00	7,258.25	1,257.63	807.15	2.792	SF
MONTERA I #11-11(PR) - OH - OH	11,574.65	7,259.09	1,068.14	684.90	2.787	CC
MONTERA I #11-11(PR) - OH - OH	11,600.00	7,259.14	1,068.44	684.48	2.783	ES, SF
MONTERA I #11-14(PR) - OH - OH	11,272.92	7,240.44	110.52	-263.81	0.295	Level 1, CC, ES, SF
MONTERA I #14-8 - OH - OH	8,578.82	7,214.70	3,004.62	2,699.78	9.856	CC
MONTERA I #14-8 - OH - OH	8,600.00	7,214.75	3,004.70	2,699.43	9.843	ES
MONTERA I #14-8 - OH - OH	9,200.00	7,216.03	3,068.16	2,750.76	9.667	SF
OPAL #1(PA) - OH - OH	12,722.43	7,285.53	2,484.39	2,068.46	5.973	CC
OPAL #1(PA) - OH - OH	12,800.00	7,285.70	2,485.60	2,067.51	5.945	ES
OPAL #1(PA) - OH - OH	13,000.00	7,286.12	2,499.85	2,076.93	5.911	SF
OTTOSON #2(PA) - OH - OH	7,518.83	7,204.02	2,712.89	2,644.72	39.798	CC
OTTOSON #2(PA) - OH - OH	7,550.00	7,215.45	2,713.17	2,644.72	39.635	ES
OTTOSON #2(PA) - OH - OH	8,800.00	7,248.31	3,065.78	2,981.62	36.428	SF

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<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

### Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
Falken 9-11 PAD						
OTTOSON #3(PR) - OH - OH	7,381.27	7,075.91	227.34	160.90	3.422	CC, ES, SF
OTTOSON I #12-12(PR) - OH - OH	3,494.33	3,376.52	702.30	669.85	21.641	CC
OTTOSON I #12-12(PR) - OH - OH	3,600.00	3,474.43	703.04	669.63	21.041	ES
OTTOSON I #12-12(PR) - OH - OH	7,600.00	7,183.75	1,082.03	1,012.13	15.479	SF
OTTOSON I #12-25(PR) - OH - OH	6,739.82	6,541.73	793.01	729.98	12.582	CC
OTTOSON I #12-25(PR) - OH - OH	6,750.00	6,551.79	793.08	729.96	12.565	ES
OTTOSON I #12-25(PR) - OH - OH	6,800.00	6,601.38	795.47	731.92	12.517	SF
POP I #14-17 - OH - OH	9,392.20	7,213.44	2,368.75	2,044.99	7.316	CC
POP I #14-17 - OH - OH	9,400.00	7,213.45	2,368.77	2,044.82	7.312	ES
POP I #14-17 - OH - OH	9,700.00	7,214.09	2,388.67	2,058.06	7.225	SF
SOUTH WOODS #10-3(PA) - OH - OH	16,702.88	7,250.01	1,266.99	740.22	2.405	CC, ES
SOUTH WOODS #10-3(PA) - OH - OH	16,800.00	7,250.22	1,270.71	741.83	2.403	SF
SOUTHARD #2(PR) - OH - OH	100.00	66.77	1,807.05	1,800.48	275.133	CC
SOUTHARD #2(PR) - OH - OH	400.00	370.42	1,807.28	1,800.12	252.671	ES
SOUTHARD #2(PR) - OH - OH	8,700.00	7,205.26	2,792.34	2,706.84	32.658	SF

Offset Design													Falken 9-11 PAD - 146 COMPANY #14-1 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
0.00	0.00	0.00	0.00	3.28	3.28	-131.68	-3,776.76	-4,241.92	5,679.71								
100.00	100.00	64.00	64.00	3.28	3.47	-131.68	-3,776.76	-4,241.92	5,679.60	5,672.85	6.75	841.454					
200.00	200.00	164.00	164.00	3.34	5.16	-131.68	-3,776.76	-4,241.92	5,679.60	5,671.10	8.49	668.641					
300.00	300.00	264.00	264.00	3.44	8.16	-131.68	-3,776.76	-4,241.92	5,679.60	5,667.99	11.60	489.453					
400.00	399.98	363.98	363.98	3.60	11.44	103.33	-3,776.76	-4,241.92	5,680.00	5,664.96	15.04	377.698					
500.00	499.84	463.84	463.84	3.79	14.81	103.36	-3,776.76	-4,241.92	5,681.21	5,662.60	18.60	305.368					
600.00	599.45	563.45	563.45	4.03	18.22	103.40	-3,776.76	-4,241.92	5,683.23	5,660.99	22.25	255.464					
700.00	698.70	662.70	662.70	4.30	21.64	103.47	-3,776.76	-4,241.92	5,686.08	5,660.15	25.94	219.225					
800.00	797.47	761.47	761.47	4.61	25.05	103.55	-3,776.76	-4,241.92	5,689.78	5,660.12	29.66	191.836					
900.00	895.62	859.62	859.62	4.95	28.45	103.64	-3,776.76	-4,241.92	5,694.35	5,660.94	33.40	170.469					
1,000.00	993.06	957.06	957.06	5.33	31.83	103.75	-3,776.76	-4,241.92	5,699.80	5,662.64	37.16	153.374					
1,100.00	1,090.08	1,054.08	1,054.08	5.74	35.21	103.98	-3,776.76	-4,241.92	5,705.77	5,664.83	40.94	139.366					
1,200.00	1,187.11	1,151.11	1,151.11	6.17	38.58	104.21	-3,776.76	-4,241.92	5,711.83	5,667.08	44.74	127.661					
1,300.00	1,284.14	1,248.14	1,248.14	6.61	41.96	104.44	-3,776.76	-4,241.92	5,717.98	5,669.42	48.56	117.745					
1,400.00	1,381.17	1,345.17	1,345.17	7.07	45.33	104.66	-3,776.76	-4,241.92	5,724.23	5,671.83	52.40	109.245					
1,500.00	1,478.20	1,442.20	1,442.20	7.55	48.71	104.89	-3,776.76	-4,241.92	5,730.58	5,674.33	56.25	101.884					
1,600.00	1,575.23	1,539.23	1,539.23	8.03	52.09	105.12	-3,776.76	-4,241.92	5,737.02	5,676.92	60.10	95.451					
1,700.00	1,672.26	1,636.26	1,636.26	8.52	55.47	105.34	-3,776.76	-4,241.92	5,743.56	5,679.59	63.97	89.784					
1,800.00	1,769.29	1,733.29	1,733.29	9.01	58.86	105.57	-3,776.76	-4,241.92	5,750.19	5,682.34	67.84	84.756					
1,900.00	1,866.32	1,830.32	1,830.32	9.51	62.24	105.80	-3,776.76	-4,241.92	5,756.91	5,685.19	71.72	80.265					
2,000.00	1,963.35	1,927.35	1,927.35	10.02	65.62	106.02	-3,776.76	-4,241.92	5,763.73	5,688.12	75.61	76.232					
2,100.00	2,060.38	2,024.38	2,024.38	10.53	69.00	106.25	-3,776.76	-4,241.92	5,770.64	5,691.15	79.50	72.590					
2,200.00	2,157.41	2,121.41	2,121.41	11.04	72.39	106.47	-3,776.76	-4,241.92	5,777.65	5,694.26	83.39	69.286					
2,300.00	2,254.44	2,218.44	2,218.44	11.56	75.77	106.69	-3,776.76	-4,241.92	5,784.74	5,697.46	87.28	66.276					
2,400.00	2,351.47	2,315.47	2,315.47	12.07	79.16	106.92	-3,776.76	-4,241.92	5,791.93	5,700.75	91.18	63.522					
2,500.00	2,448.50	2,412.50	2,412.50	12.59	82.54	107.14	-3,776.76	-4,241.92	5,799.21	5,704.13	95.08	60.993					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - 146 COMPANY #14-1 - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
2,600.00	2,545.53	2,509.53	2,509.53	13.12	85.92	107.36	-3,776.76	-4,241.92	5,806.59	5,707.61	98.98	58.663			
2,700.00	2,642.56	2,606.56	2,606.56	13.64	89.31	107.58	-3,776.76	-4,241.92	5,814.05	5,711.17	102.89	56.510			
2,800.00	2,739.59	2,703.59	2,703.59	14.17	92.69	107.80	-3,776.76	-4,241.92	5,821.61	5,714.82	106.79	54.514			
2,900.00	2,836.62	2,800.62	2,800.62	14.69	96.08	108.02	-3,776.76	-4,241.92	5,829.25	5,718.56	110.70	52.660			
3,000.00	2,933.65	2,902.35	2,897.65	15.22	99.63	108.24	-3,776.76	-4,241.92	5,836.99	5,722.22	114.77	50.859			
3,100.00	3,030.68	3,005.32	2,994.68	15.75	103.22	108.46	-3,776.76	-4,241.92	5,844.82	5,725.93	118.88	49.164			
3,200.00	3,127.71	3,108.29	3,091.71	16.28	106.82	108.68	-3,776.76	-4,241.92	5,852.73	5,729.73	123.00	47.583			
3,300.00	3,224.74	3,188.74	3,188.74	16.82	109.62	108.90	-3,776.76	-4,241.92	5,860.74	5,734.41	126.33	46.392			
3,400.00	3,321.76	3,285.76	3,285.76	17.35	113.01	109.12	-3,776.76	-4,241.92	5,868.83	5,738.59	130.24	45.061			
3,500.00	3,418.79	3,382.79	3,382.79	17.88	116.39	109.33	-3,776.76	-4,241.92	5,877.01	5,742.86	134.15	43.808			
3,600.00	3,515.82	3,479.82	3,479.82	18.42	119.78	109.55	-3,776.76	-4,241.92	5,885.28	5,747.22	138.06	42.627			
3,700.00	3,612.85	3,576.85	3,576.85	18.95	123.17	109.77	-3,776.76	-4,241.92	5,893.64	5,751.67	141.98	41.512			
3,800.00	3,709.88	3,673.88	3,673.88	19.49	126.55	109.98	-3,776.76	-4,241.92	5,902.09	5,756.20	145.89	40.456			
3,900.00	3,806.91	3,770.91	3,770.91	20.02	129.94	110.20	-3,776.76	-4,241.92	5,910.62	5,760.82	149.80	39.457			
4,000.00	3,903.94	3,867.94	3,867.94	20.56	133.32	110.41	-3,776.76	-4,241.92	5,919.24	5,765.52	153.71	38.508			
4,100.00	4,000.97	3,964.97	3,964.97	21.09	136.71	110.62	-3,776.76	-4,241.92	5,927.94	5,770.32	157.63	37.608			
4,200.00	4,098.00	4,062.00	4,062.00	21.63	140.10	110.84	-3,776.76	-4,241.92	5,936.73	5,775.19	161.54	36.751			
4,300.00	4,195.03	4,159.03	4,159.03	22.17	143.48	111.05	-3,776.76	-4,241.92	5,945.61	5,780.16	165.45	35.935			
4,400.00	4,292.06	4,256.06	4,256.06	22.71	146.87	111.26	-3,776.76	-4,241.92	5,954.57	5,785.21	169.37	35.158			
4,500.00	4,389.09	4,353.09	4,353.09	23.25	150.26	111.47	-3,776.76	-4,241.92	5,963.62	5,790.34	173.28	34.416			
4,600.00	4,486.12	4,450.12	4,450.12	23.78	153.64	111.68	-3,776.76	-4,241.92	5,972.75	5,795.56	177.19	33.708			
4,700.00	4,583.15	4,547.15	4,547.15	24.32	157.03	111.89	-3,776.76	-4,241.92	5,981.96	5,800.86	181.11	33.030			
4,800.00	4,680.18	4,644.18	4,644.18	24.86	160.42	112.10	-3,776.76	-4,241.92	5,991.26	5,806.24	185.02	32.382			
4,900.00	4,777.21	4,741.21	4,741.21	25.40	163.80	112.31	-3,776.76	-4,241.92	6,000.64	5,811.71	188.93	31.761			
5,000.00	4,874.24	4,838.24	4,838.24	25.94	167.19	112.52	-3,776.76	-4,241.92	6,010.10	5,817.26	192.85	31.165			
5,100.00	4,971.27	4,935.27	4,935.27	26.48	170.58	112.72	-3,776.76	-4,241.92	6,019.65	5,822.89	196.76	30.594			
5,200.00	5,068.30	5,032.30	5,032.30	27.02	173.96	112.93	-3,776.76	-4,241.92	6,029.28	5,828.61	200.67	30.046			
5,300.00	5,165.33	5,129.33	5,129.33	27.56	177.35	113.14	-3,776.76	-4,241.92	6,038.99	5,834.40	204.58	29.518			
5,400.00	5,262.36	5,226.36	5,226.36	28.10	180.74	113.34	-3,776.76	-4,241.92	6,048.78	5,840.28	208.50	29.011			
5,500.00	5,359.39	5,323.39	5,323.39	28.64	184.12	113.55	-3,776.76	-4,241.92	6,058.65	5,846.24	212.41	28.523			
5,600.00	5,456.42	5,420.42	5,420.42	29.18	187.51	113.75	-3,776.76	-4,241.92	6,068.60	5,852.28	216.32	28.054			
5,700.00	5,553.45	5,517.45	5,517.45	29.72	190.90	113.95	-3,776.76	-4,241.92	6,078.63	5,858.40	220.23	27.601			
5,800.00	5,650.47	5,614.47	5,614.47	30.27	194.28	114.16	-3,776.76	-4,241.92	6,088.75	5,864.60	224.15	27.164			
5,900.00	5,747.50	5,711.50	5,711.50	30.81	197.67	114.36	-3,776.76	-4,241.92	6,098.94	5,870.88	228.06	26.743			
6,000.00	5,844.53	5,808.53	5,808.53	31.35	201.06	114.56	-3,776.76	-4,241.92	6,109.21	5,877.24	231.97	26.336			
6,100.00	5,941.56	5,905.56	5,905.56	31.89	204.44	114.76	-3,776.76	-4,241.92	6,119.55	5,883.67	235.88	25.943			
6,200.00	6,038.59	6,002.59	6,002.59	32.43	207.83	114.96	-3,776.76	-4,241.92	6,129.98	5,890.19	239.79	25.564			
6,300.00	6,135.62	6,100.38	6,099.62	32.97	211.24	115.16	-3,776.76	-4,241.92	6,140.48	5,896.75	243.73	25.194			
6,400.00	6,232.65	6,203.35	6,196.65	33.51	214.84	115.36	-3,776.76	-4,241.92	6,151.06	5,903.22	247.85	24.818			
6,500.00	6,329.68	6,306.32	6,293.68	34.06	218.43	115.56	-3,776.76	-4,241.92	6,161.72	5,909.75	251.97	24.455			
6,600.00	6,426.71	6,409.29	6,390.71	34.60	222.03	115.76	-3,776.76	-4,241.92	6,172.45	5,916.37	256.08	24.103			
6,655.36	6,480.43	6,444.43	6,444.43	34.90	223.25	115.87	-3,776.76	-4,241.92	6,178.43	5,920.83	257.60	23.985			
6,700.00	6,524.01	6,488.01	6,488.01	35.13	224.78	115.90	-3,776.76	-4,241.92	6,181.89	5,922.54	259.34	23.837			
6,750.00	6,573.29	6,537.29	6,537.29	35.36	226.50	115.99	-3,776.76	-4,241.92	6,182.49	5,921.20	261.29	23.661			
6,800.00	6,622.76	6,586.76	6,586.76	35.56	228.22	116.08	-3,776.76	-4,241.92	6,179.63	5,916.41	263.22	23.477			
6,850.00	6,672.13	6,636.13	6,636.13	35.73	229.95	116.16	-3,776.76	-4,241.92	6,173.31	5,908.20	265.11	23.286			
6,900.00	6,721.08	6,685.08	6,685.08	35.88	231.65	116.24	-3,776.76	-4,241.92	6,163.58	5,896.61	266.97	23.087			
6,950.00	6,769.31	6,733.31	6,733.31	36.03	233.34	116.32	-3,776.76	-4,241.92	6,150.49	5,881.70	268.79	22.882			
7,000.00	6,816.53	6,780.53	6,780.53	36.18	234.99	116.40	-3,776.76	-4,241.92	6,134.11	5,863.55	270.56	22.672			
7,050.00	6,862.44	6,826.44	6,826.44	36.34	236.59	116.48	-3,776.76	-4,241.92	6,114.56	5,842.27	272.29	22.456			
7,100.00	6,906.77	6,870.77	6,870.77	36.50	238.14	116.56	-3,776.76	-4,241.92	6,091.95	5,818.00	273.95	22.238			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - 146 COMPANY #14-1 - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
7,150.00	6,949.23	6,913.23	6,913.23	36.68	239.62	-18.73	-3,776.76	-4,241.92	6,066.43	5,790.88	275.54	22.016			
7,200.00	6,989.58	6,953.58	6,953.58	36.87	241.03	-22.06	-3,776.76	-4,241.92	6,038.15	5,761.09	277.07	21.793			
7,250.00	7,027.55	7,008.45	6,991.55	37.09	242.94	-25.43	-3,776.76	-4,241.92	6,007.32	5,728.22	279.09	21.524			
7,300.00	7,062.91	7,026.91	7,026.91	37.32	243.59	-29.00	-3,776.76	-4,241.92	5,974.11	5,694.26	279.86	21.347			
7,350.00	7,095.45	7,059.45	7,059.45	37.59	244.72	-32.90	-3,776.76	-4,241.92	5,938.76	5,657.64	281.11	21.126			
7,400.00	7,124.97	7,088.97	7,088.97	37.88	245.75	-37.25	-3,776.76	-4,241.92	5,901.48	5,619.21	282.27	20.907			
7,450.00	7,151.28	7,115.28	7,115.28	38.21	246.67	-42.19	-3,776.76	-4,241.92	5,862.52	5,579.19	283.32	20.692			
7,500.00	7,174.22	7,138.22	7,138.22	38.58	247.47	-47.81	-3,776.76	-4,241.92	5,822.13	5,537.86	284.27	20.481			
7,550.00	7,193.65	7,157.65	7,157.65	38.98	248.15	-54.16	-3,776.76	-4,241.92	5,780.58	5,495.48	285.10	20.275			
7,600.00	7,209.45	7,173.45	7,173.45	39.43	248.70	-61.24	-3,776.76	-4,241.92	5,738.14	5,452.31	285.82	20.076			
7,650.00	7,221.52	7,185.52	7,185.52	39.91	249.12	-68.92	-3,776.76	-4,241.92	5,695.07	5,408.65	286.43	19.883			
7,700.00	7,229.79	7,206.21	7,193.79	40.42	249.85	-76.96	-3,776.76	-4,241.92	5,651.67	5,364.32	287.35	19.669			
7,750.00	7,234.21	7,201.79	7,198.21	40.97	249.69	-85.02	-3,776.76	-4,241.92	5,608.20	5,320.80	287.40	19.513			
7,780.56	7,235.00	7,201.00	7,199.00	41.32	249.66	-89.79	-3,776.76	-4,241.92	5,581.73	5,294.22	287.51	19.414			
7,800.00	7,235.04	7,200.96	7,199.04	41.54	249.66	-89.79	-3,776.76	-4,241.92	5,564.93	5,277.34	287.60	19.350			
7,900.00	7,235.26	7,200.74	7,199.26	42.82	249.65	-89.80	-3,776.76	-4,241.92	5,478.82	5,190.72	288.10	19.017			
8,000.00	7,235.47	7,200.53	7,199.47	44.25	249.65	-89.80	-3,776.76	-4,241.92	5,393.19	5,104.51	288.68	18.682			
8,100.00	7,235.68	7,200.32	7,199.68	45.82	249.64	-89.80	-3,776.76	-4,241.92	5,308.06	5,018.72	289.34	18.346			
8,200.00	7,235.90	7,200.10	7,199.90	47.52	249.63	-89.81	-3,776.76	-4,241.92	5,223.45	4,933.37	290.08	18.007			
8,300.00	7,236.11	7,200.11	7,200.11	49.34	249.63	-89.81	-3,776.76	-4,241.92	5,139.40	4,848.48	290.92	17.666			
8,400.00	7,236.32	7,200.32	7,200.32	51.25	249.64	-89.82	-3,776.76	-4,241.92	5,055.93	4,764.07	291.86	17.323			
8,500.00	7,236.54	7,200.54	7,200.54	53.26	249.65	-89.82	-3,776.76	-4,241.92	4,973.07	4,680.17	292.90	16.979			
8,600.00	7,236.75	7,200.75	7,200.75	55.34	249.65	-89.83	-3,776.76	-4,241.92	4,890.85	4,596.82	294.03	16.634			
8,700.00	7,236.96	7,200.96	7,200.96	57.50	249.66	-89.83	-3,776.76	-4,241.92	4,809.30	4,514.04	295.26	16.288			
8,800.00	7,237.17	7,201.17	7,201.17	59.71	249.67	-89.83	-3,776.76	-4,241.92	4,728.46	4,431.88	296.59	15.943			
8,900.00	7,237.39	7,201.39	7,201.39	61.98	249.68	-89.84	-3,776.76	-4,241.92	4,648.37	4,350.35	298.02	15.597			
9,000.00	7,237.60	7,201.60	7,201.60	64.29	249.68	-89.84	-3,776.76	-4,241.92	4,569.07	4,269.51	299.56	15.253			
9,100.00	7,237.81	7,201.81	7,201.81	66.65	249.69	-89.85	-3,776.76	-4,241.92	4,490.58	4,189.38	301.20	14.909			
9,200.00	7,238.03	7,202.03	7,202.03	69.05	249.70	-89.85	-3,776.76	-4,241.92	4,412.97	4,110.02	302.96	14.566			
9,300.00	7,238.24	7,202.24	7,202.24	71.48	249.71	-89.86	-3,776.76	-4,241.92	4,336.28	4,031.46	304.82	14.226			
9,400.00	7,238.45	7,202.45	7,202.45	73.95	249.71	-89.86	-3,776.76	-4,241.92	4,260.55	3,953.77	306.79	13.888			
9,500.00	7,238.67	7,202.67	7,202.67	76.44	249.72	-89.87	-3,776.76	-4,241.92	4,185.84	3,876.98	308.87	13.552			
9,600.00	7,238.88	7,202.88	7,202.88	78.96	249.73	-89.87	-3,776.76	-4,241.92	4,112.21	3,801.15	311.06	13.220			
9,700.00	7,239.09	7,203.09	7,203.09	81.50	249.74	-89.87	-3,776.76	-4,241.92	4,039.71	3,726.35	313.36	12.891			
9,800.00	7,239.30	7,203.30	7,203.30	84.06	249.74	-89.88	-3,776.76	-4,241.92	3,968.41	3,652.63	315.78	12.567			
9,900.00	7,239.52	7,203.52	7,203.52	86.64	249.75	-89.88	-3,776.76	-4,241.92	3,898.36	3,580.05	318.31	12.247			
10,000.00	7,239.73	7,203.73	7,203.73	89.23	249.76	-89.89	-3,776.76	-4,241.92	3,829.65	3,508.70	320.95	11.932			
10,100.00	7,239.94	7,203.94	7,203.94	91.85	249.77	-89.89	-3,776.76	-4,241.92	3,762.34	3,438.64	323.70	11.623			
10,200.00	7,240.16	7,204.16	7,204.16	94.47	249.77	-89.90	-3,776.76	-4,241.92	3,696.51	3,369.94	326.57	11.319			
10,300.00	7,240.37	7,204.37	7,204.37	97.11	249.78	-89.90	-3,776.76	-4,241.92	3,632.24	3,302.70	329.54	11.022			
10,400.00	7,240.58	7,204.58	7,204.58	99.76	249.79	-89.90	-3,776.76	-4,241.92	3,569.62	3,237.00	332.62	10.732			
10,500.00	7,240.80	7,204.80	7,204.80	102.43	249.80	-89.91	-3,776.76	-4,241.92	3,508.73	3,172.93	335.80	10.449			
10,600.00	7,241.01	7,205.01	7,205.01	105.10	249.80	-89.91	-3,776.76	-4,241.92	3,449.66	3,110.58	339.08	10.174			
10,700.00	7,241.22	7,205.22	7,205.22	107.79	249.81	-89.92	-3,776.76	-4,241.92	3,392.51	3,050.06	342.45	9.907			
10,800.00	7,241.43	7,205.43	7,205.43	110.48	249.82	-89.92	-3,776.76	-4,241.92	3,337.38	2,991.47	345.91	9.648			
10,900.00	7,241.65	7,205.65	7,205.65	113.18	249.83	-89.93	-3,776.76	-4,241.92	3,284.37	2,934.92	349.46	9.398			
11,000.00	7,241.86	7,205.86	7,205.86	115.89	249.83	-89.93	-3,776.76	-4,241.92	3,233.59	2,880.51	353.08	9.158			
11,100.00	7,242.07	7,206.07	7,206.07	118.60	249.84	-89.93	-3,776.76	-4,241.92	3,185.13	2,828.38	356.76	8.928			
11,200.00	7,242.29	7,206.29	7,206.29	121.32	249.85	-89.94	-3,776.76	-4,241.92	3,139.12	2,778.62	360.49	8.708			
11,300.00	7,242.50	7,206.50	7,206.50	124.05	249.86	-89.94	-3,776.76	-4,241.92	3,095.65	2,731.38	364.27	8.498			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - 146 COMPANY #14-1 - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
11,400.00	7,242.71	7,206.71	7,206.71	126.78	249.86	-89.95	-3,776.76	-4,241.92	3,054.84	2,686.76	368.08	8.299			
11,500.00	7,242.93	7,206.93	7,206.93	129.52	249.87	-89.95	-3,776.76	-4,241.92	3,016.79	2,644.89	371.90	8.112			
11,600.00	7,243.14	7,207.14	7,207.14	132.27	249.88	-89.96	-3,776.76	-4,241.92	2,981.61	2,605.89	375.72	7.936			
11,700.00	7,243.35	7,207.35	7,207.35	135.02	249.89	-89.96	-3,776.76	-4,241.92	2,949.40	2,569.88	379.52	7.771			
11,800.00	7,243.57	7,207.57	7,207.57	137.77	249.89	-89.96	-3,776.76	-4,241.92	2,920.27	2,536.98	383.29	7.619			
11,900.00	7,243.78	7,207.78	7,207.78	140.53	249.90	-89.97	-3,776.76	-4,241.92	2,894.30	2,507.30	387.00	7.479			
12,000.00	7,243.99	7,207.99	7,207.99	143.29	249.91	-89.97	-3,776.76	-4,241.92	2,871.58	2,480.94	390.63	7.351			
12,100.00	7,244.20	7,208.20	7,208.20	146.05	249.91	-89.98	-3,776.76	-4,241.92	2,852.18	2,458.00	394.18	7.236			
12,200.00	7,244.42	7,208.42	7,208.42	148.82	249.92	-89.98	-3,776.76	-4,241.92	2,836.18	2,438.57	397.61	7.133			
12,300.00	7,244.63	7,208.63	7,208.63	151.60	249.93	-89.99	-3,776.76	-4,241.92	2,823.63	2,422.72	400.91	7.043			
12,400.00	7,244.84	7,208.84	7,208.84	154.37	249.94	-89.99	-3,776.76	-4,241.92	2,814.58	2,410.52	404.06	6.966			
12,500.00	7,245.06	7,209.06	7,209.06	157.15	249.94	-90.00	-3,776.76	-4,241.92	2,809.07	2,402.01	407.06	6.901			
12,600.00	7,245.27	7,209.27	7,209.27	159.93	249.95	-90.00	-3,776.76	-4,241.92	2,807.11	2,397.24	409.87	6.849			
12,605.08	7,245.28	7,209.28	7,209.28	160.07	249.95	-90.00	-3,776.76	-4,241.92	2,807.10	2,397.09	410.01	6.846 CC			
12,700.00	7,245.48	7,209.48	7,209.48	162.71	249.96	-90.00	-3,776.76	-4,241.92	2,808.71	2,396.21	412.50	6.809 ES			
12,800.00	7,245.70	7,209.70	7,209.70	165.50	249.97	-90.01	-3,776.76	-4,241.92	2,813.86	2,398.94	414.93	6.782			
12,900.00	7,245.91	7,209.91	7,209.91	168.29	249.97	-90.01	-3,776.76	-4,241.92	2,822.55	2,405.41	417.15	6.766			
13,000.00	7,246.12	7,210.12	7,210.12	171.08	249.98	-90.02	-3,776.76	-4,241.92	2,834.75	2,415.59	419.16	6.763 SF			
13,100.00	7,246.33	7,210.33	7,210.33	173.87	249.99	-90.02	-3,776.76	-4,241.92	2,850.40	2,429.44	420.95	6.771			
13,200.00	7,246.55	7,210.55	7,210.55	176.67	250.00	-90.03	-3,776.76	-4,241.92	2,869.45	2,446.92	422.54	6.791			
13,300.00	7,246.76	7,210.76	7,210.76	179.47	250.00	-90.03	-3,776.76	-4,241.92	2,891.84	2,467.93	423.91	6.822			
13,400.00	7,246.97	7,210.97	7,210.97	182.27	250.01	-90.03	-3,776.76	-4,241.92	2,917.49	2,492.41	425.07	6.863			
13,500.00	7,247.19	7,211.19	7,211.19	185.07	250.02	-90.04	-3,776.76	-4,241.92	2,946.30	2,520.27	426.04	6.916			
13,600.00	7,247.40	7,211.40	7,211.40	187.87	250.03	-90.04	-3,776.76	-4,241.92	2,978.20	2,551.39	426.81	6.978			
13,700.00	7,247.61	7,211.61	7,211.61	190.68	250.03	-90.05	-3,776.76	-4,241.92	3,013.08	2,585.69	427.40	7.050			
13,800.00	7,247.83	7,211.83	7,211.83	193.48	250.04	-90.05	-3,776.76	-4,241.92	3,050.85	2,623.03	427.81	7.131			
13,900.00	7,248.04	7,212.04	7,212.04	196.29	250.05	-90.06	-3,776.76	-4,241.92	3,091.38	2,663.31	428.07	7.222			
14,000.00	7,248.25	7,212.25	7,212.25	199.10	250.06	-90.06	-3,776.76	-4,241.92	3,134.59	2,706.42	428.17	7.321			
14,100.00	7,248.46	7,212.46	7,212.46	201.91	250.06	-90.06	-3,776.76	-4,241.92	3,180.35	2,752.21	428.13	7.428			
14,200.00	7,248.68	7,212.68	7,212.68	204.72	250.07	-90.07	-3,776.76	-4,241.92	3,228.56	2,800.59	427.97	7.544			
14,300.00	7,248.89	7,212.89	7,212.89	207.53	250.08	-90.07	-3,776.76	-4,241.92	3,279.11	2,851.42	427.69	7.667			
14,400.00	7,249.10	7,213.10	7,213.10	210.35	250.09	-90.08	-3,776.76	-4,241.92	3,331.90	2,904.59	427.31	7.797			
14,500.00	7,249.32	7,213.32	7,213.32	213.16	250.09	-90.08	-3,776.76	-4,241.92	3,386.82	2,959.99	426.83	7.935			
14,600.00	7,249.53	7,213.53	7,213.53	215.98	250.10	-90.09	-3,776.76	-4,241.92	3,443.77	3,017.49	426.27	8.079			
14,700.00	7,249.74	7,213.74	7,213.74	218.80	250.11	-90.09	-3,776.76	-4,241.92	3,502.64	3,077.00	425.64	8.229			
14,800.00	7,249.96	7,213.96	7,213.96	221.62	250.12	-90.10	-3,776.76	-4,241.92	3,563.35	3,138.41	424.95	8.385			
14,900.00	7,250.17	7,214.17	7,214.17	224.44	250.12	-90.10	-3,776.76	-4,241.92	3,625.81	3,201.61	424.20	8.547			
15,000.00	7,250.38	7,214.38	7,214.38	227.26	250.13	-90.10	-3,776.76	-4,241.92	3,689.91	3,266.51	423.40	8.715			
15,100.00	7,250.59	7,214.59	7,214.59	230.08	250.14	-90.11	-3,776.76	-4,241.92	3,755.59	3,333.03	422.56	8.888			
15,200.00	7,250.81	7,214.81	7,214.81	232.90	250.15	-90.11	-3,776.76	-4,241.92	3,822.75	3,401.06	421.69	9.065			
15,300.00	7,251.02	7,215.02	7,215.02	235.72	250.15	-90.12	-3,776.76	-4,241.92	3,891.32	3,470.53	420.79	9.248			
15,400.00	7,251.23	7,215.23	7,215.23	238.55	250.16	-90.12	-3,776.76	-4,241.92	3,961.23	3,541.36	419.87	9.434			
15,500.00	7,251.45	7,215.45	7,215.45	241.37	250.17	-90.13	-3,776.76	-4,241.92	4,032.41	3,613.48	418.94	9.625			
15,600.00	7,251.66	7,215.66	7,215.66	244.20	250.18	-90.13	-3,776.76	-4,241.92	4,104.79	3,686.81	417.99	9.820			
15,700.00	7,251.87	7,215.87	7,215.87	247.03	250.18	-90.13	-3,776.76	-4,241.92	4,178.32	3,761.29	417.03	10.019			
15,800.00	7,252.09	7,216.09	7,216.09	249.85	250.19	-90.14	-3,776.76	-4,241.92	4,252.92	3,836.85	416.07	10.222			
15,900.00	7,252.30	7,216.30	7,216.30	252.68	250.20	-90.14	-3,776.76	-4,241.92	4,328.54	3,913.44	415.10	10.428			
16,000.00	7,252.51	7,216.51	7,216.51	255.51	250.20	-90.15	-3,776.76	-4,241.92	4,405.14	3,991.00	414.14	10.637			
16,100.00	7,252.72	7,216.72	7,216.72	258.34	250.21	-90.15	-3,776.76	-4,241.92	4,482.66	4,069.48	413.18	10.849			
16,200.00	7,252.94	7,216.94	7,216.94	261.17	250.22	-90.16	-3,776.76	-4,241.92	4,561.06	4,148.83	412.22	11.065			
16,300.00	7,253.15	7,217.15	7,217.15	264.00	250.23	-90.16	-3,776.76	-4,241.92	4,640.28	4,229.01	411.27	11.283			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - 146 COMPANY #14-1 - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
16,400.00	7,253.36	7,217.36	7,217.36	266.83	250.23	-90.16	-3,776.76	-4,241.92	4,720.30	4,309.96	410.33	11.504		
16,500.00	7,253.58	7,217.58	7,217.58	269.66	250.24	-90.17	-3,776.76	-4,241.92	4,801.06	4,391.66	409.40	11.727		
16,600.00	7,253.79	7,217.79	7,217.79	272.50	250.25	-90.17	-3,776.76	-4,241.92	4,882.54	4,474.05	408.48	11.953		
16,700.00	7,254.00	7,218.00	7,218.00	275.33	250.26	-90.18	-3,776.76	-4,241.92	4,964.69	4,557.11	407.58	12.181		
16,800.00	7,254.22	7,218.22	7,218.22	278.16	250.26	-90.18	-3,776.76	-4,241.92	5,047.49	4,640.81	406.68	12.411		
16,900.00	7,254.43	7,218.43	7,218.43	281.00	250.27	-90.19	-3,776.76	-4,241.92	5,130.90	4,725.10	405.80	12.644		
17,000.00	7,254.64	7,218.64	7,218.64	283.83	250.28	-90.19	-3,776.76	-4,241.92	5,214.89	4,809.96	404.93	12.879		
17,100.00	7,254.85	7,218.85	7,218.85	286.67	250.29	-90.20	-3,776.76	-4,241.92	5,299.44	4,895.36	404.08	13.115		
17,200.00	7,255.07	7,219.07	7,219.07	289.50	250.29	-90.20	-3,776.76	-4,241.92	5,384.52	4,981.28	403.24	13.353		
17,300.00	7,255.28	7,219.28	7,219.28	292.34	250.30	-90.20	-3,776.76	-4,241.92	5,470.10	5,067.69	402.41	13.593		
17,400.00	7,255.49	7,219.49	7,219.49	295.17	250.31	-90.21	-3,776.76	-4,241.92	5,556.17	5,154.56	401.60	13.835		
17,500.00	7,255.71	7,219.71	7,219.71	298.01	250.32	-90.21	-3,776.76	-4,241.92	5,642.69	5,241.88	400.81	14.078		
17,600.00	7,255.92	7,219.92	7,219.92	300.85	250.32	-90.22	-3,776.76	-4,241.92	5,729.66	5,329.63	400.03	14.323		
17,700.00	7,256.13	7,220.13	7,220.13	303.68	250.33	-90.22	-3,776.76	-4,241.92	5,817.04	5,417.77	399.27	14.569		
17,800.00	7,256.35	7,220.35	7,220.35	306.52	250.34	-90.23	-3,776.76	-4,241.92	5,904.82	5,506.31	398.52	14.817		
17,900.00	7,256.56	7,220.56	7,220.56	309.36	250.35	-90.23	-3,776.76	-4,241.92	5,992.99	5,595.21	397.78	15.066		
18,000.00	7,256.77	7,220.77	7,220.77	312.20	250.35	-90.23	-3,776.76	-4,241.92	6,081.52	5,684.46	397.06	15.316		
18,100.00	7,256.98	7,220.98	7,220.98	315.04	250.36	-90.24	-3,776.76	-4,241.92	6,170.40	5,774.04	396.36	15.568		
18,200.00	7,257.20	7,221.20	7,221.20	317.88	250.37	-90.24	-3,776.76	-4,241.92	6,259.62	5,863.95	395.67	15.820		
18,300.00	7,257.41	7,221.41	7,221.41	320.72	250.38	-90.25	-3,776.76	-4,241.92	6,349.16	5,954.16	394.99	16.074		
18,400.00	7,257.62	7,221.62	7,221.62	323.56	250.38	-90.25	-3,776.76	-4,241.92	6,439.01	6,044.67	394.33	16.329		
18,500.00	7,257.84	7,221.84	7,221.84	326.40	250.39	-90.26	-3,776.76	-4,241.92	6,529.15	6,135.46	393.69	16.585		
18,600.00	7,258.05	7,222.05	7,222.05	329.24	250.40	-90.26	-3,776.76	-4,241.92	6,619.57	6,226.52	393.05	16.841		
18,700.00	7,258.26	7,222.26	7,222.26	332.08	250.41	-90.26	-3,776.76	-4,241.92	6,710.27	6,317.84	392.43	17.099		
18,800.00	7,258.48	7,222.48	7,222.48	334.92	250.41	-90.27	-3,776.76	-4,241.92	6,801.23	6,409.40	391.83	17.358		
18,900.00	7,258.69	7,222.69	7,222.69	337.76	250.42	-90.27	-3,776.76	-4,241.92	6,892.44	6,501.20	391.23	17.617		
19,000.00	7,258.90	7,222.90	7,222.90	340.60	250.43	-90.28	-3,776.76	-4,241.92	6,983.89	6,593.23	390.65	17.878		
19,046.19	7,259.00	7,223.00	7,223.00	341.92	250.43	-90.28	-3,776.76	-4,241.92	7,026.20	6,635.81	390.39	17.998		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - ANDERSON #1-10-6-66(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	2.00	2.00	3.28	3.28	-100.90	-1,097.73	-5,699.32	5,804.07					
100.00	100.00	102.00	102.00	3.28	3.75	-100.90	-1,097.73	-5,699.32	5,804.07	5,797.04	7.03	825.200		
200.00	200.00	202.00	202.00	3.34	6.24	-100.90	-1,097.73	-5,699.32	5,804.07	5,794.50	9.58	606.153		
300.00	300.00	302.00	302.00	3.44	9.39	-100.90	-1,097.73	-5,699.32	5,804.07	5,791.24	12.83	452.249		
400.00	399.98	401.98	401.98	3.60	12.72	134.09	-1,097.73	-5,699.32	5,805.29	5,788.97	16.32	355.822		
500.00	499.84	501.84	501.84	3.79	16.11	134.08	-1,097.73	-5,699.32	5,808.93	5,789.03	19.90	291.880		
600.00	599.45	601.45	601.45	4.03	19.53	134.05	-1,097.73	-5,699.32	5,815.00	5,791.45	23.55	246.872		
700.00	698.70	700.70	700.70	4.30	22.95	134.01	-1,097.73	-5,699.32	5,823.51	5,796.26	27.25	213.703		
800.00	797.47	800.53	799.47	4.61	26.41	133.97	-1,097.73	-5,699.32	5,834.44	5,803.43	31.01	188.142		
900.00	895.62	902.38	897.62	4.95	29.94	133.91	-1,097.73	-5,699.32	5,847.81	5,812.93	34.88	167.660		
1,000.00	993.06	1,004.94	995.06	5.33	33.50	133.83	-1,097.73	-5,699.32	5,863.61	5,824.80	38.81	151.097		
1,100.00	1,090.08	1,107.92	1,092.08	5.74	37.08	134.00	-1,097.73	-5,699.32	5,880.65	5,837.87	42.77	137.481		
1,200.00	1,187.11	1,189.11	1,189.11	6.17	39.90	134.17	-1,097.73	-5,699.32	5,897.74	5,851.74	46.00	128.204		
1,300.00	1,284.14	1,286.14	1,286.14	6.61	43.28	134.33	-1,097.73	-5,699.32	5,914.88	5,865.08	49.80	118.774		
1,400.00	1,381.17	1,383.17	1,383.17	7.07	46.66	134.50	-1,097.73	-5,699.32	5,932.07	5,878.46	53.61	110.653		
1,500.00	1,478.20	1,480.20	1,480.20	7.55	50.04	134.66	-1,097.73	-5,699.32	5,949.31	5,891.87	57.43	103.589		
1,600.00	1,575.23	1,577.23	1,577.23	8.03	53.42	134.82	-1,097.73	-5,699.32	5,966.59	5,905.33	61.26	97.393		
1,700.00	1,672.26	1,674.26	1,674.26	8.52	56.80	134.98	-1,097.73	-5,699.32	5,983.93	5,918.82	65.10	91.916		
1,800.00	1,769.29	1,771.29	1,771.29	9.01	60.18	135.15	-1,097.73	-5,699.32	6,001.31	5,932.36	68.95	87.042		
1,900.00	1,866.32	1,868.32	1,868.32	9.51	63.56	135.31	-1,097.73	-5,699.32	6,018.73	5,945.94	72.80	82.677		
2,000.00	1,963.35	1,965.35	1,965.35	10.02	66.95	135.46	-1,097.73	-5,699.32	6,036.21	5,959.56	76.65	78.746		
2,100.00	2,060.38	2,062.38	2,062.38	10.53	70.33	135.62	-1,097.73	-5,699.32	6,053.73	5,973.22	80.51	75.189		
2,200.00	2,157.41	2,159.41	2,159.41	11.04	73.71	135.78	-1,097.73	-5,699.32	6,071.30	5,986.92	84.38	71.955		
2,300.00	2,254.44	2,256.44	2,256.44	11.56	77.10	135.94	-1,097.73	-5,699.32	6,088.91	6,000.67	88.24	69.003		
2,400.00	2,351.47	2,353.47	2,353.47	12.07	80.48	136.09	-1,097.73	-5,699.32	6,106.57	6,014.46	92.11	66.297		
2,500.00	2,448.50	2,450.50	2,450.50	12.59	83.87	136.25	-1,097.73	-5,699.32	6,124.27	6,028.29	95.98	63.808		
2,600.00	2,545.53	2,547.53	2,547.53	13.12	87.25	136.40	-1,097.73	-5,699.32	6,142.02	6,042.17	99.85	61.511		
2,700.00	2,642.56	2,644.56	2,644.56	13.64	90.64	136.55	-1,097.73	-5,699.32	6,159.81	6,056.08	103.73	59.386		
2,800.00	2,739.59	2,741.59	2,741.59	14.17	94.02	136.71	-1,097.73	-5,699.32	6,177.64	6,070.04	107.60	57.413		
2,900.00	2,836.62	2,838.62	2,838.62	14.69	97.41	136.86	-1,097.73	-5,699.32	6,195.52	6,084.04	111.48	55.577		
3,000.00	2,933.65	2,935.65	2,935.65	15.22	100.79	137.01	-1,097.73	-5,699.32	6,213.44	6,098.08	115.35	53.864		
3,100.00	3,030.68	3,032.68	3,032.68	15.75	104.18	137.16	-1,097.73	-5,699.32	6,231.40	6,112.17	119.23	52.263		
3,200.00	3,127.71	3,129.71	3,129.71	16.28	107.56	137.31	-1,097.73	-5,699.32	6,249.40	6,126.29	123.11	50.763		
3,300.00	3,224.74	3,226.74	3,226.74	16.82	110.95	137.45	-1,097.73	-5,699.32	6,267.45	6,140.46	126.99	49.354		
3,400.00	3,321.76	3,323.76	3,323.76	17.35	114.33	137.60	-1,097.73	-5,699.32	6,285.54	6,154.67	130.87	48.029		
3,500.00	3,418.79	3,420.79	3,420.79	17.88	117.72	137.75	-1,097.73	-5,699.32	6,303.67	6,168.92	134.75	46.780		
3,600.00	3,515.82	3,517.82	3,517.82	18.42	121.11	137.89	-1,097.73	-5,699.32	6,321.83	6,183.20	138.63	45.602		
3,700.00	3,612.85	3,614.85	3,614.85	18.95	124.49	138.04	-1,097.73	-5,699.32	6,340.04	6,197.53	142.51	44.488		
3,800.00	3,709.88	3,711.88	3,711.88	19.49	127.88	138.18	-1,097.73	-5,699.32	6,358.29	6,211.90	146.39	43.433		
3,900.00	3,806.91	3,808.91	3,808.91	20.02	131.26	138.32	-1,097.73	-5,699.32	6,376.58	6,226.30	150.28	42.432		
4,000.00	3,903.94	3,905.94	3,905.94	20.56	134.65	138.47	-1,097.73	-5,699.32	6,394.91	6,240.75	154.16	41.483		
4,100.00	4,000.97	4,002.97	4,002.97	21.09	138.04	138.61	-1,097.73	-5,699.32	6,413.28	6,255.23	158.04	40.580		
4,200.00	4,098.00	4,100.00	4,100.00	21.63	141.42	138.75	-1,097.73	-5,699.32	6,431.68	6,269.76	161.92	39.720		
4,300.00	4,195.03	4,202.97	4,197.03	22.17	145.02	138.89	-1,097.73	-5,699.32	6,450.12	6,284.11	166.01	38.853		
4,400.00	4,292.06	4,305.94	4,294.06	22.71	148.61	139.03	-1,097.73	-5,699.32	6,468.60	6,298.50	170.10	38.027		
4,500.00	4,389.09	4,408.91	4,391.09	23.25	152.21	139.17	-1,097.73	-5,699.32	6,487.12	6,312.93	174.19	37.241		
4,600.00	4,486.12	4,488.12	4,488.12	23.78	155.97	139.30	-1,097.73	-5,699.32	6,505.68	6,328.22	177.46	36.661		
4,700.00	4,583.15	4,585.15	4,585.15	24.32	159.36	139.44	-1,097.73	-5,699.32	6,524.27	6,342.93	181.34	35.979		
4,800.00	4,680.18	4,682.18	4,682.18	24.86	161.74	139.58	-1,097.73	-5,699.32	6,542.90	6,357.68	185.22	35.325		
4,900.00	4,777.21	4,779.21	4,779.21	25.40	165.13	139.71	-1,097.73	-5,699.32	6,561.57	6,372.46	189.10	34.698		
5,000.00	4,874.24	4,876.24	4,876.24	25.94	168.52	139.85	-1,097.73	-5,699.32	6,580.27	6,387.28	192.99	34.097		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - ANDERSON #1-10-6-66(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	4,973.27	4,973.27	26.48	171.90	139.98	-1,097.73	-5,699.32	6,599.01	6,402.14	196.87	33.520		
5,200.00	5,068.30	5,070.30	5,070.30	27.02	175.29	140.11	-1,097.73	-5,699.32	6,617.78	6,417.03	200.75	32.965		
5,300.00	5,165.33	5,167.33	5,167.33	27.56	178.68	140.25	-1,097.73	-5,699.32	6,636.59	6,431.95	204.64	32.431		
5,400.00	5,262.36	5,264.36	5,264.36	28.10	182.06	140.38	-1,097.73	-5,699.32	6,655.43	6,446.91	208.52	31.918		
5,500.00	5,359.39	5,361.39	5,361.39	28.64	185.45	140.51	-1,097.73	-5,699.32	6,674.31	6,461.91	212.40	31.423		
5,600.00	5,456.42	5,458.42	5,458.42	29.18	188.84	140.64	-1,097.73	-5,699.32	6,693.22	6,476.94	216.28	30.946		
5,700.00	5,553.45	5,555.45	5,555.45	29.72	192.22	140.77	-1,097.73	-5,699.32	6,712.16	6,492.00	220.17	30.487		
5,800.00	5,650.47	5,652.47	5,652.47	30.27	195.61	140.90	-1,097.73	-5,699.32	6,731.14	6,507.10	224.05	30.043		
5,900.00	5,747.50	5,749.50	5,749.50	30.81	199.00	141.02	-1,097.73	-5,699.32	6,750.16	6,522.23	227.93	29.615		
6,000.00	5,844.53	5,846.53	5,846.53	31.35	202.38	141.15	-1,097.73	-5,699.32	6,769.20	6,537.39	231.81	29.201		
6,100.00	5,941.56	5,943.56	5,943.56	31.89	205.77	141.28	-1,097.73	-5,699.32	6,788.28	6,552.58	235.70	28.801		
6,200.00	6,038.59	6,040.59	6,040.59	32.43	209.16	141.40	-1,097.73	-5,699.32	6,807.39	6,567.81	239.58	28.414		
6,300.00	6,135.62	6,137.62	6,137.62	32.97	212.54	141.53	-1,097.73	-5,699.32	6,826.53	6,583.07	243.46	28.040		
6,400.00	6,232.65	6,234.65	6,234.65	33.51	215.93	141.65	-1,097.73	-5,699.32	6,845.71	6,598.37	247.34	27.677		
6,500.00	6,329.68	6,331.68	6,331.68	34.06	219.32	141.78	-1,097.73	-5,699.32	6,864.92	6,613.69	251.22	27.326		
6,600.00	6,426.71	6,428.71	6,428.71	34.60	222.71	141.90	-1,097.73	-5,699.32	6,884.15	6,629.05	255.11	26.986		
6,655.36	6,480.43	6,482.43	6,482.43	34.90	224.58	141.97	-1,097.73	-5,699.32	6,894.82	6,637.56	257.25	26.802		
6,700.00	6,524.01	6,526.01	6,526.01	35.13	226.10	129.85	-1,097.73	-5,699.32	6,901.88	6,642.89	258.99	26.649		
6,750.00	6,573.29	6,575.29	6,575.29	35.36	227.82	107.41	-1,097.73	-5,699.32	6,906.12	6,645.18	260.94	26.467		
6,800.00	6,622.76	6,624.76	6,624.76	35.56	229.55	77.12	-1,097.73	-5,699.32	6,906.44	6,643.57	262.87	26.274		
6,850.00	6,672.13	6,674.13	6,674.13	35.73	231.27	51.77	-1,097.73	-5,699.32	6,902.85	6,638.08	264.77	26.072		
6,900.00	6,721.08	6,723.08	6,723.08	35.88	232.98	36.34	-1,097.73	-5,699.32	6,895.36	6,628.74	266.62	25.862		
6,950.00	6,769.31	6,771.31	6,771.31	36.03	234.66	27.27	-1,097.73	-5,699.32	6,884.03	6,615.60	268.43	25.645		
7,000.00	6,816.53	6,818.53	6,818.53	36.18	236.31	21.60	-1,097.73	-5,699.32	6,868.93	6,598.74	270.19	25.423		
7,050.00	6,862.44	6,864.44	6,864.44	36.34	237.92	17.80	-1,097.73	-5,699.32	6,850.14	6,578.26	271.88	25.195		
7,100.00	6,906.77	6,908.77	6,908.77	36.50	239.46	15.12	-1,097.73	-5,699.32	6,827.77	6,554.28	273.50	24.965		
7,150.00	6,949.23	6,951.23	6,951.23	36.68	240.94	13.13	-1,097.73	-5,699.32	6,801.98	6,526.94	275.04	24.731		
7,200.00	6,989.58	7,008.42	6,991.58	36.87	242.94	11.60	-1,097.73	-5,699.32	6,772.91	6,495.84	277.07	24.445		
7,250.00	7,027.55	7,029.55	7,029.55	37.09	243.68	10.38	-1,097.73	-5,699.32	6,740.74	6,462.91	277.84	24.262		
7,300.00	7,062.91	7,064.91	7,064.91	37.32	244.91	9.38	-1,097.73	-5,699.32	6,705.68	6,426.60	279.09	24.027		
7,350.00	7,095.45	7,102.55	7,097.45	37.59	246.23	8.54	-1,097.73	-5,699.32	6,667.93	6,387.53	280.40	23.780		
7,400.00	7,124.97	7,126.97	7,126.97	37.88	247.08	7.79	-1,097.73	-5,699.32	6,627.73	6,346.48	281.25	23.565		
7,450.00	7,151.28	7,153.28	7,153.28	38.21	248.00	7.09	-1,097.73	-5,699.32	6,585.33	6,303.17	282.16	23.339		
7,500.00	7,174.22	7,176.22	7,176.22	38.58	248.80	6.38	-1,097.73	-5,699.32	6,540.98	6,258.03	282.95	23.117		
7,550.00	7,193.65	7,204.35	7,195.65	38.98	249.78	5.59	-1,097.73	-5,699.32	6,494.97	6,211.05	283.91	22.876		
7,600.00	7,209.45	7,211.45	7,211.45	39.43	250.03	4.56	-1,097.73	-5,699.32	6,447.56	6,163.42	284.15	22.691		
7,650.00	7,221.52	7,223.52	7,223.52	39.91	250.45	2.95	-1,097.73	-5,699.32	6,399.06	6,114.51	284.55	22.488		
7,700.00	7,229.79	7,231.79	7,231.79	40.42	250.74	-0.45	-1,097.73	-5,699.32	6,349.76	6,064.93	284.83	22.293		
7,750.00	7,234.21	7,236.21	7,236.21	40.97	250.89	-13.95	-1,097.73	-5,699.32	6,299.97	6,015.00	284.98	22.107		
7,780.56	7,235.00	7,237.00	7,237.00	41.32	250.92	-83.69	-1,097.73	-5,699.32	6,269.43	5,984.42	285.00	21.998		
7,800.00	7,235.04	7,237.04	7,237.04	41.54	250.92	-83.71	-1,097.73	-5,699.32	6,249.99	5,964.99	285.01	21.929		
7,900.00	7,235.26	7,237.26	7,237.26	42.82	250.93	-83.81	-1,097.73	-5,699.32	6,150.01	5,864.99	285.02	21.578		
8,000.00	7,235.47	7,237.47	7,237.47	44.25	250.94	-83.91	-1,097.73	-5,699.32	6,050.03	5,765.00	285.03	21.226		
8,100.00	7,235.68	7,237.68	7,237.68	45.82	250.94	-84.01	-1,097.73	-5,699.32	5,950.05	5,665.01	285.04	20.874		
8,200.00	7,235.90	7,237.90	7,237.90	47.52	250.95	-84.11	-1,097.73	-5,699.32	5,850.07	5,565.02	285.06	20.522		
8,300.00	7,236.11	7,238.11	7,238.11	49.34	250.96	-84.21	-1,097.73	-5,699.32	5,750.10	5,465.02	285.07	20.171		
8,400.00	7,236.32	7,238.32	7,238.32	51.25	250.97	-84.31	-1,097.73	-5,699.32	5,650.12	5,365.03	285.09	19.819		
8,500.00	7,236.54	7,238.54	7,238.54	53.26	250.97	-84.41	-1,097.73	-5,699.32	5,550.14	5,265.03	285.11	19.467		
8,600.00	7,236.75	7,238.75	7,238.75	55.34	250.98	-84.51	-1,097.73	-5,699.32	5,450.17	5,165.03	285.13	19.115		
8,700.00	7,236.96	7,238.96	7,238.96	57.50	250.99	-84.61	-1,097.73	-5,699.32	5,350.19	5,065.04	285.15	18.763		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - ANDERSON #1-10-6-66(PA) - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
8,800.00	7,237.17	7,239.17	7,239.17	59.71	251.00	-84.71	-1,097.73	-5,699.32	5,250.22	4,965.04	285.18	18.410					
8,900.00	7,237.39	7,239.39	7,239.39	61.98	251.00	-84.81	-1,097.73	-5,699.32	5,150.24	4,865.04	285.20	18.058					
9,000.00	7,237.60	7,239.60	7,239.60	64.29	251.01	-84.91	-1,097.73	-5,699.32	5,050.27	4,765.04	285.23	17.706					
9,100.00	7,237.81	7,239.81	7,239.81	66.65	251.02	-85.01	-1,097.73	-5,699.32	4,950.30	4,665.04	285.26	17.354					
9,200.00	7,238.03	7,240.03	7,240.03	69.05	251.03	-85.11	-1,097.73	-5,699.32	4,850.33	4,565.04	285.29	17.002					
9,300.00	7,238.24	7,240.24	7,240.24	71.48	251.03	-85.21	-1,097.73	-5,699.32	4,750.36	4,465.04	285.32	16.649					
9,400.00	7,238.45	7,240.45	7,240.45	73.95	251.04	-85.31	-1,097.73	-5,699.32	4,650.40	4,365.04	285.35	16.297					
9,500.00	7,238.67	7,240.67	7,240.67	76.44	251.05	-85.41	-1,097.73	-5,699.32	4,550.43	4,265.04	285.39	15.945					
9,600.00	7,238.88	7,240.88	7,240.88	78.96	251.06	-85.51	-1,097.73	-5,699.32	4,450.47	4,165.04	285.43	15.592					
9,700.00	7,239.09	7,241.09	7,241.09	81.50	251.06	-85.61	-1,097.73	-5,699.32	4,350.51	4,065.04	285.47	15.240					
9,800.00	7,239.30	7,241.30	7,241.30	84.06	251.07	-85.71	-1,097.73	-5,699.32	4,250.55	3,965.04	285.51	14.888					
9,900.00	7,239.52	7,241.52	7,241.52	86.64	251.08	-85.81	-1,097.73	-5,699.32	4,150.59	3,865.03	285.55	14.535					
10,000.00	7,239.73	7,241.73	7,241.73	89.23	251.09	-85.91	-1,097.73	-5,699.32	4,050.63	3,765.03	285.60	14.183					
10,100.00	7,239.94	7,241.94	7,241.94	91.85	251.09	-86.01	-1,097.73	-5,699.32	3,950.68	3,665.03	285.65	13.830					
10,200.00	7,240.16	7,242.16	7,242.16	94.47	251.10	-86.11	-1,097.73	-5,699.32	3,850.72	3,565.02	285.70	13.478					
10,300.00	7,240.37	7,242.37	7,242.37	97.11	251.11	-86.21	-1,097.73	-5,699.32	3,750.78	3,465.02	285.76	13.126					
10,400.00	7,240.58	7,242.58	7,242.58	99.76	251.11	-86.32	-1,097.73	-5,699.32	3,650.83	3,365.01	285.82	12.773					
10,500.00	7,240.80	7,242.80	7,242.80	102.43	251.12	-86.42	-1,097.73	-5,699.32	3,550.89	3,265.01	285.88	12.421					
10,600.00	7,241.01	7,243.01	7,243.01	105.10	251.13	-86.52	-1,097.73	-5,699.32	3,450.94	3,165.00	285.94	12.069					
10,700.00	7,241.22	7,243.22	7,243.22	107.79	251.14	-86.62	-1,097.73	-5,699.32	3,351.01	3,065.00	286.01	11.716					
10,800.00	7,241.43	7,243.43	7,243.43	110.48	251.14	-86.72	-1,097.73	-5,699.32	3,251.08	2,964.99	286.09	11.364					
10,900.00	7,241.65	7,243.65	7,243.65	113.18	251.15	-86.82	-1,097.73	-5,699.32	3,151.15	2,864.98	286.16	11.012					
11,000.00	7,241.86	7,243.86	7,243.86	115.89	251.16	-86.92	-1,097.73	-5,699.32	3,051.22	2,764.98	286.25	10.659					
11,100.00	7,242.07	7,244.07	7,244.07	118.60	251.17	-87.02	-1,097.73	-5,699.32	2,951.30	2,664.97	286.34	10.307					
11,200.00	7,242.29	7,244.29	7,244.29	121.32	251.17	-87.12	-1,097.73	-5,699.32	2,851.39	2,564.96	286.43	9.955					
11,300.00	7,242.50	7,244.50	7,244.50	124.05	251.18	-87.22	-1,097.73	-5,699.32	2,751.48	2,464.95	286.54	9.603					
11,400.00	7,242.71	7,244.71	7,244.71	126.78	251.19	-87.32	-1,097.73	-5,699.32	2,651.58	2,364.94	286.65	9.250					
11,500.00	7,242.93	7,244.93	7,244.93	129.52	251.20	-87.42	-1,097.73	-5,699.32	2,551.69	2,264.92	286.77	8.898					
11,600.00	7,243.14	7,245.14	7,245.14	132.27	251.20	-87.53	-1,097.73	-5,699.32	2,451.81	2,164.91	286.90	8.546					
11,700.00	7,243.35	7,245.35	7,245.35	135.02	251.21	-87.63	-1,097.73	-5,699.32	2,351.94	2,064.89	287.04	8.194					
11,800.00	7,243.57	7,245.57	7,245.57	137.77	251.22	-87.73	-1,097.73	-5,699.32	2,252.07	1,964.87	287.20	7.841					
11,900.00	7,243.78	7,245.78	7,245.78	140.53	251.23	-87.83	-1,097.73	-5,699.32	2,152.22	1,864.85	287.38	7.489					
12,000.00	7,243.99	7,245.99	7,245.99	143.29	251.23	-87.93	-1,097.73	-5,699.32	2,052.39	1,764.82	287.57	7.137					
12,100.00	7,244.20	7,246.20	7,246.20	146.05	251.24	-88.03	-1,097.73	-5,699.32	1,952.57	1,664.78	287.79	6.785					
12,200.00	7,244.42	7,246.42	7,246.42	148.82	251.25	-88.13	-1,097.73	-5,699.32	1,852.77	1,564.73	288.04	6.432					
12,300.00	7,244.63	7,246.63	7,246.63	151.60	251.26	-88.23	-1,097.73	-5,699.32	1,753.00	1,464.67	288.32	6.080					
12,400.00	7,244.84	7,246.84	7,246.84	154.37	251.26	-88.33	-1,097.73	-5,699.32	1,653.25	1,364.60	288.65	5.727					
12,500.00	7,245.06	7,247.06	7,247.06	157.15	251.27	-88.43	-1,097.73	-5,699.32	1,553.53	1,264.50	289.04	5.375					
12,600.00	7,245.27	7,247.27	7,247.27	159.93	251.28	-88.54	-1,097.73	-5,699.32	1,453.86	1,164.37	289.49	5.022					
12,700.00	7,245.48	7,247.48	7,247.48	162.71	251.29	-88.64	-1,097.73	-5,699.32	1,354.23	1,064.20	290.03	4.669					
12,800.00	7,245.70	7,247.70	7,247.70	165.50	251.29	-88.74	-1,097.73	-5,699.32	1,254.66	963.97	290.68	4.316					
12,900.00	7,245.91	7,247.91	7,247.91	168.29	251.30	-88.84	-1,097.73	-5,699.32	1,155.16	863.67	291.49	3.963					
13,000.00	7,246.12	7,248.12	7,248.12	171.08	251.31	-88.94	-1,097.73	-5,699.32	1,055.76	763.25	292.51	3.609					
13,100.00	7,246.33	7,248.33	7,248.33	173.87	251.32	-89.04	-1,097.73	-5,699.32	956.49	662.67	293.81	3.255					
13,200.00	7,246.55	7,248.55	7,248.55	176.67	251.32	-89.14	-1,097.73	-5,699.32	857.38	561.86	295.52	2.901					
13,300.00	7,246.76	7,248.76	7,248.76	179.47	251.33	-89.24	-1,097.73	-5,699.32	758.50	460.68	297.82	2.547					
13,400.00	7,246.97	7,248.97	7,248.97	182.27	251.34	-89.34	-1,097.73	-5,699.32	659.97	358.94	301.03	2.192					
13,500.00	7,247.19	7,249.19	7,249.19	185.07	251.35	-89.45	-1,097.73	-5,699.32	561.96	256.30	305.66	1.839					
13,600.00	7,247.40	7,249.40	7,249.40	187.87	251.35	-89.55	-1,097.73	-5,699.32	464.79	152.12	312.67	1.487	Level 3				
13,700.00	7,247.61	7,249.61	7,249.61	190.68	251.36	-89.65	-1,097.73	-5,699.32	369.13	45.20	323.94	1.140	Level 2				
13,800.00	7,247.83	7,249.83	7,249.83	193.48	251.37	-89.75	-1,097.73	-5,699.32	276.57	-66.85	343.42	0.805	Level 1				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - ANDERSON #1-10-6-66(PA) - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore Centre		Between	Between	Minimum	Separation	Warning				
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	Toolface (°)	+N/-S (ft)	+E/-W (ft)	Centres (ft)	Ellipses (ft)	Separation (ft)	Factor					
13,900.00	7,248.04	7,250.04	7,250.04	196.29	251.38	-89.85	-1,097.73	-5,699.32	191.63	-187.99	379.62	0.505	Level 1				
14,000.00	7,248.25	7,250.25	7,250.25	199.10	251.38	-89.95	-1,097.73	-5,699.32	130.21	-306.97	437.17	0.298	Level 1				
14,048.84	7,248.36	7,250.36	7,250.36	200.47	251.39	-90.00	-1,097.73	-5,699.32	120.70	-331.15	451.85	0.267	Level 1, CC, ES, SF				
14,100.00	7,248.46	7,250.46	7,250.46	201.91	251.39	-90.05	-1,097.73	-5,699.32	131.10	-305.94	437.03	0.300	Level 1				
14,200.00	7,248.68	7,250.68	7,250.68	204.72	251.40	-90.15	-1,097.73	-5,699.32	193.44	-187.24	380.68	0.508	Level 1				
14,300.00	7,248.89	7,250.89	7,250.89	207.53	251.40	-90.25	-1,097.73	-5,699.32	278.66	-66.66	345.32	0.807	Level 1				
14,400.00	7,249.10	7,251.10	7,251.10	210.35	251.41	-90.36	-1,097.73	-5,699.32	371.32	45.14	326.18	1.138	Level 2				
14,500.00	7,249.32	7,251.32	7,251.32	213.16	251.42	-90.46	-1,097.73	-5,699.32	467.02	151.95	315.08	1.482	Level 3				
14,600.00	7,249.53	7,251.53	7,251.53	215.98	251.43	-90.56	-1,097.73	-5,699.32	564.22	256.08	308.14	1.831					
14,700.00	7,249.74	7,251.74	7,251.74	218.80	251.43	-90.66	-1,097.73	-5,699.32	662.25	358.69	303.56	2.182					
14,800.00	7,249.96	7,251.96	7,251.96	221.62	251.44	-90.76	-1,097.73	-5,699.32	760.79	460.39	300.40	2.533					
14,900.00	7,250.17	7,252.17	7,252.17	224.44	251.45	-90.86	-1,097.73	-5,699.32	859.67	561.53	298.14	2.883					
15,000.00	7,250.38	7,252.38	7,252.38	227.26	251.46	-90.96	-1,097.73	-5,699.32	958.78	662.30	296.48	3.234					
15,100.00	7,250.59	7,252.59	7,252.59	230.08	251.46	-91.06	-1,097.73	-5,699.32	1,058.06	762.83	295.23	3.584					
15,200.00	7,250.81	7,252.81	7,252.81	232.90	251.47	-91.16	-1,097.73	-5,699.32	1,157.47	863.19	294.28	3.933					
15,300.00	7,251.02	7,253.02	7,253.02	235.72	251.48	-91.26	-1,097.73	-5,699.32	1,256.96	963.42	293.54	4.282					
15,400.00	7,251.23	7,253.23	7,253.23	238.55	251.49	-91.37	-1,097.73	-5,699.32	1,356.54	1,063.58	292.96	4.630					
15,500.00	7,251.45	7,253.45	7,253.45	241.37	251.49	-91.47	-1,097.73	-5,699.32	1,456.17	1,163.67	292.50	4.978					
15,600.00	7,251.66	7,253.66	7,253.66	244.20	251.50	-91.57	-1,097.73	-5,699.32	1,555.84	1,263.71	292.14	5.326					
15,700.00	7,251.87	7,253.87	7,253.87	247.03	251.51	-91.67	-1,097.73	-5,699.32	1,655.56	1,363.72	291.84	5.673					
15,800.00	7,252.09	7,254.09	7,254.09	249.85	251.52	-91.77	-1,097.73	-5,699.32	1,755.31	1,463.70	291.61	6.019					
15,900.00	7,252.30	7,254.30	7,254.30	252.68	251.52	-91.87	-1,097.73	-5,699.32	1,855.09	1,563.66	291.43	6.366					
16,000.00	7,252.51	7,254.51	7,254.51	255.51	251.53	-91.97	-1,097.73	-5,699.32	1,954.88	1,663.60	291.28	6.711					
16,100.00	7,252.72	7,254.72	7,254.72	258.34	251.54	-92.07	-1,097.73	-5,699.32	2,054.70	1,763.54	291.17	7.057					
16,200.00	7,252.94	7,254.94	7,254.94	261.17	251.55	-92.17	-1,097.73	-5,699.32	2,154.54	1,863.46	291.08	7.402					
16,300.00	7,253.15	7,255.15	7,255.15	264.00	251.55	-92.28	-1,097.73	-5,699.32	2,254.39	1,963.38	291.01	7.747					
16,400.00	7,253.36	7,255.36	7,255.36	266.83	251.56	-92.38	-1,097.73	-5,699.32	2,354.25	2,063.29	290.96	8.091					
16,500.00	7,253.58	7,255.58	7,255.58	269.66	251.57	-92.48	-1,097.73	-5,699.32	2,454.12	2,163.19	290.93	8.435					
16,600.00	7,253.79	7,255.79	7,255.79	272.50	251.58	-92.58	-1,097.73	-5,699.32	2,554.01	2,263.09	290.92	8.779					
16,700.00	7,254.00	7,256.00	7,256.00	275.33	251.58	-92.68	-1,097.73	-5,699.32	2,653.90	2,362.99	290.91	9.123					
16,800.00	7,254.22	7,256.22	7,256.22	278.16	251.59	-92.78	-1,097.73	-5,699.32	2,753.80	2,462.88	290.92	9.466					
16,900.00	7,254.43	7,256.43	7,256.43	281.00	251.60	-92.88	-1,097.73	-5,699.32	2,853.71	2,562.77	290.93	9.809					
17,000.00	7,254.64	7,256.64	7,256.64	283.83	251.61	-92.98	-1,097.73	-5,699.32	2,953.62	2,662.66	290.96	10.151					
17,100.00	7,254.85	7,256.85	7,256.85	286.67	251.61	-93.08	-1,097.73	-5,699.32	3,053.54	2,762.55	290.99	10.494					
17,200.00	7,255.07	7,257.07	7,257.07	289.50	251.62	-93.18	-1,097.73	-5,699.32	3,153.46	2,862.44	291.02	10.836					
17,300.00	7,255.28	7,257.28	7,257.28	292.34	251.63	-93.28	-1,097.73	-5,699.32	3,253.39	2,962.32	291.07	11.177					
17,400.00	7,255.49	7,257.49	7,257.49	295.17	251.64	-93.38	-1,097.73	-5,699.32	3,353.32	3,062.21	291.12	11.519					
17,500.00	7,255.71	7,257.71	7,257.71	298.01	251.64	-93.49	-1,097.73	-5,699.32	3,453.26	3,162.09	291.17	11.860					
17,600.00	7,255.92	7,257.92	7,257.92	300.85	251.65	-93.59	-1,097.73	-5,699.32	3,553.20	3,261.98	291.23	12.201					
17,700.00	7,256.13	7,258.13	7,258.13	303.68	251.66	-93.69	-1,097.73	-5,699.32	3,653.15	3,361.86	291.29	12.541					
17,800.00	7,256.35	7,258.35	7,258.35	306.52	251.67	-93.79	-1,097.73	-5,699.32	3,753.09	3,461.74	291.35	12.882					
17,900.00	7,256.56	7,258.56	7,258.56	309.36	251.67	-93.89	-1,097.73	-5,699.32	3,853.04	3,561.62	291.42	13.222					
18,000.00	7,256.77	7,258.77	7,258.77	312.20	251.68	-93.99	-1,097.73	-5,699.32	3,952.99	3,661.50	291.49	13.561					
18,100.00	7,256.98	7,258.98	7,258.98	315.04	251.69	-94.09	-1,097.73	-5,699.32	4,052.95	3,761.38	291.57	13.901					
18,200.00	7,257.20	7,259.20	7,259.20	317.88	251.69	-94.19	-1,097.73	-5,699.32	4,152.90	3,861.26	291.64	14.240					
18,300.00	7,257.41	7,259.41	7,259.41	320.72	251.70	-94.29	-1,097.73	-5,699.32	4,252.86	3,961.14	291.72	14.578					
18,400.00	7,257.62	7,259.62	7,259.62	323.56	251.71	-94.39	-1,097.73	-5,699.32	4,352.82	4,061.02	291.80	14.917					
18,500.00	7,257.84	7,259.84	7,259.84	326.40	251.72	-94.49	-1,097.73	-5,699.32	4,452.79	4,160.90	291.89	15.255					
18,600.00	7,258.05	7,260.05	7,260.05	329.24	251.72	-94.59	-1,097.73	-5,699.32	4,552.75	4,260.78	291.97	15.593					
18,700.00	7,258.26	7,260.26	7,260.26	332.08	251.73	-94.69	-1,097.73	-5,699.32	4,652.71	4,360.65	292.06	15.931					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - ANDERSON #1-10-6-66(PA) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
18,800.00	7,258.48	7,260.48	7,260.48	334.92	251.74	-94.79	-1,097.73	-5,699.32	4,752.68	4,460.53	292.15	16.268		
18,900.00	7,258.69	7,260.69	7,260.69	337.76	251.75	-94.89	-1,097.73	-5,699.32	4,852.65	4,560.41	292.24	16.605		
19,000.00	7,258.90	7,260.90	7,260.90	340.60	251.75	-94.99	-1,097.73	-5,699.32	4,952.62	4,660.28	292.33	16.942		
19,046.19	7,259.00	7,261.00	7,261.00	341.92	251.76	-95.04	-1,097.73	-5,699.32	4,998.79	4,706.41	292.38	17.097		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - ANDERSON #32-10(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	40.00	40.00	3.28	3.35	-77.77	1,531.82	-7,066.31	7,230.44					
100.00	100.00	140.00	140.00	3.28	4.54	-77.77	1,531.82	-7,066.31	7,230.44	7,222.61	7.83	923.815		
200.00	200.00	240.00	240.00	3.34	7.40	-77.77	1,531.82	-7,066.31	7,230.44	7,219.70	10.74	673.438		
300.00	300.00	340.00	340.00	3.44	10.64	-77.77	1,531.82	-7,066.31	7,230.44	7,216.35	14.09	513.274		
400.00	399.98	439.98	439.98	3.60	14.00	157.22	1,531.82	-7,066.31	7,232.05	7,214.45	17.60	410.883		
500.00	499.84	539.84	539.84	3.79	17.41	157.20	1,531.82	-7,066.31	7,236.88	7,215.67	21.20	341.302		
600.00	599.45	639.45	639.45	4.03	20.84	157.17	1,531.82	-7,066.31	7,244.91	7,220.05	24.87	291.368		
700.00	698.70	738.70	738.70	4.30	24.27	157.12	1,531.82	-7,066.31	7,256.16	7,227.59	28.56	254.024		
800.00	797.47	837.47	837.47	4.61	27.69	157.05	1,531.82	-7,066.31	7,270.59	7,238.30	32.29	225.179		
900.00	895.62	935.62	935.62	4.95	31.09	156.97	1,531.82	-7,066.31	7,288.21	7,252.18	36.02	202.317		
1,000.00	993.06	1,033.06	1,033.06	5.33	34.47	156.87	1,531.82	-7,066.31	7,308.98	7,269.22	39.76	183.815		
1,100.00	1,090.08	1,130.08	1,130.08	5.74	37.85	156.95	1,531.82	-7,066.31	7,331.34	7,287.83	43.51	168.510		
1,200.00	1,187.11	1,227.11	1,227.11	6.17	41.22	157.02	1,531.82	-7,066.31	7,353.70	7,306.44	47.27	155.584		
1,300.00	1,284.14	1,324.14	1,324.14	6.61	44.60	157.09	1,531.82	-7,066.31	7,376.08	7,325.04	51.04	144.518		
1,400.00	1,381.17	1,421.17	1,421.17	7.07	47.98	157.16	1,531.82	-7,066.31	7,398.47	7,343.64	54.83	134.943		
1,500.00	1,478.20	1,518.20	1,518.20	7.55	51.36	157.24	1,531.82	-7,066.31	7,420.87	7,362.24	58.62	126.583		
1,600.00	1,575.23	1,615.23	1,615.23	8.03	54.74	157.31	1,531.82	-7,066.31	7,443.28	7,380.85	62.43	119.223		
1,700.00	1,672.26	1,712.26	1,712.26	8.52	58.12	157.38	1,531.82	-7,066.31	7,465.70	7,399.46	66.25	112.696		
1,800.00	1,769.29	1,809.29	1,809.29	9.01	61.50	157.45	1,531.82	-7,066.31	7,488.14	7,418.07	70.07	106.870		
1,900.00	1,866.32	1,906.32	1,906.32	9.51	64.89	157.52	1,531.82	-7,066.31	7,510.58	7,436.69	73.89	101.640		
2,000.00	1,963.35	2,003.35	2,003.35	10.02	68.27	157.59	1,531.82	-7,066.31	7,533.04	7,455.31	77.72	96.919		
2,100.00	2,060.38	2,100.38	2,100.38	10.53	71.65	157.66	1,531.82	-7,066.31	7,555.51	7,473.95	81.56	92.638		
2,200.00	2,157.41	2,202.59	2,197.41	11.04	75.22	157.73	1,531.82	-7,066.31	7,577.98	7,492.40	85.58	88.550		
2,300.00	2,254.44	2,305.56	2,294.44	11.56	78.81	157.80	1,531.82	-7,066.31	7,600.47	7,510.84	89.63	84.801		
2,400.00	2,351.47	2,408.53	2,391.47	12.07	82.40	157.87	1,531.82	-7,066.31	7,622.97	7,529.29	93.68	81.374		
2,500.00	2,448.50	2,488.50	2,488.50	12.59	85.19	157.94	1,531.82	-7,066.31	7,645.48	7,548.55	96.93	78.877		
2,600.00	2,545.53	2,585.53	2,585.53	13.12	88.58	158.00	1,531.82	-7,066.31	7,668.00	7,567.22	100.78	76.088		
2,700.00	2,642.56	2,682.56	2,682.56	13.64	91.96	158.07	1,531.82	-7,066.31	7,690.52	7,585.90	104.63	73.504		
2,800.00	2,739.59	2,779.59	2,779.59	14.17	95.35	158.14	1,531.82	-7,066.31	7,713.06	7,604.58	108.48	71.102		
2,900.00	2,836.62	2,876.62	2,876.62	14.69	98.73	158.20	1,531.82	-7,066.31	7,735.61	7,623.28	112.33	68.864		
3,000.00	2,933.65	2,973.65	2,973.65	15.22	102.12	158.27	1,531.82	-7,066.31	7,758.17	7,641.98	116.19	66.773		
3,100.00	3,030.68	3,070.68	3,070.68	15.75	105.50	158.34	1,531.82	-7,066.31	7,780.74	7,660.70	120.04	64.817		
3,200.00	3,127.71	3,167.71	3,167.71	16.28	108.89	158.40	1,531.82	-7,066.31	7,803.32	7,679.42	123.90	62.982		
3,300.00	3,224.74	3,264.74	3,264.74	16.82	112.27	158.47	1,531.82	-7,066.31	7,825.91	7,698.15	127.76	61.257		
3,400.00	3,321.76	3,361.76	3,361.76	17.35	115.66	158.53	1,531.82	-7,066.31	7,848.50	7,716.89	131.61	59.633		
3,500.00	3,418.79	3,458.79	3,458.79	17.88	119.05	158.59	1,531.82	-7,066.31	7,871.11	7,735.64	135.47	58.101		
3,600.00	3,515.82	3,555.82	3,555.82	18.42	122.43	158.66	1,531.82	-7,066.31	7,893.73	7,754.40	139.33	56.654		
3,700.00	3,612.85	3,652.85	3,652.85	18.95	125.82	158.72	1,531.82	-7,066.31	7,916.35	7,773.16	143.19	55.285		
3,800.00	3,709.88	3,749.88	3,749.88	19.49	129.20	158.79	1,531.82	-7,066.31	7,938.99	7,791.94	147.05	53.988		
3,900.00	3,806.91	3,846.91	3,846.91	20.02	132.59	158.85	1,531.82	-7,066.31	7,961.63	7,810.72	150.91	52.756		
4,000.00	3,903.94	3,943.94	3,943.94	20.56	135.98	158.91	1,531.82	-7,066.31	7,984.29	7,829.51	154.77	51.586		
4,100.00	4,000.97	4,040.97	4,040.97	21.09	139.36	158.97	1,531.82	-7,066.31	8,006.95	7,848.31	158.64	50.473		
4,200.00	4,098.00	4,138.00	4,138.00	21.63	142.75	159.03	1,531.82	-7,066.31	8,029.62	7,867.12	162.50	49.413		
4,300.00	4,195.03	4,235.03	4,235.03	22.17	146.14	159.10	1,531.82	-7,066.31	8,052.30	7,885.94	166.36	48.402		
4,400.00	4,292.06	4,332.06	4,332.06	22.71	149.52	159.16	1,531.82	-7,066.31	8,074.99	7,904.76	170.22	47.437		
4,500.00	4,389.09	4,429.09	4,429.09	23.25	152.91	159.22	1,531.82	-7,066.31	8,097.69	7,923.60	174.09	46.515		
4,600.00	4,486.12	4,526.12	4,526.12	23.78	156.30	159.28	1,531.82	-7,066.31	8,120.39	7,942.44	177.95	45.633		
4,700.00	4,583.15	4,623.15	4,623.15	24.32	159.68	159.34	1,531.82	-7,066.31	8,143.11	7,961.29	181.82	44.788		
4,800.00	4,680.18	4,720.18	4,720.18	24.86	163.07	159.40	1,531.82	-7,066.31	8,165.83	7,980.15	185.68	43.978		
4,900.00	4,777.21	4,817.21	4,817.21	25.40	166.46	159.46	1,531.82	-7,066.31	8,188.56	7,999.02	189.54	43.201		
5,000.00	4,874.24	4,914.24	4,914.24	25.94	169.84	159.52	1,531.82	-7,066.31	8,211.30	8,017.89	193.41	42.456		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - ANDERSON #32-10(PR) - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	5,011.27	5,011.27	26.48	173.23	159.57	1,531.82	-7,066.31	8,234.05	8,036.78	197.27	41.739		
5,200.00	5,068.30	5,108.30	5,108.30	27.02	176.62	159.63	1,531.82	-7,066.31	8,256.81	8,055.67	201.14	41.050		
5,300.00	5,165.33	5,205.33	5,205.33	27.56	180.00	159.69	1,531.82	-7,066.31	8,279.57	8,074.57	205.00	40.388		
5,400.00	5,262.36	5,302.36	5,302.36	28.10	183.39	159.75	1,531.82	-7,066.31	8,302.34	8,093.47	208.87	39.749		
5,500.00	5,359.39	5,400.61	5,399.39	28.64	186.82	159.81	1,531.82	-7,066.31	8,325.12	8,112.35	212.78	39.126		
5,600.00	5,456.42	5,503.58	5,496.42	29.18	190.41	159.86	1,531.82	-7,066.31	8,347.91	8,131.06	216.85	38.496		
5,700.00	5,553.45	5,606.56	5,593.45	29.72	194.01	159.92	1,531.82	-7,066.31	8,370.71	8,149.79	220.92	37.890		
5,800.00	5,650.47	5,709.53	5,690.47	30.27	197.60	159.98	1,531.82	-7,066.31	8,393.51	8,168.52	224.99	37.305		
5,900.00	5,747.50	5,787.50	5,787.50	30.81	200.32	160.03	1,531.82	-7,066.31	8,416.32	8,188.13	228.20	36.882		
6,000.00	5,844.53	5,884.53	5,884.53	31.35	203.71	160.09	1,531.82	-7,066.31	8,439.14	8,207.08	232.06	36.366		
6,100.00	5,941.56	5,981.56	5,981.56	31.89	207.10	160.14	1,531.82	-7,066.31	8,461.97	8,226.04	235.93	35.867		
6,200.00	6,038.59	6,078.59	6,078.59	32.43	210.48	160.20	1,531.82	-7,066.31	8,484.81	8,245.01	239.79	35.384		
6,300.00	6,135.62	6,175.62	6,175.62	32.97	213.87	160.25	1,531.82	-7,066.31	8,507.65	8,263.99	243.66	34.916		
6,400.00	6,232.65	6,272.65	6,272.65	33.51	217.26	160.31	1,531.82	-7,066.31	8,530.50	8,282.97	247.53	34.463		
6,500.00	6,329.68	6,369.68	6,369.68	34.06	220.64	160.36	1,531.82	-7,066.31	8,553.36	8,301.96	251.39	34.024		
6,600.00	6,426.71	6,466.71	6,466.71	34.60	224.03	160.42	1,531.82	-7,066.31	8,576.22	8,320.96	255.26	33.598		
6,655.36	6,480.43	6,520.43	6,520.43	34.90	225.91	160.45	1,531.82	-7,066.31	8,588.88	8,331.48	257.40	33.368		
6,700.00	6,524.01	6,564.01	6,564.01	35.13	227.43	148.05	1,531.82	-7,066.31	8,597.62	8,338.50	259.13	33.179		
6,750.00	6,573.29	6,613.29	6,613.29	35.36	229.15	125.42	1,531.82	-7,066.31	8,603.90	8,342.83	261.07	32.956		
6,800.00	6,622.76	6,662.76	6,662.76	35.56	230.88	95.05	1,531.82	-7,066.31	8,606.43	8,343.42	263.01	32.723		
6,850.00	6,672.13	6,712.13	6,712.13	35.73	232.60	69.73	1,531.82	-7,066.31	8,605.19	8,340.28	264.91	32.483		
6,900.00	6,721.08	6,761.08	6,761.08	35.88	234.31	54.45	1,531.82	-7,066.31	8,600.20	8,333.42	266.78	32.237		
6,950.00	6,769.31	6,809.31	6,809.31	36.03	235.99	45.65	1,531.82	-7,066.31	8,591.50	8,322.90	268.60	31.986		
7,000.00	6,816.53	6,856.53	6,856.53	36.18	237.64	40.37	1,531.82	-7,066.31	8,579.13	8,308.77	270.36	31.732		
7,050.00	6,862.44	6,902.44	6,902.44	36.34	239.24	37.10	1,531.82	-7,066.31	8,563.18	8,291.13	272.05	31.476		
7,100.00	6,906.77	6,946.77	6,946.77	36.50	240.79	35.10	1,531.82	-7,066.31	8,543.75	8,270.08	273.67	31.219		
7,150.00	6,949.23	6,989.23	6,989.23	36.68	242.27	33.97	1,531.82	-7,066.31	8,520.97	8,245.76	275.21	30.962		
7,200.00	6,989.58	7,029.58	7,029.58	36.87	243.68	33.51	1,531.82	-7,066.31	8,494.97	8,218.31	276.66	30.706		
7,250.00	7,027.55	7,067.55	7,067.55	37.09	245.00	33.62	1,531.82	-7,066.31	8,465.92	8,187.91	278.01	30.452		
7,300.00	7,062.91	7,102.91	7,102.91	37.32	246.24	34.24	1,531.82	-7,066.31	8,434.01	8,154.75	279.25	30.202		
7,350.00	7,095.45	7,135.45	7,135.45	37.59	247.38	35.40	1,531.82	-7,066.31	8,399.43	8,119.03	280.40	29.956		
7,400.00	7,124.97	7,164.97	7,164.97	37.88	248.41	37.15	1,531.82	-7,066.31	8,362.39	8,080.97	281.43	29.714		
7,450.00	7,151.28	7,208.72	7,191.28	38.21	249.93	39.57	1,531.82	-7,066.31	8,323.14	8,040.19	282.95	29.415		
7,500.00	7,174.22	7,214.22	7,214.22	38.58	250.12	42.84	1,531.82	-7,066.31	8,281.91	7,998.76	283.14	29.250		
7,550.00	7,193.65	7,233.65	7,233.65	38.98	250.80	47.17	1,531.82	-7,066.31	8,238.95	7,955.13	283.82	29.028		
7,600.00	7,209.45	7,249.45	7,249.45	39.43	251.35	52.87	1,531.82	-7,066.31	8,194.54	7,910.15	284.39	28.815		
7,650.00	7,221.52	7,261.52	7,261.52	39.91	251.78	60.32	1,531.82	-7,066.31	8,148.94	7,864.11	284.83	28.610		
7,700.00	7,229.79	7,269.79	7,269.79	40.42	252.06	69.88	1,531.82	-7,066.31	8,102.44	7,817.29	285.15	28.415		
7,750.00	7,234.21	7,274.21	7,274.21	40.97	252.22	81.61	1,531.82	-7,066.31	8,055.32	7,769.97	285.35	28.230		
7,780.56	7,235.00	7,275.00	7,275.00	41.32	252.25	89.63	1,531.82	-7,066.31	8,026.34	7,740.93	285.41	28.122		
7,800.00	7,235.04	7,275.04	7,275.04	41.54	252.25	89.63	1,531.82	-7,066.31	8,007.88	7,722.45	285.43	28.055		
7,900.00	7,235.26	7,275.26	7,275.26	42.82	252.26	89.64	1,531.82	-7,066.31	7,913.01	7,627.42	285.58	27.708		
8,000.00	7,235.47	7,275.47	7,275.47	44.25	252.26	89.64	1,531.82	-7,066.31	7,818.26	7,532.50	285.76	27.359		
8,100.00	7,235.68	7,275.68	7,275.68	45.82	252.27	89.65	1,531.82	-7,066.31	7,723.65	7,437.66	285.98	27.007		
8,200.00	7,235.90	7,275.90	7,275.90	47.52	252.28	89.65	1,531.82	-7,066.31	7,629.17	7,342.93	286.24	26.653		
8,300.00	7,236.11	7,276.11	7,276.11	49.34	252.29	89.66	1,531.82	-7,066.31	7,534.83	7,248.30	286.53	26.297		
8,400.00	7,236.32	7,276.32	7,276.32	51.25	252.29	89.66	1,531.82	-7,066.31	7,440.65	7,153.78	286.87	25.938		
8,500.00	7,236.54	7,276.54	7,276.54	53.26	252.30	89.67	1,531.82	-7,066.31	7,346.62	7,059.37	287.24	25.576		
8,600.00	7,236.75	7,276.75	7,276.75	55.34	252.31	89.67	1,531.82	-7,066.31	7,252.74	6,965.08	287.66	25.212		
8,700.00	7,236.96	7,276.96	7,276.96	57.50	252.32	89.67	1,531.82	-7,066.31	7,159.04	6,870.90	288.13	24.846		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - ANDERSON #32-10(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	7,277.17	7,277.17	59.71	252.32	89.68	1,531.82	-7,066.31	7,065.50	6,776.85	288.65	24.478		
8,900.00	7,237.39	7,277.39	7,277.39	61.98	252.33	89.68	1,531.82	-7,066.31	6,972.15	6,682.93	289.21	24.107		
9,000.00	7,237.60	7,277.60	7,277.60	64.29	252.34	89.69	1,531.82	-7,066.31	6,878.98	6,589.15	289.83	23.735		
9,100.00	7,237.81	7,277.81	7,277.81	66.65	252.34	89.69	1,531.82	-7,066.31	6,786.00	6,495.51	290.50	23.360		
9,200.00	7,238.03	7,278.03	7,278.03	69.05	252.35	89.70	1,531.82	-7,066.31	6,693.23	6,402.01	291.22	22.983		
9,300.00	7,238.24	7,278.24	7,278.24	71.48	252.36	89.70	1,531.82	-7,066.31	6,600.67	6,308.67	292.00	22.605		
9,400.00	7,238.45	7,278.45	7,278.45	73.95	252.37	89.71	1,531.82	-7,066.31	6,508.33	6,215.50	292.84	22.225		
9,500.00	7,238.67	7,278.67	7,278.67	76.44	252.37	89.71	1,531.82	-7,066.31	6,416.22	6,122.49	293.73	21.844		
9,600.00	7,238.88	7,278.88	7,278.88	78.96	252.38	89.72	1,531.82	-7,066.31	6,324.35	6,029.66	294.69	21.461		
9,700.00	7,239.09	7,279.09	7,279.09	81.50	252.39	89.72	1,531.82	-7,066.31	6,232.73	5,937.03	295.70	21.078		
9,800.00	7,239.30	7,279.30	7,279.30	84.06	252.40	89.73	1,531.82	-7,066.31	6,141.37	5,844.59	296.79	20.693		
9,900.00	7,239.52	7,279.52	7,279.52	86.64	252.40	89.73	1,531.82	-7,066.31	6,050.29	5,752.35	297.93	20.308		
10,000.00	7,239.73	7,279.73	7,279.73	89.23	252.41	89.74	1,531.82	-7,066.31	5,959.49	5,660.34	299.14	19.922		
10,100.00	7,239.94	7,279.94	7,279.94	91.85	252.42	89.74	1,531.82	-7,066.31	5,868.98	5,568.56	300.43	19.536		
10,200.00	7,240.16	7,280.16	7,280.16	94.47	252.43	89.75	1,531.82	-7,066.31	5,778.80	5,477.02	301.78	19.149		
10,300.00	7,240.37	7,280.37	7,280.37	97.11	252.43	89.75	1,531.82	-7,066.31	5,688.94	5,385.74	303.20	18.763		
10,400.00	7,240.58	7,280.58	7,280.58	99.76	252.44	89.76	1,531.82	-7,066.31	5,599.42	5,294.72	304.70	18.377		
10,500.00	7,240.80	7,280.80	7,280.80	102.43	252.45	89.76	1,531.82	-7,066.31	5,510.27	5,204.00	306.27	17.992		
10,600.00	7,241.01	7,281.01	7,281.01	105.10	252.46	89.77	1,531.82	-7,066.31	5,421.49	5,113.57	307.92	17.607		
10,700.00	7,241.22	7,281.22	7,281.22	107.79	252.46	89.77	1,531.82	-7,066.31	5,333.11	5,023.46	309.65	17.223		
10,800.00	7,241.43	7,281.43	7,281.43	110.48	252.47	89.78	1,531.82	-7,066.31	5,245.15	4,933.69	311.46	16.841		
10,900.00	7,241.65	7,281.65	7,281.65	113.18	252.48	89.78	1,531.82	-7,066.31	5,157.62	4,844.27	313.35	16.459		
11,000.00	7,241.86	7,281.86	7,281.86	115.89	252.49	89.79	1,531.82	-7,066.31	5,070.56	4,755.23	315.33	16.080		
11,100.00	7,242.07	7,282.07	7,282.07	118.60	252.49	89.79	1,531.82	-7,066.31	4,983.99	4,666.58	317.40	15.702		
11,200.00	7,242.29	7,282.29	7,282.29	121.32	252.50	89.80	1,531.82	-7,066.31	4,897.92	4,578.36	319.57	15.327		
11,300.00	7,242.50	7,282.50	7,282.50	124.05	252.51	89.80	1,531.82	-7,066.31	4,812.39	4,490.57	321.82	14.954		
11,400.00	7,242.71	7,282.71	7,282.71	126.78	252.52	89.81	1,531.82	-7,066.31	4,727.44	4,403.26	324.17	14.583		
11,500.00	7,242.93	7,282.93	7,282.93	129.52	252.52	89.81	1,531.82	-7,066.31	4,643.08	4,316.45	326.62	14.215		
11,600.00	7,243.14	7,283.14	7,283.14	132.27	252.53	89.82	1,531.82	-7,066.31	4,559.35	4,230.18	329.18	13.851		
11,700.00	7,243.35	7,283.35	7,283.35	135.02	252.54	89.82	1,531.82	-7,066.31	4,476.29	4,144.46	331.83	13.490		
11,800.00	7,243.57	7,283.57	7,283.57	137.77	252.55	89.83	1,531.82	-7,066.31	4,393.94	4,059.34	334.60	13.132		
11,900.00	7,243.78	7,283.78	7,283.78	140.53	252.55	89.83	1,531.82	-7,066.31	4,312.33	3,974.85	337.48	12.778		
12,000.00	7,243.99	7,283.99	7,283.99	143.29	252.56	89.83	1,531.82	-7,066.31	4,231.52	3,891.04	340.47	12.428		
12,100.00	7,244.20	7,284.20	7,284.20	146.05	252.57	89.84	1,531.82	-7,066.31	4,151.53	3,807.95	343.58	12.083		
12,200.00	7,244.42	7,284.42	7,284.42	148.82	252.58	89.84	1,531.82	-7,066.31	4,072.44	3,725.62	346.81	11.742		
12,300.00	7,244.63	7,284.63	7,284.63	151.60	252.58	89.85	1,531.82	-7,066.31	3,994.28	3,644.11	350.17	11.407		
12,400.00	7,244.84	7,284.84	7,284.84	154.37	252.59	89.85	1,531.82	-7,066.31	3,917.11	3,563.46	353.65	11.076		
12,500.00	7,245.06	7,285.06	7,285.06	157.15	252.60	89.86	1,531.82	-7,066.31	3,841.00	3,483.74	357.26	10.751		
12,600.00	7,245.27	7,285.27	7,285.27	159.93	252.61	89.86	1,531.82	-7,066.31	3,766.01	3,405.01	361.00	10.432		
12,700.00	7,245.48	7,285.48	7,285.48	162.71	252.61	89.87	1,531.82	-7,066.31	3,692.20	3,327.33	364.87	10.119		
12,800.00	7,245.70	7,285.70	7,285.70	165.50	252.62	89.87	1,531.82	-7,066.31	3,619.64	3,250.77	368.88	9.813		
12,900.00	7,245.91	7,285.91	7,285.91	168.29	252.63	89.88	1,531.82	-7,066.31	3,548.43	3,175.41	373.02	9.513		
13,000.00	7,246.12	7,286.12	7,286.12	171.08	252.63	89.88	1,531.82	-7,066.31	3,478.63	3,101.34	377.29	9.220		
13,100.00	7,246.33	7,286.33	7,286.33	173.87	252.64	89.89	1,531.82	-7,066.31	3,410.33	3,028.63	381.70	8.935		
13,200.00	7,246.55	7,286.55	7,286.55	176.67	252.65	89.89	1,531.82	-7,066.31	3,343.63	2,957.39	386.24	8.657		
13,300.00	7,246.76	7,286.76	7,286.76	179.47	252.66	89.90	1,531.82	-7,066.31	3,278.62	2,887.72	390.90	8.387		
13,400.00	7,246.97	7,286.97	7,286.97	182.27	252.66	89.90	1,531.82	-7,066.31	3,215.41	2,819.72	395.69	8.126		
13,500.00	7,247.19	7,287.19	7,287.19	185.07	252.67	89.91	1,531.82	-7,066.31	3,154.11	2,753.51	400.60	7.874		
13,600.00	7,247.40	7,287.40	7,287.40	187.87	252.68	89.91	1,531.82	-7,066.31	3,094.82	2,689.21	405.61	7.630		
13,700.00	7,247.61	7,287.61	7,287.61	190.68	252.69	89.92	1,531.82	-7,066.31	3,037.67	2,626.94	410.72	7.396		
13,800.00	7,247.83	7,287.83	7,287.83	193.48	252.69	89.92	1,531.82	-7,066.31	2,982.77	2,566.85	415.92	7.172		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - ANDERSON #32-10(PR) - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
13,900.00	7,248.04	7,288.04	7,288.04	196.29	252.70	89.93	1,531.82	-7,066.31	2,930.26	2,509.08	421.19	6.957					
14,000.00	7,248.25	7,288.25	7,288.25	199.10	252.71	89.93	1,531.82	-7,066.31	2,880.27	2,453.76	426.51	6.753					
14,100.00	7,248.46	7,288.46	7,288.46	201.91	252.72	89.94	1,531.82	-7,066.31	2,832.92	2,401.07	431.86	6.560					
14,200.00	7,248.68	7,288.68	7,288.68	204.72	252.72	89.94	1,531.82	-7,066.31	2,788.36	2,351.14	437.22	6.377					
14,300.00	7,248.89	7,288.89	7,288.89	207.53	252.73	89.95	1,531.82	-7,066.31	2,746.72	2,304.16	442.57	6.206					
14,400.00	7,249.10	7,289.10	7,289.10	210.35	252.74	89.95	1,531.82	-7,066.31	2,708.13	2,260.27	447.87	6.047					
14,500.00	7,249.32	7,289.32	7,289.32	213.16	252.75	89.96	1,531.82	-7,066.31	2,672.73	2,219.64	453.09	5.899					
14,600.00	7,249.53	7,289.53	7,289.53	215.98	252.75	89.96	1,531.82	-7,066.31	2,640.64	2,182.43	458.22	5.763					
14,700.00	7,249.74	7,289.74	7,289.74	218.80	252.76	89.97	1,531.82	-7,066.31	2,611.99	2,148.80	463.20	5.639					
14,800.00	7,249.96	7,289.96	7,289.96	221.62	252.77	89.97	1,531.82	-7,066.31	2,586.89	2,118.89	468.00	5.528					
14,900.00	7,250.17	7,309.83	7,290.17	224.44	253.46	89.98	1,531.82	-7,066.31	2,565.45	2,092.17	473.28	5.421					
15,000.00	7,250.38	7,309.62	7,290.38	227.26	253.46	89.98	1,531.82	-7,066.31	2,547.75	2,070.13	477.62	5.334					
15,100.00	7,250.59	7,309.41	7,290.59	230.08	253.45	89.99	1,531.82	-7,066.31	2,533.88	2,052.19	481.69	5.260					
15,200.00	7,250.81	7,309.19	7,290.81	232.90	253.44	89.99	1,531.82	-7,066.31	2,523.90	2,038.45	485.45	5.199					
15,300.00	7,251.02	7,308.98	7,291.02	235.72	253.43	90.00	1,531.82	-7,066.31	2,517.85	2,028.97	488.88	5.150					
15,400.00	7,251.23	7,308.77	7,291.23	238.55	253.43	90.00	1,531.82	-7,066.31	2,515.77	2,023.80	491.96	5.114					
15,402.46	7,251.24	7,308.76	7,291.24	238.62	253.43	90.00	1,531.82	-7,066.31	2,515.76	2,023.73	492.04	5.113 CC					
15,500.00	7,251.45	7,308.55	7,291.45	241.37	253.42	90.00	1,531.82	-7,066.31	2,517.66	2,022.97	494.68	5.089 ES					
15,600.00	7,251.66	7,308.34	7,291.66	244.20	253.41	90.01	1,531.82	-7,066.31	2,523.51	2,026.49	497.02	5.077					
15,700.00	7,251.87	7,308.13	7,291.87	247.03	253.40	90.01	1,531.82	-7,066.31	2,533.30	2,034.33	498.97	5.077 SF					
15,800.00	7,252.09	7,307.91	7,292.09	249.85	253.40	90.02	1,531.82	-7,066.31	2,546.98	2,046.44	500.54	5.088					
15,900.00	7,252.30	7,307.70	7,292.30	252.68	253.39	90.02	1,531.82	-7,066.31	2,564.49	2,062.77	501.73	5.111					
16,000.00	7,252.51	7,307.49	7,292.51	255.51	253.38	90.03	1,531.82	-7,066.31	2,585.76	2,083.21	502.54	5.145					
16,100.00	7,252.72	7,307.28	7,292.72	258.34	253.37	90.03	1,531.82	-7,066.31	2,610.68	2,107.67	503.01	5.190					
16,200.00	7,252.94	7,307.06	7,292.94	261.17	253.37	90.04	1,531.82	-7,066.31	2,639.16	2,136.03	503.13	5.245					
16,300.00	7,253.15	7,306.85	7,293.15	264.00	253.36	90.04	1,531.82	-7,066.31	2,671.08	2,168.14	502.93	5.311					
16,400.00	7,253.36	7,306.64	7,293.36	266.83	253.35	90.05	1,531.82	-7,066.31	2,706.32	2,203.87	502.45	5.386					
16,500.00	7,253.58	7,306.42	7,293.58	269.66	253.34	90.05	1,531.82	-7,066.31	2,744.75	2,243.07	501.69	5.471					
16,600.00	7,253.79	7,306.21	7,293.79	272.50	253.34	90.06	1,531.82	-7,066.31	2,786.25	2,285.56	500.68	5.565					
16,700.00	7,254.00	7,306.00	7,294.00	275.33	253.33	90.06	1,531.82	-7,066.31	2,830.67	2,331.21	499.46	5.667					
16,800.00	7,254.22	7,305.78	7,294.22	278.16	253.32	90.07	1,531.82	-7,066.31	2,877.88	2,379.83	498.05	5.778					
16,900.00	7,254.43	7,305.57	7,294.43	281.00	253.31	90.07	1,531.82	-7,066.31	2,927.75	2,431.29	496.46	5.897					
17,000.00	7,254.64	7,305.36	7,294.64	283.83	253.31	90.08	1,531.82	-7,066.31	2,980.14	2,485.41	494.73	6.024					
17,100.00	7,254.85	7,305.15	7,294.85	286.67	253.30	90.08	1,531.82	-7,066.31	3,034.92	2,542.04	492.88	6.158					
17,200.00	7,255.07	7,304.93	7,295.07	289.50	253.29	90.09	1,531.82	-7,066.31	3,091.96	2,601.04	490.92	6.298					
17,300.00	7,255.28	7,304.72	7,295.28	292.34	253.28	90.09	1,531.82	-7,066.31	3,151.15	2,662.27	488.88	6.446					
17,400.00	7,255.49	7,304.51	7,295.49	295.17	253.28	90.10	1,531.82	-7,066.31	3,212.36	2,725.59	486.77	6.599					
17,500.00	7,255.71	7,304.29	7,295.71	298.01	253.27	90.10	1,531.82	-7,066.31	3,275.48	2,790.87	484.61	6.759					
17,600.00	7,255.92	7,304.08	7,295.92	300.85	253.26	90.11	1,531.82	-7,066.31	3,340.40	2,857.99	482.41	6.924					
17,700.00	7,256.13	7,303.87	7,296.13	303.68	253.25	90.11	1,531.82	-7,066.31	3,407.02	2,926.83	480.19	7.095					
17,800.00	7,256.35	7,303.65	7,296.35	306.52	253.25	90.12	1,531.82	-7,066.31	3,475.24	2,997.29	477.95	7.271					
17,900.00	7,256.56	7,303.44	7,296.56	309.36	253.24	90.12	1,531.82	-7,066.31	3,544.96	3,069.26	475.71	7.452					
18,000.00	7,256.77	7,303.23	7,296.77	312.20	253.23	90.13	1,531.82	-7,066.31	3,616.11	3,142.64	473.47	7.637					
18,100.00	7,256.98	7,303.02	7,296.98	315.04	253.22	90.13	1,531.82	-7,066.31	3,688.60	3,217.36	471.25	7.827					
18,200.00	7,257.20	7,302.80	7,297.20	317.88	253.22	90.14	1,531.82	-7,066.31	3,762.35	3,293.31	469.04	8.021					
18,300.00	7,257.41	7,302.59	7,297.41	320.72	253.21	90.14	1,531.82	-7,066.31	3,837.29	3,370.44	466.85	8.220					
18,400.00	7,257.62	7,302.38	7,297.62	323.56	253.20	90.15	1,531.82	-7,066.31	3,913.35	3,448.66	464.69	8.421					
18,500.00	7,257.84	7,302.16	7,297.84	326.40	253.19	90.15	1,531.82	-7,066.31	3,990.46	3,527.90	462.56	8.627					
18,600.00	7,258.05	7,301.95	7,298.05	329.24	253.19	90.16	1,531.82	-7,066.31	4,068.58	3,608.11	460.47	8.836					
18,700.00	7,258.26	7,301.74	7,298.26	332.08	253.18	90.16	1,531.82	-7,066.31	4,147.63	3,689.22	458.41	9.048					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - ANDERSON #32-10(PR) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>			<b>Distance</b>						<b>Warning</b>	
<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Reference (ft)</b>	<b>Offset (ft)</b>	<b>Highside Toolface (")</b>	<b>Offset Wellbore Centre +N/-S (ft)</b>	<b>Offset Wellbore Centre +E/-W (ft)</b>	<b>Between Centres (ft)</b>	<b>Between Ellipses (ft)</b>	<b>Minimum Separation (ft)</b>	<b>Separation Factor</b>		
18,800.00	7,258.48	7,301.52	7,298.48	334.92	253.17	90.16	1,531.82	-7,066.31	4,227.57	3,771.18	456.39	9.263		
18,900.00	7,258.69	7,301.31	7,298.69	337.76	253.17	90.17	1,531.82	-7,066.31	4,308.34	3,853.94	454.40	9.481		
19,000.00	7,258.90	7,301.10	7,298.90	340.60	253.16	90.17	1,531.82	-7,066.31	4,389.91	3,937.45	452.46	9.702		
19,046.19	7,259.00	7,301.00	7,299.00	341.92	253.15	90.18	1,531.82	-7,066.31	4,427.84	3,976.26	451.58	9.805		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - ANDERSON #42-10(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	30.00	30.00	3.28	3.32	-76.84	1,338.40	-5,723.23	5,877.64					
100.00	100.00	130.00	130.00	3.28	4.31	-76.84	1,338.40	-5,723.23	5,877.64	5,870.05	7.59	774.126		
200.00	200.00	230.00	230.00	3.34	7.09	-76.84	1,338.40	-5,723.23	5,877.64	5,867.21	10.43	563.782		
300.00	300.00	330.00	330.00	3.44	10.31	-76.84	1,338.40	-5,723.23	5,877.64	5,863.88	13.76	427.298		
400.00	399.98	429.98	429.98	3.60	13.66	158.16	1,338.40	-5,723.23	5,879.26	5,862.00	17.26	340.588		
500.00	499.84	529.84	529.84	3.79	17.07	158.14	1,338.40	-5,723.23	5,884.12	5,863.26	20.86	282.063		
600.00	599.45	629.45	629.45	4.03	20.49	158.11	1,338.40	-5,723.23	5,892.21	5,867.69	24.52	240.297		
700.00	698.70	728.70	728.70	4.30	23.92	158.07	1,338.40	-5,723.23	5,903.53	5,875.31	28.22	209.204		
800.00	797.47	827.47	827.47	4.61	27.34	158.02	1,338.40	-5,723.23	5,918.06	5,886.12	31.94	185.279		
900.00	895.62	925.62	925.62	4.95	30.74	157.95	1,338.40	-5,723.23	5,935.80	5,900.12	35.68	166.380		
1,000.00	993.06	1,023.06	1,023.06	5.33	34.13	157.87	1,338.40	-5,723.23	5,956.71	5,917.30	39.41	151.130		
1,100.00	1,090.08	1,120.08	1,120.08	5.74	37.50	157.96	1,338.40	-5,723.23	5,979.22	5,936.07	43.16	138.544		
1,200.00	1,187.11	1,217.11	1,217.11	6.17	40.88	158.04	1,338.40	-5,723.23	6,001.75	5,954.83	46.91	127.929		
1,300.00	1,284.14	1,314.14	1,314.14	6.61	44.25	158.13	1,338.40	-5,723.23	6,024.28	5,973.60	50.69	118.850		
1,400.00	1,381.17	1,411.17	1,411.17	7.07	47.63	158.21	1,338.40	-5,723.23	6,046.83	5,992.36	54.47	111.004		
1,500.00	1,478.20	1,508.20	1,508.20	7.55	51.01	158.30	1,338.40	-5,723.23	6,069.39	6,011.12	58.27	104.158		
1,600.00	1,575.23	1,605.23	1,605.23	8.03	54.39	158.38	1,338.40	-5,723.23	6,091.97	6,029.89	62.08	98.135		
1,700.00	1,672.26	1,702.26	1,702.26	8.52	57.77	158.47	1,338.40	-5,723.23	6,114.56	6,048.66	65.89	92.799		
1,800.00	1,769.29	1,800.71	1,799.29	9.01	61.21	158.55	1,338.40	-5,723.23	6,137.15	6,067.39	69.76	87.976		
1,900.00	1,866.32	1,903.68	1,896.32	9.51	64.80	158.63	1,338.40	-5,723.23	6,159.77	6,085.97	73.79	83.475		
2,000.00	1,963.35	2,006.65	1,993.35	10.02	68.39	158.71	1,338.40	-5,723.23	6,182.39	6,104.56	77.83	79.435		
2,100.00	2,060.38	2,109.62	2,090.38	10.53	71.98	158.79	1,338.40	-5,723.23	6,205.02	6,123.15	81.87	75.791		
2,200.00	2,157.41	2,187.41	2,187.41	11.04	74.69	158.87	1,338.40	-5,723.23	6,227.67	6,142.63	85.04	73.235		
2,300.00	2,254.44	2,284.44	2,284.44	11.56	78.07	158.95	1,338.40	-5,723.23	6,250.33	6,161.45	88.88	70.326		
2,400.00	2,351.47	2,381.47	2,381.47	12.07	81.46	159.03	1,338.40	-5,723.23	6,273.00	6,180.28	92.72	67.656		
2,500.00	2,448.50	2,478.50	2,478.50	12.59	84.84	159.11	1,338.40	-5,723.23	6,295.68	6,199.11	96.56	65.197		
2,600.00	2,545.53	2,575.53	2,575.53	13.12	88.23	159.19	1,338.40	-5,723.23	6,318.37	6,217.96	100.41	62.925		
2,700.00	2,642.56	2,672.56	2,672.56	13.64	91.61	159.27	1,338.40	-5,723.23	6,341.07	6,236.81	104.26	60.820		
2,800.00	2,739.59	2,769.59	2,769.59	14.17	95.00	159.34	1,338.40	-5,723.23	6,363.79	6,255.68	108.11	58.864		
2,900.00	2,836.62	2,866.62	2,866.62	14.69	98.38	159.42	1,338.40	-5,723.23	6,386.51	6,274.55	111.96	57.042		
3,000.00	2,933.65	2,963.65	2,963.65	15.22	101.77	159.49	1,338.40	-5,723.23	6,409.25	6,293.43	115.81	55.341		
3,100.00	3,030.68	3,060.68	3,060.68	15.75	105.15	159.57	1,338.40	-5,723.23	6,431.99	6,312.33	119.67	53.749		
3,200.00	3,127.71	3,157.71	3,157.71	16.28	108.54	159.64	1,338.40	-5,723.23	6,454.75	6,331.23	123.52	52.255		
3,300.00	3,224.74	3,254.74	3,254.74	16.82	111.93	159.72	1,338.40	-5,723.23	6,477.52	6,350.14	127.38	50.852		
3,400.00	3,321.76	3,351.76	3,351.76	17.35	115.31	159.79	1,338.40	-5,723.23	6,500.30	6,369.06	131.24	49.532		
3,500.00	3,418.79	3,448.79	3,448.79	17.88	118.70	159.86	1,338.40	-5,723.23	6,523.08	6,387.99	135.09	48.286		
3,600.00	3,515.82	3,545.82	3,545.82	18.42	122.08	159.94	1,338.40	-5,723.23	6,545.88	6,406.93	138.95	47.109		
3,700.00	3,612.85	3,642.85	3,642.85	18.95	125.47	160.01	1,338.40	-5,723.23	6,568.69	6,425.88	142.81	45.996		
3,800.00	3,709.88	3,739.88	3,739.88	19.49	128.86	160.08	1,338.40	-5,723.23	6,591.51	6,444.84	146.67	44.941		
3,900.00	3,806.91	3,836.91	3,836.91	20.02	132.24	160.15	1,338.40	-5,723.23	6,614.33	6,463.81	150.53	43.941		
4,000.00	3,903.94	3,933.94	3,933.94	20.56	135.63	160.22	1,338.40	-5,723.23	6,637.17	6,482.78	154.39	42.990		
4,100.00	4,000.97	4,030.97	4,030.97	21.09	139.01	160.29	1,338.40	-5,723.23	6,660.02	6,501.77	158.25	42.086		
4,200.00	4,098.00	4,128.00	4,128.00	21.63	142.40	160.36	1,338.40	-5,723.23	6,682.88	6,520.77	162.11	41.224		
4,300.00	4,195.03	4,225.03	4,225.03	22.17	145.79	160.43	1,338.40	-5,723.23	6,705.74	6,539.77	165.97	40.403		
4,400.00	4,292.06	4,322.06	4,322.06	22.71	149.17	160.50	1,338.40	-5,723.23	6,728.62	6,558.78	169.83	39.619		
4,500.00	4,389.09	4,419.09	4,419.09	23.25	152.56	160.57	1,338.40	-5,723.23	6,751.50	6,577.80	173.69	38.870		
4,600.00	4,486.12	4,516.12	4,516.12	23.78	155.95	160.64	1,338.40	-5,723.23	6,774.39	6,596.84	177.56	38.153		
4,700.00	4,583.15	4,613.15	4,613.15	24.32	159.33	160.70	1,338.40	-5,723.23	6,797.29	6,615.88	181.42	37.467		
4,800.00	4,680.18	4,710.18	4,710.18	24.86	162.72	160.77	1,338.40	-5,723.23	6,820.21	6,634.92	185.28	36.810		
4,900.00	4,777.21	4,807.21	4,807.21	25.40	166.11	160.84	1,338.40	-5,723.23	6,843.13	6,653.98	189.14	36.179		
5,000.00	4,874.24	4,904.24	4,904.24	25.94	169.49	160.90	1,338.40	-5,723.23	6,866.05	6,673.05	193.01	35.574		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - ANDERSON #42-10(PR) - OH - OH														Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
5,100.00	4,971.27	5,001.27	5,001.27	26.48	172.88	160.97	1,338.40	-5,723.23	6,888.99	6,692.12	196.87	34.993			
5,200.00	5,068.30	5,101.70	5,098.30	27.02	176.39	161.03	1,338.40	-5,723.23	6,911.94	6,711.08	200.85	34.413			
5,300.00	5,165.33	5,204.67	5,195.33	27.56	179.98	161.10	1,338.40	-5,723.23	6,934.89	6,729.97	204.92	33.841			
5,400.00	5,262.36	5,307.64	5,292.36	28.10	183.57	161.16	1,338.40	-5,723.23	6,957.85	6,748.86	208.99	33.292			
5,500.00	5,359.39	5,389.39	5,389.39	28.64	186.43	161.23	1,338.40	-5,723.23	6,980.82	6,768.50	212.32	32.878			
5,600.00	5,456.42	5,486.42	5,486.42	29.18	189.81	161.29	1,338.40	-5,723.23	7,003.80	6,787.62	216.19	32.397			
5,700.00	5,553.45	5,583.45	5,583.45	29.72	193.20	161.35	1,338.40	-5,723.23	7,026.79	6,806.74	220.05	31.932			
5,800.00	5,650.47	5,680.47	5,680.47	30.27	196.59	161.42	1,338.40	-5,723.23	7,049.79	6,825.87	223.92	31.484			
5,900.00	5,747.50	5,777.50	5,777.50	30.81	199.97	161.48	1,338.40	-5,723.23	7,072.79	6,845.01	227.78	31.051			
6,000.00	5,844.53	5,874.53	5,874.53	31.35	203.36	161.54	1,338.40	-5,723.23	7,095.80	6,864.16	231.65	30.632			
6,100.00	5,941.56	5,971.56	5,971.56	31.89	206.75	161.60	1,338.40	-5,723.23	7,118.82	6,883.31	235.51	30.227			
6,200.00	6,038.59	6,068.59	6,068.59	32.43	210.14	161.66	1,338.40	-5,723.23	7,141.85	6,902.47	239.37	29.835			
6,300.00	6,135.62	6,165.62	6,165.62	32.97	213.52	161.72	1,338.40	-5,723.23	7,164.88	6,921.64	243.24	29.456			
6,400.00	6,232.65	6,262.65	6,262.65	33.51	216.91	161.78	1,338.40	-5,723.23	7,187.92	6,940.82	247.10	29.089			
6,500.00	6,329.68	6,359.68	6,359.68	34.06	220.30	161.84	1,338.40	-5,723.23	7,210.97	6,960.01	250.97	28.733			
6,600.00	6,426.71	6,456.71	6,456.71	34.60	223.68	161.90	1,338.40	-5,723.23	7,234.03	6,979.20	254.83	28.387			
6,655.36	6,480.43	6,510.43	6,510.43	34.90	225.56	161.94	1,338.40	-5,723.23	7,246.80	6,989.83	256.97	28.201			
6,700.00	6,524.01	6,554.01	6,554.01	35.13	227.08	149.52	1,338.40	-5,723.23	7,255.64	6,996.94	258.70	28.046			
6,750.00	6,573.29	6,603.29	6,603.29	35.36	228.80	126.87	1,338.40	-5,723.23	7,262.06	7,001.41	260.65	27.862			
6,800.00	6,622.76	6,652.76	6,652.76	35.56	230.53	96.50	1,338.40	-5,723.23	7,264.75	7,002.17	262.58	27.667			
6,850.00	6,672.13	6,702.13	6,702.13	35.73	232.25	71.20	1,338.40	-5,723.23	7,263.72	6,999.23	264.49	27.464			
6,900.00	6,721.08	6,751.08	6,751.08	35.88	233.96	55.93	1,338.40	-5,723.23	7,258.96	6,992.61	266.35	27.253			
6,950.00	6,769.31	6,800.69	6,799.31	36.03	235.69	47.15	1,338.40	-5,723.23	7,250.51	6,982.29	268.22	27.032			
7,000.00	6,816.53	6,846.53	6,846.53	36.18	237.29	41.91	1,338.40	-5,723.23	7,238.44	6,968.50	269.93	26.816			
7,050.00	6,862.44	6,907.56	6,892.44	36.34	239.42	38.69	1,338.40	-5,723.23	7,222.80	6,950.65	272.16	26.539			
7,100.00	6,906.77	6,936.77	6,936.77	36.50	240.44	36.75	1,338.40	-5,723.23	7,203.72	6,930.47	273.25	26.363			
7,150.00	6,949.23	6,979.23	6,979.23	36.68	241.92	35.69	1,338.40	-5,723.23	7,181.31	6,906.52	274.79	26.134			
7,200.00	6,989.58	7,019.58	7,019.58	36.87	243.33	35.31	1,338.40	-5,723.23	7,155.71	6,879.47	276.23	25.904			
7,250.00	7,027.55	7,057.55	7,057.55	37.09	244.66	35.51	1,338.40	-5,723.23	7,127.08	6,849.50	277.59	25.675			
7,300.00	7,062.91	7,107.09	7,092.91	37.32	246.39	36.24	1,338.40	-5,723.23	7,095.62	6,816.29	279.33	25.402			
7,350.00	7,095.45	7,125.45	7,125.45	37.59	247.03	37.53	1,338.40	-5,723.23	7,061.51	6,781.53	279.98	25.221			
7,400.00	7,124.97	7,154.97	7,154.97	37.88	248.06	39.40	1,338.40	-5,723.23	7,024.96	6,743.95	281.02	24.998			
7,450.00	7,151.28	7,181.28	7,181.28	38.21	248.97	41.97	1,338.40	-5,723.23	6,986.22	6,704.28	281.94	24.779			
7,500.00	7,174.22	7,204.22	7,204.22	38.58	249.78	45.36	1,338.40	-5,723.23	6,945.51	6,662.77	282.74	24.565			
7,550.00	7,193.65	7,223.65	7,223.65	38.98	250.45	49.78	1,338.40	-5,723.23	6,903.10	6,619.66	283.43	24.355			
7,600.00	7,209.45	7,239.45	7,239.45	39.43	251.01	55.47	1,338.40	-5,723.23	6,859.24	6,575.23	284.01	24.152			
7,650.00	7,221.52	7,251.52	7,251.52	39.91	251.43	62.72	1,338.40	-5,723.23	6,814.20	6,529.74	284.46	23.955			
7,700.00	7,229.79	7,259.79	7,259.79	40.42	251.72	71.72	1,338.40	-5,723.23	6,768.27	6,483.48	284.79	23.766			
7,750.00	7,234.21	7,264.21	7,264.21	40.97	251.87	82.46	1,338.40	-5,723.23	6,721.72	6,436.71	285.01	23.585			
7,780.56	7,235.00	7,265.00	7,265.00	41.32	251.90	89.67	1,338.40	-5,723.23	6,693.09	6,408.01	285.08	23.478			
7,800.00	7,235.04	7,265.04	7,265.04	41.54	251.90	89.67	1,338.40	-5,723.23	6,674.85	6,389.74	285.11	23.412			
7,900.00	7,235.26	7,265.26	7,265.26	42.82	251.91	89.68	1,338.40	-5,723.23	6,581.15	6,295.85	285.30	23.068			
8,000.00	7,235.47	7,265.47	7,265.47	44.25	251.91	89.68	1,338.40	-5,723.23	6,487.64	6,202.11	285.53	22.721			
8,100.00	7,235.68	7,265.68	7,265.68	45.82	251.92	89.69	1,338.40	-5,723.23	6,394.33	6,108.52	285.81	22.373			
8,200.00	7,235.90	7,265.90	7,265.90	47.52	251.93	89.69	1,338.40	-5,723.23	6,301.22	6,015.09	286.13	22.022			
8,300.00	7,236.11	7,266.11	7,266.11	49.34	251.94	89.70	1,338.40	-5,723.23	6,208.32	5,921.82	286.51	21.669			
8,400.00	7,236.32	7,266.32	7,266.32	51.25	251.94	89.70	1,338.40	-5,723.23	6,115.65	5,828.72	286.94	21.314			
8,500.00	7,236.54	7,266.54	7,266.54	53.26	251.95	89.71	1,338.40	-5,723.23	6,023.22	5,735.79	287.42	20.956			
8,600.00	7,236.75	7,266.75	7,266.75	55.34	251.96	89.71	1,338.40	-5,723.23	5,931.03	5,643.06	287.97	20.596			
8,700.00	7,236.96	7,266.96	7,266.96	57.50	251.97	89.72	1,338.40	-5,723.23	5,839.09	5,550.52	288.57	20.234			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - ANDERSON #42-10(PR) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	7,267.17	7,267.17	59.71	251.97	89.72	1,338.40	-5,723.23	5,747.43	5,458.18	289.25	19.870		
8,900.00	7,237.39	7,267.39	7,267.39	61.98	251.98	89.73	1,338.40	-5,723.23	5,656.05	5,366.06	289.98	19.505		
9,000.00	7,237.60	7,267.60	7,267.60	64.29	251.99	89.73	1,338.40	-5,723.23	5,564.96	5,274.17	290.79	19.137		
9,100.00	7,237.81	7,267.81	7,267.81	66.65	252.00	89.74	1,338.40	-5,723.23	5,474.19	5,182.52	291.67	18.769		
9,200.00	7,238.03	7,268.03	7,268.03	69.05	252.00	89.74	1,338.40	-5,723.23	5,383.74	5,091.12	292.62	18.398		
9,300.00	7,238.24	7,268.24	7,268.24	71.48	252.01	89.75	1,338.40	-5,723.23	5,293.64	4,999.99	293.65	18.027		
9,400.00	7,238.45	7,268.45	7,268.45	73.95	252.02	89.75	1,338.40	-5,723.23	5,203.90	4,909.14	294.76	17.655		
9,500.00	7,238.67	7,268.67	7,268.67	76.44	252.03	89.76	1,338.40	-5,723.23	5,114.53	4,818.59	295.95	17.282		
9,600.00	7,238.88	7,268.88	7,268.88	78.96	252.03	89.76	1,338.40	-5,723.23	5,025.57	4,728.35	297.22	16.909		
9,700.00	7,239.09	7,269.09	7,269.09	81.50	252.04	89.77	1,338.40	-5,723.23	4,937.04	4,638.46	298.58	16.535		
9,800.00	7,239.30	7,269.30	7,269.30	84.06	252.05	89.78	1,338.40	-5,723.23	4,848.94	4,548.91	300.03	16.162		
9,900.00	7,239.52	7,269.52	7,269.52	86.64	252.06	89.78	1,338.40	-5,723.23	4,761.32	4,459.75	301.57	15.788		
10,000.00	7,239.73	7,269.73	7,269.73	89.23	252.06	89.79	1,338.40	-5,723.23	4,674.20	4,370.99	303.20	15.416		
10,100.00	7,239.94	7,269.94	7,269.94	91.85	252.07	89.79	1,338.40	-5,723.23	4,587.60	4,282.66	304.94	15.044		
10,200.00	7,240.16	7,270.16	7,270.16	94.47	252.08	89.80	1,338.40	-5,723.23	4,501.55	4,194.79	306.77	14.674		
10,300.00	7,240.37	7,270.37	7,270.37	97.11	252.08	89.80	1,338.40	-5,723.23	4,416.10	4,107.40	308.70	14.305		
10,400.00	7,240.58	7,270.58	7,270.58	99.76	252.09	89.81	1,338.40	-5,723.23	4,331.26	4,020.52	310.74	13.939		
10,500.00	7,240.80	7,270.80	7,270.80	102.43	252.10	89.81	1,338.40	-5,723.23	4,247.09	3,934.20	312.89	13.574		
10,600.00	7,241.01	7,271.01	7,271.01	105.10	252.11	89.82	1,338.40	-5,723.23	4,163.62	3,848.47	315.15	13.212		
10,700.00	7,241.22	7,271.22	7,271.22	107.79	252.11	89.82	1,338.40	-5,723.23	4,080.89	3,763.36	317.52	12.852		
10,800.00	7,241.43	7,271.43	7,271.43	110.48	252.12	89.83	1,338.40	-5,723.23	3,998.94	3,678.93	320.01	12.496		
10,900.00	7,241.65	7,271.65	7,271.65	113.18	252.13	89.83	1,338.40	-5,723.23	3,917.84	3,595.21	322.63	12.143		
11,000.00	7,241.86	7,271.86	7,271.86	115.89	252.14	89.84	1,338.40	-5,723.23	3,837.63	3,512.26	325.37	11.795		
11,100.00	7,242.07	7,272.07	7,272.07	118.60	252.14	89.84	1,338.40	-5,723.23	3,758.37	3,430.13	328.24	11.450		
11,200.00	7,242.29	7,272.29	7,272.29	121.32	252.15	89.85	1,338.40	-5,723.23	3,680.12	3,348.88	331.23	11.110		
11,300.00	7,242.50	7,272.50	7,272.50	124.05	252.16	89.85	1,338.40	-5,723.23	3,602.94	3,268.58	334.37	10.775		
11,400.00	7,242.71	7,272.71	7,272.71	126.78	252.17	89.86	1,338.40	-5,723.23	3,526.91	3,189.28	337.64	10.446		
11,500.00	7,242.93	7,272.93	7,272.93	129.52	252.17	89.87	1,338.40	-5,723.23	3,452.11	3,111.06	341.05	10.122		
11,600.00	7,243.14	7,273.14	7,273.14	132.27	252.18	89.87	1,338.40	-5,723.23	3,378.61	3,034.01	344.60	9.804		
11,700.00	7,243.35	7,273.35	7,273.35	135.02	252.19	89.88	1,338.40	-5,723.23	3,306.50	2,958.20	348.29	9.493		
11,800.00	7,243.57	7,273.57	7,273.57	137.77	252.20	89.88	1,338.40	-5,723.23	3,235.87	2,883.74	352.13	9.189		
11,900.00	7,243.78	7,273.78	7,273.78	140.53	252.20	89.89	1,338.40	-5,723.23	3,166.82	2,810.71	356.11	8.893		
12,000.00	7,243.99	7,273.99	7,273.99	143.29	252.21	89.89	1,338.40	-5,723.23	3,099.47	2,739.24	360.23	8.604		
12,100.00	7,244.20	7,274.20	7,274.20	146.05	252.22	89.90	1,338.40	-5,723.23	3,033.91	2,669.42	364.49	8.324		
12,200.00	7,244.42	7,274.42	7,274.42	148.82	252.23	89.90	1,338.40	-5,723.23	2,970.28	2,601.39	368.89	8.052		
12,300.00	7,244.63	7,274.63	7,274.63	151.60	252.23	89.91	1,338.40	-5,723.23	2,908.69	2,535.28	373.41	7.790		
12,400.00	7,244.84	7,274.84	7,274.84	154.37	252.24	89.91	1,338.40	-5,723.23	2,849.28	2,471.23	378.05	7.537		
12,500.00	7,245.06	7,275.06	7,275.06	157.15	252.25	89.92	1,338.40	-5,723.23	2,792.19	2,409.39	382.80	7.294		
12,600.00	7,245.27	7,275.27	7,275.27	159.93	252.26	89.92	1,338.40	-5,723.23	2,737.57	2,349.91	387.65	7.062		
12,700.00	7,245.48	7,275.48	7,275.48	162.71	252.26	89.93	1,338.40	-5,723.23	2,685.55	2,292.97	392.58	6.841		
12,800.00	7,245.70	7,275.70	7,275.70	165.50	252.27	89.93	1,338.40	-5,723.23	2,636.31	2,238.74	397.57	6.631		
12,900.00	7,245.91	7,275.91	7,275.91	168.29	252.28	89.94	1,338.40	-5,723.23	2,589.99	2,187.40	402.59	6.433		
13,000.00	7,246.12	7,276.12	7,276.12	171.08	252.29	89.94	1,338.40	-5,723.23	2,546.76	2,139.13	407.63	6.248		
13,100.00	7,246.33	7,276.33	7,276.33	173.87	252.29	89.95	1,338.40	-5,723.23	2,506.77	2,094.12	412.65	6.075		
13,200.00	7,246.55	7,276.55	7,276.55	176.67	252.30	89.95	1,338.40	-5,723.23	2,470.19	2,052.56	417.63	5.915		
13,300.00	7,246.76	7,276.76	7,276.76	179.47	252.31	89.96	1,338.40	-5,723.23	2,437.16	2,014.65	422.52	5.768		
13,400.00	7,246.97	7,276.97	7,276.97	182.27	252.32	89.97	1,338.40	-5,723.23	2,407.84	1,980.55	427.29	5.635		
13,500.00	7,247.19	7,277.19	7,277.19	185.07	252.32	89.97	1,338.40	-5,723.23	2,382.36	1,950.46	431.90	5.516		
13,600.00	7,247.40	7,277.40	7,277.40	187.87	252.33	89.98	1,338.40	-5,723.23	2,360.84	1,924.52	436.32	5.411		
13,700.00	7,247.61	7,277.61	7,277.61	190.68	252.34	89.98	1,338.40	-5,723.23	2,343.39	1,902.89	440.50	5.320		
13,800.00	7,247.83	7,277.83	7,277.83	193.48	252.35	89.99	1,338.40	-5,723.23	2,330.11	1,885.69	444.42	5.243		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - ANDERSON #42-10(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
13,900.00	7,248.04	7,278.04	7,278.04	196.29	252.35	89.99	1,338.40	-5,723.23	2,321.06	1,873.02	448.04	5.180		
14,000.00	7,248.25	7,278.25	7,278.25	199.10	252.36	90.00	1,338.40	-5,723.23	2,316.30	1,864.97	451.33	5.132		
14,060.37	7,248.38	7,278.38	7,278.38	200.80	252.36	90.00	1,338.40	-5,723.23	2,315.51	1,862.36	453.15	5.110 CC		
14,100.00	7,248.46	7,278.46	7,278.46	201.91	252.37	90.00	1,338.40	-5,723.23	2,315.85	1,861.58	454.27	5.098 ES		
14,200.00	7,248.68	7,278.68	7,278.68	204.72	252.37	90.01	1,338.40	-5,723.23	2,319.72	1,862.88	456.85	5.078		
14,300.00	7,248.89	7,278.89	7,278.89	207.53	252.38	90.01	1,338.40	-5,723.23	2,327.88	1,868.84	459.04	5.071 SF		
14,400.00	7,249.10	7,279.10	7,279.10	210.35	252.39	90.02	1,338.40	-5,723.23	2,340.29	1,879.44	460.85	5.078		
14,500.00	7,249.32	7,279.32	7,279.32	213.16	252.40	90.02	1,338.40	-5,723.23	2,356.88	1,894.60	462.28	5.098		
14,600.00	7,249.53	7,279.53	7,279.53	215.98	252.40	90.03	1,338.40	-5,723.23	2,377.56	1,914.22	463.34	5.131		
14,700.00	7,249.74	7,279.74	7,279.74	218.80	252.41	90.03	1,338.40	-5,723.23	2,402.24	1,938.19	464.04	5.177		
14,800.00	7,249.96	7,279.96	7,279.96	221.62	252.42	90.04	1,338.40	-5,723.23	2,430.77	1,966.38	464.40	5.234		
14,900.00	7,250.17	7,280.17	7,280.17	224.44	252.43	90.04	1,338.40	-5,723.23	2,463.04	1,998.61	464.43	5.303		
15,000.00	7,250.38	7,280.38	7,280.38	227.26	252.43	90.05	1,338.40	-5,723.23	2,498.90	2,034.73	464.17	5.384		
15,100.00	7,250.59	7,280.59	7,280.59	230.08	252.44	90.05	1,338.40	-5,723.23	2,538.20	2,074.55	463.64	5.474		
15,200.00	7,250.81	7,280.81	7,280.81	232.90	252.45	90.06	1,338.40	-5,723.23	2,580.77	2,117.90	462.87	5.576		
15,300.00	7,251.02	7,281.02	7,281.02	235.72	252.46	90.07	1,338.40	-5,723.23	2,626.46	2,164.58	461.88	5.686		
15,400.00	7,251.23	7,281.23	7,281.23	238.55	252.46	90.07	1,338.40	-5,723.23	2,675.11	2,214.41	460.70	5.807		
15,500.00	7,251.45	7,281.45	7,281.45	241.37	252.47	90.08	1,338.40	-5,723.23	2,726.56	2,267.20	459.36	5.936		
15,600.00	7,251.66	7,281.66	7,281.66	244.20	252.48	90.08	1,338.40	-5,723.23	2,780.66	2,322.78	457.88	6.073		
15,700.00	7,251.87	7,281.87	7,281.87	247.03	252.49	90.09	1,338.40	-5,723.23	2,837.25	2,380.96	456.29	6.218		
15,800.00	7,252.09	7,282.09	7,282.09	249.85	252.49	90.09	1,338.40	-5,723.23	2,896.19	2,441.59	454.60	6.371		
15,900.00	7,252.30	7,282.30	7,282.30	252.68	252.50	90.10	1,338.40	-5,723.23	2,957.34	2,504.50	452.83	6.531		
16,000.00	7,252.51	7,282.51	7,282.51	255.51	252.51	90.10	1,338.40	-5,723.23	3,020.56	2,569.55	451.01	6.697		
16,100.00	7,252.72	7,282.72	7,282.72	258.34	252.52	90.11	1,338.40	-5,723.23	3,085.72	2,636.58	449.14	6.870		
16,200.00	7,252.94	7,282.94	7,282.94	261.17	252.52	90.11	1,338.40	-5,723.23	3,152.72	2,705.47	447.24	7.049		
16,300.00	7,253.15	7,283.15	7,283.15	264.00	252.53	90.12	1,338.40	-5,723.23	3,221.42	2,776.09	445.33	7.234		
16,400.00	7,253.36	7,283.36	7,283.36	266.83	252.54	90.12	1,338.40	-5,723.23	3,291.73	2,848.32	443.41	7.424		
16,500.00	7,253.58	7,283.58	7,283.58	269.66	252.55	90.13	1,338.40	-5,723.23	3,363.54	2,922.05	441.49	7.619		
16,600.00	7,253.79	7,283.79	7,283.79	272.50	252.55	90.13	1,338.40	-5,723.23	3,436.76	2,997.18	439.58	7.818		
16,700.00	7,254.00	7,284.00	7,284.00	275.33	252.56	90.14	1,338.40	-5,723.23	3,511.30	3,073.62	437.68	8.023		
16,800.00	7,254.22	7,284.22	7,284.22	278.16	252.57	90.14	1,338.40	-5,723.23	3,587.08	3,151.28	435.80	8.231		
16,900.00	7,254.43	7,284.43	7,284.43	281.00	252.58	90.15	1,338.40	-5,723.23	3,664.03	3,230.07	433.95	8.443		
17,000.00	7,254.64	7,284.64	7,284.64	283.83	252.58	90.15	1,338.40	-5,723.23	3,742.06	3,309.93	432.13	8.660		
17,100.00	7,254.85	7,284.85	7,284.85	286.67	252.59	90.16	1,338.40	-5,723.23	3,821.12	3,390.78	430.34	8.879		
17,200.00	7,255.07	7,285.07	7,285.07	289.50	252.60	90.17	1,338.40	-5,723.23	3,901.14	3,472.55	428.58	9.102		
17,300.00	7,255.28	7,285.28	7,285.28	292.34	252.61	90.17	1,338.40	-5,723.23	3,982.06	3,555.20	426.86	9.329		
17,400.00	7,255.49	7,285.49	7,285.49	295.17	252.61	90.18	1,338.40	-5,723.23	4,063.83	3,638.66	425.17	9.558		
17,500.00	7,255.71	7,285.71	7,285.71	298.01	252.62	90.18	1,338.40	-5,723.23	4,146.40	3,722.87	423.52	9.790		
17,600.00	7,255.92	7,285.92	7,285.92	300.85	252.63	90.19	1,338.40	-5,723.23	4,229.72	3,807.81	421.91	10.025		
17,700.00	7,256.13	7,286.13	7,286.13	303.68	252.64	90.19	1,338.40	-5,723.23	4,313.75	3,893.41	420.34	10.262		
17,800.00	7,256.35	7,286.35	7,286.35	306.52	252.64	90.20	1,338.40	-5,723.23	4,398.45	3,979.64	418.81	10.502		
17,900.00	7,256.56	7,286.56	7,286.56	309.36	252.65	90.20	1,338.40	-5,723.23	4,483.78	4,066.47	417.32	10.744		
18,000.00	7,256.77	7,286.77	7,286.77	312.20	252.66	90.21	1,338.40	-5,723.23	4,569.71	4,153.85	415.86	10.989		
18,100.00	7,256.98	7,286.98	7,286.98	315.04	252.66	90.21	1,338.40	-5,723.23	4,656.20	4,241.75	414.44	11.235		
18,200.00	7,257.20	7,287.20	7,287.20	317.88	252.67	90.22	1,338.40	-5,723.23	4,743.21	4,330.15	413.06	11.483		
18,300.00	7,257.41	7,287.41	7,287.41	320.72	252.68	90.22	1,338.40	-5,723.23	4,830.74	4,419.02	411.72	11.733		
18,400.00	7,257.62	7,287.62	7,287.62	323.56	252.69	90.23	1,338.40	-5,723.23	4,918.73	4,508.32	410.41	11.985		
18,500.00	7,257.84	7,287.84	7,287.84	326.40	252.69	90.23	1,338.40	-5,723.23	5,007.18	4,598.04	409.14	12.238		
18,600.00	7,258.05	7,288.05	7,288.05	329.24	252.70	90.24	1,338.40	-5,723.23	5,096.06	4,688.16	407.90	12.493		
18,700.00	7,258.26	7,288.26	7,288.26	332.08	252.71	90.24	1,338.40	-5,723.23	5,185.34	4,778.64	406.69	12.750		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - ANDERSON #42-10(PR) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>		<b>Distance</b>								
<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Reference (ft)</b>	<b>Offset (ft)</b>	<b>Highside Toolface (")</b>	<b>Offset Wellbore Centre +N/-S (ft)</b>	<b>Offset Wellbore Centre +E/-W (ft)</b>	<b>Between Centres (ft)</b>	<b>Between Ellipses (ft)</b>	<b>Minimum Separation (ft)</b>	<b>Separation Factor</b>	<b>Warning</b>	
18,800.00	7,258.48	7,288.48	7,288.48	334.92	252.72	90.25	1,338.40	-5,723.23	5,275.00	4,869.48	405.52	13.008		
18,900.00	7,258.69	7,288.69	7,288.69	337.76	252.72	90.26	1,338.40	-5,723.23	5,365.03	4,960.65	404.38	13.267		
19,000.00	7,258.90	7,288.90	7,288.90	340.60	252.73	90.26	1,338.40	-5,723.23	5,455.41	5,052.14	403.27	13.528		
19,046.19	7,259.00	7,289.00	7,289.00	341.92	252.74	90.26	1,338.40	-5,723.23	5,497.26	5,094.49	402.77	13.649		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - ANDERSON/JANUARY #1(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	23.00	23.00	3.28	3.30	-88.25	133.36	-4,371.12	4,373.16					
100.00	100.00	123.00	123.00	3.28	4.15	-88.25	133.36	-4,371.12	4,373.16	4,365.72	7.44	587.920		
200.00	200.00	223.00	223.00	3.34	6.87	-88.25	133.36	-4,371.12	4,373.16	4,362.95	10.21	428.335		
300.00	300.00	323.00	323.00	3.44	10.08	-88.25	133.36	-4,371.12	4,373.16	4,359.63	13.52	323.363		
400.00	399.98	422.98	422.98	3.60	13.43	146.74	133.36	-4,371.12	4,374.62	4,357.59	17.02	256.954		
500.00	499.84	522.84	522.84	3.79	16.83	146.73	133.36	-4,371.12	4,378.99	4,358.37	20.62	212.358		
600.00	599.45	622.45	622.45	4.03	20.25	146.72	133.36	-4,371.12	4,386.29	4,362.01	24.28	180.664		
700.00	698.70	721.70	721.70	4.30	23.68	146.69	133.36	-4,371.12	4,396.50	4,368.52	27.98	157.149		
800.00	797.47	820.47	820.47	4.61	27.10	146.66	133.36	-4,371.12	4,409.62	4,377.92	31.70	139.105		
900.00	895.62	918.62	918.62	4.95	30.50	146.61	133.36	-4,371.12	4,425.64	4,390.20	35.44	124.885		
1,000.00	993.06	1,016.06	1,016.06	5.33	33.88	146.56	133.36	-4,371.12	4,444.57	4,405.38	39.18	113.437		
1,100.00	1,090.08	1,113.08	1,113.08	5.74	37.26	146.73	133.36	-4,371.12	4,464.95	4,422.02	42.93	104.001		
1,200.00	1,187.11	1,210.11	1,210.11	6.17	40.63	146.90	133.36	-4,371.12	4,485.38	4,438.68	46.70	96.050		
1,300.00	1,284.14	1,307.14	1,307.14	6.61	44.01	147.06	133.36	-4,371.12	4,505.84	4,455.36	50.48	89.257		
1,400.00	1,381.17	1,404.17	1,404.17	7.07	47.39	147.23	133.36	-4,371.12	4,526.34	4,472.06	54.28	83.391		
1,500.00	1,478.20	1,501.20	1,501.20	7.55	50.77	147.39	133.36	-4,371.12	4,546.88	4,488.79	58.09	78.279		
1,600.00	1,575.23	1,601.77	1,598.23	8.03	54.27	147.55	133.36	-4,371.12	4,567.45	4,505.43	62.03	73.638		
1,700.00	1,672.26	1,704.74	1,695.26	8.52	57.86	147.71	133.36	-4,371.12	4,588.06	4,522.00	66.06	69.456		
1,800.00	1,769.29	1,807.71	1,792.29	9.01	61.45	147.87	133.36	-4,371.12	4,608.70	4,538.61	70.09	65.750		
1,900.00	1,866.32	1,889.32	1,889.32	9.51	64.29	148.03	133.36	-4,371.12	4,629.38	4,555.99	73.39	63.077		
2,000.00	1,963.35	1,986.35	1,986.35	10.02	67.68	148.19	133.36	-4,371.12	4,650.09	4,572.86	77.23	60.209		
2,100.00	2,060.38	2,083.38	2,083.38	10.53	71.06	148.34	133.36	-4,371.12	4,670.83	4,589.76	81.08	57.610		
2,200.00	2,157.41	2,180.41	2,180.41	11.04	74.45	148.50	133.36	-4,371.12	4,691.61	4,606.69	84.92	55.245		
2,300.00	2,254.44	2,277.44	2,277.44	11.56	77.83	148.65	133.36	-4,371.12	4,712.42	4,623.65	88.77	53.083		
2,400.00	2,351.47	2,374.47	2,374.47	12.07	81.21	148.80	133.36	-4,371.12	4,733.26	4,640.63	92.63	51.100		
2,500.00	2,448.50	2,471.50	2,471.50	12.59	84.60	148.95	133.36	-4,371.12	4,754.14	4,657.65	96.48	49.275		
2,600.00	2,545.53	2,568.53	2,568.53	13.12	87.98	149.10	133.36	-4,371.12	4,775.04	4,674.70	100.34	47.590		
2,700.00	2,642.56	2,665.56	2,665.56	13.64	91.37	149.25	133.36	-4,371.12	4,795.98	4,691.78	104.20	46.028		
2,800.00	2,739.59	2,762.59	2,762.59	14.17	94.75	149.39	133.36	-4,371.12	4,816.94	4,708.89	108.06	44.578		
2,900.00	2,836.62	2,859.62	2,859.62	14.69	98.14	149.54	133.36	-4,371.12	4,837.94	4,726.02	111.92	43.228		
3,000.00	2,933.65	2,956.65	2,956.65	15.22	101.52	149.68	133.36	-4,371.12	4,858.97	4,743.19	115.78	41.968		
3,100.00	3,030.68	3,053.68	3,053.68	15.75	104.91	149.82	133.36	-4,371.12	4,880.02	4,760.38	119.64	40.789		
3,200.00	3,127.71	3,150.71	3,150.71	16.28	108.30	149.96	133.36	-4,371.12	4,901.11	4,777.60	123.50	39.684		
3,300.00	3,224.74	3,247.74	3,247.74	16.82	111.68	150.10	133.36	-4,371.12	4,922.22	4,794.85	127.37	38.646		
3,400.00	3,321.76	3,344.76	3,344.76	17.35	115.07	150.24	133.36	-4,371.12	4,943.36	4,812.13	131.23	37.668		
3,500.00	3,418.79	3,441.79	3,441.79	17.88	118.45	150.38	133.36	-4,371.12	4,964.53	4,829.43	135.10	36.747		
3,600.00	3,515.82	3,538.82	3,538.82	18.42	121.84	150.52	133.36	-4,371.12	4,985.73	4,846.76	138.96	35.878		
3,700.00	3,612.85	3,635.85	3,635.85	18.95	125.23	150.65	133.36	-4,371.12	5,006.95	4,864.12	142.83	35.055		
3,800.00	3,709.88	3,732.88	3,732.88	19.49	128.61	150.79	133.36	-4,371.12	5,028.20	4,881.50	146.70	34.276		
3,900.00	3,806.91	3,829.91	3,829.91	20.02	132.00	150.92	133.36	-4,371.12	5,049.48	4,898.91	150.56	33.537		
4,000.00	3,903.94	3,926.94	3,926.94	20.56	135.38	151.05	133.36	-4,371.12	5,070.78	4,916.35	154.43	32.835		
4,100.00	4,000.97	4,023.97	4,023.97	21.09	138.77	151.18	133.36	-4,371.12	5,092.11	4,933.81	158.30	32.167		
4,200.00	4,098.00	4,121.00	4,121.00	21.63	142.16	151.31	133.36	-4,371.12	5,113.46	4,951.30	162.17	31.532		
4,300.00	4,195.03	4,218.03	4,218.03	22.17	145.54	151.44	133.36	-4,371.12	5,134.84	4,968.81	166.04	30.926		
4,400.00	4,292.06	4,315.06	4,315.06	22.71	148.93	151.57	133.36	-4,371.12	5,156.25	4,986.34	169.90	30.348		
4,500.00	4,389.09	4,412.09	4,412.09	23.25	152.32	151.70	133.36	-4,371.12	5,177.68	5,003.90	173.77	29.796		
4,600.00	4,486.12	4,509.12	4,509.12	23.78	155.70	151.82	133.36	-4,371.12	5,199.13	5,021.49	177.64	29.268		
4,700.00	4,583.15	4,606.15	4,606.15	24.32	159.09	151.95	133.36	-4,371.12	5,220.61	5,039.10	181.51	28.762		
4,800.00	4,680.18	4,703.18	4,703.18	24.86	162.48	152.07	133.36	-4,371.12	5,242.11	5,056.73	185.38	28.278		
4,900.00	4,777.21	4,800.21	4,800.21	25.40	165.86	152.19	133.36	-4,371.12	5,263.63	5,074.39	189.25	27.813		
5,000.00	4,874.24	4,902.76	4,897.24	25.94	169.44	152.31	133.36	-4,371.12	5,285.18	5,091.87	193.31	27.340		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - ANDERSON/JANUARY #1(PR) - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	5,005.73	4,994.27	26.48	173.04	152.43	133.36	-4,371.12	5,306.75	5,109.37	197.39	26.885		
5,200.00	5,068.30	5,108.70	5,091.30	27.02	176.63	152.55	133.36	-4,371.12	5,328.34	5,126.88	201.46	26.448		
5,300.00	5,165.33	5,188.33	5,188.33	27.56	179.41	152.67	133.36	-4,371.12	5,349.96	5,145.23	204.72	26.133		
5,400.00	5,262.36	5,285.36	5,285.36	28.10	182.80	152.79	133.36	-4,371.12	5,371.60	5,163.00	208.59	25.752		
5,500.00	5,359.39	5,382.39	5,382.39	28.64	186.18	152.91	133.36	-4,371.12	5,393.25	5,180.79	212.46	25.384		
5,600.00	5,456.42	5,479.42	5,479.42	29.18	189.57	153.02	133.36	-4,371.12	5,414.93	5,198.60	216.33	25.031		
5,700.00	5,553.45	5,576.45	5,576.45	29.72	192.96	153.14	133.36	-4,371.12	5,436.64	5,216.44	220.20	24.689		
5,800.00	5,650.47	5,673.47	5,673.47	30.27	196.34	153.25	133.36	-4,371.12	5,458.36	5,234.29	224.07	24.360		
5,900.00	5,747.50	5,770.50	5,770.50	30.81	199.73	153.36	133.36	-4,371.12	5,480.10	5,252.16	227.94	24.042		
6,000.00	5,844.53	5,867.53	5,867.53	31.35	203.12	153.48	133.36	-4,371.12	5,501.86	5,270.06	231.81	23.735		
6,100.00	5,941.56	5,964.56	5,964.56	31.89	206.50	153.59	133.36	-4,371.12	5,523.65	5,287.97	235.68	23.437		
6,200.00	6,038.59	6,061.59	6,061.59	32.43	209.89	153.70	133.36	-4,371.12	5,545.45	5,305.91	239.55	23.150		
6,300.00	6,135.62	6,158.62	6,158.62	32.97	213.28	153.81	133.36	-4,371.12	5,567.28	5,323.86	243.42	22.871		
6,400.00	6,232.65	6,255.65	6,255.65	33.51	216.66	153.92	133.36	-4,371.12	5,589.12	5,341.83	247.29	22.602		
6,500.00	6,329.68	6,352.68	6,352.68	34.06	220.05	154.03	133.36	-4,371.12	5,610.98	5,359.83	251.15	22.341		
6,600.00	6,426.71	6,449.71	6,449.71	34.60	223.44	154.13	133.36	-4,371.12	5,632.86	5,377.84	255.02	22.088		
6,655.36	6,480.43	6,503.43	6,503.43	34.90	225.31	154.19	133.36	-4,371.12	5,644.98	5,387.82	257.17	21.951		
6,700.00	6,524.01	6,547.01	6,547.01	35.13	226.83	141.91	133.36	-4,371.12	5,653.25	5,394.36	258.90	21.836		
6,750.00	6,573.29	6,603.71	6,596.29	35.36	228.81	119.37	133.36	-4,371.12	5,658.90	5,397.80	261.10	21.673		
6,800.00	6,622.76	6,645.76	6,645.76	35.56	230.28	89.06	133.36	-4,371.12	5,660.71	5,397.94	262.77	21.542		
6,850.00	6,672.13	6,704.87	6,695.13	35.73	232.35	63.78	133.36	-4,371.12	5,658.66	5,393.65	265.01	21.352		
6,900.00	6,721.08	6,744.08	6,744.08	35.88	233.71	48.48	133.36	-4,371.12	5,652.78	5,386.24	266.54	21.208		
6,950.00	6,769.31	6,807.69	6,792.31	36.03	235.93	39.64	133.36	-4,371.12	5,643.10	5,374.21	268.89	20.987		
7,000.00	6,816.53	6,839.53	6,839.53	36.18	237.05	34.29	133.36	-4,371.12	5,629.68	5,359.57	270.10	20.843		
7,050.00	6,862.44	6,885.44	6,885.44	36.34	238.65	30.92	133.36	-4,371.12	5,612.61	5,340.81	271.79	20.650		
7,100.00	6,906.77	6,929.77	6,929.77	36.50	240.20	28.77	133.36	-4,371.12	5,591.99	5,318.58	273.41	20.453		
7,150.00	6,949.23	6,972.23	6,972.23	36.68	241.68	27.46	133.36	-4,371.12	5,567.96	5,293.03	274.94	20.252		
7,200.00	6,989.58	7,012.58	7,012.58	36.87	243.09	26.77	133.36	-4,371.12	5,540.67	5,264.29	276.38	20.048		
7,250.00	7,027.55	7,050.55	7,050.55	37.09	244.41	26.59	133.36	-4,371.12	5,510.29	5,232.57	277.72	19.841		
7,300.00	7,062.91	7,085.91	7,085.91	37.32	245.65	26.88	133.36	-4,371.12	5,477.00	5,198.04	278.96	19.634		
7,350.00	7,095.45	7,118.45	7,118.45	37.59	246.78	27.65	133.36	-4,371.12	5,441.02	5,160.93	280.09	19.426		
7,400.00	7,124.97	7,147.97	7,147.97	37.88	247.81	28.93	133.36	-4,371.12	5,402.56	5,121.45	281.10	19.219		
7,450.00	7,151.28	7,174.28	7,174.28	38.21	248.73	30.85	133.36	-4,371.12	5,361.86	5,079.86	282.00	19.013		
7,500.00	7,174.22	7,202.78	7,197.22	38.58	249.73	33.58	133.36	-4,371.12	5,319.18	5,036.21	282.98	18.797		
7,550.00	7,193.65	7,216.65	7,216.65	38.98	250.21	37.43	133.36	-4,371.12	5,274.78	4,991.34	283.44	18.610		
7,600.00	7,209.45	7,232.45	7,232.45	39.43	250.76	42.88	133.36	-4,371.12	5,228.94	4,944.96	283.98	18.413		
7,650.00	7,221.52	7,244.52	7,244.52	39.91	251.18	50.70	133.36	-4,371.12	5,181.92	4,897.53	284.39	18.221		
7,700.00	7,229.79	7,252.79	7,252.79	40.42	251.47	62.01	133.36	-4,371.12	5,134.03	4,849.35	284.68	18.034		
7,750.00	7,234.21	7,257.21	7,257.21	40.97	251.63	77.80	133.36	-4,371.12	5,085.55	4,800.70	284.84	17.854		
7,780.56	7,235.00	7,258.00	7,258.00	41.32	251.65	89.45	133.36	-4,371.12	5,055.75	4,770.87	284.88	17.747		
7,800.00	7,235.04	7,258.04	7,258.04	41.54	251.65	89.46	133.36	-4,371.12	5,036.79	4,751.89	284.89	17.680		
7,900.00	7,235.26	7,258.26	7,258.26	42.82	251.66	89.47	133.36	-4,371.12	4,939.26	4,654.31	284.95	17.334		
8,000.00	7,235.47	7,258.47	7,258.47	44.25	251.67	89.48	133.36	-4,371.12	4,841.84	4,556.81	285.03	16.987		
8,100.00	7,235.68	7,258.68	7,258.68	45.82	251.68	89.49	133.36	-4,371.12	4,744.53	4,459.39	285.14	16.639		
8,200.00	7,235.90	7,258.90	7,258.90	47.52	251.68	89.50	133.36	-4,371.12	4,647.33	4,362.07	285.27	16.291		
8,300.00	7,236.11	7,259.11	7,259.11	49.34	251.69	89.51	133.36	-4,371.12	4,550.26	4,264.83	285.42	15.942		
8,400.00	7,236.32	7,259.32	7,259.32	51.25	251.70	89.52	133.36	-4,371.12	4,453.31	4,167.70	285.61	15.593		
8,500.00	7,236.54	7,259.54	7,259.54	53.26	251.71	89.53	133.36	-4,371.12	4,356.50	4,070.68	285.82	15.242		
8,600.00	7,236.75	7,259.75	7,259.75	55.34	251.71	89.55	133.36	-4,371.12	4,259.84	3,973.76	286.07	14.891		
8,700.00	7,236.96	7,259.96	7,259.96	57.50	251.72	89.56	133.36	-4,371.12	4,163.33	3,876.97	286.36	14.539		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - ANDERSON/JANUARY #1(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	7,260.17	7,260.17	59.71	251.73	89.57	133.36	-4,371.12	4,066.99	3,780.30	286.70	14.186		
8,900.00	7,237.39	7,260.39	7,260.39	61.98	251.74	89.58	133.36	-4,371.12	3,970.84	3,683.76	287.08	13.832		
9,000.00	7,237.60	7,260.60	7,260.60	64.29	251.74	89.59	133.36	-4,371.12	3,874.88	3,587.37	287.51	13.477		
9,100.00	7,237.81	7,260.81	7,260.81	66.65	251.75	89.60	133.36	-4,371.12	3,779.13	3,491.13	288.00	13.122		
9,200.00	7,238.03	7,261.03	7,261.03	69.05	251.76	89.61	133.36	-4,371.12	3,683.60	3,395.05	288.55	12.766		
9,300.00	7,238.24	7,261.24	7,261.24	71.48	251.77	89.62	133.36	-4,371.12	3,588.32	3,299.15	289.17	12.409		
9,400.00	7,238.45	7,261.45	7,261.45	73.95	251.77	89.63	133.36	-4,371.12	3,493.30	3,203.44	289.87	12.051		
9,500.00	7,238.67	7,261.67	7,261.67	76.44	251.78	89.64	133.36	-4,371.12	3,398.57	3,107.93	290.64	11.693		
9,600.00	7,238.88	7,261.88	7,261.88	78.96	251.79	89.66	133.36	-4,371.12	3,304.15	3,012.64	291.51	11.335		
9,700.00	7,239.09	7,262.09	7,262.09	81.50	251.80	89.67	133.36	-4,371.12	3,210.07	2,917.60	292.47	10.976		
9,800.00	7,239.30	7,262.30	7,262.30	84.06	251.80	89.68	133.36	-4,371.12	3,116.35	2,822.82	293.54	10.617		
9,900.00	7,239.52	7,262.52	7,262.52	86.64	251.81	89.69	133.36	-4,371.12	3,023.04	2,728.32	294.72	10.257		
10,000.00	7,239.73	7,262.73	7,262.73	89.23	251.82	89.70	133.36	-4,371.12	2,930.17	2,634.14	296.03	9.898		
10,100.00	7,239.94	7,262.94	7,262.94	91.85	251.83	89.71	133.36	-4,371.12	2,837.79	2,540.31	297.47	9.540		
10,200.00	7,240.16	7,263.16	7,263.16	94.47	251.83	89.72	133.36	-4,371.12	2,745.93	2,446.87	299.07	9.182		
10,300.00	7,240.37	7,263.37	7,263.37	97.11	251.84	89.73	133.36	-4,371.12	2,654.67	2,353.84	300.83	8.825		
10,400.00	7,240.58	7,263.58	7,263.58	99.76	251.85	89.74	133.36	-4,371.12	2,564.06	2,261.30	302.76	8.469		
10,500.00	7,240.80	7,263.80	7,263.80	102.43	251.86	89.76	133.36	-4,371.12	2,474.17	2,169.29	304.89	8.115		
10,600.00	7,241.01	7,264.01	7,264.01	105.10	251.86	89.77	133.36	-4,371.12	2,385.09	2,077.87	307.22	7.763		
10,700.00	7,241.22	7,264.22	7,264.22	107.79	251.87	89.78	133.36	-4,371.12	2,296.90	1,987.12	309.78	7.415		
10,800.00	7,241.43	7,264.43	7,264.43	110.48	251.88	89.79	133.36	-4,371.12	2,209.73	1,897.13	312.59	7.069		
10,900.00	7,241.65	7,264.65	7,264.65	113.18	251.89	89.80	133.36	-4,371.12	2,123.68	1,808.01	315.67	6.728		
11,000.00	7,241.86	7,264.86	7,264.86	115.89	251.89	89.81	133.36	-4,371.12	2,038.90	1,719.87	319.04	6.391		
11,100.00	7,242.07	7,265.07	7,265.07	118.60	251.90	89.82	133.36	-4,371.12	1,955.57	1,632.85	322.72	6.060		
11,200.00	7,242.29	7,265.29	7,265.29	121.32	251.91	89.83	133.36	-4,371.12	1,873.87	1,547.13	326.74	5.735		
11,300.00	7,242.50	7,265.50	7,265.50	124.05	251.91	89.84	133.36	-4,371.12	1,794.02	1,462.91	331.11	5.418		
11,400.00	7,242.71	7,265.71	7,265.71	126.78	251.92	89.85	133.36	-4,371.12	1,716.28	1,380.41	335.86	5.110		
11,500.00	7,242.93	7,265.93	7,265.93	129.52	251.93	89.87	133.36	-4,371.12	1,640.95	1,299.94	341.01	4.812		
11,600.00	7,243.14	7,266.14	7,266.14	132.27	251.94	89.88	133.36	-4,371.12	1,568.39	1,221.83	346.57	4.526		
11,700.00	7,243.35	7,266.35	7,266.35	135.02	251.94	89.89	133.36	-4,371.12	1,498.99	1,146.47	352.52	4.252		
11,800.00	7,243.57	7,266.57	7,266.57	137.77	251.95	89.90	133.36	-4,371.12	1,433.21	1,074.35	358.86	3.994		
11,900.00	7,243.78	7,266.78	7,266.78	140.53	251.96	89.91	133.36	-4,371.12	1,371.57	1,006.03	365.54	3.752		
12,000.00	7,243.99	7,266.99	7,266.99	143.29	251.97	89.92	133.36	-4,371.12	1,314.66	942.17	372.49	3.529		
12,100.00	7,244.20	7,267.20	7,267.20	146.05	251.97	89.93	133.36	-4,371.12	1,263.11	883.51	379.60	3.327		
12,200.00	7,244.42	7,267.42	7,267.42	148.82	251.98	89.94	133.36	-4,371.12	1,217.61	830.89	386.72	3.149		
12,300.00	7,244.63	7,267.63	7,267.63	151.60	251.99	89.95	133.36	-4,371.12	1,178.85	785.21	393.64	2.995		
12,400.00	7,244.84	7,267.84	7,267.84	154.37	252.00	89.97	133.36	-4,371.12	1,147.53	747.38	400.15	2.868		
12,500.00	7,245.06	7,268.06	7,268.06	157.15	252.00	89.98	133.36	-4,371.12	1,124.25	718.27	405.98	2.769		
12,600.00	7,245.27	7,268.27	7,268.27	159.93	252.01	89.99	133.36	-4,371.12	1,109.53	698.64	410.89	2.700		
12,700.00	7,245.48	7,268.48	7,268.48	162.71	252.02	90.00	133.36	-4,371.12	1,103.71	689.03	414.68	2.662		
12,714.40	7,245.51	7,268.51	7,268.51	163.12	252.02	90.00	133.36	-4,371.12	1,103.62	688.49	415.12	2.659 CC, ES		
12,800.00	7,245.70	7,268.70	7,268.70	165.50	252.03	90.01	133.36	-4,371.12	1,106.93	689.72	417.21	2.653 SF		
12,900.00	7,245.91	7,268.91	7,268.91	168.29	252.03	90.02	133.36	-4,371.12	1,119.11	700.68	418.44	2.675		
13,000.00	7,246.12	7,269.12	7,269.12	171.08	252.04	90.03	133.36	-4,371.12	1,139.97	721.55	418.42	2.724		
13,100.00	7,246.33	7,269.33	7,269.33	173.87	252.05	90.04	133.36	-4,371.12	1,169.04	751.75	417.29	2.802		
13,200.00	7,246.55	7,269.55	7,269.55	176.67	252.06	90.05	133.36	-4,371.12	1,205.72	790.50	415.22	2.904		
13,300.00	7,246.76	7,269.76	7,269.76	179.47	252.06	90.06	133.36	-4,371.12	1,249.36	836.93	412.42	3.029		
13,400.00	7,246.97	7,269.97	7,269.97	182.27	252.07	90.08	133.36	-4,371.12	1,299.23	890.14	409.10	3.176		
13,500.00	7,247.19	7,270.19	7,270.19	185.07	252.08	90.09	133.36	-4,371.12	1,354.67	949.24	405.43	3.341		
13,600.00	7,247.40	7,270.40	7,270.40	187.87	252.09	90.10	133.36	-4,371.12	1,415.01	1,013.45	401.56	3.524		
13,700.00	7,247.61	7,270.61	7,270.61	190.68	252.09	90.11	133.36	-4,371.12	1,479.65	1,082.04	397.61	3.721		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - ANDERSON/JANUARY #1(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.83	7,270.83	7,270.83	193.48	252.10	90.12	133.36	-4,371.12	1,548.06	1,154.38	393.68	3.932		
13,900.00	7,248.04	7,271.04	7,271.04	196.29	252.11	90.13	133.36	-4,371.12	1,619.75	1,229.92	389.83	4.155		
14,000.00	7,248.25	7,271.25	7,271.25	199.10	252.12	90.14	133.36	-4,371.12	1,694.32	1,308.21	386.11	4.388		
14,100.00	7,248.46	7,271.46	7,271.46	201.91	252.12	90.15	133.36	-4,371.12	1,771.40	1,388.86	382.53	4.631		
14,200.00	7,248.68	7,271.68	7,271.68	204.72	252.13	90.16	133.36	-4,371.12	1,850.66	1,471.54	379.13	4.881		
14,300.00	7,248.89	7,271.89	7,271.89	207.53	252.14	90.18	133.36	-4,371.12	1,931.86	1,555.96	375.90	5.139		
14,400.00	7,249.10	7,272.10	7,272.10	210.35	252.15	90.19	133.36	-4,371.12	2,014.74	1,641.89	372.85	5.404		
14,500.00	7,249.32	7,272.32	7,272.32	213.16	252.15	90.20	133.36	-4,371.12	2,099.12	1,729.15	369.98	5.674		
14,600.00	7,249.53	7,272.53	7,272.53	215.98	252.16	90.21	133.36	-4,371.12	2,184.82	1,817.55	367.27	5.949		
14,700.00	7,249.74	7,272.74	7,272.74	218.80	252.17	90.22	133.36	-4,371.12	2,271.68	1,906.96	364.72	6.229		
14,800.00	7,249.96	7,272.96	7,272.96	221.62	252.18	90.23	133.36	-4,371.12	2,359.59	1,997.26	362.33	6.512		
14,900.00	7,250.17	7,273.17	7,273.17	224.44	252.18	90.24	133.36	-4,371.12	2,448.42	2,088.34	360.09	6.800		
15,000.00	7,250.38	7,273.38	7,273.38	227.26	252.19	90.25	133.36	-4,371.12	2,538.09	2,180.12	357.97	7.090		
15,100.00	7,250.59	7,273.59	7,273.59	230.08	252.20	90.26	133.36	-4,371.12	2,628.50	2,272.51	355.99	7.384		
15,200.00	7,250.81	7,273.81	7,273.81	232.90	252.20	90.27	133.36	-4,371.12	2,719.58	2,365.46	354.12	7.680		
15,300.00	7,251.02	7,274.02	7,274.02	235.72	252.21	90.29	133.36	-4,371.12	2,811.27	2,458.91	352.36	7.978		
15,400.00	7,251.23	7,274.23	7,274.23	238.55	252.22	90.30	133.36	-4,371.12	2,903.51	2,552.80	350.71	8.279		
15,500.00	7,251.45	7,274.45	7,274.45	241.37	252.23	90.31	133.36	-4,371.12	2,996.25	2,647.09	349.15	8.581		
15,600.00	7,251.66	7,274.66	7,274.66	244.20	252.23	90.32	133.36	-4,371.12	3,089.43	2,741.75	347.68	8.886		
15,700.00	7,251.87	7,274.87	7,274.87	247.03	252.24	90.33	133.36	-4,371.12	3,183.04	2,836.74	346.30	9.192		
15,800.00	7,252.09	7,275.09	7,275.09	249.85	252.25	90.34	133.36	-4,371.12	3,277.02	2,932.03	344.99	9.499		
15,900.00	7,252.30	7,275.30	7,275.30	252.68	252.26	90.35	133.36	-4,371.12	3,371.34	3,027.60	343.75	9.808		
16,000.00	7,252.51	7,275.51	7,275.51	255.51	252.26	90.36	133.36	-4,371.12	3,465.99	3,123.41	342.58	10.117		
16,100.00	7,252.72	7,275.72	7,275.72	258.34	252.27	90.37	133.36	-4,371.12	3,560.93	3,219.46	341.47	10.428		
16,200.00	7,252.94	7,275.94	7,275.94	261.17	252.28	90.39	133.36	-4,371.12	3,656.13	3,315.72	340.42	10.740		
16,300.00	7,253.15	7,276.15	7,276.15	264.00	252.29	90.40	133.36	-4,371.12	3,751.59	3,412.17	339.42	11.053		
16,400.00	7,253.36	7,276.36	7,276.36	266.83	252.29	90.41	133.36	-4,371.12	3,847.28	3,508.80	338.48	11.366		
16,500.00	7,253.58	7,276.58	7,276.58	269.66	252.30	90.42	133.36	-4,371.12	3,943.18	3,605.60	337.58	11.681		
16,600.00	7,253.79	7,276.79	7,276.79	272.50	252.31	90.43	133.36	-4,371.12	4,039.28	3,702.55	336.73	11.996		
16,700.00	7,254.00	7,277.00	7,277.00	275.33	252.32	90.44	133.36	-4,371.12	4,135.56	3,799.65	335.92	12.311		
16,800.00	7,254.22	7,277.22	7,277.22	278.16	252.32	90.45	133.36	-4,371.12	4,232.02	3,896.87	335.15	12.627		
16,900.00	7,254.43	7,277.43	7,277.43	281.00	252.33	90.46	133.36	-4,371.12	4,328.64	3,994.23	334.41	12.944		
17,000.00	7,254.64	7,277.64	7,277.64	283.83	252.34	90.47	133.36	-4,371.12	4,425.41	4,091.69	333.71	13.261		
17,100.00	7,254.85	7,277.85	7,277.85	286.67	252.35	90.48	133.36	-4,371.12	4,522.32	4,189.27	333.05	13.579		
17,200.00	7,255.07	7,278.07	7,278.07	289.50	252.35	90.50	133.36	-4,371.12	4,619.36	4,286.94	332.41	13.896		
17,300.00	7,255.28	7,278.28	7,278.28	292.34	252.36	90.51	133.36	-4,371.12	4,716.52	4,384.71	331.81	14.215		
17,400.00	7,255.49	7,278.49	7,278.49	295.17	252.37	90.52	133.36	-4,371.12	4,813.80	4,482.57	331.23	14.533		
17,500.00	7,255.71	7,278.71	7,278.71	298.01	252.38	90.53	133.36	-4,371.12	4,911.19	4,580.51	330.68	14.852		
17,600.00	7,255.92	7,278.92	7,278.92	300.85	252.38	90.54	133.36	-4,371.12	5,008.69	4,678.53	330.15	15.171		
17,700.00	7,256.13	7,279.13	7,279.13	303.68	252.39	90.55	133.36	-4,371.12	5,106.27	4,776.63	329.65	15.490		
17,800.00	7,256.35	7,279.35	7,279.35	306.52	252.40	90.56	133.36	-4,371.12	5,203.96	4,874.79	329.17	15.809		
17,900.00	7,256.56	7,279.56	7,279.56	309.36	252.41	90.57	133.36	-4,371.12	5,301.72	4,973.02	328.71	16.129		
18,000.00	7,256.77	7,279.77	7,279.77	312.20	252.41	90.58	133.36	-4,371.12	5,399.57	5,071.31	328.27	16.449		
18,100.00	7,256.98	7,279.98	7,279.98	315.04	252.42	90.60	133.36	-4,371.12	5,497.50	5,169.65	327.85	16.769		
18,200.00	7,257.20	7,280.20	7,280.20	317.88	252.43	90.61	133.36	-4,371.12	5,595.50	5,268.06	327.44	17.089		
18,300.00	7,257.41	7,280.41	7,280.41	320.72	252.44	90.62	133.36	-4,371.12	5,693.57	5,366.51	327.06	17.409		
18,400.00	7,257.62	7,280.62	7,280.62	323.56	252.44	90.63	133.36	-4,371.12	5,791.70	5,465.02	326.69	17.729		
18,500.00	7,257.84	7,280.84	7,280.84	326.40	252.45	90.64	133.36	-4,371.12	5,889.90	5,563.57	326.33	18.049		
18,600.00	7,258.05	7,281.05	7,281.05	329.24	252.46	90.65	133.36	-4,371.12	5,988.16	5,662.17	325.99	18.369		
18,700.00	7,258.26	7,281.26	7,281.26	332.08	252.47	90.66	133.36	-4,371.12	6,086.48	5,760.81	325.67	18.689		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - ANDERSON/JANUARY #1(PR) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>		<b>Distance</b>								
<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Reference (ft)</b>	<b>Offset (ft)</b>	<b>Highside Toolface (")</b>	<b>Offset Wellbore Centre +N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Between Centres (ft)</b>	<b>Between Ellipses (ft)</b>	<b>Minimum Separation (ft)</b>	<b>Separation Factor</b>	<b>Warning</b>	
18,800.00	7,258.48	7,281.48	7,281.48	334.92	252.47	90.67	133.36	-4,371.12	6,184.84	5,859.49	325.36	19.009		
18,900.00	7,258.69	7,281.69	7,281.69	337.76	252.48	90.68	133.36	-4,371.12	6,283.26	5,958.20	325.06	19.330		
19,000.00	7,258.90	7,281.90	7,281.90	340.60	252.49	90.70	133.36	-4,371.12	6,381.73	6,056.96	324.78	19.650		
19,046.19	7,259.00	7,282.00	7,282.00	341.92	252.49	90.70	133.36	-4,371.12	6,427.23	6,102.58	324.65	19.798		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - BLACK GOLD #5(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	32.00	32.00	3.28	3.33	-92.52	-394.73	-8,977.43	8,986.10					
100.00	100.00	132.00	132.00	3.28	4.35	-92.52	-394.73	-8,977.43	8,986.10	8,978.47	7.64	1,176.469		
200.00	200.00	232.00	232.00	3.34	7.15	-92.52	-394.73	-8,977.43	8,986.10	8,975.62	10.49	856.852		
300.00	300.00	332.00	332.00	3.44	10.38	-92.52	-394.73	-8,977.43	8,986.10	8,972.28	13.82	650.151		
400.00	399.98	431.98	431.98	3.60	13.73	142.47	-394.73	-8,977.43	8,987.49	8,970.16	17.33	518.616		
500.00	499.84	531.84	531.84	3.79	17.14	142.44	-394.73	-8,977.43	8,991.64	8,970.71	20.93	429.628		
600.00	599.45	631.45	631.45	4.03	20.56	142.39	-394.73	-8,977.43	8,998.56	8,973.97	24.59	365.966		
700.00	698.70	730.70	730.70	4.30	23.99	142.32	-394.73	-8,977.43	9,008.23	8,979.95	28.29	318.450		
800.00	797.47	829.47	829.47	4.61	27.41	142.23	-394.73	-8,977.43	9,020.66	8,988.65	32.01	281.787		
900.00	895.62	927.62	927.62	4.95	30.81	142.11	-394.73	-8,977.43	9,035.84	9,000.09	35.75	252.737		
1,000.00	993.06	1,025.06	1,025.06	5.33	34.20	141.98	-394.73	-8,977.43	9,053.75	9,014.25	39.50	229.221		
1,100.00	1,090.08	1,122.08	1,122.08	5.74	37.57	142.07	-394.73	-8,977.43	9,073.03	9,029.78	43.25	209.767		
1,200.00	1,187.11	1,219.11	1,219.11	6.17	40.95	142.16	-394.73	-8,977.43	9,092.34	9,045.32	47.02	193.353		
1,300.00	1,284.14	1,316.14	1,316.14	6.61	44.32	142.25	-394.73	-8,977.43	9,111.67	9,060.86	50.81	179.317		
1,400.00	1,381.17	1,413.17	1,413.17	7.07	47.70	142.35	-394.73	-8,977.43	9,131.03	9,076.41	54.62	167.187		
1,500.00	1,478.20	1,510.20	1,510.20	7.55	51.08	142.44	-394.73	-8,977.43	9,150.40	9,091.97	58.43	156.607		
1,600.00	1,575.23	1,607.23	1,607.23	8.03	54.46	142.53	-394.73	-8,977.43	9,169.80	9,107.55	62.25	147.302		
1,700.00	1,672.26	1,704.26	1,704.26	8.52	57.84	142.62	-394.73	-8,977.43	9,189.23	9,123.14	66.08	139.057		
1,800.00	1,769.29	1,801.29	1,801.29	9.01	61.23	142.71	-394.73	-8,977.43	9,208.67	9,138.75	69.92	131.704		
1,900.00	1,866.32	1,901.68	1,898.32	9.51	64.73	142.80	-394.73	-8,977.43	9,228.14	9,154.26	73.88	124.908		
2,000.00	1,963.35	2,004.65	1,995.35	10.02	68.32	142.89	-394.73	-8,977.43	9,247.63	9,169.70	77.93	118.660		
2,100.00	2,060.38	2,107.62	2,092.38	10.53	71.91	142.98	-394.73	-8,977.43	9,267.14	9,185.15	81.99	113.025		
2,200.00	2,157.41	2,189.41	2,189.41	11.04	74.76	143.07	-394.73	-8,977.43	9,286.68	9,201.36	85.32	108.851		
2,300.00	2,254.44	2,286.44	2,286.44	11.56	78.14	143.16	-394.73	-8,977.43	9,306.23	9,217.06	89.17	104.361		
2,400.00	2,351.47	2,383.47	2,383.47	12.07	81.53	143.24	-394.73	-8,977.43	9,325.81	9,232.78	93.03	100.241		
2,500.00	2,448.50	2,480.50	2,480.50	12.59	84.91	143.33	-394.73	-8,977.43	9,345.41	9,248.51	96.90	96.448		
2,600.00	2,545.53	2,577.53	2,577.53	13.12	88.30	143.42	-394.73	-8,977.43	9,365.03	9,264.27	100.76	92.944		
2,700.00	2,642.56	2,674.56	2,674.56	13.64	91.68	143.51	-394.73	-8,977.43	9,384.67	9,280.05	104.63	89.697		
2,800.00	2,739.59	2,771.59	2,771.59	14.17	95.07	143.59	-394.73	-8,977.43	9,404.34	9,295.84	108.49	86.681		
2,900.00	2,836.62	2,868.62	2,868.62	14.69	98.45	143.68	-394.73	-8,977.43	9,424.02	9,311.66	112.36	83.871		
3,000.00	2,933.65	2,965.65	2,965.65	15.22	101.84	143.77	-394.73	-8,977.43	9,443.73	9,327.49	116.23	81.248		
3,100.00	3,030.68	3,062.68	3,062.68	15.75	105.22	143.85	-394.73	-8,977.43	9,463.45	9,343.35	120.10	78.794		
3,200.00	3,127.71	3,159.71	3,159.71	16.28	108.61	143.94	-394.73	-8,977.43	9,483.20	9,359.22	123.98	76.492		
3,300.00	3,224.74	3,256.74	3,256.74	16.82	112.00	144.02	-394.73	-8,977.43	9,502.97	9,375.12	127.85	74.329		
3,400.00	3,321.76	3,353.76	3,353.76	17.35	115.38	144.11	-394.73	-8,977.43	9,522.76	9,391.03	131.72	72.294		
3,500.00	3,418.79	3,450.79	3,450.79	17.88	118.77	144.19	-394.73	-8,977.43	9,542.57	9,406.97	135.60	70.374		
3,600.00	3,515.82	3,547.82	3,547.82	18.42	122.15	144.27	-394.73	-8,977.43	9,562.39	9,422.92	139.47	68.561		
3,700.00	3,612.85	3,644.85	3,644.85	18.95	125.54	144.36	-394.73	-8,977.43	9,582.24	9,438.89	143.35	66.846		
3,800.00	3,709.88	3,741.88	3,741.88	19.49	128.93	144.44	-394.73	-8,977.43	9,602.11	9,454.89	147.22	65.221		
3,900.00	3,806.91	3,838.91	3,838.91	20.02	132.31	144.52	-394.73	-8,977.43	9,622.00	9,470.90	151.10	63.680		
4,000.00	3,903.94	3,935.94	3,935.94	20.56	135.70	144.61	-394.73	-8,977.43	9,641.91	9,486.93	154.98	62.215		
4,100.00	4,000.97	4,032.97	4,032.97	21.09	139.08	144.69	-394.73	-8,977.43	9,661.83	9,502.98	158.85	60.822		
4,200.00	4,098.00	4,130.00	4,130.00	21.63	142.47	144.77	-394.73	-8,977.43	9,681.78	9,519.05	162.73	59.496		
4,300.00	4,195.03	4,227.03	4,227.03	22.17	145.86	144.85	-394.73	-8,977.43	9,701.75	9,535.14	166.61	58.231		
4,400.00	4,292.06	4,324.06	4,324.06	22.71	149.24	144.93	-394.73	-8,977.43	9,721.73	9,551.25	170.49	57.023		
4,500.00	4,389.09	4,421.09	4,421.09	23.25	152.63	145.01	-394.73	-8,977.43	9,741.74	9,567.37	174.36	55.870		
4,600.00	4,486.12	4,518.12	4,518.12	23.78	156.02	145.10	-394.73	-8,977.43	9,761.76	9,583.52	178.24	54.767		
4,700.00	4,583.15	4,615.15	4,615.15	24.32	159.40	145.18	-394.73	-8,977.43	9,781.80	9,599.68	182.12	53.710		
4,800.00	4,680.18	4,712.18	4,712.18	24.86	162.79	145.26	-394.73	-8,977.43	9,801.87	9,615.87	186.00	52.698		
4,900.00	4,777.21	4,809.21	4,809.21	25.40	166.18	145.34	-394.73	-8,977.43	9,821.94	9,632.07	189.88	51.728		
5,000.00	4,874.24	4,906.24	4,906.24	25.94	169.56	145.41	-394.73	-8,977.43	9,842.04	9,648.29	193.76	50.796		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - BLACK GOLD #5(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
5,100.00	4,971.27	5,003.27	5,003.27	26.48	172.95	145.49	-394.73	-8,977.43	9,862.16	9,664.52	197.64	49.901		
5,200.00	5,068.30	5,100.30	5,100.30	27.02	176.34	145.57	-394.73	-8,977.43	9,882.29	9,680.78	201.52	49.040		
5,300.00	5,165.33	5,202.67	5,197.33	27.56	179.91	145.65	-394.73	-8,977.43	9,902.45	9,696.87	205.58	48.168		
5,400.00	5,262.36	5,305.64	5,294.36	28.10	183.50	145.73	-394.73	-8,977.43	9,922.62	9,712.95	209.67	47.326		
5,500.00	5,359.39	5,408.61	5,391.39	28.64	187.10	145.81	-394.73	-8,977.43	9,942.81	9,729.05	213.75	46.515		
5,600.00	5,456.42	5,488.42	5,488.42	29.18	189.88	145.88	-394.73	-8,977.43	9,963.01	9,745.98	217.03	45.906		
5,700.00	5,553.45	5,585.45	5,585.45	29.72	193.27	145.96	-394.73	-8,977.43	9,983.24	9,762.33	220.91	45.191		
7,300.00	7,062.91	7,105.09	7,094.91	37.32	246.32	15.88	-394.73	-8,977.43	9,995.11	9,714.96	280.15	35.678		
7,350.00	7,095.45	7,127.45	7,127.45	37.59	247.10	15.65	-394.73	-8,977.43	9,957.79	9,676.86	280.93	35.446		
7,400.00	7,124.97	7,156.97	7,156.97	37.88	248.13	15.69	-394.73	-8,977.43	9,917.99	9,636.04	281.95	35.176		
7,450.00	7,151.28	7,183.28	7,183.28	38.21	249.04	16.04	-394.73	-8,977.43	9,875.95	9,593.10	282.85	34.916		
7,500.00	7,174.22	7,206.22	7,206.22	38.58	249.85	16.79	-394.73	-8,977.43	9,831.94	9,548.30	283.63	34.664		
7,550.00	7,193.65	7,225.65	7,225.65	38.98	250.52	18.08	-394.73	-8,977.43	9,786.22	9,501.93	284.29	34.424		
7,600.00	7,209.45	7,241.45	7,241.45	39.43	251.08	20.27	-394.73	-8,977.43	9,739.07	9,454.26	284.82	34.194		
7,650.00	7,221.52	7,253.52	7,253.52	39.91	251.50	24.21	-394.73	-8,977.43	9,690.79	9,405.58	285.22	33.977		
7,700.00	7,229.79	7,261.79	7,261.79	40.42	251.79	32.33	-394.73	-8,977.43	9,641.67	9,356.19	285.49	33.773		
7,750.00	7,234.21	7,266.21	7,266.21	40.97	251.94	54.44	-394.73	-8,977.43	9,592.02	9,306.39	285.63	33.582		
7,780.56	7,235.00	7,267.00	7,267.00	41.32	251.97	88.06	-394.73	-8,977.43	9,561.54	9,275.88	285.66	33.472		
7,800.00	7,235.04	7,267.04	7,267.04	41.54	251.97	88.06	-394.73	-8,977.43	9,542.14	9,256.48	285.66	33.404		
7,900.00	7,235.26	7,267.26	7,267.26	42.82	251.98	88.08	-394.73	-8,977.43	9,442.34	9,156.68	285.66	33.054		
8,000.00	7,235.47	7,267.47	7,267.47	44.25	251.98	88.10	-394.73	-8,977.43	9,342.54	9,056.88	285.67	32.704		
8,100.00	7,235.68	7,267.68	7,267.68	45.82	251.99	88.12	-394.73	-8,977.43	9,242.75	8,957.08	285.67	32.354		
8,200.00	7,235.90	7,267.90	7,267.90	47.52	252.00	88.14	-394.73	-8,977.43	9,142.96	8,857.28	285.68	32.004		
8,300.00	7,236.11	7,268.11	7,268.11	49.34	252.01	88.16	-394.73	-8,977.43	9,043.18	8,757.48	285.70	31.653		
8,400.00	7,236.32	7,268.32	7,268.32	51.25	252.01	88.18	-394.73	-8,977.43	8,943.40	8,657.69	285.71	31.302		
8,500.00	7,236.54	7,268.54	7,268.54	53.26	252.02	88.20	-394.73	-8,977.43	8,843.63	8,557.90	285.73	30.951		
8,600.00	7,236.75	7,268.75	7,268.75	55.34	252.03	88.22	-394.73	-8,977.43	8,743.86	8,458.11	285.75	30.600		
8,700.00	7,236.96	7,268.96	7,268.96	57.50	252.04	88.24	-394.73	-8,977.43	8,644.10	8,358.33	285.77	30.248		
8,800.00	7,237.17	7,269.17	7,269.17	59.71	252.04	88.26	-394.73	-8,977.43	8,544.34	8,258.54	285.80	29.896		
8,900.00	7,237.39	7,269.39	7,269.39	61.98	252.05	88.28	-394.73	-8,977.43	8,444.59	8,158.76	285.83	29.544		
9,000.00	7,237.60	7,269.60	7,269.60	64.29	252.06	88.30	-394.73	-8,977.43	8,344.85	8,058.99	285.86	29.192		
9,100.00	7,237.81	7,269.81	7,269.81	66.65	252.07	88.32	-394.73	-8,977.43	8,245.11	7,959.21	285.90	28.839		
9,200.00	7,238.03	7,270.03	7,270.03	69.05	252.07	88.35	-394.73	-8,977.43	8,145.38	7,859.44	285.94	28.487		
9,300.00	7,238.24	7,270.24	7,270.24	71.48	252.08	88.37	-394.73	-8,977.43	8,045.65	7,759.67	285.98	28.134		
9,400.00	7,238.45	7,270.45	7,270.45	73.95	252.09	88.39	-394.73	-8,977.43	7,945.93	7,659.91	286.03	27.780		
9,500.00	7,238.67	7,270.67	7,270.67	76.44	252.10	88.41	-394.73	-8,977.43	7,846.22	7,560.14	286.08	27.427		
9,600.00	7,238.88	7,270.88	7,270.88	78.96	252.10	88.43	-394.73	-8,977.43	7,746.52	7,460.39	286.13	27.073		
9,700.00	7,239.09	7,271.09	7,271.09	81.50	252.11	88.45	-394.73	-8,977.43	7,646.82	7,360.63	286.19	26.719		
9,800.00	7,239.30	7,271.30	7,271.30	84.06	252.12	88.47	-394.73	-8,977.43	7,547.13	7,260.88	286.25	26.365		
9,900.00	7,239.52	7,271.52	7,271.52	86.64	252.13	88.49	-394.73	-8,977.43	7,447.45	7,161.13	286.32	26.011		
10,000.00	7,239.73	7,271.73	7,271.73	89.23	252.13	88.51	-394.73	-8,977.43	7,347.78	7,061.39	286.39	25.656		
10,100.00	7,239.94	7,271.94	7,271.94	91.85	252.14	88.53	-394.73	-8,977.43	7,248.12	6,961.65	286.47	25.301		
10,200.00	7,240.16	7,272.16	7,272.16	94.47	252.15	88.55	-394.73	-8,977.43	7,148.46	6,861.91	286.56	24.946		
10,300.00	7,240.37	7,272.37	7,272.37	97.11	252.15	88.57	-394.73	-8,977.43	7,048.82	6,762.18	286.65	24.591		
10,400.00	7,240.58	7,272.58	7,272.58	99.76	252.16	88.59	-394.73	-8,977.43	6,949.19	6,662.45	286.74	24.235		
10,500.00	7,240.80	7,272.80	7,272.80	102.43	252.17	88.61	-394.73	-8,977.43	6,849.57	6,562.72	286.84	23.879		
10,600.00	7,241.01	7,273.01	7,273.01	105.10	252.18	88.63	-394.73	-8,977.43	6,749.96	6,463.00	286.95	23.523		
10,700.00	7,241.22	7,273.22	7,273.22	107.79	252.18	88.65	-394.73	-8,977.43	6,650.36	6,363.29	287.07	23.166		
10,800.00	7,241.43	7,273.43	7,273.43	110.48	252.19	88.67	-394.73	-8,977.43	6,550.77	6,263.58	287.19	22.810		
10,900.00	7,241.65	7,273.65	7,273.65	113.18	252.20	88.69	-394.73	-8,977.43	6,451.19	6,163.87	287.33	22.453		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - BLACK GOLD #5(PR) - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
11,000.00	7,241.86	7,273.86	7,273.86	115.89	252.21	88.71	-394.73	-8,977.43	6,351.63	6,064.17	287.47	22.095					
11,100.00	7,242.07	7,274.07	7,274.07	118.60	252.21	88.73	-394.73	-8,977.43	6,252.09	5,964.47	287.62	21.738					
11,200.00	7,242.29	7,274.29	7,274.29	121.32	252.22	88.75	-394.73	-8,977.43	6,152.55	5,864.78	287.77	21.380					
11,300.00	7,242.50	7,274.50	7,274.50	124.05	252.23	88.77	-394.73	-8,977.43	6,053.04	5,765.09	287.94	21.022					
11,400.00	7,242.71	7,274.71	7,274.71	126.78	252.24	88.79	-394.73	-8,977.43	5,953.54	5,665.41	288.13	20.663					
11,500.00	7,242.93	7,274.93	7,274.93	129.52	252.24	88.81	-394.73	-8,977.43	5,854.05	5,565.73	288.32	20.304					
11,600.00	7,243.14	7,275.14	7,275.14	132.27	252.25	88.83	-394.73	-8,977.43	5,754.59	5,466.06	288.52	19.945					
11,700.00	7,243.35	7,275.35	7,275.35	135.02	252.26	88.85	-394.73	-8,977.43	5,655.14	5,366.40	288.74	19.586					
11,800.00	7,243.57	7,275.57	7,275.57	137.77	252.27	88.87	-394.73	-8,977.43	5,555.71	5,266.74	288.97	19.226					
11,900.00	7,243.78	7,275.78	7,275.78	140.53	252.27	88.90	-394.73	-8,977.43	5,456.31	5,167.09	289.22	18.866					
12,000.00	7,243.99	7,275.99	7,275.99	143.29	252.28	88.92	-394.73	-8,977.43	5,356.92	5,067.44	289.48	18.505					
12,100.00	7,244.20	7,276.20	7,276.20	146.05	252.29	88.94	-394.73	-8,977.43	5,257.56	4,967.80	289.76	18.144					
12,200.00	7,244.42	7,276.42	7,276.42	148.82	252.30	88.96	-394.73	-8,977.43	5,158.22	4,868.16	290.06	17.783					
12,300.00	7,244.63	7,276.63	7,276.63	151.60	252.30	88.98	-394.73	-8,977.43	5,058.91	4,768.53	290.38	17.422					
12,400.00	7,244.84	7,276.84	7,276.84	154.37	252.31	89.00	-394.73	-8,977.43	4,959.63	4,668.91	290.72	17.060					
12,500.00	7,245.06	7,277.06	7,277.06	157.15	252.32	89.02	-394.73	-8,977.43	4,860.38	4,569.29	291.09	16.697					
12,600.00	7,245.27	7,277.27	7,277.27	159.93	252.33	89.04	-394.73	-8,977.43	4,761.16	4,469.68	291.48	16.335					
12,700.00	7,245.48	7,277.48	7,277.48	162.71	252.33	89.06	-394.73	-8,977.43	4,661.97	4,370.08	291.89	15.972					
12,800.00	7,245.70	7,277.70	7,277.70	165.50	252.34	89.08	-394.73	-8,977.43	4,562.82	4,270.48	292.33	15.608					
12,900.00	7,245.91	7,277.91	7,277.91	168.29	252.35	89.10	-394.73	-8,977.43	4,463.70	4,170.89	292.81	15.244					
13,000.00	7,246.12	7,278.12	7,278.12	171.08	252.36	89.12	-394.73	-8,977.43	4,364.63	4,071.31	293.32	14.880					
13,100.00	7,246.33	7,278.33	7,278.33	173.87	252.36	89.14	-394.73	-8,977.43	4,265.59	3,971.73	293.86	14.516					
13,200.00	7,246.55	7,278.55	7,278.55	176.67	252.37	89.16	-394.73	-8,977.43	4,166.61	3,872.17	294.44	14.151					
13,300.00	7,246.76	7,278.76	7,278.76	179.47	252.38	89.18	-394.73	-8,977.43	4,067.67	3,772.61	295.07	13.786					
13,400.00	7,246.97	7,278.97	7,278.97	182.27	252.39	89.20	-394.73	-8,977.43	3,968.79	3,673.05	295.74	13.420					
13,500.00	7,247.19	7,279.19	7,279.19	185.07	252.39	89.22	-394.73	-8,977.43	3,869.97	3,573.51	296.46	13.054					
13,600.00	7,247.40	7,279.40	7,279.40	187.87	252.40	89.24	-394.73	-8,977.43	3,771.20	3,473.97	297.23	12.688					
13,700.00	7,247.61	7,279.61	7,279.61	190.68	252.41	89.26	-394.73	-8,977.43	3,672.51	3,374.44	298.07	12.321					
13,800.00	7,247.83	7,279.83	7,279.83	193.48	252.42	89.28	-394.73	-8,977.43	3,573.88	3,274.92	298.97	11.954					
13,900.00	7,248.04	7,280.04	7,280.04	196.29	252.42	89.30	-394.73	-8,977.43	3,475.34	3,175.40	299.93	11.587					
14,000.00	7,248.25	7,280.25	7,280.25	199.10	252.43	89.32	-394.73	-8,977.43	3,376.88	3,075.90	300.98	11.220					
14,100.00	7,248.46	7,280.46	7,280.46	201.91	252.44	89.34	-394.73	-8,977.43	3,278.51	2,976.40	302.11	10.852					
14,200.00	7,248.68	7,280.68	7,280.68	204.72	252.44	89.36	-394.73	-8,977.43	3,180.25	2,876.92	303.33	10.484					
14,300.00	7,248.89	7,280.89	7,280.89	207.53	252.45	89.38	-394.73	-8,977.43	3,082.10	2,777.44	304.65	10.117					
14,400.00	7,249.10	7,281.10	7,281.10	210.35	252.46	89.40	-394.73	-8,977.43	2,984.06	2,677.98	306.08	9.749					
14,500.00	7,249.32	7,281.32	7,281.32	213.16	252.47	89.42	-394.73	-8,977.43	2,886.17	2,578.53	307.64	9.382					
14,600.00	7,249.53	7,281.53	7,281.53	215.98	252.47	89.45	-394.73	-8,977.43	2,788.42	2,479.09	309.33	9.014					
14,700.00	7,249.74	7,281.74	7,281.74	218.80	252.48	89.47	-394.73	-8,977.43	2,690.84	2,379.67	311.18	8.647					
14,800.00	7,249.96	7,281.96	7,281.96	221.62	252.49	89.49	-394.73	-8,977.43	2,593.45	2,280.26	313.19	8.281					
14,900.00	7,250.17	7,282.17	7,282.17	224.44	252.50	89.51	-394.73	-8,977.43	2,496.26	2,180.87	315.39	7.915					
15,000.00	7,250.38	7,282.38	7,282.38	227.26	252.50	89.53	-394.73	-8,977.43	2,399.30	2,081.51	317.80	7.550					
15,100.00	7,250.59	7,282.59	7,282.59	230.08	252.51	89.55	-394.73	-8,977.43	2,302.60	1,982.16	320.44	7.186					
15,200.00	7,250.81	7,282.81	7,282.81	232.90	252.52	89.57	-394.73	-8,977.43	2,206.20	1,882.85	323.34	6.823					
15,300.00	7,251.02	7,283.02	7,283.02	235.72	252.53	89.59	-394.73	-8,977.43	2,110.13	1,783.58	326.55	6.462					
15,400.00	7,251.23	7,283.23	7,283.23	238.55	252.53	89.61	-394.73	-8,977.43	2,014.44	1,684.35	330.09	6.103					
15,500.00	7,251.45	7,283.45	7,283.45	241.37	252.54	89.63	-394.73	-8,977.43	1,919.19	1,585.18	334.02	5.746					
15,600.00	7,251.66	7,283.66	7,283.66	244.20	252.55	89.65	-394.73	-8,977.43	1,824.46	1,486.08	338.38	5.392					
15,700.00	7,251.87	7,283.87	7,283.87	247.03	252.56	89.67	-394.73	-8,977.43	1,730.31	1,387.07	343.24	5.041					
15,800.00	7,252.09	7,284.09	7,284.09	249.85	252.56	89.69	-394.73	-8,977.43	1,636.86	1,288.17	348.69	4.694					
15,900.00	7,252.30	7,284.30	7,284.30	252.68	252.57	89.71	-394.73	-8,977.43	1,544.23	1,189.43	354.80	4.352					
16,000.00	7,252.51	7,284.51	7,284.51	255.51	252.58	89.73	-394.73	-8,977.43	1,452.57	1,090.90	361.68	4.016					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - BLACK GOLD #5(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
16,100.00	7,252.72	7,284.72	7,284.72	258.34	252.59	89.75	-394.73	-8,977.43	1,362.10	992.64	369.46	3.687		
16,200.00	7,252.94	7,284.94	7,284.94	261.17	252.59	89.77	-394.73	-8,977.43	1,273.04	894.77	378.28	3.365		
16,300.00	7,253.15	7,285.15	7,285.15	264.00	252.60	89.79	-394.73	-8,977.43	1,185.74	797.43	388.30	3.054		
16,400.00	7,253.36	7,285.36	7,285.36	266.83	252.61	89.81	-394.73	-8,977.43	1,100.59	700.87	399.72	2.753		
16,500.00	7,253.58	7,285.58	7,285.58	269.66	252.62	89.83	-394.73	-8,977.43	1,018.15	605.44	412.71	2.467		
16,600.00	7,253.79	7,285.79	7,285.79	272.50	252.62	89.85	-394.73	-8,977.43	939.13	511.67	427.46	2.197		
16,700.00	7,254.00	7,286.00	7,286.00	275.33	252.63	89.87	-394.73	-8,977.43	864.46	420.41	444.05	1.947		
16,800.00	7,254.22	7,286.22	7,286.22	278.16	252.64	89.89	-394.73	-8,977.43	795.38	332.97	462.41	1.720		
16,900.00	7,254.43	7,286.43	7,286.43	281.00	252.65	89.91	-394.73	-8,977.43	733.46	251.33	482.12	1.521		
17,000.00	7,254.64	7,286.64	7,286.64	283.83	252.65	89.93	-394.73	-8,977.43	680.65	178.44	502.22	1.355	Level 3	
17,100.00	7,254.85	7,286.85	7,286.85	286.67	252.66	89.95	-394.73	-8,977.43	639.24	118.27	520.96	1.227	Level 2	
17,200.00	7,255.07	7,287.07	7,287.07	289.50	252.67	89.97	-394.73	-8,977.43	611.52	75.56	535.96	1.141	Level 2	
17,300.00	7,255.28	7,287.28	7,287.28	292.34	252.68	90.00	-394.73	-8,977.43	599.40	54.68	544.72	1.100	Level 2	
17,323.34	7,255.33	7,287.33	7,287.33	293.00	252.68	90.00	-394.73	-8,977.43	598.95	53.28	545.67	1.098	Level 2, CC, ES, SF	
17,400.00	7,255.49	7,287.49	7,287.49	295.17	252.68	90.02	-394.73	-8,977.43	603.83	58.11	545.73	1.106	Level 2	
17,500.00	7,255.71	7,287.71	7,287.71	298.01	252.69	90.04	-394.73	-8,977.43	624.46	85.23	539.23	1.158	Level 2	
17,600.00	7,255.92	7,287.92	7,287.92	300.85	252.70	90.06	-394.73	-8,977.43	659.76	132.73	527.03	1.252	Level 3	
17,700.00	7,256.13	7,288.13	7,288.13	303.68	252.70	90.08	-394.73	-8,977.43	707.54	196.00	511.53	1.383	Level 3	
17,800.00	7,256.35	7,288.35	7,288.35	306.52	252.71	90.10	-394.73	-8,977.43	765.47	270.61	494.85	1.547		
17,900.00	7,256.56	7,288.56	7,288.56	309.36	252.72	90.12	-394.73	-8,977.43	831.43	353.02	478.41	1.738		
18,000.00	7,256.77	7,288.77	7,288.77	312.20	252.73	90.14	-394.73	-8,977.43	903.66	440.66	463.00	1.952		
18,100.00	7,256.98	7,288.98	7,288.98	315.04	252.73	90.16	-394.73	-8,977.43	980.78	531.82	448.96	2.185		
18,200.00	7,257.20	7,289.20	7,289.20	317.88	252.74	90.18	-394.73	-8,977.43	1,061.73	625.35	436.37	2.433		
18,300.00	7,257.41	7,289.41	7,289.41	320.72	252.75	90.20	-394.73	-8,977.43	1,145.68	720.50	425.18	2.695		
18,400.00	7,257.62	7,289.62	7,289.62	323.56	252.76	90.22	-394.73	-8,977.43	1,232.04	816.78	415.25	2.967		
18,500.00	7,257.84	7,289.84	7,289.84	326.40	252.76	90.24	-394.73	-8,977.43	1,320.32	913.87	406.46	3.248		
18,600.00	7,258.05	7,309.95	7,290.05	329.24	253.47	90.26	-394.73	-8,977.43	1,410.17	1,010.83	399.34	3.531		
18,700.00	7,258.26	7,309.74	7,290.26	332.08	253.46	90.28	-394.73	-8,977.43	1,501.30	1,108.93	392.38	3.826		
18,800.00	7,258.48	7,309.52	7,290.48	334.92	253.45	90.30	-394.73	-8,977.43	1,593.50	1,207.34	386.16	4.127		
18,900.00	7,258.69	7,309.31	7,290.69	337.76	253.44	90.32	-394.73	-8,977.43	1,686.59	1,305.99	380.59	4.431		
19,000.00	7,258.90	7,309.10	7,290.90	340.60	253.44	90.34	-394.73	-8,977.43	1,780.42	1,404.83	375.59	4.740		
19,046.19	7,259.00	7,309.00	7,291.00	341.92	253.43	90.35	-394.73	-8,977.43	1,823.98	1,450.54	373.45	4.884		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - BLACK GOLD PETROLEUM #1(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	13.00	13.00	3.28	3.29	-96.94	-1,180.63	-9,701.64	9,773.22					
100.00	100.00	113.00	113.00	3.28	3.95	-96.94	-1,180.63	-9,701.64	9,773.22	9,765.98	7.23	1,351.048		
200.00	200.00	213.00	213.00	3.34	6.57	-96.94	-1,180.63	-9,701.64	9,773.22	9,763.31	9.91	986.694		
300.00	300.00	313.00	313.00	3.44	9.75	-96.94	-1,180.63	-9,701.64	9,773.22	9,760.02	13.19	740.701		
400.00	399.98	412.98	412.98	3.60	13.09	138.05	-1,180.63	-9,701.64	9,774.51	9,757.83	16.69	585.771		
500.00	499.84	512.84	512.84	3.79	16.49	138.02	-1,180.63	-9,701.64	9,778.41	9,758.13	20.28	482.214		
600.00	599.45	612.45	612.45	4.03	19.91	137.97	-1,180.63	-9,701.64	9,784.90	9,760.96	23.93	408.834		
700.00	698.70	711.70	711.70	4.30	23.33	137.89	-1,180.63	-9,701.64	9,793.97	9,766.34	27.63	354.460		
800.00	797.47	810.47	810.47	4.61	26.75	137.80	-1,180.63	-9,701.64	9,805.63	9,774.28	31.35	312.735		
900.00	895.62	908.62	908.62	4.95	30.15	137.68	-1,180.63	-9,701.64	9,819.87	9,784.78	35.09	279.814		
1,000.00	993.06	1,006.06	1,006.06	5.33	33.54	137.53	-1,180.63	-9,701.64	9,836.68	9,797.84	38.84	253.249		
1,100.00	1,090.08	1,103.08	1,103.08	5.74	36.91	137.63	-1,180.63	-9,701.64	9,854.78	9,812.18	42.60	231.333		
1,200.00	1,187.11	1,200.11	1,200.11	6.17	40.28	137.72	-1,180.63	-9,701.64	9,872.91	9,826.53	46.38	212.889		
1,300.00	1,284.14	1,302.86	1,297.14	6.61	43.86	137.81	-1,180.63	-9,701.64	9,891.06	9,840.70	50.37	196.377		
1,400.00	1,381.17	1,405.83	1,394.17	7.07	47.45	137.91	-1,180.63	-9,701.64	9,909.24	9,854.86	54.38	182.217		
1,500.00	1,478.20	1,508.80	1,491.20	7.55	51.03	138.00	-1,180.63	-9,701.64	9,927.45	9,869.04	58.41	169.969		
1,600.00	1,575.23	1,588.23	1,588.23	8.03	53.80	138.09	-1,180.63	-9,701.64	9,945.68	9,884.06	61.62	161.398		
1,700.00	1,672.26	1,685.26	1,685.26	8.52	57.18	138.18	-1,180.63	-9,701.64	9,963.94	9,898.48	65.46	152.219		
1,800.00	1,769.29	1,782.29	1,782.29	9.01	60.56	138.27	-1,180.63	-9,701.64	9,982.22	9,912.92	69.30	144.043		
8,100.00	7,235.68	7,248.68	7,248.68	45.82	251.33	-83.40	-1,180.63	-9,701.64	9,953.21	9,667.79	285.42	34.873		
8,200.00	7,235.90	7,248.90	7,248.90	47.52	251.34	-83.47	-1,180.63	-9,701.64	9,953.22	9,667.80	285.43	34.521		
8,300.00	7,236.11	7,249.11	7,249.11	49.34	251.34	-83.53	-1,180.63	-9,701.64	9,953.24	9,667.80	285.44	34.169		
8,400.00	7,236.32	7,249.32	7,249.32	51.25	251.35	-83.60	-1,180.63	-9,701.64	9,953.26	9,667.80	285.46	33.817		
8,500.00	7,236.54	7,249.54	7,249.54	53.26	251.36	-83.67	-1,180.63	-9,701.64	9,953.28	9,667.80	285.48	33.464		
8,600.00	7,236.75	7,249.75	7,249.75	55.34	251.37	-83.73	-1,180.63	-9,701.64	9,953.30	9,667.80	285.50	33.112		
8,700.00	7,236.96	7,249.96	7,249.96	57.50	251.37	-83.80	-1,180.63	-9,701.64	9,953.32	9,667.80	285.52	32.759		
8,800.00	7,237.17	7,250.17	7,250.17	59.71	251.38	-83.86	-1,180.63	-9,701.64	9,953.34	9,667.80	285.54	32.407		
8,900.00	7,237.39	7,250.39	7,250.39	61.98	251.39	-83.93	-1,180.63	-9,701.64	9,953.36	9,667.80	285.56	32.054		
9,000.00	7,237.60	7,250.60	7,250.60	64.29	251.39	-83.99	-1,180.63	-9,701.64	9,953.38	9,667.79	285.58	31.701		
9,100.00	7,237.81	7,250.81	7,250.81	66.65	251.40	-84.06	-1,180.63	-9,701.64	9,953.40	9,667.79	285.61	31.349		
9,200.00	7,238.03	7,251.03	7,251.03	69.05	251.41	-84.13	-1,180.63	-9,701.64	9,953.42	9,667.78	285.63	30.996		
9,300.00	7,238.24	7,251.24	7,251.24	71.48	251.42	-84.19	-1,180.63	-9,701.64	9,953.44	9,667.78	285.66	30.643		
9,400.00	7,238.45	7,251.45	7,251.45	73.95	251.42	-84.26	-1,180.63	-9,701.64	9,953.46	9,667.77	285.69	30.290		
9,500.00	7,238.67	7,251.67	7,251.67	76.44	251.43	-84.32	-1,180.63	-9,701.64	9,953.49	9,667.76	285.72	29.936		
9,600.00	7,238.88	7,251.88	7,251.88	78.96	251.44	-84.39	-1,180.63	-9,701.64	9,953.51	9,667.75	285.75	29.583		
9,700.00	7,239.09	7,252.09	7,252.09	81.50	251.45	-84.46	-1,180.63	-9,701.64	9,953.53	9,667.75	285.79	29.230		
9,800.00	7,239.30	7,252.30	7,252.30	84.06	251.45	-84.52	-1,180.63	-9,701.64	9,953.56	9,667.74	285.82	28.876		
9,900.00	7,239.52	7,252.52	7,252.52	86.64	251.46	-84.59	-1,180.63	-9,701.64	9,953.58	9,667.72	285.86	28.523		
10,000.00	7,239.73	7,252.73	7,252.73	89.23	251.47	-84.65	-1,180.63	-9,701.64	9,953.61	9,667.71	285.90	28.170		
10,100.00	7,239.94	7,252.94	7,252.94	91.85	251.48	-84.72	-1,180.63	-9,701.64	9,953.64	9,667.70	285.94	27.816		
10,200.00	7,240.16	7,253.16	7,253.16	94.47	251.48	-84.79	-1,180.63	-9,701.64	9,953.66	9,667.69	285.98	27.463		
10,300.00	7,240.37	7,253.37	7,253.37	97.11	251.49	-84.85	-1,180.63	-9,701.64	9,953.69	9,667.67	286.02	27.109		
10,400.00	7,240.58	7,253.58	7,253.58	99.76	251.50	-84.92	-1,180.63	-9,701.64	9,953.72	9,667.65	286.06	26.755		
10,500.00	7,240.80	7,253.80	7,253.80	102.43	251.51	-84.98	-1,180.63	-9,701.64	9,953.75	9,667.64	286.11	26.402		
10,600.00	7,241.01	7,254.01	7,254.01	105.10	251.51	-85.05	-1,180.63	-9,701.64	9,953.78	9,667.62	286.16	26.048		
10,700.00	7,241.22	7,254.22	7,254.22	107.79	251.52	-85.12	-1,180.63	-9,701.64	9,953.81	9,667.60	286.21	25.694		
10,800.00	7,241.43	7,254.43	7,254.43	110.48	251.53	-85.18	-1,180.63	-9,701.64	9,953.84	9,667.58	286.26	25.340		
10,900.00	7,241.65	7,254.65	7,254.65	113.18	251.54	-85.25	-1,180.63	-9,701.64	9,953.87	9,667.56	286.31	24.987		
11,000.00	7,241.86	7,254.86	7,254.86	115.89	251.54	-85.31	-1,180.63	-9,701.64	9,953.91	9,667.54	286.36	24.633		
11,100.00	7,242.07	7,255.07	7,255.07	118.60	251.55	-85.38	-1,180.63	-9,701.64	9,953.94	9,667.52	286.42	24.279		
11,200.00	7,242.29	7,255.29	7,255.29	121.32	251.56	-85.45	-1,180.63	-9,701.64	9,953.98	9,667.50	286.48	23.925		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - BLACK GOLD PETROLEUM #1(PR) - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
11,300.00	7,242.50	7,255.50	7,255.50	124.05	251.57	-85.51	-1,180.63	-9,701.64	6,754.01	6,467.48	286.54	23.571		
11,400.00	7,242.71	7,255.71	7,255.71	126.78	251.57	-85.58	-1,180.63	-9,701.64	6,654.05	6,367.45	286.60	23.217		
11,500.00	7,242.93	7,255.93	7,255.93	129.52	251.58	-85.65	-1,180.63	-9,701.64	6,554.09	6,267.43	286.66	22.864		
11,600.00	7,243.14	7,256.14	7,256.14	132.27	251.59	-85.71	-1,180.63	-9,701.64	6,454.13	6,167.40	286.73	22.510		
11,700.00	7,243.35	7,256.35	7,256.35	135.02	251.60	-85.78	-1,180.63	-9,701.64	6,354.17	6,067.38	286.79	22.156		
11,800.00	7,243.57	7,256.57	7,256.57	137.77	251.60	-85.84	-1,180.63	-9,701.64	6,254.21	5,967.35	286.86	21.802		
11,900.00	7,243.78	7,256.78	7,256.78	140.53	251.61	-85.91	-1,180.63	-9,701.64	6,154.26	5,867.32	286.94	21.448		
12,000.00	7,243.99	7,256.99	7,256.99	143.29	251.62	-85.98	-1,180.63	-9,701.64	6,054.30	5,767.29	287.01	21.094		
12,100.00	7,244.20	7,257.20	7,257.20	146.05	251.63	-86.04	-1,180.63	-9,701.64	5,954.35	5,667.26	287.09	20.740		
12,200.00	7,244.42	7,257.42	7,257.42	148.82	251.63	-86.11	-1,180.63	-9,701.64	5,854.40	5,567.23	287.17	20.387		
12,300.00	7,244.63	7,257.63	7,257.63	151.60	251.64	-86.18	-1,180.63	-9,701.64	5,754.45	5,467.20	287.25	20.033		
12,400.00	7,244.84	7,257.84	7,257.84	154.37	251.65	-86.24	-1,180.63	-9,701.64	5,654.50	5,367.16	287.34	19.679		
12,500.00	7,245.06	7,258.06	7,258.06	157.15	251.66	-86.31	-1,180.63	-9,701.64	5,554.55	5,267.13	287.42	19.325		
12,600.00	7,245.27	7,258.27	7,258.27	159.93	251.66	-86.37	-1,180.63	-9,701.64	5,454.61	5,167.09	287.52	18.972		
12,700.00	7,245.48	7,258.48	7,258.48	162.71	251.67	-86.44	-1,180.63	-9,701.64	5,354.67	5,067.06	287.61	18.618		
12,800.00	7,245.70	7,258.70	7,258.70	165.50	251.68	-86.51	-1,180.63	-9,701.64	5,254.73	4,967.02	287.71	18.264		
12,900.00	7,245.91	7,258.91	7,258.91	168.29	251.68	-86.57	-1,180.63	-9,701.64	5,154.79	4,866.98	287.81	17.910		
13,000.00	7,246.12	7,259.12	7,259.12	171.08	251.69	-86.64	-1,180.63	-9,701.64	5,054.85	4,766.94	287.91	17.557		
13,100.00	7,246.33	7,259.33	7,259.33	173.87	251.70	-86.71	-1,180.63	-9,701.64	4,954.92	4,666.90	288.02	17.203		
13,200.00	7,246.55	7,259.55	7,259.55	176.67	251.71	-86.77	-1,180.63	-9,701.64	4,854.99	4,566.85	288.14	16.850		
13,300.00	7,246.76	7,259.76	7,259.76	179.47	251.71	-86.84	-1,180.63	-9,701.64	4,755.06	4,466.81	288.26	16.496		
13,400.00	7,246.97	7,259.97	7,259.97	182.27	251.72	-86.91	-1,180.63	-9,701.64	4,655.14	4,366.76	288.38	16.142		
13,500.00	7,247.19	7,260.19	7,260.19	185.07	251.73	-86.97	-1,180.63	-9,701.64	4,555.22	4,266.71	288.51	15.789		
13,600.00	7,247.40	7,260.40	7,260.40	187.87	251.74	-87.04	-1,180.63	-9,701.64	4,455.30	4,166.66	288.64	15.435		
13,700.00	7,247.61	7,260.61	7,260.61	190.68	251.74	-87.10	-1,180.63	-9,701.64	4,355.39	4,066.61	288.78	15.082		
13,800.00	7,247.83	7,260.83	7,260.83	193.48	251.75	-87.17	-1,180.63	-9,701.64	4,255.48	3,966.55	288.93	14.729		
13,900.00	7,248.04	7,261.04	7,261.04	196.29	251.76	-87.24	-1,180.63	-9,701.64	4,155.58	3,866.50	289.08	14.375		
14,000.00	7,248.25	7,261.25	7,261.25	199.10	251.77	-87.30	-1,180.63	-9,701.64	4,055.68	3,766.43	289.24	14.022		
14,100.00	7,248.46	7,261.46	7,261.46	201.91	251.77	-87.37	-1,180.63	-9,701.64	3,955.78	3,666.37	289.41	13.668		
14,200.00	7,248.68	7,261.68	7,261.68	204.72	251.78	-87.44	-1,180.63	-9,701.64	3,855.89	3,566.30	289.59	13.315		
14,300.00	7,248.89	7,261.89	7,261.89	207.53	251.79	-87.50	-1,180.63	-9,701.64	3,756.01	3,466.23	289.78	12.962		
14,400.00	7,249.10	7,262.10	7,262.10	210.35	251.80	-87.57	-1,180.63	-9,701.64	3,656.13	3,366.15	289.98	12.608		
14,500.00	7,249.32	7,262.32	7,262.32	213.16	251.80	-87.64	-1,180.63	-9,701.64	3,556.26	3,266.07	290.19	12.255		
14,600.00	7,249.53	7,262.53	7,262.53	215.98	251.81	-87.70	-1,180.63	-9,701.64	3,456.40	3,165.98	290.41	11.902		
14,700.00	7,249.74	7,262.74	7,262.74	218.80	251.82	-87.77	-1,180.63	-9,701.64	3,356.54	3,065.89	290.65	11.548		
14,800.00	7,249.96	7,262.96	7,262.96	221.62	251.83	-87.84	-1,180.63	-9,701.64	3,256.69	2,965.78	290.91	11.195		
14,900.00	7,250.17	7,263.17	7,263.17	224.44	251.83	-87.90	-1,180.63	-9,701.64	3,156.86	2,865.67	291.19	10.841		
15,000.00	7,250.38	7,263.38	7,263.38	227.26	251.84	-87.97	-1,180.63	-9,701.64	3,057.03	2,765.55	291.48	10.488		
15,100.00	7,250.59	7,263.59	7,263.59	230.08	251.85	-88.04	-1,180.63	-9,701.64	2,957.22	2,665.42	291.80	10.134		
15,200.00	7,250.81	7,263.81	7,263.81	232.90	251.86	-88.10	-1,180.63	-9,701.64	2,857.42	2,565.27	292.15	9.781		
15,300.00	7,251.02	7,264.02	7,264.02	235.72	251.86	-88.17	-1,180.63	-9,701.64	2,757.63	2,465.11	292.52	9.427		
15,400.00	7,251.23	7,264.23	7,264.23	238.55	251.87	-88.23	-1,180.63	-9,701.64	2,657.86	2,364.93	292.93	9.073		
15,500.00	7,251.45	7,264.45	7,264.45	241.37	251.88	-88.30	-1,180.63	-9,701.64	2,558.11	2,264.73	293.38	8.719		
15,600.00	7,251.66	7,264.66	7,264.66	244.20	251.89	-88.37	-1,180.63	-9,701.64	2,458.38	2,164.50	293.87	8.365		
15,700.00	7,251.87	7,264.87	7,264.87	247.03	251.89	-88.43	-1,180.63	-9,701.64	2,358.67	2,064.25	294.42	8.011		
15,800.00	7,252.09	7,265.09	7,265.09	249.85	251.90	-88.50	-1,180.63	-9,701.64	2,258.98	1,963.96	295.02	7.657		
15,900.00	7,252.30	7,265.30	7,265.30	252.68	251.91	-88.57	-1,180.63	-9,701.64	2,159.33	1,863.63	295.70	7.303		
16,000.00	7,252.51	7,265.51	7,265.51	255.51	251.92	-88.63	-1,180.63	-9,701.64	2,059.71	1,763.25	296.45	6.948		
16,100.00	7,252.72	7,265.72	7,265.72	258.34	251.92	-88.70	-1,180.63	-9,701.64	1,960.12	1,662.81	297.31	6.593		
16,200.00	7,252.94	7,265.94	7,265.94	261.17	251.93	-88.77	-1,180.63	-9,701.64	1,860.58	1,562.30	298.28	6.238		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - BLACK GOLD PETROLEUM #1(PR) - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
16,300.00	7,253.15	7,266.15	7,266.15	264.00	251.94	-88.83	-1,180.63	-9,701.64	1,761.10	1,461.71	299.39	5.882		
16,400.00	7,253.36	7,266.36	7,266.36	266.83	251.95	-88.90	-1,180.63	-9,701.64	1,661.67	1,361.01	300.67	5.527		
16,500.00	7,253.58	7,266.58	7,266.58	269.66	251.95	-88.97	-1,180.63	-9,701.64	1,562.32	1,260.17	302.15	5.171		
16,600.00	7,253.79	7,266.79	7,266.79	272.50	251.96	-89.03	-1,180.63	-9,701.64	1,463.06	1,159.17	303.89	4.814		
16,700.00	7,254.00	7,267.00	7,267.00	275.33	251.97	-89.10	-1,180.63	-9,701.64	1,363.91	1,057.97	305.94	4.458		
16,800.00	7,254.22	7,267.22	7,267.22	278.16	251.97	-89.17	-1,180.63	-9,701.64	1,264.89	956.50	308.38	4.102		
16,900.00	7,254.43	7,267.43	7,267.43	281.00	251.98	-89.23	-1,180.63	-9,701.64	1,166.03	854.70	311.33	3.745		
17,000.00	7,254.64	7,267.64	7,267.64	283.83	251.99	-89.30	-1,180.63	-9,701.64	1,067.39	752.46	314.93	3.389		
17,100.00	7,254.85	7,267.85	7,267.85	286.67	252.00	-89.37	-1,180.63	-9,701.64	969.03	649.64	319.38	3.034		
17,200.00	7,255.07	7,268.07	7,268.07	289.50	252.00	-89.43	-1,180.63	-9,701.64	871.04	546.04	325.00	2.680		
17,300.00	7,255.28	7,268.28	7,268.28	292.34	252.01	-89.50	-1,180.63	-9,701.64	773.56	441.36	332.20	2.329		
17,400.00	7,255.49	7,268.49	7,268.49	295.17	252.02	-89.57	-1,180.63	-9,701.64	676.82	335.16	341.66	1.981		
17,500.00	7,255.71	7,268.71	7,268.71	298.01	252.03	-89.63	-1,180.63	-9,701.64	581.19	226.75	354.44	1.640		
17,600.00	7,255.92	7,268.92	7,268.92	300.85	252.03	-89.70	-1,180.63	-9,701.64	487.31	115.05	372.27	1.309	Level 3	
17,700.00	7,256.13	7,269.13	7,269.13	303.68	252.04	-89.77	-1,180.63	-9,701.64	396.44	-1.64	398.08	0.996	Level 1	
17,800.00	7,256.35	7,269.35	7,269.35	306.52	252.05	-89.83	-1,180.63	-9,701.64	311.22	-125.43	436.65	0.713	Level 1	
17,900.00	7,256.56	7,269.56	7,269.56	309.36	252.06	-89.90	-1,180.63	-9,701.64	237.80	-255.05	492.86	0.482	Level 1	
18,000.00	7,256.77	7,269.77	7,269.77	312.20	252.06	-89.97	-1,180.63	-9,701.64	190.37	-362.88	553.25	0.344	Level 1	
18,051.54	7,256.88	7,269.88	7,269.88	313.66	252.07	-90.00	-1,180.63	-9,701.64	183.26	-382.46	565.72	0.324	Level 1, CC, ES, SF	
18,100.00	7,256.98	7,269.98	7,269.98	315.04	252.07	-90.03	-1,180.63	-9,701.64	189.56	-366.80	556.36	0.341	Level 1	
18,200.00	7,257.20	7,270.20	7,270.20	317.88	252.08	-90.10	-1,180.63	-9,701.64	235.85	-263.37	499.22	0.472	Level 1	
18,300.00	7,257.41	7,270.41	7,270.41	320.72	252.09	-90.17	-1,180.63	-9,701.64	308.73	-134.97	443.70	0.696	Level 1	
18,400.00	7,257.62	7,270.62	7,270.62	323.56	252.09	-90.23	-1,180.63	-9,701.64	393.71	-11.50	405.21	0.972	Level 1	
18,500.00	7,257.84	7,270.84	7,270.84	326.40	252.10	-90.30	-1,180.63	-9,701.64	484.46	105.10	379.36	1.277	Level 3	
18,600.00	7,258.05	7,271.05	7,271.05	329.24	252.11	-90.37	-1,180.63	-9,701.64	578.27	216.78	361.49	1.600		
18,700.00	7,258.26	7,271.26	7,271.26	332.08	252.12	-90.43	-1,180.63	-9,701.64	673.86	325.18	348.68	1.933		
18,800.00	7,258.48	7,271.48	7,271.48	334.92	252.12	-90.50	-1,180.63	-9,701.64	770.57	431.37	339.19	2.272		
18,900.00	7,258.69	7,271.69	7,271.69	337.76	252.13	-90.57	-1,180.63	-9,701.64	868.02	536.05	331.97	2.615		
19,000.00	7,258.90	7,271.90	7,271.90	340.60	252.14	-90.63	-1,180.63	-9,701.64	966.00	639.64	326.36	2.960		
19,046.19	7,259.00	7,272.00	7,272.00	341.92	252.14	-90.66	-1,180.63	-9,701.64	1,011.39	687.21	324.18	3.120		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	23.88	23.88	3.28	3.28	-89.20	134.89	-9,701.13	9,702.06					
100.00	100.00	115.63	115.63	3.28	3.29	-89.20	135.07	-9,701.18	9,702.13	9,695.55	6.58	1,475.224		
200.00	200.00	206.89	206.89	3.34	3.35	-89.20	135.45	-9,701.32	9,702.28	9,695.60	6.69	1,451.318		
300.00	300.00	298.76	298.76	3.44	3.45	-89.20	135.85	-9,701.53	9,702.52	9,695.63	6.89	1,407.485		
400.00	399.98	418.41	418.40	3.60	3.64	145.79	136.08	-9,701.73	9,704.13	9,696.90	7.24	1,340.963		
500.00	499.84	521.87	521.87	3.79	3.85	145.76	135.99	-9,701.78	9,708.51	9,700.86	7.64	1,270.278		
600.00	599.45	617.11	617.10	4.03	4.08	145.71	135.87	-9,701.86	9,715.80	9,707.69	8.11	1,198.498		
700.00	698.70	738.66	738.65	4.30	4.41	145.64	135.95	-9,701.83	9,725.87	9,717.16	8.71	1,117.016		
800.00	797.47	851.55	851.55	4.61	4.74	145.55	135.93	-9,701.56	9,738.58	9,729.23	9.35	1,041.931		
900.00	895.62	932.14	932.13	4.95	5.00	145.43	135.71	-9,701.35	9,754.15	9,744.22	9.93	981.838		
1,000.00	993.06	1,000.00	1,000.00	5.33	5.22	145.26	135.50	-9,701.42	9,772.88	9,762.37	10.52	929.241		
1,100.00	1,090.08	1,100.00	1,103.48	5.74	5.56	145.34	135.09	-9,701.56	9,793.09	9,781.86	11.24	871.651		
1,200.00	1,187.11	1,169.54	1,169.53	6.17	5.80	145.40	134.72	-9,701.71	9,813.42	9,801.55	11.87	826.752		
1,300.00	1,284.14	1,273.74	1,273.73	6.61	6.17	145.48	134.07	-9,702.27	9,834.05	9,821.40	12.65	777.373		
1,400.00	1,381.17	1,361.13	1,361.12	7.07	6.49	145.54	133.52	-9,702.59	9,854.54	9,841.15	13.39	736.001		
1,500.00	1,478.20	1,437.45	1,437.44	7.55	6.78	145.60	133.19	-9,703.04	9,875.26	9,861.16	14.10	700.306		
1,600.00	1,575.23	1,520.02	1,520.00	8.03	7.09	145.67	132.73	-9,703.68	9,896.17	9,881.32	14.85	666.443		
1,700.00	1,672.26	1,615.17	1,615.14	8.52	7.45	145.74	132.30	-9,704.49	9,917.17	9,901.51	15.66	633.398		
1,800.00	1,769.29	1,718.69	1,718.67	9.01	7.85	145.82	131.97	-9,705.33	9,938.15	9,921.65	16.51	601.998		
1,900.00	1,866.32	1,813.50	1,813.47	9.51	8.22	145.90	131.86	-9,706.05	9,959.11	9,941.77	17.33	574.527		
2,000.00	1,963.35	1,880.24	1,880.20	10.02	8.49	145.95	131.89	-9,706.68	9,980.27	9,962.21	18.05	552.827		
8,200.00	7,235.90	7,213.91	7,213.54	47.52	30.84	86.57	159.52	-9,740.40	9,951.08	9,886.73	64.35	154.639		
8,300.00	7,236.11	7,214.54	7,214.18	49.34	30.84	86.60	159.52	-9,740.40	9,851.77	9,787.39	64.38	153.032		
8,400.00	7,236.32	7,215.18	7,214.81	51.25	30.84	86.63	159.53	-9,740.40	9,752.47	9,688.06	64.41	151.413		
8,500.00	7,236.54	7,215.82	7,215.45	53.26	30.85	86.66	159.53	-9,740.40	9,653.19	9,588.74	64.45	149.782		
8,600.00	7,236.75	7,216.46	7,216.09	55.34	30.85	86.69	159.54	-9,740.41	9,553.92	9,489.42	64.49	148.139		
8,700.00	7,236.96	7,217.09	7,216.73	57.50	30.85	86.72	159.54	-9,740.41	9,454.66	9,390.12	64.54	146.484		
8,800.00	7,237.17	7,217.73	7,217.36	59.71	30.85	86.76	159.54	-9,740.41	9,355.42	9,290.82	64.60	144.816		
8,900.00	7,237.39	7,218.37	7,218.00	61.98	30.86	86.79	159.55	-9,740.42	9,256.20	9,191.54	64.67	143.135		
9,000.00	7,237.60	7,219.01	7,218.64	64.29	30.86	86.82	159.55	-9,740.42	9,157.00	9,092.26	64.74	141.442		
9,100.00	7,237.81	7,219.64	7,219.27	66.65	30.86	86.85	159.55	-9,740.42	9,057.81	8,992.99	64.82	139.735		
9,200.00	7,238.03	7,220.28	7,219.91	69.05	30.86	86.88	159.56	-9,740.42	8,958.64	8,893.73	64.91	138.016		
9,300.00	7,238.24	7,220.92	7,220.55	71.48	30.87	86.91	159.56	-9,740.43	8,859.49	8,794.48	65.01	136.284		
9,400.00	7,238.45	7,221.55	7,221.19	73.95	30.87	86.94	159.56	-9,740.43	8,760.36	8,695.25	65.11	134.538		
9,500.00	7,238.67	7,222.19	7,221.82	76.44	30.87	86.98	159.57	-9,740.43	8,661.25	8,596.02	65.23	132.780		
9,600.00	7,238.88	7,222.83	7,222.46	78.96	30.88	87.01	159.57	-9,740.43	8,562.16	8,496.80	65.36	131.008		
9,700.00	7,239.09	7,223.47	7,223.10	81.50	30.88	87.04	159.57	-9,740.44	8,463.09	8,397.60	65.49	129.223		
9,800.00	7,239.30	7,224.10	7,223.74	84.06	30.88	87.07	159.58	-9,740.44	8,364.04	8,298.40	65.64	127.425		
9,900.00	7,239.52	7,224.74	7,224.37	86.64	30.88	87.10	159.58	-9,740.44	8,265.02	8,199.22	65.80	125.614		
10,000.00	7,239.73	7,225.38	7,225.01	89.23	30.89	87.13	159.58	-9,740.45	8,166.02	8,100.05	65.97	123.789		
10,100.00	7,239.94	7,226.02	7,225.65	91.85	30.89	87.17	159.59	-9,740.45	8,067.04	8,000.89	66.15	121.952		
10,200.00	7,240.16	7,226.65	7,226.29	94.47	30.89	87.20	159.59	-9,740.45	7,968.09	7,901.75	66.34	120.101		
10,300.00	7,240.37	7,227.29	7,226.92	97.11	30.89	87.23	159.60	-9,740.45	7,869.17	7,802.61	66.55	118.238		
10,400.00	7,240.58	7,227.93	7,227.56	99.76	30.90	87.26	159.60	-9,740.46	7,770.27	7,703.49	66.78	116.362		
10,500.00	7,240.80	7,228.57	7,228.20	102.43	30.90	87.29	159.60	-9,740.46	7,671.40	7,604.39	67.01	114.474		
10,600.00	7,241.01	7,229.20	7,228.84	105.10	30.90	87.32	159.61	-9,740.46	7,572.56	7,505.30	67.27	112.574		
10,700.00	7,241.22	7,229.84	7,229.47	107.79	30.91	87.35	159.61	-9,740.46	7,473.76	7,406.22	67.54	110.661		
10,800.00	7,241.43	7,230.48	7,230.11	110.48	30.91	87.39	159.61	-9,740.47	7,374.98	7,307.16	67.82	108.737		
10,900.00	7,241.65	7,231.12	7,230.75	113.18	30.91	87.42	159.62	-9,740.47	7,276.24	7,208.11	68.13	106.802		
11,000.00	7,241.86	7,231.75	7,231.38	115.89	30.91	87.45	159.62	-9,740.47	7,177.53	7,109.08	68.45	104.855		
11,100.00	7,242.07	7,232.39	7,232.02	118.60	30.92	87.48	159.62	-9,740.48	7,078.86	7,010.07	68.79	102.899		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
11,200.00	7,242.29	7,233.03	7,232.66	121.32	30.92	87.51	159.63	-9,740.48	6,980.23	6,911.07	69.16	100.932		
11,300.00	7,242.50	7,233.66	7,233.30	124.05	30.92	87.54	159.63	-9,740.48	6,881.64	6,812.09	69.54	98.956		
11,400.00	7,242.71	7,234.30	7,233.93	126.78	30.92	87.57	159.63	-9,740.48	6,783.08	6,713.13	69.95	96.971		
11,500.00	7,242.93	7,234.94	7,234.57	129.52	30.93	87.61	159.64	-9,740.49	6,684.57	6,614.19	70.38	94.978		
11,600.00	7,243.14	7,235.58	7,235.21	132.27	30.93	87.64	159.64	-9,740.49	6,586.11	6,515.27	70.84	92.977		
11,700.00	7,243.35	7,236.21	7,235.85	135.02	30.93	87.67	159.64	-9,740.49	6,487.69	6,416.37	71.32	90.970		
11,800.00	7,243.57	7,236.85	7,236.48	137.77	30.94	87.70	159.65	-9,740.49	6,389.32	6,317.50	71.83	88.956		
11,900.00	7,243.78	7,237.49	7,237.12	140.53	30.94	87.73	159.65	-9,740.50	6,291.00	6,218.64	72.36	86.937		
12,000.00	7,243.99	7,238.13	7,237.76	143.29	30.94	87.76	159.66	-9,740.50	6,192.74	6,119.81	72.93	84.914		
12,100.00	7,244.20	7,238.76	7,238.40	146.05	30.94	87.80	159.66	-9,740.50	6,094.53	6,021.01	73.53	82.888		
12,200.00	7,244.42	7,239.40	7,239.03	148.82	30.95	87.83	159.66	-9,740.51	5,996.39	5,922.23	74.16	80.859		
12,300.00	7,244.63	7,240.04	7,239.67	151.60	30.95	87.86	159.67	-9,740.51	5,898.30	5,823.48	74.82	78.829		
12,400.00	7,244.84	7,240.68	7,240.31	154.37	30.95	87.89	159.67	-9,740.51	5,800.28	5,724.75	75.53	76.799		
12,500.00	7,245.06	7,241.31	7,240.95	157.15	30.95	87.92	159.67	-9,740.51	5,702.33	5,626.06	76.27	74.769		
12,600.00	7,245.27	7,241.95	7,241.58	159.93	30.96	87.95	159.68	-9,740.52	5,604.45	5,527.40	77.05	72.742		
12,700.00	7,245.48	7,242.59	7,242.22	162.71	30.96	87.98	159.68	-9,740.52	5,506.64	5,428.78	77.87	70.718		
12,800.00	7,245.70	7,243.23	7,242.86	165.50	30.96	88.02	159.68	-9,740.52	5,408.92	5,330.19	78.73	68.699		
12,900.00	7,245.91	7,243.86	7,243.49	168.29	30.97	88.05	159.69	-9,740.52	5,311.28	5,231.64	79.65	66.686		
13,000.00	7,246.12	7,244.50	7,244.13	171.08	30.97	88.08	159.69	-9,740.53	5,213.73	5,133.12	80.61	64.680		
13,100.00	7,246.33	7,245.14	7,244.77	173.87	30.97	88.11	159.69	-9,740.53	5,116.28	5,034.66	81.62	62.682		
13,200.00	7,246.55	7,245.77	7,245.41	176.67	30.97	88.14	159.70	-9,740.53	5,018.92	4,936.23	82.69	60.695		
13,300.00	7,246.76	7,246.41	7,246.04	179.47	30.98	88.17	159.70	-9,740.54	4,921.68	4,837.86	83.82	58.719		
13,400.00	7,246.97	7,247.05	7,246.68	182.27	30.98	88.20	159.70	-9,740.54	4,824.54	4,739.54	85.00	56.757		
13,500.00	7,247.19	7,247.69	7,247.32	185.07	30.98	88.24	159.71	-9,740.54	4,727.52	4,641.27	86.26	54.808		
13,600.00	7,247.40	7,248.32	7,247.96	187.87	30.98	88.27	159.71	-9,740.54	4,630.63	4,543.06	87.58	52.876		
13,700.00	7,247.61	7,248.96	7,248.59	190.68	30.99	88.30	159.71	-9,740.55	4,533.88	4,444.91	88.97	50.961		
13,800.00	7,247.83	7,249.60	7,249.23	193.48	30.99	88.33	159.72	-9,740.55	4,437.27	4,346.83	90.44	49.066		
13,900.00	7,248.04	7,250.24	7,249.87	196.29	30.99	88.36	159.72	-9,740.55	4,340.81	4,248.82	91.98	47.191		
14,000.00	7,248.25	7,250.87	7,250.51	199.10	31.00	88.39	159.73	-9,740.55	4,244.52	4,150.89	93.62	45.338		
14,100.00	7,248.46	7,251.51	7,251.14	201.91	31.00	88.43	159.73	-9,740.56	4,148.40	4,053.05	95.35	43.508		
14,200.00	7,248.68	7,252.15	7,251.78	204.72	31.00	88.46	159.73	-9,740.56	4,052.47	3,955.29	97.17	41.704		
14,300.00	7,248.89	7,252.79	7,252.42	207.53	31.00	88.49	159.74	-9,740.56	3,956.74	3,857.64	99.10	39.926		
14,400.00	7,249.10	7,253.42	7,253.06	210.35	31.01	88.52	159.74	-9,740.57	3,861.22	3,760.08	101.14	38.177		
14,500.00	7,249.32	7,254.06	7,253.69	213.16	31.01	88.55	159.74	-9,740.57	3,765.94	3,662.64	103.30	36.457		
14,600.00	7,249.53	7,254.70	7,254.33	215.98	31.01	88.58	159.75	-9,740.57	3,670.91	3,565.33	105.58	34.768		
14,700.00	7,249.74	7,255.34	7,254.97	218.80	31.01	88.61	159.75	-9,740.57	3,576.16	3,468.15	108.00	33.112		
14,800.00	7,249.96	7,255.97	7,255.60	221.62	31.02	88.65	159.75	-9,740.58	3,481.69	3,371.12	110.57	31.489		
14,900.00	7,250.17	7,256.61	7,256.24	224.44	31.02	88.68	159.76	-9,740.58	3,387.54	3,274.25	113.29	29.902		
15,000.00	7,250.38	7,257.25	7,256.88	227.26	31.02	88.71	159.76	-9,740.58	3,293.74	3,177.56	116.18	28.351		
15,100.00	7,250.59	7,257.89	7,257.52	230.08	31.03	88.74	159.76	-9,740.58	3,200.31	3,081.07	119.25	26.838		
15,200.00	7,250.81	7,258.52	7,258.15	232.90	31.03	88.77	159.77	-9,740.59	3,107.29	2,984.79	122.51	25.364		
15,300.00	7,251.02	7,259.16	7,258.79	235.72	31.03	88.80	159.77	-9,740.59	3,014.72	2,888.74	125.98	23.930		
15,400.00	7,251.23	7,259.80	7,259.43	238.55	31.03	88.84	159.77	-9,740.59	2,922.64	2,792.97	129.67	22.538		
15,500.00	7,251.45	7,260.43	7,260.07	241.37	31.04	88.87	159.78	-9,740.60	2,831.09	2,697.48	133.61	21.189		
15,600.00	7,251.66	7,261.07	7,260.70	244.20	31.04	88.90	159.78	-9,740.60	2,740.14	2,602.32	137.82	19.883		
15,700.00	7,251.87	7,261.71	7,261.34	247.03	31.04	88.93	159.79	-9,740.60	2,649.84	2,507.54	142.30	18.621		
15,800.00	7,252.09	7,262.35	7,261.98	249.85	31.04	88.96	159.79	-9,740.60	2,560.26	2,413.16	147.10	17.405		
15,900.00	7,252.30	7,262.98	7,262.62	252.68	31.05	88.99	159.79	-9,740.61	2,471.47	2,319.25	152.22	16.236		
16,000.00	7,252.51	7,263.62	7,263.25	255.51	31.05	89.02	159.80	-9,740.61	2,383.58	2,225.87	157.71	15.114		
16,100.00	7,252.72	7,264.26	7,263.89	258.34	31.05	89.06	159.80	-9,740.61	2,296.68	2,133.10	163.58	14.040		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
16,200.00	7,252.94	7,264.90	7,264.53	261.17	31.06	89.09	159.80	-9,740.61	2,210.88	2,041.01	169.87	13.015		
16,300.00	7,253.15	7,265.53	7,265.16	264.00	31.06	89.12	159.81	-9,740.62	2,126.33	1,949.71	176.61	12.040		
16,400.00	7,253.36	7,266.17	7,265.80	266.83	31.06	89.15	159.81	-9,740.62	2,043.17	1,859.33	183.83	11.114		
16,500.00	7,253.58	7,266.81	7,266.44	269.66	31.06	89.18	159.81	-9,740.62	1,961.58	1,770.02	191.56	10.240		
16,600.00	7,253.79	7,267.45	7,267.08	272.50	31.07	89.21	159.82	-9,740.63	1,881.77	1,681.94	199.83	9.417		
16,700.00	7,254.00	7,268.08	7,267.71	275.33	31.07	89.25	159.82	-9,740.63	1,803.97	1,595.31	208.67	8.645		
16,800.00	7,254.22	7,268.72	7,268.35	278.16	31.07	89.28	159.82	-9,740.63	1,728.46	1,510.39	218.08	7.926		
16,900.00	7,254.43	7,269.36	7,268.99	281.00	31.07	89.31	159.83	-9,740.63	1,655.55	1,427.48	228.07	7.259		
17,000.00	7,254.64	7,270.00	7,269.63	283.83	31.08	89.34	159.83	-9,740.64	1,585.59	1,346.97	238.62	6.645		
17,100.00	7,254.85	7,270.63	7,270.26	286.67	31.08	89.37	159.83	-9,740.64	1,519.00	1,269.30	249.70	6.083		
17,200.00	7,255.07	7,271.27	7,270.90	289.50	31.08	89.40	159.84	-9,740.64	1,456.24	1,195.02	261.22	5.575		
17,300.00	7,255.28	7,271.91	7,271.54	292.34	31.08	89.44	159.84	-9,740.64	1,397.81	1,124.76	273.05	5.119		
17,400.00	7,255.49	7,272.54	7,272.18	295.17	31.09	89.47	159.85	-9,740.65	1,344.30	1,059.28	285.02	4.716		
17,500.00	7,255.71	7,273.18	7,272.81	298.01	31.09	89.50	159.85	-9,740.65	1,296.30	999.42	296.88	4.366		
17,600.00	7,255.92	7,273.82	7,273.45	300.85	31.09	89.53	159.85	-9,740.65	1,254.45	946.13	308.33	4.069		
17,700.00	7,256.13	7,274.46	7,274.09	303.68	31.10	89.56	159.86	-9,740.66	1,219.39	900.40	318.99	3.823		
17,800.00	7,256.35	7,275.09	7,274.73	306.52	31.10	89.59	159.86	-9,740.66	1,191.71	863.24	328.47	3.628		
17,900.00	7,256.56	7,275.73	7,275.36	309.36	31.10	89.62	159.86	-9,740.66	1,171.93	835.58	336.36	3.484		
18,000.00	7,256.77	7,276.37	7,276.00	312.20	31.10	89.66	159.87	-9,740.66	1,160.46	818.15	342.31	3.390		
18,083.74	7,256.95	7,276.90	7,276.53	314.58	31.11	89.68	159.87	-9,740.67	1,157.44	811.82	345.62	3.349 CC		
18,100.00	7,256.98	7,277.01	7,276.64	315.04	31.11	89.69	159.87	-9,740.67	1,157.55	811.48	346.07	3.345 ES, SF		
18,200.00	7,257.20	7,277.64	7,277.27	317.88	31.11	89.72	159.87	-9,740.67	1,163.26	815.74	347.53	3.347		
18,300.00	7,257.41	7,278.28	7,277.91	320.72	31.11	89.75	159.88	-9,740.67	1,177.47	830.76	346.71	3.396		
18,400.00	7,257.62	7,278.92	7,278.55	323.56	31.11	89.78	159.88	-9,740.67	1,199.87	856.07	343.80	3.490		
18,500.00	7,257.84	7,279.56	7,279.19	326.40	31.12	89.81	159.88	-9,740.68	1,230.01	890.94	339.07	3.628		
18,600.00	7,258.05	7,280.19	7,279.82	329.24	31.12	89.85	159.89	-9,740.68	1,267.35	934.47	332.88	3.807		
18,700.00	7,258.26	7,280.83	7,280.46	332.08	31.12	89.88	159.89	-9,740.68	1,311.27	985.68	325.59	4.027		
18,800.00	7,258.48	7,281.47	7,281.10	334.92	31.13	89.91	159.89	-9,740.69	1,361.13	1,043.58	317.54	4.286		
18,900.00	7,258.69	7,282.11	7,281.74	337.76	31.13	89.94	159.90	-9,740.69	1,416.30	1,107.26	309.05	4.583		
19,000.00	7,258.90	7,282.74	7,282.37	340.60	31.13	89.97	159.90	-9,740.69	1,476.20	1,175.85	300.35	4.915		
19,046.19	7,259.00	7,283.04	7,282.67	341.92	31.13	89.99	159.90	-9,740.69	1,505.30	1,208.98	296.32	5.080		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - BLACKGOLD #3(PA) - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
0.00	0.00	14.00	14.00	3.28	3.29	-97.87	-1,181.06	-8,543.03	8,624.28						
100.00	100.00	114.00	114.00	3.28	3.97	-97.87	-1,181.06	-8,543.03	8,624.28	8,617.03	7.25	1,189.007			
200.00	200.00	214.00	214.00	3.34	6.60	-97.87	-1,181.06	-8,543.03	8,624.28	8,614.35	9.94	868.047			
300.00	300.00	314.00	314.00	3.44	9.78	-97.87	-1,181.06	-8,543.03	8,624.28	8,611.06	13.23	652.000			
400.00	399.98	413.98	413.98	3.60	13.12	137.12	-1,181.06	-8,543.03	8,625.56	8,608.84	16.72	515.871			
500.00	499.84	513.84	513.84	3.79	16.52	137.09	-1,181.06	-8,543.03	8,629.40	8,609.09	20.31	424.836			
600.00	599.45	613.45	613.45	4.03	19.94	137.04	-1,181.06	-8,543.03	8,635.79	8,611.82	23.97	360.304			
700.00	698.70	712.70	712.70	4.30	23.37	136.98	-1,181.06	-8,543.03	8,644.74	8,617.07	27.67	312.476			
800.00	797.47	811.47	811.47	4.61	26.78	136.89	-1,181.06	-8,543.03	8,656.23	8,624.84	31.39	275.771			
900.00	895.62	909.62	909.62	4.95	30.19	136.78	-1,181.06	-8,543.03	8,670.27	8,635.14	35.13	246.810			
1,000.00	993.06	1,007.06	1,007.06	5.33	33.57	136.65	-1,181.06	-8,543.03	8,686.84	8,647.96	38.88	223.441			
1,100.00	1,090.08	1,104.08	1,104.08	5.74	36.94	136.76	-1,181.06	-8,543.03	8,704.70	8,662.06	42.64	204.162			
1,200.00	1,187.11	1,201.11	1,201.11	6.17	40.32	136.86	-1,181.06	-8,543.03	8,722.58	8,676.17	46.41	187.934			
1,300.00	1,284.14	1,301.86	1,298.14	6.61	43.83	136.97	-1,181.06	-8,543.03	8,740.50	8,690.16	50.34	173.643			
1,400.00	1,381.17	1,404.83	1,395.17	7.07	47.41	137.08	-1,181.06	-8,543.03	8,758.44	8,704.09	54.35	161.146			
1,500.00	1,478.20	1,507.80	1,492.20	7.55	51.00	137.18	-1,181.06	-8,543.03	8,776.42	8,718.04	58.38	150.339			
1,600.00	1,575.23	1,589.23	1,589.23	8.03	53.83	137.29	-1,181.06	-8,543.03	8,794.42	8,732.76	61.66	142.621			
1,700.00	1,672.26	1,686.26	1,686.26	8.52	57.22	137.39	-1,181.06	-8,543.03	8,812.46	8,746.96	65.50	134.542			
1,800.00	1,769.29	1,783.29	1,783.29	9.01	60.60	137.50	-1,181.06	-8,543.03	8,830.52	8,761.18	69.34	127.346			
1,900.00	1,866.32	1,880.32	1,880.32	9.51	63.98	137.60	-1,181.06	-8,543.03	8,848.62	8,775.43	73.19	120.897			
2,000.00	1,963.35	1,977.35	1,977.35	10.02	67.36	137.71	-1,181.06	-8,543.03	8,866.74	8,789.70	77.05	115.085			
2,100.00	2,060.38	2,074.38	2,074.38	10.53	70.75	137.81	-1,181.06	-8,543.03	8,884.89	8,803.99	80.90	109.822			
2,200.00	2,157.41	2,171.41	2,171.41	11.04	74.13	137.91	-1,181.06	-8,543.03	8,903.07	8,818.31	84.76	105.034			
2,300.00	2,254.44	2,268.44	2,268.44	11.56	77.52	138.02	-1,181.06	-8,543.03	8,921.28	8,832.66	88.63	100.661			
2,400.00	2,351.47	2,365.47	2,365.47	12.07	80.90	138.12	-1,181.06	-8,543.03	8,939.52	8,847.03	92.49	96.650			
2,500.00	2,448.50	2,462.50	2,462.50	12.59	84.28	138.22	-1,181.06	-8,543.03	8,957.79	8,861.42	96.36	92.960			
2,600.00	2,545.53	2,559.53	2,559.53	13.12	87.67	138.32	-1,181.06	-8,543.03	8,976.08	8,875.85	100.23	89.552			
2,700.00	2,642.56	2,656.56	2,656.56	13.64	91.05	138.42	-1,181.06	-8,543.03	8,994.40	8,890.30	104.10	86.397			
2,800.00	2,739.59	2,753.59	2,753.59	14.17	94.44	138.53	-1,181.06	-8,543.03	9,012.75	8,904.77	107.98	83.468			
2,900.00	2,836.62	2,850.62	2,850.62	14.69	97.82	138.63	-1,181.06	-8,543.03	9,031.13	8,919.27	111.85	80.741			
3,000.00	2,933.65	2,947.65	2,947.65	15.22	101.21	138.73	-1,181.06	-8,543.03	9,049.53	8,933.80	115.73	78.195			
3,100.00	3,030.68	3,044.68	3,044.68	15.75	104.60	138.83	-1,181.06	-8,543.03	9,067.96	8,948.36	119.61	75.815			
3,200.00	3,127.71	3,141.71	3,141.71	16.28	107.98	138.92	-1,181.06	-8,543.03	9,086.42	8,962.94	123.48	73.583			
3,300.00	3,224.74	3,238.74	3,238.74	16.82	111.37	139.02	-1,181.06	-8,543.03	9,104.91	8,977.54	127.36	71.487			
3,400.00	3,321.76	3,335.76	3,335.76	17.35	114.75	139.12	-1,181.06	-8,543.03	9,123.42	8,992.18	131.24	69.515			
3,500.00	3,418.79	3,432.79	3,432.79	17.88	118.14	139.22	-1,181.06	-8,543.03	9,141.96	9,006.84	135.12	67.656			
3,600.00	3,515.82	3,529.82	3,529.82	18.42	121.53	139.32	-1,181.06	-8,543.03	9,160.52	9,021.52	139.00	65.901			
3,700.00	3,612.85	3,626.85	3,626.85	18.95	124.91	139.41	-1,181.06	-8,543.03	9,179.11	9,036.23	142.89	64.241			
3,800.00	3,709.88	3,723.88	3,723.88	19.49	128.30	139.51	-1,181.06	-8,543.03	9,197.73	9,050.97	146.77	62.669			
3,900.00	3,806.91	3,820.91	3,820.91	20.02	131.68	139.61	-1,181.06	-8,543.03	9,216.38	9,065.73	150.65	61.178			
4,000.00	3,903.94	3,917.94	3,917.94	20.56	135.07	139.70	-1,181.06	-8,543.03	9,235.04	9,080.51	154.53	59.762			
4,100.00	4,000.97	4,014.97	4,014.97	21.09	138.46	139.80	-1,181.06	-8,543.03	9,253.74	9,095.32	158.41	58.415			
4,200.00	4,098.00	4,112.00	4,112.00	21.63	141.84	139.89	-1,181.06	-8,543.03	9,272.46	9,110.16	162.30	57.133			
4,300.00	4,195.03	4,209.03	4,209.03	22.17	145.23	139.99	-1,181.06	-8,543.03	9,291.20	9,125.02	166.18	55.911			
4,400.00	4,292.06	4,306.06	4,306.06	22.71	148.62	140.08	-1,181.06	-8,543.03	9,309.97	9,139.91	170.06	54.744			
4,500.00	4,389.09	4,403.09	4,403.09	23.25	152.00	140.18	-1,181.06	-8,543.03	9,328.77	9,154.82	173.95	53.630			
4,600.00	4,486.12	4,500.12	4,500.12	23.78	155.39	140.27	-1,181.06	-8,543.03	9,347.59	9,169.76	177.83	52.565			
4,700.00	4,583.15	4,602.85	4,597.15	24.32	158.97	140.37	-1,181.06	-8,543.03	9,366.43	9,184.52	181.91	51.489			
4,800.00	4,680.18	4,705.82	4,694.18	24.86	162.57	140.46	-1,181.06	-8,543.03	9,385.30	9,199.30	186.00	50.457			
4,900.00	4,777.21	4,808.79	4,791.21	25.40	166.16	140.55	-1,181.06	-8,543.03	9,404.20	9,214.10	190.10	49.471			
5,000.00	4,874.24	4,888.24	4,888.24	25.94	168.94	140.64	-1,181.06	-8,543.03	9,423.11	9,229.75	193.37	48.732			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - BLACKGOLD #3(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
5,100.00	4,971.27	4,985.27	4,985.27	26.48	172.32	140.74	-1,181.06	-8,543.03	9,442.06	9,244.81	197.25	47.868		
5,200.00	5,068.30	5,082.30	5,082.30	27.02	175.71	140.83	-1,181.06	-8,543.03	9,461.02	9,259.89	201.13	47.038		
5,300.00	5,165.33	5,179.33	5,179.33	27.56	179.10	140.92	-1,181.06	-8,543.03	9,480.01	9,274.99	205.02	46.240		
5,400.00	5,262.36	5,276.36	5,276.36	28.10	182.48	141.01	-1,181.06	-8,543.03	9,499.02	9,290.12	208.90	45.471		
5,500.00	5,359.39	5,373.39	5,373.39	28.64	185.87	141.10	-1,181.06	-8,543.03	9,518.06	9,305.28	212.79	44.731		
5,600.00	5,456.42	5,470.42	5,470.42	29.18	189.26	141.19	-1,181.06	-8,543.03	9,537.12	9,320.45	216.67	44.017		
5,700.00	5,553.45	5,567.45	5,567.45	29.72	192.64	141.28	-1,181.06	-8,543.03	9,556.21	9,335.65	220.56	43.328		
5,800.00	5,650.47	5,664.47	5,664.47	30.27	196.03	141.37	-1,181.06	-8,543.03	9,575.31	9,350.87	224.44	42.663		
5,900.00	5,747.50	5,761.50	5,761.50	30.81	199.42	141.46	-1,181.06	-8,543.03	9,594.44	9,366.12	228.32	42.021		
6,000.00	5,844.53	5,858.53	5,858.53	31.35	202.80	141.55	-1,181.06	-8,543.03	9,613.59	9,381.39	232.21	41.401		
6,100.00	5,941.56	5,955.56	5,955.56	31.89	206.19	141.64	-1,181.06	-8,543.03	9,632.77	9,396.68	236.09	40.801		
6,200.00	6,038.59	6,052.59	6,052.59	32.43	209.58	141.72	-1,181.06	-8,543.03	9,651.97	9,411.99	239.98	40.221		
6,300.00	6,135.62	6,149.62	6,149.62	32.97	212.96	141.81	-1,181.06	-8,543.03	9,671.19	9,427.33	243.86	39.659		
6,400.00	6,232.65	6,246.65	6,246.65	33.51	216.35	141.90	-1,181.06	-8,543.03	9,690.43	9,442.68	247.74	39.115		
6,500.00	6,329.68	6,343.68	6,343.68	34.06	219.74	141.99	-1,181.06	-8,543.03	9,709.69	9,458.06	251.63	38.587		
6,600.00	6,426.71	6,440.71	6,440.71	34.60	223.12	142.07	-1,181.06	-8,543.03	9,728.98	9,473.47	255.51	38.076		
6,655.36	6,480.43	6,505.57	6,494.43	34.90	225.39	142.12	-1,181.06	-8,543.03	9,739.67	9,481.61	258.05	37.743		
6,700.00	6,524.01	6,538.01	6,538.01	35.13	226.52	129.98	-1,181.06	-8,543.03	9,746.75	9,487.35	259.40	37.574		
6,750.00	6,573.29	6,587.29	6,587.29	35.36	228.24	107.52	-1,181.06	-8,543.03	9,751.00	9,489.65	261.35	37.311		
6,800.00	6,622.76	6,636.76	6,636.76	35.56	229.97	77.22	-1,181.06	-8,543.03	9,751.33	9,488.05	263.28	37.038		
6,850.00	6,672.13	6,686.13	6,686.13	35.73	231.69	51.85	-1,181.06	-8,543.03	9,747.75	9,482.57	265.18	36.759		
6,900.00	6,721.08	6,735.08	6,735.08	35.88	233.40	36.40	-1,181.06	-8,543.03	9,740.28	9,473.24	267.04	36.475		
6,950.00	6,769.31	6,783.31	6,783.31	36.03	235.08	27.32	-1,181.06	-8,543.03	9,728.96	9,460.11	268.85	36.187		
7,000.00	6,816.53	6,830.53	6,830.53	36.18	236.73	21.64	-1,181.06	-8,543.03	9,713.85	9,443.25	270.61	35.897		
7,050.00	6,862.44	6,876.44	6,876.44	36.34	238.33	17.83	-1,181.06	-8,543.03	9,695.06	9,422.77	272.30	35.605		
7,100.00	6,906.77	6,920.77	6,920.77	36.50	239.88	15.12	-1,181.06	-8,543.03	9,672.70	9,398.79	273.92	35.313		
7,150.00	6,949.23	6,963.23	6,963.23	36.68	241.36	13.12	-1,181.06	-8,543.03	9,646.91	9,371.45	275.46	35.022		
7,200.00	6,989.58	7,003.58	7,003.58	36.87	242.77	11.57	-1,181.06	-8,543.03	9,617.84	9,340.93	276.90	34.733		
7,250.00	7,027.55	7,041.55	7,041.55	37.09	244.10	10.34	-1,181.06	-8,543.03	9,585.67	9,307.41	278.26	34.449		
7,300.00	7,062.91	7,076.91	7,076.91	37.32	245.33	9.32	-1,181.06	-8,543.03	9,550.60	9,271.10	279.51	34.169		
7,350.00	7,095.45	7,109.45	7,109.45	37.59	246.47	8.45	-1,181.06	-8,543.03	9,512.85	9,232.20	280.65	33.896		
7,400.00	7,124.97	7,138.97	7,138.97	37.88	247.50	7.68	-1,181.06	-8,543.03	9,472.65	9,190.97	281.68	33.629		
7,450.00	7,151.28	7,165.28	7,165.28	38.21	248.42	6.95	-1,181.06	-8,543.03	9,430.24	9,147.66	282.59	33.371		
7,500.00	7,174.22	7,188.22	7,188.22	38.58	249.22	6.20	-1,181.06	-8,543.03	9,385.89	9,102.52	283.37	33.122		
7,550.00	7,193.65	7,207.65	7,207.65	38.98	249.90	5.36	-1,181.06	-8,543.03	9,339.87	9,055.84	284.04	32.883		
7,600.00	7,209.45	7,223.45	7,223.45	39.43	250.45	4.25	-1,181.06	-8,543.03	9,292.47	9,007.89	284.57	32.654		
7,650.00	7,221.52	7,235.52	7,235.52	39.91	250.87	2.51	-1,181.06	-8,543.03	9,243.96	8,958.99	284.98	32.437		
7,700.00	7,229.79	7,243.79	7,243.79	40.42	251.16	-1.16	-1,181.06	-8,543.03	9,194.67	8,909.41	285.26	32.233		
7,750.00	7,234.21	7,248.21	7,248.21	40.97	251.31	-15.64	-1,181.06	-8,543.03	9,144.88	8,859.47	285.40	32.042		
7,780.56	7,235.00	7,249.00	7,249.00	41.32	251.34	-84.15	-1,181.06	-8,543.03	9,114.33	8,828.90	285.43	31.932		
7,800.00	7,235.04	7,249.04	7,249.04	41.54	251.34	-84.17	-1,181.06	-8,543.03	9,094.90	8,809.47	285.43	31.863		
7,900.00	7,235.26	7,249.26	7,249.26	42.82	251.35	-84.23	-1,181.06	-8,543.03	8,994.92	8,709.48	285.44	31.512		
8,000.00	7,235.47	7,249.47	7,249.47	44.25	251.36	-84.29	-1,181.06	-8,543.03	8,894.94	8,609.49	285.46	31.160		
8,100.00	7,235.68	7,249.68	7,249.68	45.82	251.36	-84.36	-1,181.06	-8,543.03	8,794.97	8,509.50	285.47	30.809		
8,200.00	7,235.90	7,249.90	7,249.90	47.52	251.37	-84.42	-1,181.06	-8,543.03	8,694.99	8,409.51	285.48	30.457		
8,300.00	7,236.11	7,250.11	7,250.11	49.34	251.38	-84.49	-1,181.06	-8,543.03	8,595.02	8,309.52	285.50	30.105		
8,400.00	7,236.32	7,250.32	7,250.32	51.25	251.39	-84.55	-1,181.06	-8,543.03	8,495.04	8,209.52	285.52	29.753		
8,500.00	7,236.54	7,250.54	7,250.54	53.26	251.39	-84.61	-1,181.06	-8,543.03	8,395.07	8,109.53	285.54	29.401		
8,600.00	7,236.75	7,250.75	7,250.75	55.34	251.40	-84.68	-1,181.06	-8,543.03	8,295.09	8,009.54	285.56	29.049		
8,700.00	7,236.96	7,250.96	7,250.96	57.50	251.41	-84.74	-1,181.06	-8,543.03	8,195.12	7,909.54	285.58	28.697		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - BLACKGOLD #3(PA) - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore Centre		Between	Between	Minimum	Separation	Warning				
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	Toolface (")	+N/-S (ft)	+E/-W (ft)	Centres (ft)	Ellipses (ft)	Separation (ft)	Factor					
8,800.00	7,237.17	7,251.17	7,251.17	59.71	251.41	-84.80	-1,181.06	-8,543.03	8,095.15	7,809.55	285.60	28.344					
8,900.00	7,237.39	7,251.39	7,251.39	61.98	251.42	-84.87	-1,181.06	-8,543.03	7,995.17	7,709.55	285.62	27.992					
9,000.00	7,237.60	7,251.60	7,251.60	64.29	251.43	-84.93	-1,181.06	-8,543.03	7,895.20	7,609.55	285.65	27.640					
9,100.00	7,237.81	7,251.81	7,251.81	66.65	251.44	-85.00	-1,181.06	-8,543.03	7,795.23	7,509.56	285.68	27.287					
9,200.00	7,238.03	7,252.03	7,252.03	69.05	251.44	-85.06	-1,181.06	-8,543.03	7,695.26	7,409.56	285.70	26.934					
9,300.00	7,238.24	7,252.24	7,252.24	71.48	251.45	-85.12	-1,181.06	-8,543.03	7,595.29	7,309.56	285.73	26.582					
9,400.00	7,238.45	7,252.45	7,252.45	73.95	251.46	-85.19	-1,181.06	-8,543.03	7,495.32	7,209.56	285.77	26.229					
9,500.00	7,238.67	7,252.67	7,252.67	76.44	251.47	-85.25	-1,181.06	-8,543.03	7,395.36	7,109.56	285.80	25.876					
9,600.00	7,238.88	7,252.88	7,252.88	78.96	251.47	-85.32	-1,181.06	-8,543.03	7,295.39	7,009.56	285.83	25.523					
9,700.00	7,239.09	7,253.09	7,253.09	81.50	251.48	-85.38	-1,181.06	-8,543.03	7,195.43	6,909.55	285.87	25.170					
9,800.00	7,239.30	7,253.30	7,253.30	84.06	251.49	-85.44	-1,181.06	-8,543.03	7,095.46	6,809.55	285.91	24.817					
9,900.00	7,239.52	7,253.52	7,253.52	86.64	251.50	-85.51	-1,181.06	-8,543.03	6,995.50	6,709.55	285.95	24.464					
10,000.00	7,239.73	7,253.73	7,253.73	89.23	251.50	-85.57	-1,181.06	-8,543.03	6,895.53	6,609.54	285.99	24.111					
10,100.00	7,239.94	7,253.94	7,253.94	91.85	251.51	-85.64	-1,181.06	-8,543.03	6,795.57	6,509.54	286.03	23.758					
10,200.00	7,240.16	7,254.16	7,254.16	94.47	251.52	-85.70	-1,181.06	-8,543.03	6,695.61	6,409.53	286.08	23.405					
10,300.00	7,240.37	7,254.37	7,254.37	97.11	251.53	-85.76	-1,181.06	-8,543.03	6,595.65	6,309.53	286.13	23.052					
10,400.00	7,240.58	7,254.58	7,254.58	99.76	251.53	-85.83	-1,181.06	-8,543.03	6,495.70	6,209.52	286.17	22.698					
10,500.00	7,240.80	7,254.80	7,254.80	102.43	251.54	-85.89	-1,181.06	-8,543.03	6,395.74	6,109.51	286.23	22.345					
10,600.00	7,241.01	7,255.01	7,255.01	105.10	251.55	-85.96	-1,181.06	-8,543.03	6,295.78	6,009.51	286.28	21.992					
10,700.00	7,241.22	7,255.22	7,255.22	107.79	251.56	-86.02	-1,181.06	-8,543.03	6,195.83	5,909.50	286.33	21.638					
10,800.00	7,241.43	7,255.43	7,255.43	110.48	251.56	-86.08	-1,181.06	-8,543.03	6,095.88	5,809.49	286.39	21.285					
10,900.00	7,241.65	7,255.65	7,255.65	113.18	251.57	-86.15	-1,181.06	-8,543.03	5,995.93	5,709.48	286.45	20.932					
11,000.00	7,241.86	7,255.86	7,255.86	115.89	251.58	-86.21	-1,181.06	-8,543.03	5,895.98	5,609.47	286.51	20.578					
11,100.00	7,242.07	7,256.07	7,256.07	118.60	251.59	-86.28	-1,181.06	-8,543.03	5,796.03	5,509.46	286.58	20.225					
11,200.00	7,242.29	7,256.29	7,256.29	121.32	251.59	-86.34	-1,181.06	-8,543.03	5,696.09	5,409.44	286.64	19.872					
11,300.00	7,242.50	7,256.50	7,256.50	124.05	251.60	-86.40	-1,181.06	-8,543.03	5,596.14	5,309.43	286.71	19.518					
11,400.00	7,242.71	7,256.71	7,256.71	126.78	251.61	-86.47	-1,181.06	-8,543.03	5,496.20	5,209.42	286.78	19.165					
11,500.00	7,242.93	7,256.93	7,256.93	129.52	251.62	-86.53	-1,181.06	-8,543.03	5,396.26	5,109.40	286.86	18.812					
11,600.00	7,243.14	7,257.14	7,257.14	132.27	251.62	-86.60	-1,181.06	-8,543.03	5,296.33	5,009.39	286.94	18.458					
11,700.00	7,243.35	7,257.35	7,257.35	135.02	251.63	-86.66	-1,181.06	-8,543.03	5,196.39	4,909.37	287.02	18.105					
11,800.00	7,243.57	7,257.57	7,257.57	137.77	251.64	-86.72	-1,181.06	-8,543.03	5,096.46	4,809.36	287.10	17.751					
11,900.00	7,243.78	7,257.78	7,257.78	140.53	251.65	-86.79	-1,181.06	-8,543.03	4,996.53	4,709.34	287.19	17.398					
12,000.00	7,243.99	7,257.99	7,257.99	143.29	251.65	-86.85	-1,181.06	-8,543.03	4,896.60	4,609.32	287.28	17.045					
12,100.00	7,244.20	7,258.20	7,258.20	146.05	251.66	-86.92	-1,181.06	-8,543.03	4,796.68	4,509.30	287.38	16.691					
12,200.00	7,244.42	7,258.42	7,258.42	148.82	251.67	-86.98	-1,181.06	-8,543.03	4,696.76	4,409.28	287.48	16.338					
12,300.00	7,244.63	7,258.63	7,258.63	151.60	251.68	-87.05	-1,181.06	-8,543.03	4,596.84	4,309.26	287.58	15.984					
12,400.00	7,244.84	7,258.84	7,258.84	154.37	251.68	-87.11	-1,181.06	-8,543.03	4,496.93	4,209.24	287.69	15.631					
12,500.00	7,245.06	7,259.06	7,259.06	157.15	251.69	-87.17	-1,181.06	-8,543.03	4,397.02	4,109.22	287.81	15.278					
12,600.00	7,245.27	7,259.27	7,259.27	159.93	251.70	-87.24	-1,181.06	-8,543.03	4,297.12	4,009.19	287.93	14.924					
12,700.00	7,245.48	7,259.48	7,259.48	162.71	251.70	-87.30	-1,181.06	-8,543.03	4,197.22	3,909.16	288.05	14.571					
12,800.00	7,245.70	7,259.70	7,259.70	165.50	251.71	-87.37	-1,181.06	-8,543.03	4,097.32	3,809.14	288.19	14.218					
12,900.00	7,245.91	7,259.91	7,259.91	168.29	251.72	-87.43	-1,181.06	-8,543.03	3,997.43	3,709.10	288.33	13.864					
13,000.00	7,246.12	7,260.12	7,260.12	171.08	251.73	-87.50	-1,181.06	-8,543.03	3,897.55	3,609.07	288.48	13.511					
13,100.00	7,246.33	7,260.33	7,260.33	173.87	251.73	-87.56	-1,181.06	-8,543.03	3,797.67	3,509.04	288.63	13.157					
13,200.00	7,246.55	7,260.55	7,260.55	176.67	251.74	-87.62	-1,181.06	-8,543.03	3,697.80	3,409.00	288.80	12.804					
13,300.00	7,246.76	7,260.76	7,260.76	179.47	251.75	-87.69	-1,181.06	-8,543.03	3,597.93	3,308.96	288.97	12.451					
13,400.00	7,246.97	7,260.97	7,260.97	182.27	251.76	-87.75	-1,181.06	-8,543.03	3,498.08	3,208.91	289.16	12.097					
13,500.00	7,247.19	7,261.19	7,261.19	185.07	251.76	-87.82	-1,181.06	-8,543.03	3,398.23	3,108.87	289.36	11.744					
13,600.00	7,247.40	7,261.40	7,261.40	187.87	251.77	-87.88	-1,181.06	-8,543.03	3,298.39	3,008.81	289.58	11.390					
13,700.00	7,247.61	7,261.61	7,261.61	190.68	251.78	-87.95	-1,181.06	-8,543.03	3,198.56	2,908.75	289.81	11.037					
13,800.00	7,247.83	7,261.83	7,261.83	193.48	251.79	-88.01	-1,181.06	-8,543.03	3,098.74	2,808.69	290.05	10.683					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - BLACKGOLD #3(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
13,900.00	7,248.04	7,262.04	7,262.04	196.29	251.79	-88.07	-1,181.06	-8,543.03	2,998.94	2,708.61	290.32	10.330		
14,000.00	7,248.25	7,262.25	7,262.25	199.10	251.80	-88.14	-1,181.06	-8,543.03	2,899.14	2,608.53	290.61	9.976		
14,100.00	7,248.46	7,262.46	7,262.46	201.91	251.81	-88.20	-1,181.06	-8,543.03	2,799.36	2,508.44	290.92	9.622		
14,200.00	7,248.68	7,262.68	7,262.68	204.72	251.82	-88.27	-1,181.06	-8,543.03	2,699.60	2,408.34	291.27	9.269		
14,300.00	7,248.89	7,262.89	7,262.89	207.53	251.82	-88.33	-1,181.06	-8,543.03	2,599.86	2,308.22	291.64	8.915		
14,400.00	7,249.10	7,263.10	7,263.10	210.35	251.83	-88.40	-1,181.06	-8,543.03	2,500.14	2,208.08	292.05	8.561		
14,500.00	7,249.32	7,263.32	7,263.32	213.16	251.84	-88.46	-1,181.06	-8,543.03	2,400.44	2,107.93	292.51	8.206		
14,600.00	7,249.53	7,263.53	7,263.53	215.98	251.85	-88.52	-1,181.06	-8,543.03	2,300.76	2,007.75	293.02	7.852		
14,700.00	7,249.74	7,263.74	7,263.74	218.80	251.85	-88.59	-1,181.06	-8,543.03	2,201.12	1,907.54	293.58	7.497		
14,800.00	7,249.96	7,263.96	7,263.96	221.62	251.86	-88.65	-1,181.06	-8,543.03	2,101.51	1,807.29	294.22	7.143		
14,900.00	7,250.17	7,264.17	7,264.17	224.44	251.87	-88.72	-1,181.06	-8,543.03	2,001.94	1,707.00	294.93	6.788		
15,000.00	7,250.38	7,264.38	7,264.38	227.26	251.88	-88.78	-1,181.06	-8,543.03	1,902.41	1,606.67	295.74	6.433		
15,100.00	7,250.59	7,264.59	7,264.59	230.08	251.88	-88.85	-1,181.06	-8,543.03	1,802.93	1,506.26	296.67	6.077		
15,200.00	7,250.81	7,264.81	7,264.81	232.90	251.89	-88.91	-1,181.06	-8,543.03	1,703.52	1,405.78	297.74	5.722		
15,300.00	7,251.02	7,265.02	7,265.02	235.72	251.90	-88.97	-1,181.06	-8,543.03	1,604.18	1,305.21	298.98	5.366		
15,400.00	7,251.23	7,265.23	7,265.23	238.55	251.91	-89.04	-1,181.06	-8,543.03	1,504.93	1,204.51	300.42	5.009		
15,500.00	7,251.45	7,265.45	7,265.45	241.37	251.91	-89.10	-1,181.06	-8,543.03	1,405.78	1,103.66	302.13	4.653		
15,600.00	7,251.66	7,265.66	7,265.66	244.20	251.92	-89.17	-1,181.06	-8,543.03	1,306.77	1,002.61	304.16	4.296		
15,700.00	7,251.87	7,265.87	7,265.87	247.03	251.93	-89.23	-1,181.06	-8,543.03	1,207.91	901.31	306.60	3.940		
15,800.00	7,252.09	7,266.09	7,266.09	249.85	251.94	-89.30	-1,181.06	-8,543.03	1,109.26	799.69	309.57	3.583		
15,900.00	7,252.30	7,266.30	7,266.30	252.68	251.94	-89.36	-1,181.06	-8,543.03	1,010.88	697.64	313.24	3.227		
16,000.00	7,252.51	7,266.51	7,266.51	255.51	251.95	-89.43	-1,181.06	-8,543.03	912.84	595.01	317.84	2.872		
16,100.00	7,252.72	7,266.72	7,266.72	258.34	251.96	-89.49	-1,181.06	-8,543.03	815.29	491.58	323.71	2.519		
16,200.00	7,252.94	7,266.94	7,266.94	261.17	251.97	-89.55	-1,181.06	-8,543.03	718.41	387.06	331.35	2.168		
16,300.00	7,253.15	7,267.15	7,267.15	264.00	251.97	-89.62	-1,181.06	-8,543.03	622.51	280.96	341.55	1.823		
16,400.00	7,253.36	7,267.36	7,267.36	266.83	251.98	-89.68	-1,181.06	-8,543.03	528.14	172.55	355.59	1.485 Level 3		
16,500.00	7,253.58	7,267.58	7,267.58	269.66	251.99	-89.75	-1,181.06	-8,543.03	436.29	60.73	375.55	1.162 Level 2		
16,600.00	7,253.79	7,267.79	7,267.79	272.50	251.99	-89.81	-1,181.06	-8,543.03	348.94	-55.95	404.89	0.862 Level 1		
16,700.00	7,254.00	7,268.00	7,268.00	275.33	252.00	-89.88	-1,181.06	-8,543.03	270.50	-177.63	448.12	0.604 Level 1		
16,800.00	7,254.22	7,268.22	7,268.22	278.16	252.01	-89.94	-1,181.06	-8,543.03	211.14	-291.98	503.11	0.420 Level 1		
16,892.94	7,254.41	7,268.41	7,268.41	280.80	252.02	-90.00	-1,181.06	-8,543.03	189.58	-343.23	532.81	0.356 Level 1, CC, ES, SF		
16,900.00	7,254.43	7,268.43	7,268.43	281.00	252.02	-90.00	-1,181.06	-8,543.03	189.71	-343.04	532.75	0.356 Level 1		
17,000.00	7,254.64	7,268.64	7,268.64	283.83	252.02	-90.07	-1,181.06	-8,543.03	217.72	-281.28	499.00	0.436 Level 1		
17,100.00	7,254.85	7,268.85	7,268.85	286.67	252.03	-90.13	-1,181.06	-8,543.03	280.74	-165.62	446.35	0.629 Level 1		
17,200.00	7,255.07	7,269.07	7,269.07	289.50	252.04	-90.20	-1,181.06	-8,543.03	360.87	-45.24	406.10	0.889 Level 1		
17,300.00	7,255.28	7,269.28	7,269.28	292.34	252.05	-90.26	-1,181.06	-8,543.03	449.04	70.30	378.74	1.186 Level 2		
17,400.00	7,255.49	7,269.49	7,269.49	295.17	252.05	-90.33	-1,181.06	-8,543.03	541.34	181.36	359.97	1.504		
17,500.00	7,255.71	7,269.71	7,269.71	298.01	252.06	-90.39	-1,181.06	-8,543.03	635.97	289.29	346.68	1.834		
17,600.00	7,255.92	7,269.92	7,269.92	300.85	252.07	-90.46	-1,181.06	-8,543.03	732.03	395.08	336.95	2.173		
17,700.00	7,256.13	7,270.13	7,270.13	303.68	252.08	-90.52	-1,181.06	-8,543.03	829.02	499.40	329.62	2.515		
17,800.00	7,256.35	7,270.35	7,270.35	306.52	252.08	-90.58	-1,181.06	-8,543.03	926.65	602.68	323.98	2.860		
17,900.00	7,256.56	7,270.56	7,270.56	309.36	252.09	-90.65	-1,181.06	-8,543.03	1,024.74	705.21	319.53	3.207		
18,000.00	7,256.77	7,270.77	7,270.77	312.20	252.10	-90.71	-1,181.06	-8,543.03	1,123.17	807.19	315.98	3.555		
18,100.00	7,256.98	7,270.98	7,270.98	315.04	252.11	-90.78	-1,181.06	-8,543.03	1,221.85	908.75	313.11	3.902		
18,200.00	7,257.20	7,271.20	7,271.20	317.88	252.11	-90.84	-1,181.06	-8,543.03	1,320.73	1,009.99	310.74	4.250		
18,300.00	7,257.41	7,271.41	7,271.41	320.72	252.12	-90.91	-1,181.06	-8,543.03	1,419.77	1,110.98	308.79	4.598		
18,400.00	7,257.62	7,271.62	7,271.62	323.56	252.13	-90.97	-1,181.06	-8,543.03	1,518.93	1,211.78	307.15	4.945		
18,500.00	7,257.84	7,271.84	7,271.84	326.40	252.14	-91.03	-1,181.06	-8,543.03	1,618.20	1,312.42	305.77	5.292		
18,600.00	7,258.05	7,272.05	7,272.05	329.24	252.14	-91.10	-1,181.06	-8,543.03	1,717.55	1,412.94	304.61	5.639		
18,700.00	7,258.26	7,272.26	7,272.26	332.08	252.15	-91.16	-1,181.06	-8,543.03	1,816.97	1,513.36	303.61	5.985		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - BLACKGOLD #3(PA) - OH - OH		Offset Site Error:		0.00 ft	
Survey Program:													100-2" Cone@2.448 Sigma		Offset Well Error:		3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning				
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)							
18,800.00	7,258.48	7,272.48	7,272.48	334.92	252.16	-91.23	-1,181.06	-8,543.03	1,916.45	1,613.70	302.76	6.330						
18,900.00	7,258.69	7,272.69	7,272.69	337.76	252.17	-91.29	-1,181.06	-8,543.03	2,015.99	1,713.96	302.02	6.675						
19,000.00	7,258.90	7,272.90	7,272.90	340.60	252.17	-91.36	-1,181.06	-8,543.03	2,115.56	1,814.17	301.39	7.019						
19,046.19	7,259.00	7,273.00	7,273.00	341.92	252.18	-91.39	-1,181.06	-8,543.03	2,161.57	1,860.44	301.13	7.178						



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - CARLSON #10-1(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	26.00	26.00	3.28	3.31	-79.78	1,518.77	-8,426.69	8,562.46					
100.00	100.00	126.00	126.00	3.28	4.22	-79.78	1,518.77	-8,426.69	8,562.46	8,554.96	7.50	1,141.141		
200.00	200.00	226.00	226.00	3.34	6.96	-79.78	1,518.77	-8,426.69	8,562.46	8,552.16	10.30	831.155		
300.00	300.00	326.00	326.00	3.44	10.18	-79.78	1,518.77	-8,426.69	8,562.46	8,548.84	13.62	628.527		
400.00	399.98	425.98	425.98	3.60	13.53	155.21	1,518.77	-8,426.69	8,564.05	8,546.92	17.13	500.045		
500.00	499.84	525.84	525.84	3.79	16.93	155.18	1,518.77	-8,426.69	8,568.80	8,548.08	20.72	413.474		
600.00	599.45	625.45	625.45	4.03	20.36	155.14	1,518.77	-8,426.69	8,576.71	8,552.33	24.38	351.756		
700.00	698.70	724.70	724.70	4.30	23.78	155.08	1,518.77	-8,426.69	8,587.78	8,559.70	28.08	305.826		
800.00	797.47	823.47	823.47	4.61	27.20	155.00	1,518.77	-8,426.69	8,602.00	8,570.19	31.80	270.477		
900.00	895.62	921.62	921.62	4.95	30.60	154.91	1,518.77	-8,426.69	8,619.34	8,583.80	35.54	242.535		
1,000.00	993.06	1,019.06	1,019.06	5.33	33.99	154.79	1,518.77	-8,426.69	8,639.80	8,600.52	39.28	219.965		
1,100.00	1,090.08	1,116.08	1,116.08	5.74	37.36	154.86	1,518.77	-8,426.69	8,661.81	8,618.78	43.02	201.330		
1,200.00	1,187.11	1,213.11	1,213.11	6.17	40.74	154.93	1,518.77	-8,426.69	8,683.83	8,637.05	46.78	185.621		
1,300.00	1,284.14	1,310.14	1,310.14	6.61	44.11	155.00	1,518.77	-8,426.69	8,705.87	8,655.31	50.56	172.194		
1,400.00	1,381.17	1,407.17	1,407.17	7.07	47.49	155.06	1,518.77	-8,426.69	8,727.91	8,673.56	54.35	160.594		
1,500.00	1,478.20	1,504.20	1,504.20	7.55	50.87	155.13	1,518.77	-8,426.69	8,749.97	8,691.82	58.15	150.479		
1,600.00	1,575.23	1,601.23	1,601.23	8.03	54.25	155.20	1,518.77	-8,426.69	8,772.04	8,710.08	61.96	141.584		
1,700.00	1,672.26	1,701.74	1,698.26	8.52	57.76	155.26	1,518.77	-8,426.69	8,794.12	8,728.22	65.89	133.458		
1,800.00	1,769.29	1,804.71	1,795.29	9.01	61.34	155.33	1,518.77	-8,426.69	8,816.21	8,746.28	69.92	126.082		
1,900.00	1,866.32	1,907.68	1,892.32	9.51	64.93	155.39	1,518.77	-8,426.69	8,838.31	8,764.35	73.96	119.501		
2,000.00	1,963.35	1,989.35	1,989.35	10.02	67.78	155.46	1,518.77	-8,426.69	8,860.42	8,783.17	77.26	114.686		
2,100.00	2,060.38	2,086.38	2,086.38	10.53	71.17	155.52	1,518.77	-8,426.69	8,882.55	8,801.45	81.10	109.533		
2,200.00	2,157.41	2,183.41	2,183.41	11.04	74.55	155.59	1,518.77	-8,426.69	8,904.68	8,819.75	84.94	104.840		
2,300.00	2,254.44	2,280.44	2,280.44	11.56	77.93	155.65	1,518.77	-8,426.69	8,926.83	8,838.05	88.78	100.551		
2,400.00	2,351.47	2,377.47	2,377.47	12.07	81.32	155.71	1,518.77	-8,426.69	8,948.98	8,856.36	92.63	96.615		
2,500.00	2,448.50	2,474.50	2,474.50	12.59	84.70	155.78	1,518.77	-8,426.69	8,971.15	8,874.68	96.47	92.991		
2,600.00	2,545.53	2,571.53	2,571.53	13.12	88.09	155.84	1,518.77	-8,426.69	8,993.33	8,893.00	100.32	89.643		
2,700.00	2,642.56	2,668.56	2,668.56	13.64	91.47	155.90	1,518.77	-8,426.69	9,015.51	8,911.34	104.18	86.541		
2,800.00	2,739.59	2,765.59	2,765.59	14.17	94.86	155.96	1,518.77	-8,426.69	9,037.71	8,929.68	108.03	83.659		
2,900.00	2,836.62	2,862.62	2,862.62	14.69	98.24	156.03	1,518.77	-8,426.69	9,059.92	8,948.03	111.89	80.975		
3,000.00	2,933.65	2,959.65	2,959.65	15.22	101.63	156.09	1,518.77	-8,426.69	9,082.14	8,966.39	115.74	78.469		
3,100.00	3,030.68	3,056.68	3,056.68	15.75	105.01	156.15	1,518.77	-8,426.69	9,104.36	8,984.76	119.60	76.124		
3,200.00	3,127.71	3,153.71	3,153.71	16.28	108.40	156.21	1,518.77	-8,426.69	9,126.60	9,003.14	123.46	73.925		
3,300.00	3,224.74	3,250.74	3,250.74	16.82	111.79	156.27	1,518.77	-8,426.69	9,148.85	9,021.53	127.32	71.859		
3,400.00	3,321.76	3,347.76	3,347.76	17.35	115.17	156.33	1,518.77	-8,426.69	9,171.11	9,039.93	131.18	69.914		
3,500.00	3,418.79	3,444.79	3,444.79	17.88	118.56	156.39	1,518.77	-8,426.69	9,193.38	9,058.34	135.04	68.079		
3,600.00	3,515.82	3,541.82	3,541.82	18.42	121.94	156.45	1,518.77	-8,426.69	9,215.65	9,076.75	138.90	66.347		
3,700.00	3,612.85	3,638.85	3,638.85	18.95	125.33	156.51	1,518.77	-8,426.69	9,237.94	9,095.18	142.76	64.708		
3,800.00	3,709.88	3,735.88	3,735.88	19.49	128.72	156.57	1,518.77	-8,426.69	9,260.24	9,113.61	146.63	63.156		
3,900.00	3,806.91	3,832.91	3,832.91	20.02	132.10	156.63	1,518.77	-8,426.69	9,282.54	9,132.05	150.49	61.682		
4,000.00	3,903.94	3,929.94	3,929.94	20.56	135.49	156.69	1,518.77	-8,426.69	9,304.86	9,150.50	154.35	60.283		
4,100.00	4,000.97	4,026.97	4,026.97	21.09	138.88	156.75	1,518.77	-8,426.69	9,327.18	9,168.96	158.22	58.952		
4,200.00	4,098.00	4,124.00	4,124.00	21.63	142.26	156.81	1,518.77	-8,426.69	9,349.51	9,187.43	162.08	57.684		
4,300.00	4,195.03	4,221.03	4,221.03	22.17	145.65	156.86	1,518.77	-8,426.69	9,371.86	9,205.91	165.95	56.475		
4,400.00	4,292.06	4,318.06	4,318.06	22.71	149.03	156.92	1,518.77	-8,426.69	9,394.21	9,224.40	169.81	55.321		
4,500.00	4,389.09	4,415.09	4,415.09	23.25	152.42	156.98	1,518.77	-8,426.69	9,416.57	9,242.89	173.68	54.219		
4,600.00	4,486.12	4,512.12	4,512.12	23.78	155.81	157.04	1,518.77	-8,426.69	9,438.94	9,261.40	177.54	53.164		
4,700.00	4,583.15	4,609.15	4,609.15	24.32	159.19	157.09	1,518.77	-8,426.69	9,461.32	9,279.91	181.41	52.155		
4,800.00	4,680.18	4,706.18	4,706.18	24.86	162.58	157.15	1,518.77	-8,426.69	9,483.71	9,298.43	185.28	51.187		
4,900.00	4,777.21	4,803.21	4,803.21	25.40	165.97	157.21	1,518.77	-8,426.69	9,506.11	9,316.96	189.14	50.259		
5,000.00	4,874.24	4,900.24	4,900.24	25.94	169.35	157.26	1,518.77	-8,426.69	9,528.51	9,335.50	193.01	49.368		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - CARLSON #10-1(PA) - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
5,100.00	4,971.27	5,002.73	4,997.27	26.48	172.93	157.32	1,518.77	-8,426.69	9,550.93	9,353.86	197.07	48.466			
5,200.00	5,068.30	5,105.70	5,094.30	27.02	176.53	157.37	1,518.77	-8,426.69	9,573.35	9,372.21	201.14	47.595			
5,300.00	5,165.33	5,208.67	5,191.33	27.56	180.12	157.43	1,518.77	-8,426.69	9,595.78	9,390.57	205.22	46.760			
5,400.00	5,262.36	5,288.36	5,288.36	28.10	182.90	157.48	1,518.77	-8,426.69	9,618.22	9,409.74	208.48	46.136			
5,500.00	5,359.39	5,385.39	5,385.39	28.64	186.29	157.54	1,518.77	-8,426.69	9,640.67	9,428.33	212.34	45.401			
5,600.00	5,456.42	5,482.42	5,482.42	29.18	189.67	157.59	1,518.77	-8,426.69	9,663.13	9,446.92	216.21	44.693			
5,700.00	5,553.45	5,579.45	5,579.45	29.72	193.06	157.65	1,518.77	-8,426.69	9,685.59	9,465.51	220.08	44.009			
5,800.00	5,650.47	5,676.47	5,676.47	30.27	196.45	157.70	1,518.77	-8,426.69	9,708.07	9,484.12	223.95	43.350			
5,900.00	5,747.50	5,773.50	5,773.50	30.81	199.83	157.76	1,518.77	-8,426.69	9,730.55	9,502.73	227.82	42.712			
6,000.00	5,844.53	5,870.53	5,870.53	31.35	203.22	157.81	1,518.77	-8,426.69	9,753.04	9,521.36	231.68	42.096			
6,100.00	5,941.56	5,967.56	5,967.56	31.89	206.61	157.86	1,518.77	-8,426.69	9,775.54	9,539.99	235.55	41.501			
6,200.00	6,038.59	6,064.59	6,064.59	32.43	210.00	157.92	1,518.77	-8,426.69	9,798.05	9,558.63	239.42	40.924			
6,300.00	6,135.62	6,161.62	6,161.62	32.97	213.38	157.97	1,518.77	-8,426.69	9,820.56	9,577.27	243.29	40.366			
6,400.00	6,232.65	6,258.65	6,258.65	33.51	216.77	158.02	1,518.77	-8,426.69	9,843.08	9,595.93	247.16	39.825			
6,500.00	6,329.68	6,355.68	6,355.68	34.06	220.16	158.07	1,518.77	-8,426.69	9,865.61	9,614.59	251.03	39.301			
6,600.00	6,426.71	6,452.71	6,452.71	34.60	223.54	158.13	1,518.77	-8,426.69	9,888.15	9,633.26	254.89	38.793			
6,655.36	6,480.43	6,506.43	6,506.43	34.90	225.42	158.15	1,518.77	-8,426.69	9,900.63	9,643.60	257.04	38.519			
6,700.00	6,524.01	6,550.01	6,550.01	35.13	226.94	145.79	1,518.77	-8,426.69	9,909.21	9,650.44	258.77	38.294			
6,750.00	6,573.29	6,600.71	6,599.29	35.36	228.71	123.18	1,518.77	-8,426.69	9,915.27	9,654.50	260.76	38.024			
6,800.00	6,622.76	6,648.76	6,648.76	35.56	230.39	92.82	1,518.77	-8,426.69	9,917.53	9,654.88	262.65	37.760			
6,850.00	6,672.13	6,701.87	6,698.13	35.73	232.24	67.50	1,518.77	-8,426.69	9,915.99	9,651.31	264.68	37.464			
6,900.00	6,721.08	6,747.08	6,747.08	35.88	233.82	52.20	1,518.77	-8,426.69	9,910.66	9,644.24	266.42	37.200			
6,950.00	6,769.31	6,804.69	6,795.31	36.03	235.83	43.36	1,518.77	-8,426.69	9,901.57	9,633.00	268.56	36.869			
7,000.00	6,816.53	6,842.53	6,842.53	36.18	237.15	38.04	1,518.77	-8,426.69	9,888.78	9,618.78	269.99	36.626			
7,050.00	6,862.44	6,888.44	6,888.44	36.34	238.75	34.71	1,518.77	-8,426.69	9,872.37	9,600.69	271.69	36.337			
7,100.00	6,906.77	6,932.77	6,932.77	36.50	240.30	32.63	1,518.77	-8,426.69	9,852.46	9,579.15	273.31	36.049			
7,150.00	6,949.23	6,975.23	6,975.23	36.68	241.78	31.41	1,518.77	-8,426.69	9,829.15	9,554.31	274.84	35.763			
7,200.00	6,989.58	7,015.58	7,015.58	36.87	243.19	30.84	1,518.77	-8,426.69	9,802.60	9,526.32	276.29	35.480			
7,250.00	7,027.55	7,053.55	7,053.55	37.09	244.52	30.80	1,518.77	-8,426.69	9,772.98	9,495.34	277.63	35.201			
7,300.00	7,062.91	7,088.91	7,088.91	37.32	245.75	31.27	1,518.77	-8,426.69	9,740.46	9,461.58	278.88	34.927			
7,350.00	7,095.45	7,121.45	7,121.45	37.59	246.89	32.25	1,518.77	-8,426.69	9,705.25	9,425.24	280.02	34.660			
7,400.00	7,124.97	7,150.97	7,150.97	37.88	247.92	33.78	1,518.77	-8,426.69	9,667.57	9,386.53	281.04	34.399			
7,450.00	7,151.28	7,177.28	7,177.28	38.21	248.84	35.99	1,518.77	-8,426.69	9,627.65	9,345.70	281.95	34.147			
7,500.00	7,174.22	7,200.22	7,200.22	38.58	249.64	39.03	1,518.77	-8,426.69	9,585.75	9,303.00	282.74	33.903			
7,550.00	7,193.65	7,219.65	7,219.65	38.98	250.31	43.17	1,518.77	-8,426.69	9,542.10	9,258.69	283.41	33.668			
7,600.00	7,209.45	7,235.45	7,235.45	39.43	250.87	48.80	1,518.77	-8,426.69	9,497.00	9,213.03	283.96	33.444			
7,650.00	7,221.52	7,247.52	7,247.52	39.91	251.29	56.47	1,518.77	-8,426.69	9,450.70	9,166.31	284.39	33.231			
7,700.00	7,229.79	7,255.79	7,255.79	40.42	251.58	66.81	1,518.77	-8,426.69	9,403.51	9,118.81	284.70	33.030			
7,750.00	7,234.21	7,260.21	7,260.21	40.97	251.73	80.15	1,518.77	-8,426.69	9,355.70	9,070.83	284.88	32.841			
7,780.56	7,235.00	7,261.00	7,261.00	41.32	251.76	89.56	1,518.77	-8,426.69	9,326.31	9,041.38	284.93	32.732			
7,800.00	7,235.04	7,261.04	7,261.04	41.54	251.76	89.56	1,518.77	-8,426.69	9,307.59	9,022.64	284.95	32.664			
7,900.00	7,235.26	7,261.26	7,261.26	42.82	251.77	89.57	1,518.77	-8,426.69	9,211.33	8,926.28	285.05	32.315			
8,000.00	7,235.47	7,261.47	7,261.47	44.25	251.77	89.57	1,518.77	-8,426.69	9,115.15	8,829.98	285.18	31.963			
8,100.00	7,235.68	7,261.68	7,261.68	45.82	251.78	89.58	1,518.77	-8,426.69	9,019.06	8,733.73	285.33	31.609			
8,200.00	7,235.90	7,261.90	7,261.90	47.52	251.79	89.58	1,518.77	-8,426.69	8,923.05	8,637.54	285.51	31.253			
8,300.00	7,236.11	7,262.11	7,262.11	49.34	251.80	89.59	1,518.77	-8,426.69	8,827.13	8,541.42	285.72	30.894			
8,400.00	7,236.32	7,262.32	7,262.32	51.25	251.80	89.59	1,518.77	-8,426.69	8,731.31	8,445.35	285.96	30.534			
8,500.00	7,236.54	7,262.54	7,262.54	53.26	251.81	89.60	1,518.77	-8,426.69	8,635.58	8,349.35	286.22	30.171			
8,600.00	7,236.75	7,262.75	7,262.75	55.34	251.82	89.60	1,518.77	-8,426.69	8,539.94	8,253.42	286.52	29.806			
8,700.00	7,236.96	7,262.96	7,262.96	57.50	251.83	89.61	1,518.77	-8,426.69	8,444.41	8,157.56	286.85	29.438			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - CARLSON #10-1(PA) - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,800.00	7,237.17	7,263.17	7,263.17	59.71	251.83	89.61	1,518.77	-8,426.69	8,348.98	8,061.76	287.22	29.069			
8,900.00	7,237.39	7,263.39	7,263.39	61.98	251.84	89.62	1,518.77	-8,426.69	8,253.66	7,966.04	287.62	28.697			
9,000.00	7,237.60	7,263.60	7,263.60	64.29	251.85	89.62	1,518.77	-8,426.69	8,158.45	7,870.40	288.05	28.323			
9,100.00	7,237.81	7,263.81	7,263.81	66.65	251.86	89.63	1,518.77	-8,426.69	8,063.36	7,774.83	288.53	27.947			
9,200.00	7,238.03	7,264.03	7,264.03	69.05	251.86	89.63	1,518.77	-8,426.69	7,968.39	7,679.35	289.04	27.569			
9,300.00	7,238.24	7,264.24	7,264.24	71.48	251.87	89.64	1,518.77	-8,426.69	7,873.54	7,583.95	289.59	27.189			
9,400.00	7,238.45	7,264.45	7,264.45	73.95	251.88	89.64	1,518.77	-8,426.69	7,778.82	7,488.64	290.18	26.807			
9,500.00	7,238.67	7,264.67	7,264.67	76.44	251.89	89.65	1,518.77	-8,426.69	7,684.24	7,393.42	290.81	26.423			
9,600.00	7,238.88	7,264.88	7,264.88	78.96	251.89	89.65	1,518.77	-8,426.69	7,589.79	7,298.30	291.49	26.038			
9,700.00	7,239.09	7,265.09	7,265.09	81.50	251.90	89.66	1,518.77	-8,426.69	7,495.49	7,203.28	292.21	25.651			
9,800.00	7,239.30	7,265.30	7,265.30	84.06	251.91	89.66	1,518.77	-8,426.69	7,401.34	7,108.36	292.97	25.263			
9,900.00	7,239.52	7,265.52	7,265.52	86.64	251.92	89.67	1,518.77	-8,426.69	7,307.34	7,013.55	293.78	24.873			
10,000.00	7,239.73	7,265.73	7,265.73	89.23	251.92	89.67	1,518.77	-8,426.69	7,213.50	6,918.86	294.64	24.482			
10,100.00	7,239.94	7,265.94	7,265.94	91.85	251.93	89.68	1,518.77	-8,426.69	7,119.84	6,824.29	295.55	24.090			
10,200.00	7,240.16	7,266.16	7,266.16	94.47	251.94	89.68	1,518.77	-8,426.69	7,026.34	6,729.84	296.51	23.697			
10,300.00	7,240.37	7,266.37	7,266.37	97.11	251.95	89.69	1,518.77	-8,426.69	6,933.03	6,635.52	297.51	23.303			
10,400.00	7,240.58	7,266.58	7,266.58	99.76	251.95	89.69	1,518.77	-8,426.69	6,839.91	6,541.33	298.57	22.909			
10,500.00	7,240.80	7,266.80	7,266.80	102.43	251.96	89.70	1,518.77	-8,426.69	6,746.98	6,447.30	299.69	22.514			
10,600.00	7,241.01	7,267.01	7,267.01	105.10	251.97	89.70	1,518.77	-8,426.69	6,654.26	6,353.41	300.85	22.118			
10,700.00	7,241.22	7,267.22	7,267.22	107.79	251.98	89.71	1,518.77	-8,426.69	6,561.75	6,259.68	302.08	21.722			
10,800.00	7,241.43	7,267.43	7,267.43	110.48	251.98	89.71	1,518.77	-8,426.69	6,469.47	6,166.12	303.36	21.326			
10,900.00	7,241.65	7,267.65	7,267.65	113.18	251.99	89.71	1,518.77	-8,426.69	6,377.42	6,072.73	304.69	20.931			
11,000.00	7,241.86	7,267.86	7,267.86	115.89	252.00	89.72	1,518.77	-8,426.69	6,285.61	5,979.52	306.09	20.535			
11,100.00	7,242.07	7,268.07	7,268.07	118.60	252.00	89.72	1,518.77	-8,426.69	6,194.06	5,886.50	307.55	20.140			
11,200.00	7,242.29	7,268.29	7,268.29	121.32	252.01	89.73	1,518.77	-8,426.69	6,102.77	5,793.69	309.08	19.745			
11,300.00	7,242.50	7,268.50	7,268.50	124.05	252.02	89.73	1,518.77	-8,426.69	6,011.75	5,701.09	310.67	19.351			
11,400.00	7,242.71	7,268.71	7,268.71	126.78	252.03	89.74	1,518.77	-8,426.69	5,921.03	5,608.71	312.32	18.958			
11,500.00	7,242.93	7,268.93	7,268.93	129.52	252.03	89.74	1,518.77	-8,426.69	5,830.61	5,516.57	314.05	18.566			
11,600.00	7,243.14	7,269.14	7,269.14	132.27	252.04	89.75	1,518.77	-8,426.69	5,740.51	5,424.67	315.84	18.175			
11,700.00	7,243.35	7,269.35	7,269.35	135.02	252.05	89.75	1,518.77	-8,426.69	5,650.74	5,333.03	317.71	17.786			
11,800.00	7,243.57	7,269.57	7,269.57	137.77	252.06	89.76	1,518.77	-8,426.69	5,561.32	5,241.67	319.66	17.398			
11,900.00	7,243.78	7,269.78	7,269.78	140.53	252.06	89.76	1,518.77	-8,426.69	5,472.27	5,150.59	321.68	17.012			
12,000.00	7,243.99	7,269.99	7,269.99	143.29	252.07	89.77	1,518.77	-8,426.69	5,383.60	5,059.82	323.78	16.627			
12,100.00	7,244.20	7,270.20	7,270.20	146.05	252.08	89.77	1,518.77	-8,426.69	5,295.34	4,969.38	325.96	16.245			
12,200.00	7,244.42	7,270.42	7,270.42	148.82	252.09	89.78	1,518.77	-8,426.69	5,207.50	4,879.27	328.23	15.865			
12,300.00	7,244.63	7,270.63	7,270.63	151.60	252.09	89.78	1,518.77	-8,426.69	5,120.10	4,789.51	330.59	15.488			
12,400.00	7,244.84	7,270.84	7,270.84	154.37	252.10	89.79	1,518.77	-8,426.69	5,033.18	4,700.14	333.04	15.113			
12,500.00	7,245.06	7,271.06	7,271.06	157.15	252.11	89.79	1,518.77	-8,426.69	4,946.75	4,611.17	335.58	14.741			
12,600.00	7,245.27	7,271.27	7,271.27	159.93	252.12	89.80	1,518.77	-8,426.69	4,860.84	4,522.62	338.22	14.372			
12,700.00	7,245.48	7,271.48	7,271.48	162.71	252.12	89.80	1,518.77	-8,426.69	4,775.48	4,434.52	340.96	14.006			
12,800.00	7,245.70	7,271.70	7,271.70	165.50	252.13	89.81	1,518.77	-8,426.69	4,690.69	4,346.89	343.80	13.644			
12,900.00	7,245.91	7,271.91	7,271.91	168.29	252.14	89.81	1,518.77	-8,426.69	4,606.52	4,259.77	346.75	13.285			
13,000.00	7,246.12	7,272.12	7,272.12	171.08	252.15	89.82	1,518.77	-8,426.69	4,522.99	4,173.18	349.81	12.930			
13,100.00	7,246.33	7,272.33	7,272.33	173.87	252.15	89.82	1,518.77	-8,426.69	4,440.14	4,087.16	352.99	12.579			
13,200.00	7,246.55	7,272.55	7,272.55	176.67	252.16	89.83	1,518.77	-8,426.69	4,358.02	4,001.74	356.28	12.232			
13,300.00	7,246.76	7,272.76	7,272.76	179.47	252.17	89.83	1,518.77	-8,426.69	4,276.65	3,916.96	359.69	11.890			
13,400.00	7,246.97	7,272.97	7,272.97	182.27	252.18	89.84	1,518.77	-8,426.69	4,196.09	3,832.86	363.23	11.552			
13,500.00	7,247.19	7,273.19	7,273.19	185.07	252.18	89.84	1,518.77	-8,426.69	4,116.38	3,749.49	366.89	11.220			
13,600.00	7,247.40	7,273.40	7,273.40	187.87	252.19	89.85	1,518.77	-8,426.69	4,037.58	3,666.89	370.69	10.892			
13,700.00	7,247.61	7,273.61	7,273.61	190.68	252.20	89.85	1,518.77	-8,426.69	3,959.73	3,585.11	374.61	10.570			
13,800.00	7,247.83	7,273.83	7,273.83	193.48	252.21	89.86	1,518.77	-8,426.69	3,882.89	3,504.21	378.68	10.254			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - CARLSON #10-1(PA) - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.04	7,274.04	7,274.04	196.29	252.21	89.86	1,518.77	-8,426.69	3,807.14	3,424.25	382.89	9.943		
14,000.00	7,248.25	7,274.25	7,274.25	199.10	252.22	89.87	1,518.77	-8,426.69	3,732.52	3,345.29	387.23	9.639		
14,100.00	7,248.46	7,274.46	7,274.46	201.91	252.23	89.87	1,518.77	-8,426.69	3,659.12	3,267.40	391.72	9.341		
14,200.00	7,248.68	7,274.68	7,274.68	204.72	252.24	89.88	1,518.77	-8,426.69	3,587.00	3,190.65	396.35	9.050		
14,300.00	7,248.89	7,274.89	7,274.89	207.53	252.24	89.88	1,518.77	-8,426.69	3,516.25	3,115.12	401.13	8.766		
14,400.00	7,249.10	7,275.10	7,275.10	210.35	252.25	89.89	1,518.77	-8,426.69	3,446.94	3,040.89	406.05	8.489		
14,500.00	7,249.32	7,275.32	7,275.32	213.16	252.26	89.89	1,518.77	-8,426.69	3,379.18	2,968.07	411.11	8.220		
14,600.00	7,249.53	7,275.53	7,275.53	215.98	252.27	89.89	1,518.77	-8,426.69	3,313.05	2,896.74	416.31	7.958		
14,700.00	7,249.74	7,275.74	7,275.74	218.80	252.27	89.90	1,518.77	-8,426.69	3,248.65	2,827.01	421.64	7.705		
14,800.00	7,249.96	7,275.96	7,275.96	221.62	252.28	89.90	1,518.77	-8,426.69	3,186.08	2,758.99	427.09	7.460		
14,900.00	7,250.17	7,276.17	7,276.17	224.44	252.29	89.91	1,518.77	-8,426.69	3,125.47	2,692.81	432.66	7.224		
15,000.00	7,250.38	7,276.38	7,276.38	227.26	252.29	89.91	1,518.77	-8,426.69	3,066.92	2,628.58	438.34	6.997		
15,100.00	7,250.59	7,276.59	7,276.59	230.08	252.30	89.92	1,518.77	-8,426.69	3,010.55	2,566.44	444.11	6.779		
15,200.00	7,250.81	7,276.81	7,276.81	232.90	252.31	89.92	1,518.77	-8,426.69	2,956.49	2,506.54	449.95	6.571		
15,300.00	7,251.02	7,277.02	7,277.02	235.72	252.32	89.93	1,518.77	-8,426.69	2,904.87	2,449.01	455.85	6.372		
15,400.00	7,251.23	7,277.23	7,277.23	238.55	252.32	89.93	1,518.77	-8,426.69	2,855.81	2,394.02	461.79	6.184		
15,500.00	7,251.45	7,277.45	7,277.45	241.37	252.33	89.94	1,518.77	-8,426.69	2,809.47	2,341.73	467.74	6.007		
15,600.00	7,251.66	7,277.66	7,277.66	244.20	252.34	89.94	1,518.77	-8,426.69	2,765.96	2,292.30	473.66	5.840		
15,700.00	7,251.87	7,277.87	7,277.87	247.03	252.35	89.95	1,518.77	-8,426.69	2,725.43	2,245.88	479.54	5.683		
15,800.00	7,252.09	7,278.09	7,278.09	249.85	252.35	89.95	1,518.77	-8,426.69	2,688.00	2,202.67	485.34	5.538		
15,900.00	7,252.30	7,278.30	7,278.30	252.68	252.36	89.96	1,518.77	-8,426.69	2,653.83	2,162.81	491.01	5.405		
16,000.00	7,252.51	7,278.51	7,278.51	255.51	252.37	89.96	1,518.77	-8,426.69	2,623.02	2,126.48	496.53	5.283		
16,100.00	7,252.72	7,278.72	7,278.72	258.34	252.38	89.97	1,518.77	-8,426.69	2,595.70	2,093.84	501.86	5.172		
16,200.00	7,252.94	7,278.94	7,278.94	261.17	252.38	89.97	1,518.77	-8,426.69	2,571.98	2,065.03	506.95	5.073		
16,300.00	7,253.15	7,279.15	7,279.15	264.00	252.39	89.98	1,518.77	-8,426.69	2,551.96	2,040.19	511.77	4.987		
16,400.00	7,253.36	7,279.36	7,279.36	266.83	252.40	89.98	1,518.77	-8,426.69	2,535.73	2,019.45	516.27	4.912		
16,500.00	7,253.58	7,279.58	7,279.58	269.66	252.41	89.99	1,518.77	-8,426.69	2,523.36	2,002.92	520.44	4.849		
16,600.00	7,253.79	7,279.79	7,279.79	272.50	252.41	89.99	1,518.77	-8,426.69	2,514.91	1,990.68	524.23	4.797		
16,700.00	7,254.00	7,280.00	7,280.00	275.33	252.42	90.00	1,518.77	-8,426.69	2,510.41	1,982.80	527.61	4.758		
16,762.88	7,254.14	7,280.14	7,280.14	277.11	252.43	90.00	1,518.77	-8,426.69	2,509.63	1,980.10	529.53	4.739 CC		
16,800.00	7,254.22	7,280.22	7,280.22	278.16	252.43	90.00	1,518.77	-8,426.69	2,509.90	1,979.32	530.58	4.730 ES		
16,900.00	7,254.43	7,280.43	7,280.43	281.00	252.44	90.01	1,518.77	-8,426.69	2,513.37	1,980.26	533.11	4.715		
17,000.00	7,254.64	7,280.64	7,280.64	283.83	252.44	90.01	1,518.77	-8,426.69	2,520.80	1,985.60	535.20	4.710 SF		
17,100.00	7,254.85	7,280.85	7,280.85	286.67	252.45	90.02	1,518.77	-8,426.69	2,532.17	1,995.33	536.84	4.717		
17,200.00	7,255.07	7,281.07	7,281.07	289.50	252.46	90.02	1,518.77	-8,426.69	2,547.41	2,009.37	538.04	4.735		
17,300.00	7,255.28	7,281.28	7,281.28	292.34	252.47	90.03	1,518.77	-8,426.69	2,566.46	2,027.65	538.81	4.763		
17,400.00	7,255.49	7,281.49	7,281.49	295.17	252.47	90.03	1,518.77	-8,426.69	2,589.24	2,050.08	539.16	4.802		
17,500.00	7,255.71	7,281.71	7,281.71	298.01	252.48	90.04	1,518.77	-8,426.69	2,615.64	2,076.53	539.11	4.852		
17,600.00	7,255.92	7,281.92	7,281.92	300.85	252.49	90.04	1,518.77	-8,426.69	2,645.56	2,106.87	538.69	4.911		
17,700.00	7,256.13	7,282.13	7,282.13	303.68	252.50	90.05	1,518.77	-8,426.69	2,678.88	2,140.96	537.92	4.980		
17,800.00	7,256.35	7,282.35	7,282.35	306.52	252.50	90.05	1,518.77	-8,426.69	2,715.48	2,178.64	536.84	5.058		
17,900.00	7,256.56	7,282.56	7,282.56	309.36	252.51	90.06	1,518.77	-8,426.69	2,755.22	2,219.76	535.47	5.145		
18,000.00	7,256.77	7,282.77	7,282.77	312.20	252.52	90.06	1,518.77	-8,426.69	2,797.98	2,264.14	533.84	5.241		
18,100.00	7,256.98	7,282.98	7,282.98	315.04	252.53	90.07	1,518.77	-8,426.69	2,843.61	2,311.63	531.98	5.345		
18,200.00	7,257.20	7,283.20	7,283.20	317.88	252.53	90.07	1,518.77	-8,426.69	2,891.98	2,362.05	529.93	5.457		
18,300.00	7,257.41	7,283.41	7,283.41	320.72	252.54	90.07	1,518.77	-8,426.69	2,942.95	2,415.25	527.70	5.577		
18,400.00	7,257.62	7,283.62	7,283.62	323.56	252.55	90.08	1,518.77	-8,426.69	2,996.39	2,471.06	525.33	5.704		
18,500.00	7,257.84	7,283.84	7,283.84	326.40	252.56	90.08	1,518.77	-8,426.69	3,052.18	2,529.33	522.85	5.838		
18,600.00	7,258.05	7,284.05	7,284.05	329.24	252.56	90.09	1,518.77	-8,426.69	3,110.18	2,589.92	520.26	5.978		
18,700.00	7,258.26	7,284.26	7,284.26	332.08	252.57	90.09	1,518.77	-8,426.69	3,170.27	2,652.67	517.60	6.125		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - CARLSON #10-1(PA) - OH - OH													<b>Offset Site Error:</b>	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,800.00	7,258.48	7,284.48	7,284.48	334.92	252.58	90.10	1,518.77	-8,426.69	3,232.34	2,717.45	514.89	6.278		
18,900.00	7,258.69	7,284.69	7,284.69	337.76	252.58	90.10	1,518.77	-8,426.69	3,296.28	2,784.15	512.14	6.436		
19,000.00	7,258.90	7,284.90	7,284.90	340.60	252.59	90.11	1,518.77	-8,426.69	3,361.98	2,852.62	509.36	6.600		
19,046.19	7,259.00	7,285.00	7,285.00	341.92	252.60	90.11	1,518.77	-8,426.69	3,392.89	2,884.82	508.07	6.678		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - CARLSON #14-1(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-GYRO-NS														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-167.07	-2,696.22	-618.84	2,766.34					
100.00	100.00	83.41	83.41	3.28	3.28	-167.07	-2,696.33	-618.85	2,766.45	2,759.88	6.57	421.098		
200.00	200.00	188.43	188.43	3.34	3.33	-167.08	-2,696.60	-618.76	2,766.68	2,760.01	6.67	414.780		
300.00	300.00	282.41	282.41	3.44	3.43	-167.08	-2,696.80	-618.60	2,766.85	2,759.98	6.87	402.590		
400.00	399.98	381.80	381.80	3.60	3.57	67.96	-2,697.13	-618.68	2,766.54	2,759.37	7.17	385.737		
500.00	499.84	484.35	484.34	3.79	3.77	68.10	-2,697.40	-618.87	2,764.87	2,757.31	7.56	365.654		
600.00	599.45	582.96	582.96	4.03	4.00	68.32	-2,697.62	-618.95	2,761.87	2,753.85	8.02	344.291		
700.00	698.70	693.76	693.76	4.30	4.29	68.66	-2,697.75	-618.88	2,757.47	2,748.89	8.58	321.293		
800.00	797.47	784.84	784.83	4.61	4.54	69.04	-2,697.73	-618.84	2,751.74	2,742.59	9.15	300.772		
900.00	895.62	879.39	879.39	4.95	4.83	69.52	-2,697.89	-619.06	2,745.09	2,735.32	9.78	280.739		
1,000.00	993.06	992.59	992.59	5.33	5.20	70.17	-2,697.92	-619.09	2,737.21	2,726.69	10.52	260.279		
1,100.00	1,090.08	1,080.24	1,080.24	5.74	5.49	70.59	-2,697.78	-619.02	2,728.69	2,717.48	11.21	243.359		
1,200.00	1,187.11	1,174.72	1,174.71	6.17	5.82	71.05	-2,697.87	-619.10	2,720.64	2,708.68	11.96	227.412		
1,300.00	1,284.14	1,269.86	1,269.86	6.61	6.16	71.51	-2,698.01	-619.13	2,712.82	2,700.08	12.74	212.879		
1,400.00	1,381.17	1,368.36	1,368.35	7.07	6.53	71.99	-2,698.22	-619.10	2,705.23	2,691.68	13.56	199.542		
1,500.00	1,478.20	1,466.08	1,466.08	7.55	6.89	72.47	-2,698.37	-618.98	2,697.76	2,683.37	14.39	187.520		
1,600.00	1,575.23	1,564.66	1,564.66	8.03	7.27	72.95	-2,698.50	-618.88	2,690.47	2,675.24	15.23	176.605		
1,700.00	1,672.26	1,660.78	1,660.77	8.52	7.63	73.42	-2,698.63	-618.64	2,683.33	2,667.25	16.09	166.813		
1,800.00	1,769.29	1,757.90	1,757.89	9.01	8.01	73.90	-2,698.71	-618.76	2,676.45	2,659.50	16.95	157.882		
1,900.00	1,866.32	1,861.33	1,861.32	9.51	8.42	74.42	-2,698.77	-618.59	2,669.66	2,651.81	17.85	149.547		
2,000.00	1,963.35	1,952.77	1,952.76	10.02	8.78	74.88	-2,698.60	-618.64	2,662.93	2,644.22	18.71	142.298		
2,100.00	2,060.38	2,042.50	2,042.49	10.53	9.13	75.34	-2,698.77	-618.91	2,656.81	2,637.23	19.58	135.709		
2,200.00	2,157.41	2,145.02	2,145.02	11.04	9.54	75.86	-2,698.91	-619.33	2,650.90	2,630.40	20.50	129.330		
2,300.00	2,254.44	2,248.05	2,248.05	11.56	9.96	76.39	-2,698.74	-619.68	2,644.90	2,623.48	21.42	123.455		
2,400.00	2,351.47	2,349.96	2,349.95	12.07	10.37	76.92	-2,698.51	-619.86	2,639.00	2,616.65	22.35	118.072		
2,500.00	2,448.50	2,451.09	2,451.08	12.59	10.78	77.44	-2,698.14	-619.67	2,633.06	2,609.78	23.28	113.110		
2,600.00	2,545.53	2,548.30	2,548.29	13.12	11.17	77.94	-2,697.77	-619.45	2,627.30	2,603.10	24.20	108.585		
2,700.00	2,642.56	2,643.94	2,643.93	13.64	11.56	78.43	-2,697.39	-619.25	2,621.75	2,596.63	25.11	104.408		
2,800.00	2,739.59	2,735.79	2,735.78	14.17	11.94	78.91	-2,697.24	-618.88	2,616.53	2,590.52	26.01	100.582		
2,900.00	2,836.62	2,829.30	2,829.29	14.69	12.32	79.39	-2,697.26	-618.64	2,611.76	2,584.83	26.93	96.993		
3,000.00	2,933.65	2,930.05	2,930.03	15.22	12.74	79.92	-2,697.06	-618.73	2,607.13	2,579.25	27.87	93.540		
3,100.00	3,030.68	3,025.81	3,025.80	15.75	13.13	80.43	-2,696.75	-618.90	2,602.66	2,573.86	28.80	90.373		
3,200.00	3,127.71	3,116.35	3,116.33	16.28	13.51	80.90	-2,696.73	-618.88	2,598.59	2,568.88	29.71	87.471		
3,300.00	3,224.74	3,208.23	3,208.22	16.82	13.89	81.39	-2,696.87	-619.01	2,594.95	2,564.33	30.62	84.734		
3,400.00	3,321.76	3,303.85	3,303.83	17.35	14.29	81.89	-2,697.19	-619.05	2,591.66	2,560.10	31.56	82.124		
3,500.00	3,418.79	3,399.86	3,399.85	17.88	14.69	82.40	-2,697.63	-618.95	2,588.63	2,556.13	32.49	79.663		
3,600.00	3,515.82	3,493.66	3,493.65	18.42	15.08	82.89	-2,698.13	-618.90	2,585.90	2,552.47	33.42	77.367		
3,700.00	3,612.85	3,586.56	3,586.54	18.95	15.47	83.38	-2,698.75	-618.90	2,583.52	2,549.17	34.35	75.211		
3,800.00	3,709.88	3,681.37	3,681.35	19.49	15.86	83.88	-2,699.49	-618.97	2,581.50	2,546.21	35.29	73.159		
3,900.00	3,806.91	3,780.20	3,780.17	20.02	16.28	84.40	-2,700.28	-619.04	2,579.71	2,543.47	36.24	71.184		
4,000.00	3,903.94	3,878.60	3,878.58	20.56	16.69	84.92	-2,701.02	-619.05	2,578.06	2,540.87	37.19	69.316		
4,100.00	4,000.97	3,971.50	3,971.47	21.09	17.08	85.41	-2,701.79	-618.99	2,576.68	2,538.55	38.12	67.587		
4,200.00	4,098.00	4,066.26	4,066.23	21.63	17.48	85.90	-2,702.74	-619.00	2,575.67	2,536.61	39.06	65.936		
4,300.00	4,195.03	4,164.25	4,164.21	22.17	17.89	86.42	-2,703.80	-618.90	2,574.91	2,534.89	40.02	64.345		
4,400.00	4,292.06	4,259.63	4,259.58	22.71	18.29	86.91	-2,704.93	-618.63	2,574.34	2,533.38	40.96	62.850		
4,500.00	4,389.09	4,358.72	4,358.66	23.25	18.71	87.43	-2,706.09	-618.49	2,574.05	2,532.13	41.92	61.404		
4,600.00	4,486.12	4,455.13	4,455.07	23.78	19.12	87.94	-2,706.96	-618.55	2,573.86	2,530.99	42.87	60.040		
4,603.24	4,489.27	4,458.10	4,458.04	23.80	19.13	87.95	-2,706.98	-618.56	2,573.86	2,530.96	42.90	59.998		
4,700.00	4,583.15	4,550.84	4,550.77	24.32	19.52	88.46	-2,707.63	-619.14	2,574.03	2,530.21	43.82	58.747		
4,800.00	4,680.18	4,649.50	4,649.43	24.86	19.94	88.99	-2,708.32	-619.64	2,574.36	2,529.59	44.77	57.496		
4,900.00	4,777.21	4,751.49	4,751.42	25.40	20.37	89.53	-2,709.13	-619.88	2,574.86	2,529.11	45.75	56.282		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - CARLSON #14-1(PR) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,874.24	4,853.06	4,852.98	25.94	20.80	90.06	-2,710.05	-619.49	2,575.30	2,528.58	46.72	55.120		
5,100.00	4,971.27	4,951.94	4,951.86	26.48	21.22	90.57	-2,710.94	-619.02	2,575.91	2,528.23	47.68	54.023		
5,200.00	5,068.30	5,052.58	5,052.50	27.02	21.64	91.10	-2,711.61	-618.67	2,576.62	2,527.97	48.65	52.962		
5,300.00	5,165.33	5,150.06	5,149.97	27.56	22.06	91.61	-2,712.06	-618.42	2,577.44	2,527.84	49.61	51.959		
5,400.00	5,262.36	5,246.28	5,246.19	28.10	22.47	92.12	-2,712.48	-618.31	2,578.54	2,527.99	50.55	51.005		
5,500.00	5,359.39	5,344.66	5,344.58	28.64	22.88	92.65	-2,712.84	-618.25	2,579.84	2,528.33	51.51	50.081		
5,600.00	5,456.42	5,440.54	5,440.46	29.18	23.29	93.16	-2,713.13	-618.23	2,581.33	2,528.87	52.46	49.205		
5,700.00	5,553.45	5,534.56	5,534.47	29.72	23.69	93.66	-2,713.50	-618.28	2,583.17	2,529.77	53.40	48.373		
5,800.00	5,650.47	5,630.49	5,630.40	30.27	24.10	94.17	-2,713.88	-618.42	2,585.28	2,530.93	54.35	47.569		
5,900.00	5,747.50	5,724.38	5,724.29	30.81	24.49	94.67	-2,714.22	-618.73	2,587.70	2,532.41	55.29	46.805		
6,000.00	5,844.53	5,819.05	5,818.96	31.35	24.90	95.18	-2,714.54	-619.24	2,590.46	2,534.24	56.23	46.071		
6,100.00	5,941.56	5,916.73	5,916.63	31.89	25.31	95.71	-2,714.72	-619.96	2,593.47	2,536.28	57.18	45.355		
6,200.00	6,038.59	6,011.68	6,011.58	32.43	25.71	96.23	-2,714.61	-621.01	2,596.72	2,538.60	58.12	44.677		
6,300.00	6,135.62	6,104.01	6,103.90	32.97	26.10	96.74	-2,714.44	-622.29	2,600.35	2,541.30	59.05	44.036		
6,400.00	6,232.65	6,202.75	6,202.63	33.51	26.52	97.29	-2,714.16	-623.83	2,604.26	2,544.25	60.01	43.399		
6,500.00	6,329.68	6,301.48	6,301.34	34.06	26.94	97.85	-2,713.72	-625.43	2,608.34	2,547.38	60.96	42.785		
6,600.00	6,426.71	6,393.60	6,393.45	34.60	27.33	98.36	-2,713.27	-627.03	2,612.71	2,550.82	61.89	42.216		
6,655.36	6,480.43	6,446.38	6,446.22	34.90	27.55	98.66	-2,713.00	-628.03	2,615.30	2,552.89	62.41	41.906		
6,700.00	6,524.01	6,489.42	6,489.25	35.13	27.74	98.75	-2,712.77	-628.87	2,616.33	2,553.52	62.82	41.649		
6,750.00	6,573.29	6,541.45	6,541.27	35.36	27.96	99.00	-2,712.48	-629.87	2,614.89	2,551.62	63.27	41.330		
6,800.00	6,622.76	6,594.68	6,594.49	35.56	28.18	99.30	-2,712.14	-630.83	2,610.62	2,546.93	63.69	40.987		
6,850.00	6,672.13	6,647.03	6,646.83	35.73	28.41	99.60	-2,711.78	-631.70	2,603.54	2,539.45	64.09	40.625		
6,900.00	6,721.08	6,696.90	6,696.70	35.88	28.63	99.90	-2,711.43	-632.47	2,593.69	2,529.23	64.46	40.236		
6,950.00	6,769.31	6,753.74	6,753.53	36.03	28.86	100.00	-2,711.00	-633.21	2,581.09	2,516.25	64.85	39.804		
7,000.00	6,816.53	6,807.62	6,807.41	36.18	29.09	100.00	-2,710.46	-633.87	2,565.80	2,500.58	65.22	39.339		
7,050.00	6,862.44	6,860.83	6,860.60	36.34	29.31	100.00	-2,709.75	-634.49	2,547.93	2,482.33	65.60	38.841		
7,100.00	6,906.77	6,912.18	6,911.95	36.50	29.53	100.00	-2,708.88	-635.07	2,527.62	2,461.65	65.97	38.312		
7,150.00	6,949.23	6,951.98	6,951.73	36.68	29.70	100.00	-2,708.09	-635.62	2,505.14	2,438.84	66.31	37.782		
7,200.00	6,989.58	6,991.77	6,991.50	36.87	29.87	100.00	-2,707.20	-636.29	2,480.70	2,414.05	66.65	37.220		
7,250.00	7,027.55	7,032.00	7,031.72	37.09	30.04	100.00	-2,706.19	-637.09	2,454.47	2,387.46	67.01	36.628		
7,300.00	7,062.91	7,070.36	7,070.05	37.32	30.20	100.00	-2,705.10	-637.92	2,426.66	2,359.28	67.38	36.014		
7,350.00	7,095.45	7,105.90	7,105.56	37.59	30.35	100.00	-2,703.98	-638.77	2,397.49	2,329.73	67.76	35.382		
7,400.00	7,124.97	7,135.85	7,135.48	37.88	30.48	100.00	-2,703.01	-639.50	2,367.26	2,299.11	68.14	34.739		
7,450.00	7,151.28	7,163.04	7,162.65	38.21	30.60	100.00	-2,702.13	-640.16	2,336.23	2,267.69	68.54	34.084		
7,500.00	7,174.22	7,186.92	7,186.52	38.58	30.71	100.00	-2,701.35	-640.74	2,304.68	2,235.73	68.96	33.422		
7,550.00	7,193.65	7,207.36	7,206.94	38.98	30.79	100.00	-2,700.69	-641.24	2,272.90	2,203.51	69.39	32.756		
7,600.00	7,209.45	7,224.22	7,223.79	39.43	30.87	100.00	-2,700.14	-641.65	2,241.18	2,171.33	69.84	32.089		
7,650.00	7,221.52	7,237.41	7,236.96	39.91	30.93	100.00	-2,699.71	-641.97	2,209.79	2,139.47	70.31	31.427		
7,700.00	7,229.79	7,246.83	7,246.37	40.42	30.97	100.00	-2,699.40	-642.20	2,179.01	2,108.21	70.81	30.774		
7,750.00	7,234.21	7,252.43	7,251.97	40.97	30.99	100.00	-2,699.22	-642.34	2,149.13	2,077.81	71.32	30.135		
7,780.56	7,235.00	7,253.96	7,253.50	41.32	31.00	100.00	-2,699.17	-642.38	2,131.41	2,059.77	71.64	29.753		
7,800.00	7,235.04	7,254.47	7,254.01	41.54	31.00	100.00	-2,699.16	-642.39	2,120.35	2,048.50	71.84	29.513		
7,900.00	7,235.26	7,257.11	7,256.64	42.82	31.01	100.00	-2,699.07	-642.45	2,065.39	1,992.36	73.03	28.280		
8,000.00	7,235.47	7,259.74	7,259.28	44.25	31.02	100.00	-2,698.98	-642.52	2,013.90	1,939.49	74.41	27.065		
8,100.00	7,235.68	7,262.38	7,261.91	45.82	31.04	100.00	-2,698.90	-642.58	1,966.14	1,890.17	75.97	25.879		
8,200.00	7,235.90	7,265.02	7,264.55	47.52	31.05	100.00	-2,698.81	-642.65	1,922.40	1,844.69	77.72	24.736		
8,300.00	7,236.11	7,267.65	7,267.18	49.34	31.06	100.00	-2,698.73	-642.71	1,882.96	1,803.34	79.62	23.649		
8,400.00	7,236.32	7,270.29	7,269.81	51.25	31.07	100.00	-2,698.64	-642.78	1,848.09	1,766.42	81.67	22.630		
8,500.00	7,236.54	7,272.93	7,272.45	53.26	31.08	100.00	-2,698.56	-642.84	1,818.05	1,734.22	83.82	21.689		
8,600.00	7,236.75	7,275.56	7,275.08	55.34	31.09	100.00	-2,698.47	-642.91	1,793.09	1,707.02	86.07	20.834		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,236.96	7,278.20	7,277.72	57.50	31.10	-91.61	-2,698.38	-642.97	1,773.42	1,685.07	88.35	20.072		
8,800.00	7,237.17	7,280.84	7,280.35	59.71	31.12	-91.70	-2,698.30	-643.03	1,759.22	1,668.57	90.64	19.408		
8,900.00	7,237.39	7,283.47	7,282.99	61.98	31.13	-91.78	-2,698.21	-643.10	1,750.62	1,657.71	92.91	18.843		
9,000.00	7,237.60	7,286.11	7,285.62	64.29	31.14	-91.87	-2,698.13	-643.16	1,747.71	1,652.61	95.10	18.377		
9,000.99	7,237.60	7,286.13	7,285.65	64.32	31.14	-91.87	-2,698.13	-643.16	1,747.71	1,652.58	95.12	18.373 CC, ES		
9,100.00	7,237.81	7,288.75	7,288.26	66.65	31.15	-91.96	-2,698.04	-643.23	1,750.51	1,653.31	97.19	18.010		
9,200.00	7,238.03	7,291.38	7,290.89	69.05	31.16	-92.04	-2,697.96	-643.29	1,758.99	1,659.84	99.16	17.740		
9,300.00	7,238.24	7,294.02	7,293.52	71.48	31.17	-92.13	-2,697.87	-643.36	1,773.08	1,672.12	100.96	17.561		
9,400.00	7,238.45	7,296.66	7,296.16	73.95	31.19	-92.22	-2,697.78	-643.42	1,792.65	1,690.04	102.60	17.472		
9,500.00	7,238.67	7,299.29	7,298.79	76.44	31.20	-92.30	-2,697.70	-643.48	1,817.50	1,713.44	104.06	17.465 SF		
9,600.00	7,238.88	7,301.93	7,301.43	78.96	31.21	-92.39	-2,697.61	-643.55	1,847.44	1,742.10	105.34	17.538		
9,700.00	7,239.09	7,304.57	7,304.06	81.50	31.22	-92.47	-2,697.53	-643.61	1,882.22	1,775.78	106.44	17.684		
9,800.00	7,239.30	7,307.20	7,306.70	84.06	31.23	-92.56	-2,697.44	-643.68	1,921.57	1,814.21	107.36	17.898		
9,900.00	7,239.52	7,309.84	7,309.33	86.64	31.24	-92.65	-2,697.36	-643.74	1,965.23	1,857.11	108.13	18.175		
10,000.00	7,239.73	7,312.48	7,311.97	89.23	31.26	-92.73	-2,697.27	-643.81	2,012.91	1,904.17	108.74	18.511		
10,100.00	7,239.94	7,315.11	7,314.60	91.85	31.27	-92.82	-2,697.18	-643.87	2,064.33	1,955.11	109.22	18.901		
10,200.00	7,240.16	7,317.75	7,317.24	94.47	31.28	-92.91	-2,697.10	-643.93	2,119.22	2,009.65	109.57	19.340		
10,300.00	7,240.37	7,320.39	7,319.87	97.11	31.29	-92.99	-2,697.01	-644.00	2,177.32	2,067.49	109.83	19.825		
10,400.00	7,240.58	7,323.02	7,322.50	99.76	31.30	-93.08	-2,696.93	-644.06	2,238.38	2,128.39	109.98	20.352		
10,500.00	7,240.80	7,325.66	7,325.14	102.43	31.31	-93.17	-2,696.84	-644.13	2,302.16	2,192.09	110.06	20.916		
10,600.00	7,241.01	7,328.30	7,327.77	105.10	31.32	-93.25	-2,696.76	-644.19	2,368.44	2,258.37	110.08	21.516		
10,700.00	7,241.22	7,330.93	7,330.41	107.79	31.34	-93.34	-2,696.67	-644.26	2,437.03	2,326.99	110.03	22.148		
10,800.00	7,241.43	7,333.57	7,333.04	110.48	31.35	-93.42	-2,696.58	-644.32	2,507.72	2,397.78	109.94	22.810		
10,900.00	7,241.65	7,336.21	7,335.68	113.18	31.36	-93.51	-2,696.50	-644.39	2,580.35	2,470.54	109.81	23.498		
11,000.00	7,241.86	7,338.84	7,338.31	115.89	31.37	-93.60	-2,696.41	-644.45	2,654.76	2,545.11	109.65	24.211		
11,100.00	7,242.07	7,341.48	7,340.95	118.60	31.38	-93.68	-2,696.33	-644.51	2,730.80	2,621.33	109.46	24.948		
11,200.00	7,242.29	7,344.12	7,343.58	121.32	31.39	-93.77	-2,696.24	-644.58	2,808.34	2,699.08	109.25	25.705		
11,300.00	7,242.50	7,346.75	7,346.21	124.05	31.41	-93.86	-2,696.16	-644.64	2,887.25	2,778.22	109.03	26.481		
11,400.00	7,242.71	7,349.39	7,348.85	126.78	31.42	-93.94	-2,696.07	-644.71	2,967.44	2,858.64	108.80	27.275		
11,500.00	7,242.93	7,352.03	7,351.48	129.52	31.43	-94.03	-2,695.98	-644.77	3,048.80	2,940.24	108.56	28.085		
11,600.00	7,243.14	7,354.66	7,354.12	132.27	31.44	-94.12	-2,695.90	-644.84	3,131.23	3,022.92	108.31	28.911		
11,700.00	7,243.35	7,357.30	7,356.75	135.02	31.45	-94.20	-2,695.81	-644.90	3,214.66	3,106.60	108.06	29.750		
11,800.00	7,243.57	7,359.94	7,359.39	137.77	31.46	-94.29	-2,695.73	-644.96	3,299.01	3,191.21	107.80	30.602		
11,900.00	7,243.78	7,362.57	7,362.02	140.53	31.48	-94.37	-2,695.64	-645.03	3,384.21	3,276.66	107.55	31.466		
12,000.00	7,243.99	7,365.21	7,364.66	143.29	31.49	-94.46	-2,695.56	-645.09	3,470.20	3,362.89	107.30	32.340		
12,100.00	7,244.20	7,367.85	7,367.29	146.05	31.50	-94.55	-2,695.47	-645.16	3,556.91	3,449.86	107.06	33.225		
12,200.00	7,244.42	7,370.48	7,369.93	148.82	31.51	-94.63	-2,695.38	-645.22	3,644.31	3,537.50	106.81	34.119		
12,300.00	7,244.63	7,373.12	7,372.56	151.60	31.52	-94.72	-2,695.30	-645.29	3,732.34	3,625.77	106.57	35.022		
12,400.00	7,244.84	7,375.76	7,375.19	154.37	31.53	-94.80	-2,695.21	-645.35	3,820.95	3,714.62	106.34	35.933		
12,500.00	7,245.06	7,378.39	7,377.83	157.15	31.54	-94.89	-2,695.13	-645.41	3,910.12	3,804.01	106.11	36.851		
12,600.00	7,245.27	7,381.03	7,380.46	159.93	31.56	-94.98	-2,695.04	-645.48	3,999.79	3,893.91	105.88	37.776		
12,700.00	7,245.48	7,383.67	7,383.10	162.71	31.57	-95.06	-2,694.96	-645.54	4,089.94	3,984.28	105.66	38.707		
12,800.00	7,245.70	7,386.30	7,385.73	165.50	31.58	-95.15	-2,694.87	-645.61	4,180.54	4,075.09	105.45	39.645		
12,900.00	7,245.91	7,388.94	7,388.37	168.29	31.59	-95.24	-2,694.78	-645.67	4,271.55	4,166.31	105.24	40.587		
13,000.00	7,246.12	7,391.58	7,391.00	171.08	31.60	-95.32	-2,694.70	-645.74	4,362.96	4,257.92	105.04	41.535		
13,100.00	7,246.33	7,394.21	7,393.64	173.87	31.61	-95.41	-2,694.61	-645.80	4,454.73	4,349.89	104.85	42.488		
13,200.00	7,246.55	7,396.85	7,396.27	176.67	31.63	-95.49	-2,694.53	-645.87	4,546.85	4,442.19	104.66	43.444		
13,300.00	7,246.76	7,399.49	7,398.90	179.47	31.64	-95.58	-2,694.44	-645.93	4,639.30	4,534.82	104.48	44.405		
13,400.00	7,246.97	7,402.12	7,401.54	182.27	31.65	-95.67	-2,694.36	-645.99	4,732.05	4,627.75	104.30	45.370		
13,500.00	7,247.19	7,404.76	7,404.17	185.07	31.66	-95.75	-2,694.27	-646.06	4,825.09	4,720.96	104.13	46.337		
13,600.00	7,247.40	7,407.40	7,406.81	187.87	31.67	-95.84	-2,694.18	-646.12	4,918.40	4,814.43	103.96	47.308		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - CARLSON #14-1(PR) - OH - OH														Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,700.00	7,247.61	7,410.03	7,409.44	190.68	31.68	-95.92	-2,694.10	-646.19	5,011.96	4,908.16	103.81	48.282			
13,800.00	7,247.83	7,412.67	7,412.08	193.48	31.70	-96.01	-2,694.01	-646.25	5,105.77	5,002.12	103.65	49.259			
13,900.00	7,248.04	7,415.31	7,414.71	196.29	31.71	-96.10	-2,693.93	-646.32	5,199.81	5,096.31	103.50	50.238			
14,000.00	7,248.25	7,417.94	7,417.35	199.10	31.72	-96.18	-2,693.84	-646.38	5,294.07	5,190.71	103.36	51.220			
14,100.00	7,248.46	7,420.58	7,419.98	201.91	31.73	-96.27	-2,693.76	-646.44	5,388.53	5,285.31	103.22	52.203			
14,200.00	7,248.68	7,423.22	7,422.62	204.72	31.74	-96.35	-2,693.67	-646.51	5,483.19	5,380.10	103.09	53.188			
14,300.00	7,248.89	7,425.85	7,425.25	207.53	31.75	-96.44	-2,693.58	-646.57	5,578.03	5,475.07	102.96	54.175			
14,400.00	7,249.10	7,428.49	7,427.88	210.35	31.77	-96.53	-2,693.50	-646.64	5,673.05	5,570.21	102.84	55.164			
14,500.00	7,249.32	7,431.13	7,430.52	213.16	31.78	-96.61	-2,693.41	-646.70	5,768.23	5,665.51	102.72	56.154			
14,600.00	7,249.53	7,433.76	7,433.15	215.98	31.79	-96.70	-2,693.33	-646.77	5,863.58	5,760.97	102.61	57.145			
14,700.00	7,249.74	7,436.40	7,435.79	218.80	31.80	-96.78	-2,693.24	-646.83	5,959.07	5,856.57	102.50	58.137			
14,800.00	7,249.96	7,439.04	7,438.42	221.62	31.81	-96.87	-2,693.16	-646.89	6,054.71	5,952.32	102.40	59.130			
14,900.00	7,250.17	7,441.67	7,441.06	224.44	31.82	-96.95	-2,693.07	-646.96	6,150.49	6,048.20	102.30	60.124			
15,000.00	7,250.38	7,444.31	7,443.69	227.26	31.83	-97.04	-2,692.98	-647.02	6,246.40	6,144.20	102.20	61.119			
15,100.00	7,250.59	7,446.95	7,446.33	230.08	31.85	-97.13	-2,692.90	-647.09	6,342.44	6,240.33	102.11	62.115			
15,200.00	7,250.81	7,449.58	7,448.96	232.90	31.86	-97.21	-2,692.81	-647.15	6,438.59	6,336.57	102.02	63.111			
15,300.00	7,251.02	7,452.22	7,451.59	235.72	31.87	-97.30	-2,692.73	-647.22	6,534.86	6,432.92	101.94	64.107			
15,400.00	7,251.23	7,454.86	7,454.23	238.55	31.88	-97.38	-2,692.64	-647.28	6,631.24	6,529.38	101.86	65.104			
15,500.00	7,251.45	7,457.49	7,456.86	241.37	31.89	-97.47	-2,692.56	-647.35	6,727.72	6,625.94	101.78	66.101			
15,600.00	7,251.66	7,460.13	7,459.50	244.20	31.90	-97.55	-2,692.47	-647.41	6,824.30	6,722.59	101.71	67.098			
15,700.00	7,251.87	7,462.77	7,462.13	247.03	31.92	-97.64	-2,692.38	-647.47	6,920.98	6,819.34	101.64	68.095			
15,800.00	7,252.09	7,465.40	7,464.77	249.85	31.93	-97.72	-2,692.30	-647.54	7,017.75	6,916.18	101.57	69.092			
15,900.00	7,252.30	7,468.04	7,467.40	252.68	31.94	-97.81	-2,692.21	-647.60	7,114.61	7,013.10	101.51	70.089			
16,000.00	7,252.51	7,470.68	7,470.04	255.51	31.95	-97.90	-2,692.13	-647.67	7,211.55	7,110.11	101.45	71.086			
16,100.00	7,252.72	7,473.31	7,472.67	258.34	31.96	-97.98	-2,692.04	-647.73	7,308.58	7,207.19	101.39	72.082			
16,200.00	7,252.94	7,475.95	7,475.31	261.17	31.97	-98.07	-2,691.96	-647.80	7,405.68	7,304.34	101.34	73.079			
16,300.00	7,253.15	7,478.59	7,477.94	264.00	31.99	-98.15	-2,691.87	-647.86	7,502.86	7,401.57	101.29	74.075			
16,400.00	7,253.36	7,481.22	7,480.57	266.83	32.00	-98.24	-2,691.78	-647.92	7,600.11	7,498.87	101.24	75.070			
16,500.00	7,253.58	7,483.86	7,483.21	269.66	32.01	-98.32	-2,691.70	-647.99	7,697.43	7,596.24	101.20	76.065			
16,600.00	7,253.79	7,486.50	7,485.84	272.50	32.02	-98.41	-2,691.61	-648.05	7,794.82	7,693.67	101.15	77.059			
16,700.00	7,254.00	7,489.13	7,488.48	275.33	32.03	-98.49	-2,691.53	-648.12	7,892.27	7,791.16	101.11	78.053			
16,800.00	7,254.22	7,491.77	7,491.11	278.16	32.04	-98.58	-2,691.44	-648.18	7,989.79	7,888.71	101.08	79.046			
16,900.00	7,254.43	7,494.41	7,493.75	281.00	32.06	-98.66	-2,691.36	-648.25	8,087.36	7,986.32	101.04	80.039			
17,000.00	7,254.64	7,497.04	7,496.38	283.83	32.07	-98.75	-2,691.27	-648.31	8,184.99	8,083.98	101.01	81.030			
17,100.00	7,254.85	7,499.68	7,499.02	286.67	32.08	-98.83	-2,691.18	-648.37	8,282.68	8,181.70	100.98	82.021			
17,200.00	7,255.07	7,502.32	7,501.65	289.50	32.09	-98.92	-2,691.10	-648.44	8,380.42	8,279.46	100.96	83.011			
17,300.00	7,255.28	7,504.95	7,504.28	292.34	32.10	-99.00	-2,691.01	-648.50	8,478.21	8,377.28	100.93	84.000			
17,400.00	7,255.49	7,507.59	7,506.92	295.17	32.11	-99.09	-2,690.93	-648.57	8,576.06	8,475.15	100.91	84.988			
17,500.00	7,255.71	7,510.23	7,509.55	298.01	32.13	-99.17	-2,690.84	-648.63	8,673.95	8,573.06	100.89	85.975			
17,600.00	7,255.92	7,512.86	7,512.19	300.85	32.14	-99.26	-2,690.76	-648.70	8,771.89	8,671.01	100.87	86.961			
17,700.00	7,256.13	7,515.50	7,514.82	303.68	32.15	-99.34	-2,690.67	-648.76	8,869.87	8,769.01	100.86	87.946			
17,800.00	7,256.35	7,518.14	7,517.46	306.52	32.16	-99.43	-2,690.58	-648.83	8,967.90	8,867.05	100.84	88.930			
17,900.00	7,256.56	7,520.77	7,520.09	309.36	32.17	-99.51	-2,690.50	-648.89	9,065.97	8,965.13	100.83	89.912			
18,000.00	7,256.77	7,523.41	7,522.73	312.20	32.18	-99.60	-2,690.41	-648.95	9,164.08	9,063.25	100.82	90.894			
18,100.00	7,256.98	7,526.05	7,525.36	315.04	32.19	-99.68	-2,690.33	-649.02	9,262.23	9,161.41	100.81	91.874			
18,200.00	7,257.20	7,528.68	7,528.00	317.88	32.21	-99.77	-2,690.24	-649.08	9,360.41	9,259.61	100.81	92.853			
18,300.00	7,257.41	7,531.32	7,530.63	320.72	32.22	-99.85	-2,690.16	-649.15	9,458.64	9,357.83	100.81	93.831			
18,400.00	7,257.62	7,533.96	7,533.26	323.56	32.23	-99.94	-2,690.07	-649.21	9,556.90	9,456.10	100.80	94.807			
18,500.00	7,257.84	7,536.59	7,535.90	326.40	32.24	-100.02	-2,689.98	-649.28	9,655.20	9,554.39	100.80	95.782			
18,600.00	7,258.05	7,539.23	7,538.53	329.24	32.25	-100.11	-2,689.90	-649.34	9,753.53	9,652.72	100.81	96.755			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - CARLSON #14-1(PR) - OH - OH													<b>Offset Site Error:</b>	0.00 ft
Survey Program: 100-GYRO-NS													<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,700.00	7,258.26	7,541.87	7,541.17	332.08	32.26	-100.19	-2,689.81	-649.40	9,851.89	9,751.08	100.81	97.728		
18,800.00	7,258.48	7,544.50	7,543.80	334.92	32.28	-100.28	-2,689.73	-649.47	9,950.29	9,849.47	100.82	98.698		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - CARLSON #14-2(SI) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-155.10	-3,765.77	-1,748.39	4,152.04					
100.00	100.00	60.00	60.00	3.28	3.44	-155.10	-3,765.77	-1,748.39	4,151.85	4,145.12	6.73	617.113		
200.00	200.00	160.00	160.00	3.34	5.05	-155.10	-3,765.77	-1,748.39	4,151.85	4,143.46	8.39	495.019		
300.00	300.00	260.00	260.00	3.44	8.03	-155.10	-3,765.77	-1,748.39	4,151.85	4,140.38	11.48	361.776		
400.00	399.98	359.98	359.98	3.60	11.31	79.93	-3,765.77	-1,748.39	4,151.55	4,136.64	14.90	278.537		
500.00	499.84	459.84	459.84	3.79	14.68	80.02	-3,765.77	-1,748.39	4,150.63	4,132.17	18.47	224.741		
600.00	599.45	559.45	559.45	4.03	18.08	80.17	-3,765.77	-1,748.39	4,149.13	4,127.02	22.11	187.663		
700.00	698.70	658.70	658.70	4.30	21.50	80.38	-3,765.77	-1,748.39	4,147.06	4,121.26	25.80	160.746		
800.00	797.47	757.47	757.47	4.61	24.91	80.64	-3,765.77	-1,748.39	4,144.44	4,114.92	29.52	140.394		
900.00	895.62	855.62	855.62	4.95	28.31	80.96	-3,765.77	-1,748.39	4,141.34	4,108.07	33.26	124.502		
1,000.00	993.06	953.06	953.06	5.33	31.70	81.33	-3,765.77	-1,748.39	4,137.78	4,100.76	37.02	111.769		
1,100.00	1,090.08	1,050.08	1,050.08	5.74	35.07	81.65	-3,765.77	-1,748.39	4,134.10	4,093.30	40.80	101.331		
1,200.00	1,187.11	1,147.11	1,147.11	6.17	38.44	81.97	-3,765.77	-1,748.39	4,130.55	4,085.95	44.60	92.615		
1,300.00	1,284.14	1,244.14	1,244.14	6.61	41.82	82.29	-3,765.77	-1,748.39	4,127.13	4,078.71	48.42	85.237		
1,400.00	1,381.17	1,341.17	1,341.17	7.07	45.19	82.62	-3,765.77	-1,748.39	4,123.86	4,071.61	52.26	78.917		
1,500.00	1,478.20	1,438.20	1,438.20	7.55	48.57	82.94	-3,765.77	-1,748.39	4,120.73	4,064.62	56.10	73.447		
1,600.00	1,575.23	1,535.23	1,535.23	8.03	51.95	83.26	-3,765.77	-1,748.39	4,117.74	4,057.77	59.96	68.670		
1,700.00	1,672.26	1,632.26	1,632.26	8.52	55.33	83.59	-3,765.77	-1,748.39	4,114.88	4,051.05	63.83	64.463		
1,800.00	1,769.29	1,729.29	1,729.29	9.01	58.72	83.91	-3,765.77	-1,748.39	4,112.17	4,044.46	67.71	60.733		
1,900.00	1,866.32	1,826.32	1,826.32	9.51	62.10	84.24	-3,765.77	-1,748.39	4,109.60	4,038.01	71.59	57.404		
2,000.00	1,963.35	1,923.35	1,923.35	10.02	65.48	84.57	-3,765.77	-1,748.39	4,107.17	4,031.69	75.48	54.415		
2,100.00	2,060.38	2,020.38	2,020.38	10.53	68.86	84.89	-3,765.77	-1,748.39	4,104.88	4,025.51	79.37	51.718		
2,200.00	2,157.41	2,117.41	2,117.41	11.04	72.25	85.22	-3,765.77	-1,748.39	4,102.73	4,019.46	83.27	49.272		
2,300.00	2,254.44	2,214.44	2,214.44	11.56	75.63	85.55	-3,765.77	-1,748.39	4,100.72	4,013.56	87.17	47.045		
2,400.00	2,351.47	2,311.47	2,311.47	12.07	79.02	85.87	-3,765.77	-1,748.39	4,098.86	4,007.79	91.07	45.008		
2,500.00	2,448.50	2,408.50	2,408.50	12.59	82.40	86.20	-3,765.77	-1,748.39	4,097.14	4,002.16	94.97	43.139		
2,600.00	2,545.53	2,505.53	2,505.53	13.12	85.79	86.53	-3,765.77	-1,748.39	4,095.55	3,996.67	98.88	41.419		
2,700.00	2,642.56	2,602.56	2,602.56	13.64	89.17	86.86	-3,765.77	-1,748.39	4,094.12	3,991.32	102.79	39.829		
2,800.00	2,739.59	2,700.41	2,699.59	14.17	92.58	87.18	-3,765.77	-1,748.39	4,092.82	3,986.09	106.73	38.346		
2,900.00	2,836.62	2,803.38	2,796.62	14.69	96.18	87.51	-3,765.77	-1,748.39	4,091.67	3,980.81	110.85	36.911		
3,000.00	2,933.65	2,906.35	2,893.65	15.22	99.77	87.84	-3,765.77	-1,748.39	4,090.66	3,975.68	114.98	35.579		
3,100.00	3,030.68	3,009.32	2,990.68	15.75	103.36	88.17	-3,765.77	-1,748.39	4,089.79	3,970.69	119.10	34.339		
3,200.00	3,127.71	3,087.71	3,087.71	16.28	106.10	88.50	-3,765.77	-1,748.39	4,089.06	3,966.70	122.37	33.417		
3,300.00	3,224.74	3,184.74	3,184.74	16.82	109.48	88.83	-3,765.77	-1,748.39	4,088.48	3,962.20	126.28	32.375		
3,400.00	3,321.76	3,281.76	3,281.76	17.35	112.87	89.16	-3,765.77	-1,748.39	4,088.04	3,957.84	130.20	31.397		
3,500.00	3,418.79	3,378.79	3,378.79	17.88	116.25	89.49	-3,765.77	-1,748.39	4,087.75	3,953.62	134.12	30.477		
3,600.00	3,515.82	3,475.82	3,475.82	18.42	119.64	89.81	-3,765.77	-1,748.39	4,087.59	3,949.55	138.05	29.610		
3,656.47	3,570.62	3,530.62	3,530.62	18.72	121.55	90.00	-3,765.77	-1,748.39	4,087.57	3,947.31	140.26	29.143		
3,700.00	3,612.85	3,572.85	3,572.85	18.95	123.03	90.14	-3,765.77	-1,748.39	4,087.59	3,945.62	141.97	28.792		
3,800.00	3,709.88	3,669.88	3,669.88	19.49	126.41	90.47	-3,765.77	-1,748.39	4,087.72	3,941.83	145.89	28.019		
3,900.00	3,806.91	3,766.91	3,766.91	20.02	129.80	90.80	-3,765.77	-1,748.39	4,088.00	3,938.18	149.81	27.287		
4,000.00	3,903.94	3,863.94	3,863.94	20.56	133.19	91.13	-3,765.77	-1,748.39	4,088.42	3,934.68	153.74	26.594		
4,100.00	4,000.97	3,960.97	3,960.97	21.09	136.57	91.46	-3,765.77	-1,748.39	4,088.98	3,931.32	157.66	25.935		
4,200.00	4,098.00	4,058.00	4,058.00	21.63	139.96	91.79	-3,765.77	-1,748.39	4,089.69	3,928.10	161.59	25.310		
4,300.00	4,195.03	4,155.03	4,155.03	22.17	143.34	92.12	-3,765.77	-1,748.39	4,090.54	3,925.02	165.51	24.715		
4,400.00	4,292.06	4,252.06	4,252.06	22.71	146.73	92.44	-3,765.77	-1,748.39	4,091.53	3,922.09	169.44	24.148		
4,500.00	4,389.09	4,349.09	4,349.09	23.25	150.12	92.77	-3,765.77	-1,748.39	4,092.66	3,919.30	173.36	23.608		
4,600.00	4,486.12	4,446.12	4,446.12	23.78	153.50	93.10	-3,765.77	-1,748.39	4,093.94	3,916.65	177.29	23.092		
4,700.00	4,583.15	4,543.15	4,543.15	24.32	156.89	93.43	-3,765.77	-1,748.39	4,095.36	3,914.15	181.21	22.600		
4,800.00	4,680.18	4,640.18	4,640.18	24.86	160.28	93.76	-3,765.77	-1,748.39	4,096.92	3,911.78	185.14	22.129		
4,900.00	4,777.21	4,737.21	4,737.21	25.40	163.66	94.08	-3,765.77	-1,748.39	4,098.63	3,909.56	189.06	21.678		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - CARLSON #14-2(SI) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,874.24	4,834.24	4,834.24	25.94	167.05	94.41	-3,765.77	-1,748.39	4,100.47	3,907.48	192.99	21.247		
5,100.00	4,971.27	4,931.27	4,931.27	26.48	170.44	94.74	-3,765.77	-1,748.39	4,102.46	3,905.54	196.92	20.833		
5,200.00	5,068.30	5,028.30	5,028.30	27.02	173.82	95.07	-3,765.77	-1,748.39	4,104.59	3,903.75	200.84	20.437		
5,300.00	5,165.33	5,125.33	5,125.33	27.56	177.21	95.39	-3,765.77	-1,748.39	4,106.86	3,902.09	204.77	20.056		
5,400.00	5,262.36	5,222.36	5,222.36	28.10	180.60	95.72	-3,765.77	-1,748.39	4,109.28	3,900.58	208.70	19.690		
5,500.00	5,359.39	5,319.39	5,319.39	28.64	183.98	96.04	-3,765.77	-1,748.39	4,111.83	3,899.21	212.62	19.339		
5,600.00	5,456.42	5,416.42	5,416.42	29.18	187.37	96.37	-3,765.77	-1,748.39	4,114.52	3,897.98	216.55	19.000		
5,700.00	5,553.45	5,513.45	5,513.45	29.72	190.76	96.69	-3,765.77	-1,748.39	4,117.36	3,896.88	220.48	18.675		
5,800.00	5,650.47	5,610.47	5,610.47	30.27	194.14	97.02	-3,765.77	-1,748.39	4,120.33	3,895.93	224.40	18.361		
5,900.00	5,747.50	5,707.50	5,707.50	30.81	197.53	97.34	-3,765.77	-1,748.39	4,123.45	3,895.12	228.33	18.059		
6,000.00	5,844.53	5,804.53	5,804.53	31.35	200.92	97.66	-3,765.77	-1,748.39	4,126.70	3,894.45	232.25	17.768		
6,100.00	5,941.56	5,901.56	5,901.56	31.89	204.30	97.99	-3,765.77	-1,748.39	4,130.10	3,893.92	236.18	17.487		
6,200.00	6,038.59	6,001.41	5,998.59	32.43	207.79	98.31	-3,765.77	-1,748.39	4,133.63	3,893.43	240.20	17.209		
6,300.00	6,135.62	6,104.38	6,095.62	32.97	211.38	98.63	-3,765.77	-1,748.39	4,137.30	3,892.96	244.33	16.933		
6,400.00	6,232.65	6,207.35	6,192.65	33.51	214.98	98.95	-3,765.77	-1,748.39	4,141.11	3,892.64	248.47	16.667		
6,500.00	6,329.68	6,289.68	6,289.68	34.06	217.85	99.27	-3,765.77	-1,748.39	4,145.05	3,893.17	251.88	16.457		
6,600.00	6,426.71	6,386.71	6,386.71	34.60	221.24	99.59	-3,765.77	-1,748.39	4,149.14	3,893.33	255.80	16.220		
6,655.36	6,480.43	6,440.43	6,440.43	34.90	223.11	99.77	-3,765.77	-1,748.39	4,151.46	3,893.48	257.98	16.092		
6,700.00	6,524.01	6,484.01	6,484.01	35.13	224.64	87.75	-3,765.77	-1,748.39	4,152.23	3,892.51	259.73	15.987		
6,750.00	6,573.29	6,533.29	6,533.29	35.36	226.36	65.24	-3,765.77	-1,748.39	4,150.45	3,888.77	261.67	15.861		
6,800.00	6,622.76	6,582.76	6,582.76	35.56	228.08	34.68	-3,765.77	-1,748.39	4,145.85	3,882.25	263.60	15.728		
6,850.00	6,672.13	6,632.13	6,632.13	35.73	229.81	8.85	-3,765.77	-1,748.39	4,138.47	3,872.98	265.49	15.588		
6,900.00	6,721.08	6,681.08	6,681.08	35.88	231.51	-7.28	-3,765.77	-1,748.39	4,128.34	3,860.98	267.35	15.442		
6,950.00	6,769.31	6,729.31	6,729.31	36.03	233.20	-17.27	-3,765.77	-1,748.39	4,115.51	3,846.33	269.18	15.289		
7,000.00	6,816.53	6,776.53	6,776.53	36.18	234.85	-24.10	-3,765.77	-1,748.39	4,100.09	3,829.11	270.98	15.131		
7,050.00	6,862.44	6,822.44	6,822.44	36.34	236.45	-29.31	-3,765.77	-1,748.39	4,082.17	3,809.44	272.73	14.968		
7,100.00	6,906.77	6,866.77	6,866.77	36.50	238.00	-33.67	-3,765.77	-1,748.39	4,061.88	3,787.45	274.42	14.801		
7,150.00	6,949.23	6,909.23	6,909.23	36.68	239.48	-37.62	-3,765.77	-1,748.39	4,039.36	3,763.30	276.07	14.632		
7,200.00	6,989.58	6,949.58	6,949.58	36.87	240.89	-41.40	-3,765.77	-1,748.39	4,014.80	3,737.15	277.65	14.460		
7,250.00	7,027.55	6,987.55	6,987.55	37.09	242.21	-45.16	-3,765.77	-1,748.39	3,988.35	3,709.20	279.15	14.287		
7,300.00	7,062.91	7,022.91	7,022.91	37.32	243.45	-49.01	-3,765.77	-1,748.39	3,960.23	3,679.65	280.59	14.114		
7,350.00	7,095.45	7,055.45	7,055.45	37.59	244.58	-52.99	-3,765.77	-1,748.39	3,930.65	3,648.71	281.94	13.942		
7,400.00	7,124.97	7,084.97	7,084.97	37.88	245.61	-57.13	-3,765.77	-1,748.39	3,899.83	3,616.63	283.21	13.770		
7,450.00	7,151.28	7,111.28	7,111.28	38.21	246.53	-61.43	-3,765.77	-1,748.39	3,868.01	3,583.63	284.38	13.601		
7,500.00	7,174.22	7,134.22	7,134.22	38.58	247.33	-65.86	-3,765.77	-1,748.39	3,835.42	3,549.95	285.47	13.435		
7,550.00	7,193.65	7,153.65	7,153.65	38.98	248.01	-70.36	-3,765.77	-1,748.39	3,802.32	3,515.86	286.46	13.273		
7,600.00	7,209.45	7,169.45	7,169.45	39.43	248.56	-74.86	-3,765.77	-1,748.39	3,768.95	3,481.59	287.36	13.116		
7,650.00	7,221.52	7,181.52	7,181.52	39.91	248.98	-79.28	-3,765.77	-1,748.39	3,735.55	3,447.41	288.15	12.964		
7,700.00	7,229.79	7,189.79	7,189.79	40.42	249.27	-83.55	-3,765.77	-1,748.39	3,702.38	3,413.55	288.83	12.818		
7,750.00	7,234.21	7,205.79	7,194.21	40.97	249.83	-87.58	-3,765.77	-1,748.39	3,669.68	3,379.86	289.82	12.662		
7,780.56	7,235.00	7,205.00	7,195.00	41.32	249.80	-89.90	-3,765.77	-1,748.39	3,650.01	3,359.95	290.06	12.584		
7,800.00	7,235.04	7,204.96	7,195.04	41.54	249.80	-89.90	-3,765.77	-1,748.39	3,637.63	3,347.39	290.24	12.533		
7,900.00	7,235.26	7,204.74	7,195.26	42.82	249.79	-89.90	-3,765.77	-1,748.39	3,574.92	3,283.67	291.25	12.275		
8,000.00	7,235.47	7,204.53	7,195.47	44.25	249.79	-89.91	-3,765.77	-1,748.39	3,513.94	3,221.53	292.41	12.017		
8,100.00	7,235.68	7,204.32	7,195.68	45.82	249.78	-89.91	-3,765.77	-1,748.39	3,454.77	3,161.05	293.73	11.762		
8,200.00	7,235.90	7,204.10	7,195.90	47.52	249.77	-89.92	-3,765.77	-1,748.39	3,397.52	3,102.33	295.20	11.509		
8,300.00	7,236.11	7,203.89	7,196.11	49.34	249.76	-89.92	-3,765.77	-1,748.39	3,342.28	3,045.46	296.82	11.260		
8,400.00	7,236.32	7,203.68	7,196.32	51.25	249.76	-89.93	-3,765.77	-1,748.39	3,289.16	2,990.57	298.59	11.016		
8,500.00	7,236.54	7,203.46	7,196.54	53.26	249.75	-89.93	-3,765.77	-1,748.39	3,238.25	2,937.75	300.50	10.776		
8,600.00	7,236.75	7,203.25	7,196.75	55.34	249.74	-89.93	-3,765.77	-1,748.39	3,189.66	2,887.12	302.55	10.543		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - CARLSON #14-2(SI) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,236.96	7,203.04	7,196.96	57.50	249.73	-89.94	-3,765.77	-1,748.39	3,143.51	2,838.79	304.72	10.316		
8,800.00	7,237.17	7,202.83	7,197.17	59.71	249.73	-89.94	-3,765.77	-1,748.39	3,099.89	2,792.89	307.01	10.097		
8,900.00	7,237.39	7,202.61	7,197.39	61.98	249.72	-89.95	-3,765.77	-1,748.39	3,058.93	2,749.52	309.40	9.887		
9,000.00	7,237.60	7,202.40	7,197.60	64.29	249.71	-89.95	-3,765.77	-1,748.39	3,020.72	2,708.82	311.89	9.685		
9,100.00	7,237.81	7,202.19	7,197.81	66.65	249.70	-89.96	-3,765.77	-1,748.39	2,985.37	2,670.90	314.47	9.493		
9,200.00	7,238.03	7,201.97	7,198.03	69.05	249.70	-89.96	-3,765.77	-1,748.39	2,952.99	2,635.88	317.11	9.312		
9,300.00	7,238.24	7,201.76	7,198.24	71.48	249.69	-89.96	-3,765.77	-1,748.39	2,923.67	2,603.86	319.80	9.142		
9,400.00	7,238.45	7,201.55	7,198.45	73.95	249.68	-89.97	-3,765.77	-1,748.39	2,897.50	2,574.97	322.54	8.983		
9,500.00	7,238.67	7,201.33	7,198.67	76.44	249.68	-89.97	-3,765.77	-1,748.39	2,874.58	2,549.29	325.29	8.837		
9,600.00	7,238.88	7,201.12	7,198.88	78.96	249.67	-89.98	-3,765.77	-1,748.39	2,854.98	2,526.92	328.06	8.703		
9,700.00	7,239.09	7,200.91	7,199.09	81.50	249.66	-89.98	-3,765.77	-1,748.39	2,838.77	2,507.96	330.81	8.581		
9,800.00	7,239.30	7,200.70	7,199.30	84.06	249.65	-89.99	-3,765.77	-1,748.39	2,826.01	2,492.46	333.55	8.473		
9,900.00	7,239.52	7,200.48	7,199.52	86.64	249.65	-89.99	-3,765.77	-1,748.39	2,816.74	2,480.50	336.24	8.377		
10,000.00	7,239.73	7,200.27	7,199.73	89.23	249.64	-90.00	-3,765.77	-1,748.39	2,811.00	2,472.13	338.87	8.295		
10,100.00	7,239.94	7,200.06	7,199.94	91.85	249.63	-90.00	-3,765.77	-1,748.39	2,808.81	2,467.37	341.44	8.226		
10,111.52	7,239.97	7,200.03	7,199.97	92.15	249.63	-90.00	-3,765.77	-1,748.39	2,808.79	2,467.06	341.73	8.219 CC		
10,200.00	7,240.16	7,200.16	7,200.16	94.47	249.63	-90.00	-3,765.77	-1,748.39	2,810.18	2,466.25	343.93	8.171 ES		
10,300.00	7,240.37	7,200.37	7,200.37	97.11	249.64	-90.01	-3,765.77	-1,748.39	2,815.10	2,468.77	346.34	8.128		
10,400.00	7,240.58	7,200.58	7,200.58	99.76	249.65	-90.01	-3,765.77	-1,748.39	2,823.56	2,474.93	348.64	8.099		
10,500.00	7,240.80	7,200.80	7,200.80	102.43	249.66	-90.02	-3,765.77	-1,748.39	2,835.52	2,484.70	350.82	8.082		
10,600.00	7,241.01	7,201.01	7,201.01	105.10	249.66	-90.02	-3,765.77	-1,748.39	2,850.95	2,498.05	352.89	8.079 SF		
10,700.00	7,241.22	7,201.22	7,201.22	107.79	249.67	-90.03	-3,765.77	-1,748.39	2,869.77	2,514.94	354.83	8.088		
10,800.00	7,241.43	7,201.43	7,201.43	110.48	249.68	-90.03	-3,765.77	-1,748.39	2,891.93	2,535.29	356.65	8.109		
10,900.00	7,241.65	7,201.65	7,201.65	113.18	249.69	-90.03	-3,765.77	-1,748.39	2,917.36	2,559.03	358.33	8.141		
11,000.00	7,241.86	7,201.86	7,201.86	115.89	249.69	-90.04	-3,765.77	-1,748.39	2,945.96	2,586.07	359.89	8.186		
11,100.00	7,242.07	7,202.07	7,202.07	118.60	249.70	-90.04	-3,765.77	-1,748.39	2,977.65	2,616.33	361.31	8.241		
11,200.00	7,242.29	7,202.29	7,202.29	121.32	249.71	-90.05	-3,765.77	-1,748.39	3,012.32	2,649.71	362.61	8.307		
11,300.00	7,242.50	7,202.50	7,202.50	124.05	249.72	-90.05	-3,765.77	-1,748.39	3,049.88	2,686.10	363.78	8.384		
11,400.00	7,242.71	7,202.71	7,202.71	126.78	249.72	-90.06	-3,765.77	-1,748.39	3,090.22	2,725.38	364.84	8.470		
11,500.00	7,242.93	7,202.93	7,202.93	129.52	249.73	-90.06	-3,765.77	-1,748.39	3,133.23	2,767.45	365.78	8.566		
11,600.00	7,243.14	7,203.14	7,203.14	132.27	249.74	-90.06	-3,765.77	-1,748.39	3,178.81	2,812.20	366.61	8.671		
11,700.00	7,243.35	7,203.35	7,203.35	135.02	249.75	-90.07	-3,765.77	-1,748.39	3,226.85	2,859.51	367.34	8.784		
11,800.00	7,243.57	7,203.57	7,203.57	137.77	249.75	-90.07	-3,765.77	-1,748.39	3,277.23	2,909.25	367.98	8.906		
11,900.00	7,243.78	7,203.78	7,203.78	140.53	249.76	-90.08	-3,765.77	-1,748.39	3,329.86	2,961.34	368.52	9.036		
12,000.00	7,243.99	7,203.99	7,203.99	143.29	249.77	-90.08	-3,765.77	-1,748.39	3,384.62	3,015.64	368.98	9.173		
12,100.00	7,244.20	7,204.20	7,204.20	146.05	249.78	-90.09	-3,765.77	-1,748.39	3,441.41	3,072.05	369.36	9.317		
12,200.00	7,244.42	7,204.42	7,204.42	148.82	249.78	-90.09	-3,765.77	-1,748.39	3,500.15	3,130.47	369.68	9.468		
12,300.00	7,244.63	7,204.63	7,204.63	151.60	249.79	-90.10	-3,765.77	-1,748.39	3,560.72	3,190.80	369.92	9.626		
12,400.00	7,244.84	7,204.84	7,204.84	154.37	249.80	-90.10	-3,765.77	-1,748.39	3,623.04	3,252.93	370.11	9.789		
12,500.00	7,245.06	7,205.06	7,205.06	157.15	249.81	-90.10	-3,765.77	-1,748.39	3,687.02	3,316.77	370.24	9.958		
12,600.00	7,245.27	7,205.27	7,205.27	159.93	249.81	-90.11	-3,765.77	-1,748.39	3,752.57	3,382.24	370.33	10.133		
12,700.00	7,245.48	7,205.48	7,205.48	162.71	249.82	-90.11	-3,765.77	-1,748.39	3,819.62	3,449.25	370.37	10.313		
12,800.00	7,245.70	7,205.70	7,205.70	165.50	249.83	-90.12	-3,765.77	-1,748.39	3,888.08	3,517.71	370.37	10.498		
12,900.00	7,245.91	7,205.91	7,205.91	168.29	249.83	-90.12	-3,765.77	-1,748.39	3,957.89	3,587.56	370.33	10.687		
13,000.00	7,246.12	7,206.12	7,206.12	171.08	249.84	-90.13	-3,765.77	-1,748.39	4,028.97	3,658.70	370.27	10.881		
13,100.00	7,246.33	7,206.33	7,206.33	173.87	249.85	-90.13	-3,765.77	-1,748.39	4,101.25	3,731.08	370.17	11.079		
13,200.00	7,246.55	7,206.55	7,206.55	176.67	249.86	-90.13	-3,765.77	-1,748.39	4,174.68	3,804.63	370.05	11.281		
13,300.00	7,246.76	7,206.76	7,206.76	179.47	249.86	-90.14	-3,765.77	-1,748.39	4,249.20	3,879.29	369.91	11.487		
13,400.00	7,246.97	7,206.97	7,206.97	182.27	249.87	-90.14	-3,765.77	-1,748.39	4,324.74	3,954.99	369.75	11.697		
13,500.00	7,247.19	7,207.19	7,207.19	185.07	249.88	-90.15	-3,765.77	-1,748.39	4,401.26	4,031.69	369.57	11.909		
13,600.00	7,247.40	7,207.40	7,207.40	187.87	249.89	-90.15	-3,765.77	-1,748.39	4,478.70	4,109.33	369.37	12.125		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - CARLSON #14-2(SI) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,247.61	7,207.61	7,207.61	190.68	249.89	-90.16	-3,765.77	-1,748.39	4,557.02	4,187.85	369.17	12.344		
13,800.00	7,247.83	7,207.83	7,207.83	193.48	249.90	-90.16	-3,765.77	-1,748.39	4,636.18	4,267.23	368.95	12.566		
13,900.00	7,248.04	7,208.04	7,208.04	196.29	249.91	-90.16	-3,765.77	-1,748.39	4,716.12	4,347.40	368.72	12.790		
14,000.00	7,248.25	7,208.25	7,208.25	199.10	249.92	-90.17	-3,765.77	-1,748.39	4,796.82	4,428.34	368.49	13.018		
14,100.00	7,248.46	7,208.46	7,208.46	201.91	249.92	-90.17	-3,765.77	-1,748.39	4,878.24	4,509.99	368.25	13.247		
14,200.00	7,248.68	7,208.68	7,208.68	204.72	249.93	-90.18	-3,765.77	-1,748.39	4,960.33	4,592.33	368.00	13.479		
14,300.00	7,248.89	7,208.89	7,208.89	207.53	249.94	-90.18	-3,765.77	-1,748.39	5,043.07	4,675.32	367.75	13.713		
14,400.00	7,249.10	7,209.10	7,209.10	210.35	249.95	-90.19	-3,765.77	-1,748.39	5,126.43	4,758.93	367.50	13.950		
14,500.00	7,249.32	7,209.32	7,209.32	213.16	249.95	-90.19	-3,765.77	-1,748.39	5,210.37	4,843.13	367.24	14.188		
14,600.00	7,249.53	7,209.53	7,209.53	215.98	249.96	-90.20	-3,765.77	-1,748.39	5,294.87	4,927.89	366.98	14.428		
14,700.00	7,249.74	7,209.74	7,209.74	218.80	249.97	-90.20	-3,765.77	-1,748.39	5,379.90	5,013.18	366.73	14.670		
14,800.00	7,249.96	7,209.96	7,209.96	221.62	249.98	-90.20	-3,765.77	-1,748.39	5,465.44	5,098.97	366.47	14.914		
14,900.00	7,250.17	7,210.17	7,210.17	224.44	249.98	-90.21	-3,765.77	-1,748.39	5,551.46	5,185.25	366.21	15.159		
15,000.00	7,250.38	7,210.38	7,210.38	227.26	249.99	-90.21	-3,765.77	-1,748.39	5,637.95	5,271.99	365.96	15.406		
15,100.00	7,250.59	7,210.59	7,210.59	230.08	250.00	-90.22	-3,765.77	-1,748.39	5,724.87	5,359.17	365.70	15.655		
15,200.00	7,250.81	7,210.81	7,210.81	232.90	250.01	-90.22	-3,765.77	-1,748.39	5,812.21	5,446.77	365.45	15.904		
15,300.00	7,251.02	7,211.02	7,211.02	235.72	250.01	-90.23	-3,765.77	-1,748.39	5,899.96	5,534.76	365.20	16.156		
15,400.00	7,251.23	7,211.23	7,211.23	238.55	250.02	-90.23	-3,765.77	-1,748.39	5,988.09	5,623.14	364.95	16.408		
15,500.00	7,251.45	7,211.45	7,211.45	241.37	250.03	-90.23	-3,765.77	-1,748.39	6,076.59	5,711.89	364.70	16.662		
15,600.00	7,251.66	7,211.66	7,211.66	244.20	250.04	-90.24	-3,765.77	-1,748.39	6,165.44	5,800.98	364.46	16.917		
15,700.00	7,251.87	7,211.87	7,211.87	247.03	250.04	-90.24	-3,765.77	-1,748.39	6,254.62	5,890.41	364.22	17.173		
15,800.00	7,252.09	7,212.09	7,212.09	249.85	250.05	-90.25	-3,765.77	-1,748.39	6,344.13	5,980.15	363.98	17.430		
15,900.00	7,252.30	7,212.30	7,212.30	252.68	250.06	-90.25	-3,765.77	-1,748.39	6,433.95	6,070.20	363.74	17.688		
16,000.00	7,252.51	7,212.51	7,212.51	255.51	250.07	-90.26	-3,765.77	-1,748.39	6,524.06	6,160.55	363.51	17.947		
16,100.00	7,252.72	7,212.72	7,212.72	258.34	250.07	-90.26	-3,765.77	-1,748.39	6,614.46	6,251.17	363.28	18.207		
16,200.00	7,252.94	7,212.94	7,212.94	261.17	250.08	-90.26	-3,765.77	-1,748.39	6,705.13	6,342.07	363.06	18.468		
16,300.00	7,253.15	7,213.15	7,213.15	264.00	250.09	-90.27	-3,765.77	-1,748.39	6,796.06	6,433.22	362.84	18.730		
16,400.00	7,253.36	7,213.36	7,213.36	266.83	250.10	-90.27	-3,765.77	-1,748.39	6,887.24	6,524.62	362.62	18.993		
16,500.00	7,253.58	7,213.58	7,213.58	269.66	250.10	-90.28	-3,765.77	-1,748.39	6,978.67	6,616.26	362.41	19.256		
16,600.00	7,253.79	7,213.79	7,213.79	272.50	250.11	-90.28	-3,765.77	-1,748.39	7,070.33	6,708.12	362.20	19.520		
16,700.00	7,254.00	7,214.00	7,214.00	275.33	250.12	-90.29	-3,765.77	-1,748.39	7,162.21	6,800.21	362.00	19.785		
16,800.00	7,254.22	7,214.22	7,214.22	278.16	250.12	-90.29	-3,765.77	-1,748.39	7,254.30	6,892.51	361.79	20.051		
16,900.00	7,254.43	7,214.43	7,214.43	281.00	250.13	-90.29	-3,765.77	-1,748.39	7,346.60	6,985.01	361.60	20.317		
17,000.00	7,254.64	7,214.64	7,214.64	283.83	250.14	-90.30	-3,765.77	-1,748.39	7,439.10	7,077.70	361.40	20.584		
17,100.00	7,254.85	7,214.85	7,214.85	286.67	250.15	-90.30	-3,765.77	-1,748.39	7,531.80	7,170.58	361.21	20.851		
17,200.00	7,255.07	7,215.07	7,215.07	289.50	250.15	-90.31	-3,765.77	-1,748.39	7,624.67	7,263.65	361.03	21.119		
17,300.00	7,255.28	7,215.28	7,215.28	292.34	250.16	-90.31	-3,765.77	-1,748.39	7,717.73	7,356.89	360.84	21.388		
17,400.00	7,255.49	7,215.49	7,215.49	295.17	250.17	-90.32	-3,765.77	-1,748.39	7,810.96	7,450.29	360.66	21.657		
17,500.00	7,255.71	7,215.71	7,215.71	298.01	250.18	-90.32	-3,765.77	-1,748.39	7,904.35	7,543.86	360.49	21.927		
17,600.00	7,255.92	7,215.92	7,215.92	300.85	250.18	-90.33	-3,765.77	-1,748.39	7,997.90	7,637.58	360.32	22.197		
17,700.00	7,256.13	7,216.13	7,216.13	303.68	250.19	-90.33	-3,765.77	-1,748.39	8,091.61	7,731.46	360.15	22.467		
17,800.00	7,256.35	7,216.35	7,216.35	306.52	250.20	-90.33	-3,765.77	-1,748.39	8,185.46	7,825.48	359.98	22.738		
17,900.00	7,256.56	7,216.56	7,216.56	309.36	250.21	-90.34	-3,765.77	-1,748.39	8,279.46	7,919.64	359.82	23.010		
18,000.00	7,256.77	7,216.77	7,216.77	312.20	250.21	-90.34	-3,765.77	-1,748.39	8,373.60	8,013.93	359.67	23.282		
18,100.00	7,256.98	7,216.98	7,216.98	315.04	250.22	-90.35	-3,765.77	-1,748.39	8,467.87	8,108.36	359.51	23.554		
18,200.00	7,257.20	7,217.20	7,217.20	317.88	250.23	-90.35	-3,765.77	-1,748.39	8,562.27	8,202.91	359.36	23.826		
18,300.00	7,257.41	7,217.41	7,217.41	320.72	250.24	-90.36	-3,765.77	-1,748.39	8,656.80	8,297.59	359.21	24.099		
18,400.00	7,257.62	7,217.62	7,217.62	323.56	250.24	-90.36	-3,765.77	-1,748.39	8,751.45	8,392.38	359.07	24.373		
18,500.00	7,257.84	7,217.84	7,217.84	326.40	250.25	-90.36	-3,765.77	-1,748.39	8,846.22	8,487.29	358.93	24.646		
18,600.00	7,258.05	7,218.05	7,218.05	329.24	250.26	-90.37	-3,765.77	-1,748.39	8,941.10	8,582.31	358.79	24.920		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - CARLSON #14-2(SI) - OH - OH		Offset Site Error:		0.00 ft	
Survey Program:													100-2° Cone@2.448 Sigma		Offset Well Error:		3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning				
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)							
18,700.00	7,258.26	7,218.26	7,218.26	332.08	250.27	-90.37	-3,765.77	-1,748.39	9,036.09	8,677.44	358.66	25.194						
18,800.00	7,258.48	7,218.48	7,218.48	334.92	250.27	-90.38	-3,765.77	-1,748.39	9,131.19	8,772.67	358.53	25.469						
18,900.00	7,258.69	7,218.69	7,218.69	337.76	250.28	-90.38	-3,765.77	-1,748.39	9,226.40	8,868.00	358.40	25.743						
19,000.00	7,258.90	7,218.90	7,218.90	340.60	250.29	-90.39	-3,765.77	-1,748.39	9,321.70	8,963.42	358.27	26.018						
19,046.19	7,259.00	7,219.00	7,219.00	341.92	250.29	-90.39	-3,765.77	-1,748.39	9,365.75	9,007.53	358.22	26.145						

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 11C-7-M - OH - OH													Offset Well Error:	0.00 ft
Survey Program: 342-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	0.00	140.41	-612.75	506.71	795.20					
100.00	100.00	93.64	93.63	3.28	0.21	140.44	-612.79	506.24	794.86	791.37	3.49	227.607		
200.00	200.00	198.82	198.80	3.34	0.44	140.53	-612.90	504.60	793.95	790.18	3.78	210.174		
300.00	300.00	303.95	303.90	3.44	0.68	140.70	-613.08	501.79	792.40	788.27	4.12	192.303		
400.00	399.98	414.30	414.18	3.60	1.08	15.94	-612.59	498.16	788.30	783.62	4.68	168.278		
500.00	499.84	519.07	518.88	3.79	1.53	16.12	-609.81	495.59	779.66	774.32	5.34	145.997		
600.00	599.45	621.64	621.37	4.03	1.98	16.33	-606.13	493.49	767.24	761.22	6.02	127.376		
700.00	698.70	723.61	723.22	4.30	2.42	16.57	-601.60	491.79	751.08	744.34	6.74	111.479		
800.00	797.47	824.80	824.26	4.61	2.86	16.86	-596.23	490.50	731.20	723.73	7.48	97.803		
900.00	895.62	923.14	922.43	4.95	3.29	17.24	-590.57	489.46	707.87	699.64	8.23	86.040		
1,000.00	993.06	1,022.90	1,021.99	5.33	3.73	17.77	-584.59	487.87	680.82	671.81	9.01	75.574		
1,100.00	1,090.08	1,125.69	1,124.60	5.74	4.18	18.43	-579.47	484.45	652.00	642.18	9.82	66.412		
1,200.00	1,187.11	1,246.00	1,244.39	6.17	4.72	19.44	-571.40	476.99	620.24	609.53	10.71	57.908		
1,300.00	1,284.14	1,361.83	1,359.26	6.61	5.24	20.49	-559.83	467.61	585.07	573.49	11.58	50.522		
1,400.00	1,381.17	1,475.23	1,471.08	7.07	5.75	21.52	-544.17	457.19	546.49	534.06	12.43	43.967		
1,500.00	1,478.20	1,574.50	1,568.43	7.55	6.21	22.31	-526.92	448.30	505.40	492.17	13.23	38.204		
1,600.00	1,575.23	1,667.07	1,659.07	8.03	6.64	22.95	-509.49	441.23	463.96	449.94	14.02	33.095		
1,700.00	1,672.26	1,762.14	1,751.83	8.52	7.08	23.71	-490.23	433.32	421.08	406.26	14.82	28.418		
1,800.00	1,769.29	1,849.61	1,837.28	9.01	7.49	24.76	-473.41	425.21	378.65	363.02	15.63	24.227		
1,900.00	1,866.32	1,937.94	1,923.71	9.51	7.91	26.11	-457.02	417.19	336.98	320.52	16.46	20.473		
2,000.00	1,963.35	2,031.83	2,015.52	10.02	8.36	27.70	-438.90	409.65	295.39	278.11	17.28	17.095		
2,100.00	2,060.38	2,119.88	2,101.56	10.53	8.78	29.62	-421.58	402.59	253.73	235.59	18.15	13.983		
2,200.00	2,157.41	2,209.78	2,189.58	11.04	9.21	32.52	-404.89	395.14	213.26	194.23	19.03	11.206		
2,300.00	2,254.44	2,301.61	2,279.47	11.56	9.65	36.37	-387.26	388.69	173.34	153.41	19.92	8.700		
2,400.00	2,351.47	2,391.20	2,367.13	12.07	10.07	41.71	-369.54	383.51	134.26	113.34	20.92	6.419		
2,500.00	2,448.50	2,482.49	2,456.67	12.59	10.51	51.27	-352.45	378.29	98.06	76.04	22.02	4.453		
2,600.00	2,545.53	2,575.06	2,547.27	13.12	10.95	70.07	-334.17	373.46	65.97	42.56	23.40	2.819		
2,700.00	2,642.56	2,665.77	2,635.84	13.64	11.38	106.94	-315.12	368.73	48.76	23.78	24.98	1.952		
2,704.85	2,647.26	2,670.15	2,640.12	13.67	11.41	109.09	-314.22	368.49	48.72	23.70	25.01	1.948 CC, ES, SF		
2,800.00	2,739.59	2,755.94	2,723.97	14.17	11.82	145.21	-296.82	363.43	63.18	38.22	24.96	2.531		
2,900.00	2,836.62	2,845.83	2,811.68	14.69	12.26	165.03	-278.23	356.99	96.59	71.46	25.12	3.844		
3,000.00	2,933.65	2,935.93	2,899.72	15.22	12.70	174.17	-260.41	349.95	135.46	109.72	25.74	5.264		
3,100.00	3,030.68	3,028.15	2,989.95	15.75	13.14	179.00	-243.01	342.16	176.02	149.46	26.56	6.627		
3,200.00	3,127.71	3,123.24	3,083.44	16.28	13.60	-178.43	-227.53	334.41	215.54	188.04	27.50	7.838		
3,300.00	3,224.74	3,219.72	3,178.65	16.82	14.05	-176.91	-213.64	327.24	253.68	225.23	28.45	8.915		
3,400.00	3,321.76	3,317.37	3,275.24	17.35	14.50	-175.74	-200.51	321.47	290.26	260.84	29.41	9.868		
3,500.00	3,418.79	3,417.45	3,374.54	17.88	14.96	-175.10	-189.37	316.01	325.18	294.79	30.40	10.698		
3,600.00	3,515.82	3,518.09	3,474.69	18.42	15.41	-174.84	-180.63	311.14	358.19	326.83	31.36	11.420		
3,700.00	3,612.85	3,621.52	3,577.79	18.95	15.86	-174.73	-173.48	307.25	389.34	356.99	32.35	12.035		
3,800.00	3,709.88	3,736.28	3,692.39	19.49	16.35	-174.54	-167.66	306.34	417.19	383.77	33.42	12.482		
3,900.00	3,806.91	3,834.61	3,790.65	20.02	16.76	-174.41	-164.14	307.25	442.85	408.55	34.30	12.910		
4,000.00	3,903.94	3,931.85	3,887.83	20.56	17.16	-174.29	-160.97	308.53	468.01	432.83	35.17	13.305		
4,100.00	4,000.97	4,028.02	3,983.98	21.09	17.56	-174.32	-158.73	308.98	493.21	457.17	36.04	13.686		
4,200.00	4,098.00	4,124.98	4,080.92	21.63	17.97	-174.49	-157.26	308.64	518.50	481.59	36.91	14.047		
4,300.00	4,195.03	4,224.00	4,179.93	22.17	18.37	-174.67	-156.15	308.32	543.54	505.74	37.80	14.379		
4,400.00	4,292.06	4,322.03	4,277.95	22.71	18.77	-175.03	-156.79	307.05	568.20	529.53	38.67	14.693		
4,500.00	4,389.09	4,422.41	4,378.30	23.25	19.16	-175.49	-158.44	305.12	592.73	553.18	39.55	14.986		
4,600.00	4,486.12	4,528.32	4,484.16	23.78	19.57	-175.96	-161.19	303.88	616.15	575.69	40.47	15.225		
4,700.00	4,583.15	4,625.22	4,581.00	24.32	19.95	-176.39	-164.54	303.25	638.69	597.37	41.32	15.458		
4,800.00	4,680.18	4,718.53	4,674.29	24.86	20.31	-176.68	-166.55	302.92	661.80	619.66	42.14	15.705		
4,900.00	4,777.21	4,816.04	4,771.80	25.40	20.69	-176.83	-167.33	303.18	685.28	642.28	42.99	15.939		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Fagerberg 11C-7-M - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 342-MWD+IFR1													Offset Well Error: 0.00 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,874.24	4,914.04	4,869.79	25.94	21.08	-176.94	-167.91	303.84	708.57	664.71	43.85	16.158		
5,100.00	4,971.27	5,011.11	4,966.86	26.48	21.47	-177.07	-168.68	304.37	731.83	687.13	44.70	16.370		
5,200.00	5,068.30	5,109.18	5,064.92	27.02	21.86	-177.22	-169.78	304.69	755.08	709.51	45.57	16.571		
5,300.00	5,165.33	5,197.01	5,152.74	27.56	22.21	-177.36	-170.74	304.52	778.76	732.41	46.36	16.800		
5,400.00	5,262.36	5,287.91	5,243.64	28.10	22.59	-177.49	-170.97	303.57	803.58	756.40	47.18	17.033		
5,500.00	5,359.39	5,381.33	5,337.05	28.64	22.98	-177.53	-170.00	302.92	828.89	780.87	48.03	17.259		
5,600.00	5,456.42	5,469.99	5,425.69	29.18	23.35	-177.58	-168.81	301.88	854.77	805.94	48.83	17.505		
5,700.00	5,553.45	5,580.00	5,535.69	29.72	23.82	-177.68	-167.89	299.85	880.91	831.08	49.84	17.676		
5,800.00	5,650.47	5,701.66	5,657.33	30.27	24.32	-177.81	-168.91	300.03	904.48	853.57	50.91	17.767		
5,900.00	5,747.50	5,788.72	5,744.37	30.81	24.67	-177.94	-170.51	300.13	927.46	875.77	51.69	17.942		
6,000.00	5,844.53	5,891.88	5,847.52	31.35	25.09	-177.98	-171.13	301.16	950.51	897.91	52.61	18.069		
6,100.00	5,941.56	5,979.80	5,935.44	31.89	25.45	-177.98	-170.91	302.28	973.84	920.44	53.40	18.236		
6,200.00	6,038.59	6,073.28	6,028.91	32.43	25.84	-177.98	-170.48	302.95	997.73	943.48	54.24	18.394		
6,300.00	6,135.62	6,171.24	6,126.88	32.97	26.25	-178.00	-170.23	303.34	1,021.75	966.63	55.12	18.536		
6,400.00	6,232.65	6,270.30	6,225.93	33.51	26.65	-178.06	-170.61	303.52	1,045.56	989.55	56.01	18.668		
6,500.00	6,329.68	6,362.86	6,318.49	34.06	27.03	-178.13	-171.01	303.42	1,069.57	1,012.73	56.84	18.817		
6,600.00	6,426.71	7,839.44	7,238.42	34.60	36.97	-139.41	-155.48	1,132.52	1,062.30	1,015.47	46.83	22.685		
6,655.36	6,480.43	7,851.74	7,238.87	34.90	37.17	-138.57	-155.16	1,144.80	1,026.80	977.76	49.04	20.937		
6,700.00	6,524.01	7,860.37	7,239.20	35.13	37.30	-147.05	-154.96	1,153.43	999.15	948.27	50.88	19.638		
6,750.00	6,573.29	7,866.61	7,239.45	35.36	37.40	-165.76	-154.82	1,159.66	969.17	916.21	52.96	18.300		
6,800.00	6,622.76	7,869.07	7,239.55	35.56	37.44	167.20	-154.77	1,162.11	940.57	885.54	55.03	17.091		
6,850.00	6,672.13	7,867.58	7,239.49	35.73	37.42	144.56	-154.80	1,160.63	913.72	856.64	57.08	16.008		
6,900.00	6,721.08	7,862.02	7,239.26	35.88	37.33	131.25	-154.92	1,155.07	888.92	829.86	59.06	15.051		
6,950.00	6,769.31	7,852.26	7,238.89	36.03	37.18	123.72	-155.15	1,145.32	866.42	805.48	60.94	14.218		
7,000.00	6,816.53	7,838.22	7,238.38	36.18	36.95	119.02	-155.52	1,131.30	846.43	783.75	62.68	13.504		
7,050.00	6,862.44	7,819.84	7,237.78	36.34	36.66	115.63	-156.05	1,112.94	829.05	764.80	64.24	12.905		
7,100.00	6,906.77	7,797.36	7,237.14	36.50	36.31	112.87	-156.80	1,090.48	814.29	748.68	65.60	12.412		
7,150.00	6,949.23	7,772.19	7,236.43	36.68	35.95	110.44	-157.67	1,065.33	802.10	735.32	66.78	12.010		
7,200.00	6,989.58	7,743.81	7,235.55	36.87	35.55	108.13	-158.65	1,036.98	792.38	724.63	67.75	11.696		
7,250.00	7,027.55	7,712.42	7,234.50	37.09	35.10	105.85	-159.72	1,005.62	784.93	716.44	68.49	11.460		
7,300.00	7,062.91	7,690.23	7,233.73	37.32	34.80	104.21	-160.33	983.46	779.75	710.48	69.27	11.256		
7,350.00	7,095.45	7,667.72	7,232.97	37.59	34.51	102.60	-160.55	960.96	776.97	707.05	69.92	11.112		
7,399.30	7,124.57	7,635.16	7,231.81	37.88	34.11	100.59	-160.33	928.43	776.29	705.97	70.31	11.041		
7,400.00	7,124.97	7,634.58	7,231.78	37.88	34.10	100.56	-160.32	927.85	776.29	705.97	70.32	11.040		
7,450.00	7,151.28	7,592.40	7,229.72	38.21	33.61	98.26	-159.96	885.71	776.82	706.33	70.49	11.020		
7,500.00	7,174.22	7,543.47	7,226.19	38.58	33.06	95.88	-159.55	836.93	778.13	707.60	70.53	11.033		
7,550.00	7,193.65	7,487.26	7,216.97	38.98	32.47	93.24	-159.58	781.49	779.41	708.98	70.43	11.067		
7,600.00	7,209.45	7,432.57	7,202.18	39.43	32.00	90.65	-160.25	728.86	780.59	710.18	70.41	11.086		
7,650.00	7,221.52	7,379.56	7,184.65	39.91	31.54	88.26	-161.70	678.86	781.57	711.20	70.37	11.107		
7,700.00	7,229.79	7,331.82	7,165.75	40.42	31.22	86.19	-163.60	635.08	782.35	711.91	70.44	11.106		
7,750.00	7,234.21	7,286.69	7,144.66	40.97	30.92	84.27	-165.85	595.26	783.02	712.49	70.53	11.102		
7,780.56	7,235.00	7,266.89	7,134.41	41.32	30.80	83.43	-166.92	578.35	783.46	712.72	70.74	11.075		
7,800.00	7,235.04	7,256.05	7,128.47	41.54	30.74	83.00	-167.45	569.30	783.94	713.03	70.91	11.055		
7,900.00	7,235.26	7,205.84	7,098.02	42.82	30.48	80.77	-169.32	529.47	790.78	718.93	71.85	11.006		
8,000.00	7,235.47	7,154.87	7,062.70	44.25	30.24	78.23	-170.48	492.75	805.46	732.79	72.67	11.084		
8,100.00	7,235.68	7,106.72	7,026.37	45.82	30.04	75.66	-171.76	461.21	827.71	754.35	73.36	11.282		
8,200.00	7,235.90	7,070.99	6,997.79	47.52	29.89	73.67	-172.76	439.79	858.00	783.87	74.13	11.574		
8,300.00	7,236.11	7,041.56	6,973.46	49.34	29.77	72.01	-173.21	423.26	896.40	821.57	74.83	11.980		
8,400.00	7,236.32	6,999.00	6,937.09	51.25	29.61	69.61	-173.22	401.15	942.58	867.54	75.05	12.560		
8,500.00	7,236.54	6,999.00	6,937.09	53.26	29.61	69.61	-173.22	401.15	994.91	918.96	75.94	13.101		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Fagerberg 11C-7-M - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 342-MWD+IFR1															Offset Well Error:		0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
8,600.00	7,236.75	6,967.75	6,909.61	55.34	29.49	67.85	-172.86	386.28	1,053.19	977.11	76.08	13.844					
8,700.00	7,236.96	6,946.72	6,890.79	57.50	29.41	66.67	-172.52	376.90	1,116.54	1,040.27	76.27	14.640					
8,800.00	7,237.17	6,927.84	6,873.68	59.71	29.34	65.62	-172.17	368.93	1,184.23	1,107.84	76.39	15.502					
8,900.00	7,237.39	6,904.00	6,851.81	61.98	29.24	64.31	-171.63	359.47	1,255.70	1,179.33	76.37	16.443					
9,000.00	7,237.60	6,904.00	6,851.81	64.29	29.24	64.31	-171.63	359.47	1,330.36	1,253.77	76.59	17.371					
9,100.00	7,237.81	6,873.68	6,823.59	66.65	29.13	62.65	-171.17	348.39	1,407.52	1,331.13	76.39	18.426					
9,200.00	7,238.03	6,857.08	6,807.97	69.05	29.06	61.75	-171.15	342.77	1,487.08	1,410.76	76.32	19.485					
9,300.00	7,238.24	6,842.23	6,793.91	71.48	29.00	60.95	-171.28	338.02	1,568.66	1,492.41	76.24	20.574					
9,400.00	7,238.45	6,812.00	6,765.02	73.95	28.88	59.32	-171.95	329.14	1,652.19	1,576.20	75.99	21.743					
9,500.00	7,238.67	6,812.00	6,765.02	76.44	28.88	59.32	-171.95	329.14	1,736.89	1,660.86	76.03	22.845					
9,600.00	7,238.88	6,812.00	6,765.02	78.96	28.88	59.32	-171.95	329.14	1,823.14	1,747.10	76.04	23.975					
9,700.00	7,239.09	6,812.00	6,765.02	81.50	28.88	59.32	-171.95	329.14	1,910.73	1,834.70	76.03	25.131					
9,800.00	7,239.30	6,812.00	6,765.02	84.06	28.88	59.32	-171.95	329.14	1,999.48	1,923.48	76.00	26.309					
9,900.00	7,239.52	6,812.00	6,765.02	86.64	28.88	59.32	-171.95	329.14	2,089.25	2,013.29	75.96	27.505					
10,000.00	7,239.73	6,812.00	6,765.02	89.23	28.88	59.32	-171.95	329.14	2,179.91	2,104.01	75.91	28.717					
10,100.00	7,239.94	6,776.85	6,731.02	91.85	28.74	57.47	-172.71	320.26	2,270.18	2,194.52	75.66	30.004					
10,200.00	7,240.16	6,771.76	6,726.06	94.47	28.72	57.21	-172.76	319.10	2,361.97	2,286.37	75.59	31.246					
10,300.00	7,240.37	6,766.96	6,721.38	97.11	28.70	56.96	-172.79	318.05	2,454.35	2,378.82	75.53	32.497					
10,400.00	7,240.58	6,762.43	6,716.96	99.76	28.69	56.73	-172.81	317.08	2,547.27	2,471.81	75.46	33.756					
10,500.00	7,240.80	6,758.15	6,712.77	102.43	28.67	56.51	-172.82	316.19	2,640.67	2,565.28	75.40	35.023					
10,600.00	7,241.01	6,754.10	6,708.80	105.10	28.65	56.31	-172.81	315.37	2,734.51	2,659.17	75.34	36.297					
10,700.00	7,241.22	6,718.00	6,673.27	107.79	28.51	54.54	-172.37	309.04	2,829.69	2,754.52	75.17	37.646					
10,800.00	7,241.43	6,718.00	6,673.27	110.48	28.51	54.54	-172.37	309.04	2,924.07	2,848.94	75.13	38.919					
10,900.00	7,241.65	6,718.00	6,673.27	113.18	28.51	54.54	-172.37	309.04	3,018.82	2,943.72	75.10	40.199					
11,000.00	7,241.86	6,718.00	6,673.27	115.89	28.51	54.54	-172.37	309.04	3,113.89	3,038.83	75.06	41.483					
11,100.00	7,242.07	6,718.00	6,673.27	118.60	28.51	54.54	-172.37	309.04	3,209.27	3,134.24	75.03	42.772					
11,200.00	7,242.29	6,718.00	6,673.27	121.32	28.51	54.54	-172.37	309.04	3,304.92	3,229.92	75.00	44.066					
11,300.00	7,242.50	6,718.00	6,673.27	124.05	28.51	54.54	-172.37	309.04	3,400.81	3,325.84	74.97	45.362					
11,400.00	7,242.71	6,718.00	6,673.27	126.78	28.51	54.54	-172.37	309.04	3,496.94	3,422.00	74.94	46.662					
11,500.00	7,242.93	6,718.00	6,673.27	129.52	28.51	54.54	-172.37	309.04	3,593.28	3,518.37	74.91	47.965					
11,600.00	7,243.14	6,718.00	6,673.27	132.27	28.51	54.54	-172.37	309.04	3,689.81	3,614.93	74.89	49.270					
11,700.00	7,243.35	6,718.00	6,673.27	135.02	28.51	54.54	-172.37	309.04	3,786.53	3,711.66	74.87	50.577					
11,800.00	7,243.57	6,718.00	6,673.27	137.77	28.51	54.54	-172.37	309.04	3,883.41	3,808.56	74.84	51.886					
11,900.00	7,243.78	6,718.00	6,673.27	140.53	28.51	54.54	-172.37	309.04	3,980.44	3,905.62	74.83	53.196					
12,000.00	7,243.99	6,718.00	6,673.27	143.29	28.51	54.54	-172.37	309.04	4,077.62	4,002.81	74.81	54.507					
12,100.00	7,244.20	6,718.00	6,673.27	146.05	28.51	54.54	-172.37	309.04	4,174.93	4,100.14	74.79	55.820					
12,200.00	7,244.42	6,718.00	6,673.27	148.82	28.51	54.54	-172.37	309.04	4,272.37	4,197.59	74.78	57.132					
12,300.00	7,244.63	6,718.00	6,673.27	151.60	28.51	54.54	-172.37	309.04	4,369.92	4,295.15	74.77	58.446					
12,400.00	7,244.84	6,718.00	6,673.27	154.37	28.51	54.54	-172.37	309.04	4,467.58	4,392.82	74.76	59.759					
12,500.00	7,245.06	6,718.00	6,673.27	157.15	28.51	54.54	-172.37	309.04	4,565.34	4,490.59	74.75	61.073					
12,600.00	7,245.27	6,718.00	6,673.27	159.93	28.51	54.54	-172.37	309.04	4,663.20	4,588.45	74.75	62.386					
12,700.00	7,245.48	6,718.00	6,673.27	162.71	28.51	54.54	-172.37	309.04	4,761.14	4,686.40	74.74	63.699					
12,800.00	7,245.70	6,718.00	6,673.27	165.50	28.51	54.54	-172.37	309.04	4,859.17	4,784.43	74.74	65.012					
12,900.00	7,245.91	6,718.00	6,673.27	168.29	28.51	54.54	-172.37	309.04	4,957.28	4,882.53	74.74	66.324					
13,000.00	7,246.12	6,718.00	6,673.27	171.08	28.51	54.54	-172.37	309.04	5,055.46	4,980.71	74.75	67.636					
13,100.00	7,246.33	6,718.00	6,673.27	173.87	28.51	54.54	-172.37	309.04	5,153.71	5,078.96	74.75	68.947					
13,200.00	7,246.55	6,718.00	6,673.27	176.67	28.51	54.54	-172.37	309.04	5,252.03	5,177.27	74.76	70.256					
13,300.00	7,246.76	6,718.00	6,673.27	179.47	28.51	54.54	-172.37	309.04	5,350.41	5,275.64	74.76	71.565					
13,400.00	7,246.97	6,718.00	6,673.27	182.27	28.51	54.54	-172.37	309.04	5,448.85	5,374.07	74.77	72.873					
13,500.00	7,247.19	6,718.00	6,673.27	185.07	28.51	54.54	-172.37	309.04	5,547.34	5,472.56	74.78	74.179					
13,600.00	7,247.40	6,718.00	6,673.27	187.87	28.51	54.54	-172.37	309.04	5,645.89	5,571.09	74.80	75.484					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Fagerberg 11C-7-M - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 342-MWD+IFR1													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,247.61	6,718.00	6,673.27	190.68	28.51	54.54	-172.37	309.04	5,744.49	5,669.68	74.81	76.787		
13,800.00	7,247.83	6,718.00	6,673.27	193.48	28.51	54.54	-172.37	309.04	5,843.13	5,768.31	74.83	78.089		
13,900.00	7,248.04	6,718.00	6,673.27	196.29	28.51	54.54	-172.37	309.04	5,941.82	5,866.98	74.84	79.390		
14,000.00	7,248.25	6,718.00	6,673.27	199.10	28.51	54.54	-172.37	309.04	6,040.56	5,965.69	74.86	80.688		
14,100.00	7,248.46	6,718.00	6,673.27	201.91	28.51	54.54	-172.37	309.04	6,139.33	6,064.45	74.88	81.985		
14,200.00	7,248.68	6,718.00	6,673.27	204.72	28.51	54.54	-172.37	309.04	6,238.15	6,163.24	74.91	83.280		
14,300.00	7,248.89	6,718.00	6,673.27	207.53	28.51	54.54	-172.37	309.04	6,337.00	6,262.07	74.93	84.573		
14,400.00	7,249.10	6,718.00	6,673.27	210.35	28.51	54.54	-172.37	309.04	6,435.88	6,360.93	74.95	85.864		
14,500.00	7,249.32	6,718.00	6,673.27	213.16	28.51	54.54	-172.37	309.04	6,534.80	6,459.82	74.98	87.153		
14,600.00	7,249.53	6,718.00	6,673.27	215.98	28.51	54.54	-172.37	309.04	6,633.76	6,558.75	75.01	88.440		
14,700.00	7,249.74	6,718.00	6,673.27	218.80	28.51	54.54	-172.37	309.04	6,732.74	6,657.70	75.04	89.725		
14,800.00	7,249.96	6,718.00	6,673.27	221.62	28.51	54.54	-172.37	309.04	6,831.75	6,756.69	75.07	91.007		
14,900.00	7,250.17	6,718.00	6,673.27	224.44	28.51	54.54	-172.37	309.04	6,930.79	6,855.69	75.10	92.287		
15,000.00	7,250.38	6,718.00	6,673.27	227.26	28.51	54.54	-172.37	309.04	7,029.86	6,954.73	75.13	93.565		
15,100.00	7,250.59	6,718.00	6,673.27	230.08	28.51	54.54	-172.37	309.04	7,128.96	7,053.79	75.17	94.841		
15,200.00	7,250.81	6,718.00	6,673.27	232.90	28.51	54.54	-172.37	309.04	7,228.08	7,152.87	75.20	96.113		
15,300.00	7,251.02	6,718.00	6,673.27	235.72	28.51	54.54	-172.37	309.04	7,327.22	7,251.98	75.24	97.384		
15,400.00	7,251.23	6,718.00	6,673.27	238.55	28.51	54.54	-172.37	309.04	7,426.39	7,351.11	75.28	98.652		
15,500.00	7,251.45	6,718.00	6,673.27	241.37	28.51	54.54	-172.37	309.04	7,525.58	7,450.26	75.32	99.917		
15,600.00	7,251.66	6,675.58	6,631.15	244.20	28.33	52.55	-171.68	304.10	7,623.22	7,547.89	75.33	101.201		
15,700.00	7,251.87	6,674.99	6,630.56	247.03	28.33	52.53	-171.67	304.05	7,722.40	7,647.03	75.37	102.462		
15,800.00	7,252.09	6,674.41	6,629.99	249.85	28.33	52.50	-171.66	304.01	7,821.61	7,746.20	75.41	103.719		
15,900.00	7,252.30	6,673.85	6,629.43	252.68	28.32	52.47	-171.66	303.96	7,920.84	7,845.38	75.46	104.974		
16,000.00	7,252.51	6,673.31	6,628.89	255.51	28.32	52.45	-171.65	303.92	8,020.08	7,944.58	75.50	106.226		
16,100.00	7,252.72	6,672.77	6,628.35	258.34	28.32	52.42	-171.65	303.88	8,119.35	8,043.80	75.55	107.475		
16,200.00	7,252.94	6,672.25	6,627.83	261.17	28.32	52.40	-171.64	303.84	8,218.63	8,143.03	75.59	108.721		
16,300.00	7,253.15	6,671.74	6,627.32	264.00	28.31	52.38	-171.64	303.80	8,317.92	8,242.28	75.64	109.964		
16,400.00	7,253.36	6,671.24	6,626.83	266.83	28.31	52.35	-171.63	303.76	8,417.24	8,341.55	75.69	111.205		
16,500.00	7,253.58	6,670.76	6,626.34	269.66	28.31	52.33	-171.63	303.73	8,516.57	8,440.83	75.74	112.442		
16,600.00	7,253.79	6,670.28	6,625.87	272.50	28.31	52.31	-171.63	303.69	8,615.91	8,540.12	75.79	113.677		
16,700.00	7,254.00	6,669.81	6,625.40	275.33	28.31	52.29	-171.62	303.66	8,715.27	8,639.43	75.85	114.908		
16,800.00	7,254.22	6,669.36	6,624.95	278.16	28.30	52.27	-171.62	303.62	8,814.65	8,738.75	75.90	116.136		
16,900.00	7,254.43	6,668.91	6,624.50	281.00	28.30	52.25	-171.61	303.59	8,914.03	8,838.08	75.95	117.361		
17,000.00	7,254.64	6,668.47	6,624.07	283.83	28.30	52.23	-171.61	303.56	9,013.43	8,937.42	76.01	118.583		
17,100.00	7,254.85	6,668.05	6,623.64	286.67	28.30	52.21	-171.61	303.53	9,112.85	9,036.78	76.07	119.802		
17,200.00	7,255.07	6,625.00	6,580.63	289.50	28.12	50.28	-171.53	302.09	9,213.85	9,137.77	76.08	121.109		
17,300.00	7,255.28	6,625.00	6,580.63	292.34	28.12	50.28	-171.53	302.09	9,313.25	9,237.11	76.14	122.320		
17,400.00	7,255.49	6,625.00	6,580.63	295.17	28.12	50.28	-171.53	302.09	9,412.67	9,336.47	76.20	123.529		
17,500.00	7,255.71	6,625.00	6,580.63	298.01	28.12	50.28	-171.53	302.09	9,512.10	9,435.84	76.26	124.734		
17,600.00	7,255.92	6,625.00	6,580.63	300.85	28.12	50.28	-171.53	302.09	9,611.55	9,535.23	76.32	125.936		
17,700.00	7,256.13	6,625.00	6,580.63	303.68	28.12	50.28	-171.53	302.09	9,711.00	9,634.62	76.38	127.135		
17,800.00	7,256.35	6,625.00	6,580.63	306.52	28.12	50.28	-171.53	302.09	9,810.47	9,734.02	76.45	128.331		
17,900.00	7,256.56	6,625.00	6,580.63	309.36	28.12	50.28	-171.53	302.09	9,909.94	9,833.43	76.51	129.523		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 170-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	134.16	-492.90	507.54	707.58					
100.00	100.00	93.22	93.21	3.28	3.29	134.26	-493.61	506.46	707.23	700.66	6.57	107.621		
200.00	200.00	198.14	198.03	3.34	3.32	134.61	-495.98	502.78	706.30	699.65	6.66	106.105		
300.00	300.00	305.40	305.23	3.44	3.42	134.86	-496.80	499.31	704.55	697.68	6.87	102.562		
400.00	399.98	430.54	430.26	3.60	3.61	9.87	-492.99	496.13	698.92	691.68	7.24	96.595		
500.00	499.84	555.78	555.09	3.79	3.88	9.93	-485.30	489.72	685.79	678.05	7.73	88.691		
600.00	599.45	655.48	654.26	4.03	4.13	10.04	-477.40	483.21	667.05	658.84	8.21	81.202		
700.00	698.70	825.06	821.73	4.30	4.64	10.44	-459.08	465.37	640.41	631.28	9.13	70.144		
800.00	797.47	913.48	908.15	4.61	4.94	10.81	-445.64	452.39	604.53	594.85	9.67	62.503		
900.00	895.62	987.97	981.35	4.95	5.20	11.21	-435.51	443.02	567.89	557.69	10.19	55.722		
1,000.00	993.06	1,065.88	1,058.29	5.33	5.49	11.79	-426.86	434.36	530.76	519.99	10.77	49.279		
1,100.00	1,090.08	1,159.58	1,151.00	5.74	5.84	12.52	-417.90	424.11	493.26	481.81	11.45	43.084		
1,200.00	1,187.11	1,257.50	1,247.77	6.17	6.23	13.43	-408.11	412.85	455.17	443.00	12.16	37.428		
1,300.00	1,284.14	1,344.44	1,333.71	6.61	6.58	14.28	-398.99	403.42	417.24	404.39	12.86	32.449		
1,400.00	1,381.17	1,436.42	1,424.73	7.07	6.95	15.28	-389.48	394.13	379.99	366.40	13.59	27.954		
1,500.00	1,478.20	1,530.63	1,517.94	7.55	7.34	16.49	-379.48	384.69	342.73	328.37	14.35	23.881		
1,600.00	1,575.23	1,625.05	1,611.27	8.03	7.74	17.89	-368.72	375.32	305.09	289.97	15.12	20.175		
1,700.00	1,672.26	1,713.19	1,698.45	8.52	8.11	19.47	-358.73	367.11	268.03	252.12	15.91	16.844		
1,800.00	1,769.29	1,806.23	1,790.59	9.01	8.50	21.64	-348.75	358.92	231.98	215.26	16.72	13.875		
1,900.00	1,866.32	1,900.75	1,884.14	9.51	8.91	24.68	-338.35	350.30	195.95	178.41	17.54	11.172		
2,000.00	1,963.35	1,991.87	1,974.27	10.02	9.30	28.68	-327.69	342.26	160.15	141.73	18.41	8.698		
2,100.00	2,060.38	2,081.39	2,063.06	10.53	9.69	34.65	-318.78	335.14	127.30	107.93	19.37	6.572		
2,200.00	2,157.41	2,172.19	2,153.40	11.04	10.07	44.30	-312.41	328.59	99.60	79.16	20.44	4.873		
2,300.00	2,254.44	2,264.75	2,245.71	11.56	10.46	58.95	-308.18	323.42	79.11	57.47	21.63	3.657		
2,400.00	2,351.47	2,358.73	2,339.55	12.07	10.84	79.44	-306.59	318.45	69.70	46.86	22.84	3.051		
2,428.76	2,379.37	2,386.27	2,367.07	12.22	10.95	85.53	-306.62	317.54	69.25	46.10	23.14	2.992 CC, ES, SF		
2,500.00	2,448.50	2,455.39	2,436.16	12.59	11.22	100.22	-306.83	315.69	71.54	47.76	23.78	3.008		
2,600.00	2,545.53	2,551.16	2,531.89	13.12	11.60	118.01	-306.70	312.77	82.29	57.85	24.44	3.367		
2,700.00	2,642.56	2,650.51	2,631.18	13.64	11.99	129.90	-308.92	310.90	98.71	73.59	25.12	3.930		
2,800.00	2,739.59	2,748.09	2,728.73	14.17	12.36	138.02	-310.90	311.84	115.23	89.43	25.80	4.466		
2,900.00	2,836.62	2,843.58	2,824.22	14.69	12.75	145.16	-310.00	311.29	134.97	108.50	26.47	5.098		
3,000.00	2,933.65	2,942.85	2,923.49	15.22	13.15	150.28	-310.05	310.71	156.19	128.95	27.25	5.733		
3,100.00	3,030.68	3,043.23	3,023.84	15.75	13.53	153.73	-311.84	312.02	176.19	148.14	28.05	6.282		
3,200.00	3,127.71	3,138.62	3,119.21	16.28	13.90	156.80	-312.11	313.91	196.33	167.53	28.80	6.816		
3,300.00	3,224.74	3,233.22	3,213.80	16.82	14.28	159.50	-311.27	314.74	218.25	188.68	29.57	7.381		
3,400.00	3,321.76	3,328.70	3,309.27	17.35	14.68	161.66	-310.45	314.65	241.47	211.09	30.37	7.950		
3,500.00	3,418.79	3,424.99	3,405.56	17.88	15.08	163.40	-309.77	314.12	265.33	234.13	31.20	8.504		
3,600.00	3,515.82	3,520.46	3,501.02	18.42	15.48	164.85	-308.96	313.32	289.69	257.67	32.03	9.045		
3,700.00	3,612.85	3,613.83	3,594.38	18.95	15.87	166.07	-307.85	311.92	314.93	282.09	32.83	9.592		
3,800.00	3,709.88	3,723.75	3,704.28	19.49	16.32	167.22	-307.40	311.46	339.06	305.23	33.83	10.023		
3,900.00	3,806.91	3,823.23	3,803.75	20.02	16.71	168.17	-307.60	313.35	360.94	326.26	34.68	10.408		
4,000.00	3,903.94	3,919.98	3,900.46	20.56	17.10	169.17	-306.79	315.83	382.74	347.23	35.51	10.778		
4,100.00	4,000.97	4,018.47	3,998.92	21.09	17.50	169.94	-306.91	318.10	404.46	368.10	36.37	11.122		
4,200.00	4,098.00	4,116.21	4,096.63	21.63	17.89	170.34	-308.92	319.48	426.22	389.00	37.22	11.452		
4,300.00	4,195.03	4,212.51	4,192.86	22.17	18.27	170.52	-312.20	320.49	447.74	409.68	38.07	11.762		
4,400.00	4,292.06	4,299.98	4,280.26	22.71	18.62	170.52	-315.70	319.70	470.72	431.89	38.83	12.122		
4,500.00	4,389.09	4,388.31	4,368.50	23.25	18.98	170.49	-318.60	317.01	495.85	456.25	39.61	12.520		
4,600.00	4,486.12	4,490.19	4,470.33	23.78	19.40	170.64	-320.40	314.45	521.19	480.65	40.54	12.857		
4,700.00	4,583.15	4,594.93	4,575.07	24.32	19.83	171.04	-320.77	314.10	545.23	503.75	41.48	13.145		
4,800.00	4,680.18	4,697.73	4,677.85	24.86	20.25	171.58	-320.03	315.71	568.11	525.72	42.39	13.402		
4,900.00	4,777.21	4,800.61	4,780.69	25.40	20.67	172.14	-319.15	318.42	590.16	546.87	43.30	13.631		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Fagerberg 11N-7A-M - OH - OH												Offset Site Error: 0.00 ft	
Survey Program: 170-MWD+IFR1												Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)		
5,000.00	4,874.24	4,891.59	4,871.63	25.94	21.05	172.59	-318.66	321.08	611.90	567.80	44.10	13.875	
5,100.00	4,971.27	4,979.99	4,960.03	26.48	21.42	172.89	-318.40	321.62	635.49	590.61	44.88	14.159	
5,200.00	5,068.30	5,075.63	5,055.66	27.02	21.81	173.08	-318.96	321.11	659.71	613.97	45.74	14.423	
5,300.00	5,165.33	5,174.45	5,154.47	27.56	22.22	173.21	-320.08	320.31	683.91	637.28	46.63	14.666	
5,400.00	5,262.36	5,269.36	5,249.37	28.10	22.61	173.28	-321.73	319.44	707.92	660.44	47.48	14.909	
5,500.00	5,359.39	5,357.77	5,337.74	28.64	22.98	173.31	-323.31	317.79	732.72	684.45	48.27	15.180	
5,600.00	5,456.42	5,455.94	5,435.89	29.18	23.39	173.41	-323.74	315.60	758.46	709.30	49.17	15.427	
5,700.00	5,553.45	5,556.66	5,536.60	29.72	23.82	173.66	-322.97	315.11	783.27	733.19	50.08	15.639	
5,800.00	5,650.47	5,646.90	5,626.83	30.27	24.21	173.92	-321.53	314.84	808.35	757.46	50.89	15.884	
5,900.00	5,747.50	5,752.13	5,732.04	30.81	24.65	174.19	-319.86	314.08	833.81	781.95	51.86	16.079	
6,000.00	5,844.53	5,859.29	5,839.20	31.35	25.11	174.44	-319.04	314.72	857.75	804.91	52.83	16.235	
6,100.00	5,941.56	5,954.78	5,934.68	31.89	25.50	174.64	-318.60	315.63	881.25	827.57	53.69	16.415	
6,200.00	6,038.59	6,056.22	6,036.12	32.43	25.92	174.74	-319.68	315.81	904.68	850.08	54.60	16.570	
6,300.00	6,135.62	6,154.71	6,134.59	32.97	26.33	174.79	-321.40	316.13	927.66	872.17	55.48	16.719	
6,400.00	6,232.65	7,585.86	6,966.24	33.51	36.90	-136.39	-312.48	1,163.31	889.27	847.71	41.56	21.396	
6,500.00	6,329.68	7,599.85	6,965.51	34.06	37.13	-135.07	-312.03	1,177.27	817.72	771.60	46.12	17.731	
6,600.00	6,426.71	7,614.16	6,964.78	34.60	37.36	-133.72	-311.59	1,191.55	752.40	701.20	51.21	14.694	
6,655.36	6,480.43	7,622.21	6,964.38	34.90	37.50	-132.95	-311.35	1,199.59	719.55	665.34	54.21	13.274	
6,700.00	6,524.01	7,627.22	6,964.14	35.13	37.58	-142.02	-311.21	1,204.59	694.95	638.28	56.67	12.262	
6,750.00	6,573.29	7,629.13	6,964.05	35.36	37.61	-161.71	-311.15	1,206.50	669.64	610.24	59.40	11.274	
6,800.00	6,622.76	7,627.06	6,964.15	35.56	37.58	170.01	-311.21	1,204.43	647.13	585.13	62.00	10.437	
6,850.00	6,672.13	7,620.96	6,964.44	35.73	37.48	145.91	-311.39	1,198.34	627.85	563.44	64.41	9.748	
6,900.00	6,721.08	7,610.80	6,964.95	35.88	37.31	130.96	-311.69	1,188.20	612.10	545.59	66.51	9.203	
6,950.00	6,769.31	7,596.57	6,965.68	36.03	37.07	121.65	-312.13	1,174.00	600.07	531.83	68.24	8.793	
7,000.00	6,816.53	7,578.30	6,966.64	36.18	36.77	115.06	-312.73	1,155.76	591.78	522.25	69.53	8.511	
7,050.00	6,862.44	7,556.05	6,967.86	36.34	36.40	109.72	-313.50	1,133.55	587.09	516.74	70.35	8.345	
7,097.29	6,904.41	7,532.09	6,969.19	36.49	36.04	105.26	-314.37	1,109.65	585.71	514.97	70.74	8.279	
7,100.00	6,906.77	7,530.63	6,969.28	36.50	36.02	105.01	-314.42	1,108.19	585.71	514.96	70.75	8.278	
7,150.00	6,949.23	7,501.89	6,970.87	36.68	35.58	100.59	-315.49	1,079.52	587.25	516.51	70.74	8.301	
7,200.00	6,989.58	7,469.97	6,972.62	36.87	35.10	96.32	-316.71	1,047.67	591.21	520.83	70.38	8.400	
7,250.00	7,027.55	7,438.56	6,974.30	37.09	34.66	92.42	-317.88	1,016.32	597.09	527.24	69.85	8.548	
7,300.00	7,062.91	7,406.40	6,975.87	37.32	34.23	88.77	-318.86	984.22	604.57	535.38	69.19	8.738	
7,350.00	7,095.45	7,372.34	6,977.38	37.59	33.77	85.31	-319.65	950.20	613.16	544.73	68.43	8.961	
7,400.00	7,124.97	7,342.20	6,978.10	37.88	33.39	82.32	-320.11	920.07	622.54	554.77	67.77	9.186	
7,450.00	7,151.28	7,313.95	6,977.22	38.21	33.05	79.57	-320.31	891.85	632.72	565.55	67.17	9.419	
7,500.00	7,174.22	7,286.28	6,974.86	38.58	32.72	76.99	-320.27	864.28	643.53	576.90	66.63	9.658	
7,550.00	7,193.65	7,258.65	6,971.05	38.98	32.41	74.54	-320.00	836.91	654.78	588.60	66.17	9.895	
7,600.00	7,209.45	7,230.77	6,965.88	39.43	32.11	72.25	-319.52	809.53	666.24	600.42	65.82	10.122	
7,650.00	7,221.52	7,203.15	6,959.48	39.91	31.82	70.14	-318.82	782.67	677.73	612.15	65.58	10.334	
7,700.00	7,229.79	7,178.00	6,952.57	40.42	31.55	68.28	-318.00	758.51	689.11	623.58	65.53	10.516	
7,750.00	7,234.21	7,147.56	6,942.96	40.97	31.28	66.45	-316.75	729.65	700.18	634.70	65.48	10.693	
7,780.56	7,235.00	7,130.38	6,937.00	41.32	31.12	65.48	-315.91	713.56	706.72	641.18	65.54	10.783	
7,800.00	7,235.04	7,119.52	6,933.03	41.54	31.03	65.20	-315.33	703.47	710.94	645.34	65.60	10.838	
7,900.00	7,235.26	7,061.99	6,909.46	42.82	30.55	63.59	-311.73	651.13	736.24	670.41	65.83	11.184	
8,000.00	7,235.47	7,002.14	6,879.90	44.25	30.11	61.60	-308.69	599.21	766.79	700.86	65.93	11.631	
8,100.00	7,235.68	6,950.09	6,850.14	45.82	29.79	59.64	-306.92	556.56	802.76	736.60	66.16	12.133	
8,200.00	7,235.90	6,895.00	6,814.92	47.52	29.47	57.40	-305.69	514.24	844.56	778.36	66.20	12.759	
8,300.00	7,236.11	6,864.01	6,793.64	49.34	29.32	56.09	-305.11	491.73	891.85	824.94	66.91	13.329	
8,400.00	7,236.32	6,827.81	6,767.67	51.25	29.14	54.56	-304.28	466.52	944.58	877.22	67.36	14.022	
8,500.00	7,236.54	6,801.00	6,747.71	53.26	29.01	53.42	-303.56	448.64	1,002.23	934.26	67.97	14.745	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Fagerberg 11N-7A-M - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 170-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,600.00	7,236.75	6,763.22	6,718.35	55.34	28.85	51.80	-302.92	424.88	1,064.12	995.92	68.20	15.603		
8,700.00	7,236.96	6,735.88	6,696.17	57.50	28.73	50.60	-303.02	408.91	1,129.95	1,061.36	68.58	16.475		
8,800.00	7,237.17	6,707.00	6,671.95	59.71	28.61	49.31	-303.63	393.20	1,199.33	1,130.49	68.84	17.422		
8,900.00	7,237.39	6,707.00	6,671.95	61.98	28.61	49.31	-303.63	393.20	1,272.06	1,202.46	69.60	18.276		
9,000.00	7,237.60	6,674.30	6,643.57	64.29	28.48	47.82	-305.02	377.03	1,347.17	1,277.55	69.62	19.349		
9,100.00	7,237.81	6,658.92	6,629.88	66.65	28.42	47.12	-305.97	370.07	1,425.03	1,355.12	69.91	20.385		
9,200.00	7,238.03	6,645.26	6,617.57	69.05	28.36	46.49	-306.96	364.26	1,505.08	1,434.93	70.15	21.455		
9,300.00	7,238.24	6,612.00	6,586.99	71.48	28.23	44.95	-309.96	351.52	1,587.53	1,517.50	70.03	22.668		
9,400.00	7,238.45	6,612.00	6,586.99	73.95	28.23	44.95	-309.96	351.52	1,670.85	1,600.45	70.40	23.735		
9,500.00	7,238.67	6,612.00	6,586.99	76.44	28.23	44.95	-309.96	351.52	1,755.90	1,685.21	70.69	24.841		
9,600.00	7,238.88	6,612.00	6,586.99	78.96	28.23	44.95	-309.96	351.52	1,842.46	1,771.54	70.92	25.979		
9,700.00	7,239.09	6,612.00	6,586.99	81.50	28.23	44.95	-309.96	351.52	1,930.31	1,859.20	71.11	27.146		
9,800.00	7,239.30	6,612.00	6,586.99	84.06	28.23	44.95	-309.96	351.52	2,019.30	1,948.04	71.26	28.338		
9,900.00	7,239.52	6,612.00	6,586.99	86.64	28.23	44.95	-309.96	351.52	2,109.27	2,037.89	71.38	29.550		
10,000.00	7,239.73	6,612.00	6,586.99	89.23	28.23	44.95	-309.96	351.52	2,200.11	2,128.63	71.48	30.781		
10,100.00	7,239.94	6,572.98	6,550.19	91.85	28.07	43.17	-313.70	339.13	2,289.93	2,218.68	71.25	32.141		
10,200.00	7,240.16	6,567.90	6,545.33	94.47	28.05	42.95	-314.14	337.72	2,381.73	2,310.44	71.29	33.408		
10,300.00	7,240.37	6,563.14	6,540.77	97.11	28.03	42.74	-314.55	336.44	2,474.11	2,402.78	71.33	34.685		
10,400.00	7,240.58	6,558.67	6,536.47	99.76	28.02	42.54	-314.92	335.27	2,567.01	2,495.65	71.36	35.971		
10,500.00	7,240.80	6,518.00	6,496.93	102.43	27.85	40.82	-317.98	326.31	2,661.91	2,590.75	71.16	37.406		
10,600.00	7,241.01	6,518.00	6,496.93	105.10	27.85	40.82	-317.98	326.31	2,755.40	2,684.17	71.22	38.687		
10,700.00	7,241.22	6,518.00	6,496.93	107.79	27.85	40.82	-317.98	326.31	2,849.32	2,778.05	71.28	39.976		
10,800.00	7,241.43	6,518.00	6,496.93	110.48	27.85	40.82	-317.98	326.31	2,943.65	2,872.33	71.32	41.273		
10,900.00	7,241.65	6,518.00	6,496.93	113.18	27.85	40.82	-317.98	326.31	3,038.35	2,966.98	71.36	42.577		
11,000.00	7,241.86	6,518.00	6,496.93	115.89	27.85	40.82	-317.98	326.31	3,133.37	3,061.97	71.40	43.887		
11,100.00	7,242.07	6,518.00	6,496.93	118.60	27.85	40.82	-317.98	326.31	3,228.69	3,157.26	71.43	45.203		
11,200.00	7,242.29	6,518.00	6,496.93	121.32	27.85	40.82	-317.98	326.31	3,324.29	3,252.83	71.45	46.523		
11,300.00	7,242.50	6,518.00	6,496.93	124.05	27.85	40.82	-317.98	326.31	3,420.14	3,348.66	71.48	47.848		
11,400.00	7,242.71	6,518.00	6,496.93	126.78	27.85	40.82	-317.98	326.31	3,516.22	3,444.71	71.50	49.176		
11,500.00	7,242.93	6,518.00	6,496.93	129.52	27.85	40.82	-317.98	326.31	3,612.51	3,540.99	71.52	50.508		
11,600.00	7,243.14	6,518.00	6,496.93	132.27	27.85	40.82	-317.98	326.31	3,709.00	3,637.46	71.54	51.842		
11,700.00	7,243.35	6,518.00	6,496.93	135.02	27.85	40.82	-317.98	326.31	3,805.67	3,734.11	71.56	53.179		
11,800.00	7,243.57	6,518.00	6,496.93	137.77	27.85	40.82	-317.98	326.31	3,902.51	3,830.93	71.58	54.518		
11,900.00	7,243.78	6,518.00	6,496.93	140.53	27.85	40.82	-317.98	326.31	3,999.50	3,927.90	71.60	55.858		
12,000.00	7,243.99	6,518.00	6,496.93	143.29	27.85	40.82	-317.98	326.31	4,096.64	4,025.02	71.62	57.200		
12,100.00	7,244.20	6,518.00	6,496.93	146.05	27.85	40.82	-317.98	326.31	4,193.91	4,122.28	71.64	58.543		
12,200.00	7,244.42	6,518.00	6,496.93	148.82	27.85	40.82	-317.98	326.31	4,291.31	4,219.65	71.66	59.887		
12,300.00	7,244.63	6,518.00	6,496.93	151.60	27.85	40.82	-317.98	326.31	4,388.83	4,317.15	71.68	61.231		
12,400.00	7,244.84	6,518.00	6,496.93	154.37	27.85	40.82	-317.98	326.31	4,486.45	4,414.76	71.70	62.576		
12,500.00	7,245.06	6,518.00	6,496.93	157.15	27.85	40.82	-317.98	326.31	4,584.18	4,512.46	71.72	63.921		
12,600.00	7,245.27	6,518.00	6,496.93	159.93	27.85	40.82	-317.98	326.31	4,682.00	4,610.26	71.74	65.266		
12,700.00	7,245.48	6,518.00	6,496.93	162.71	27.85	40.82	-317.98	326.31	4,779.91	4,708.16	71.76	66.611		
12,800.00	7,245.70	6,518.00	6,496.93	165.50	27.85	40.82	-317.98	326.31	4,877.91	4,806.13	71.78	67.955		
12,900.00	7,245.91	6,518.00	6,496.93	168.29	27.85	40.82	-317.98	326.31	4,975.99	4,904.19	71.80	69.299		
13,000.00	7,246.12	6,518.00	6,496.93	171.08	27.85	40.82	-317.98	326.31	5,074.14	5,002.31	71.83	70.642		
13,100.00	7,246.33	6,518.00	6,496.93	173.87	27.85	40.82	-317.98	326.31	5,172.37	5,100.51	71.85	71.984		
13,200.00	7,246.55	6,518.00	6,496.93	176.67	27.85	40.82	-317.98	326.31	5,270.66	5,198.78	71.88	73.325		
13,300.00	7,246.76	6,518.00	6,496.93	179.47	27.85	40.82	-317.98	326.31	5,369.01	5,297.10	71.91	74.666		
13,400.00	7,246.97	6,518.00	6,496.93	182.27	27.85	40.82	-317.98	326.31	5,467.42	5,395.49	71.94	76.005		
13,500.00	7,247.19	6,518.00	6,496.93	185.07	27.85	40.82	-317.98	326.31	5,565.89	5,493.93	71.96	77.342		
13,600.00	7,247.40	6,518.00	6,496.93	187.87	27.85	40.82	-317.98	326.31	5,664.42	5,592.42	71.99	78.678		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Fagerberg 11N-7A-M - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 170-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,247.61	6,477.35	6,456.86	190.68	27.68	39.20	-320.31	319.92	5,761.72	5,689.77	71.95	80.077		
13,800.00	7,247.83	6,475.92	6,455.43	193.48	27.68	39.15	-320.38	319.74	5,860.26	5,788.27	71.98	81.411		
13,900.00	7,248.04	6,474.52	6,454.05	196.29	27.67	39.09	-320.45	319.56	5,958.84	5,886.82	72.02	82.744		
14,000.00	7,248.25	6,473.17	6,452.71	199.10	27.67	39.04	-320.51	319.39	6,057.46	5,985.41	72.05	84.074		
14,100.00	7,248.46	6,471.85	6,451.41	201.91	27.66	38.99	-320.57	319.22	6,156.13	6,084.04	72.08	85.403		
14,200.00	7,248.68	6,470.57	6,450.14	204.72	27.65	38.94	-320.62	319.07	6,254.83	6,182.71	72.12	86.730		
14,300.00	7,248.89	6,469.33	6,448.90	207.53	27.65	38.90	-320.68	318.92	6,353.58	6,281.42	72.16	88.054		
14,400.00	7,249.10	6,468.11	6,447.70	210.35	27.64	38.85	-320.73	318.77	6,452.36	6,380.16	72.19	89.377		
14,500.00	7,249.32	6,466.93	6,446.53	213.16	27.64	38.81	-320.78	318.63	6,551.17	6,478.94	72.23	90.697		
14,600.00	7,249.53	6,425.00	6,404.79	215.98	27.47	37.29	-322.11	314.87	6,651.27	6,579.05	72.22	92.096		
14,700.00	7,249.74	6,425.00	6,404.79	218.80	27.47	37.29	-322.11	314.87	6,750.08	6,677.82	72.26	93.408		
14,800.00	7,249.96	6,425.00	6,404.79	221.62	27.47	37.29	-322.11	314.87	6,848.93	6,776.62	72.31	94.718		
14,900.00	7,250.17	6,425.00	6,404.79	224.44	27.47	37.29	-322.11	314.87	6,947.81	6,875.45	72.35	96.026		
15,000.00	7,250.38	6,425.00	6,404.79	227.26	27.47	37.29	-322.11	314.87	7,046.72	6,974.32	72.40	97.331		
15,100.00	7,250.59	6,425.00	6,404.79	230.08	27.47	37.29	-322.11	314.87	7,145.66	7,073.21	72.45	98.634		
15,200.00	7,250.81	6,425.00	6,404.79	232.90	27.47	37.29	-322.11	314.87	7,244.62	7,172.13	72.49	99.934		
15,300.00	7,251.02	6,425.00	6,404.79	235.72	27.47	37.29	-322.11	314.87	7,343.62	7,271.08	72.54	101.231		
15,400.00	7,251.23	6,425.00	6,404.79	238.55	27.47	37.29	-322.11	314.87	7,442.65	7,370.05	72.59	102.526		
15,500.00	7,251.45	6,425.00	6,404.79	241.37	27.47	37.29	-322.11	314.87	7,541.70	7,469.05	72.64	103.819		
15,600.00	7,251.66	6,425.00	6,404.79	244.20	27.47	37.29	-322.11	314.87	7,640.77	7,568.08	72.69	105.108		
15,700.00	7,251.87	6,425.00	6,404.79	247.03	27.47	37.29	-322.11	314.87	7,739.87	7,667.12	72.75	106.395		
15,800.00	7,252.09	6,425.00	6,404.79	249.85	27.47	37.29	-322.11	314.87	7,838.99	7,766.19	72.80	107.678		
15,900.00	7,252.30	6,425.00	6,404.79	252.68	27.47	37.29	-322.11	314.87	7,938.13	7,865.28	72.85	108.959		
16,000.00	7,252.51	6,425.00	6,404.79	255.51	27.47	37.29	-322.11	314.87	8,037.30	7,964.39	72.91	110.237		
16,100.00	7,252.72	6,425.00	6,404.79	258.34	27.47	37.29	-322.11	314.87	8,136.48	8,063.52	72.97	111.512		
16,200.00	7,252.94	6,425.00	6,404.79	261.17	27.47	37.29	-322.11	314.87	8,235.69	8,162.66	73.02	112.784		
16,300.00	7,253.15	6,425.00	6,404.79	264.00	27.47	37.29	-322.11	314.87	8,334.91	8,261.83	73.08	114.053		
16,400.00	7,253.36	6,425.00	6,404.79	266.83	27.47	37.29	-322.11	314.87	8,434.15	8,361.01	73.14	115.318		
16,500.00	7,253.58	6,425.00	6,404.79	269.66	27.47	37.29	-322.11	314.87	8,533.41	8,460.21	73.20	116.581		
16,600.00	7,253.79	6,425.00	6,404.79	272.50	27.47	37.29	-322.11	314.87	8,632.69	8,559.43	73.26	117.840		
16,700.00	7,254.00	6,425.00	6,404.79	275.33	27.47	37.29	-322.11	314.87	8,731.98	8,658.66	73.32	119.096		
16,800.00	7,254.22	6,425.00	6,404.79	278.16	27.47	37.29	-322.11	314.87	8,831.29	8,757.91	73.38	120.349		
16,900.00	7,254.43	6,425.00	6,404.79	281.00	27.47	37.29	-322.11	314.87	8,930.62	8,857.17	73.44	121.598		
17,000.00	7,254.64	6,425.00	6,404.79	283.83	27.47	37.29	-322.11	314.87	9,029.95	8,956.45	73.51	122.844		
17,100.00	7,254.85	6,425.00	6,404.79	286.67	27.47	37.29	-322.11	314.87	9,129.31	9,055.74	73.57	124.086		
17,200.00	7,255.07	6,425.00	6,404.79	289.50	27.47	37.29	-322.11	314.87	9,228.68	9,155.04	73.64	125.326		
17,300.00	7,255.28	6,425.00	6,404.79	292.34	27.47	37.29	-322.11	314.87	9,328.06	9,254.35	73.70	126.561		
17,400.00	7,255.49	6,425.00	6,404.79	295.17	27.47	37.29	-322.11	314.87	9,427.45	9,353.68	73.77	127.794		
17,500.00	7,255.71	6,425.00	6,404.79	298.01	27.47	37.29	-322.11	314.87	9,526.86	9,453.02	73.84	129.022		
17,600.00	7,255.92	6,425.00	6,404.79	300.85	27.47	37.29	-322.11	314.87	9,626.28	9,552.37	73.91	130.248		
17,700.00	7,256.13	6,425.00	6,404.79	303.68	27.47	37.29	-322.11	314.87	9,725.71	9,651.73	73.98	131.469		
17,800.00	7,256.35	6,425.00	6,404.79	306.52	27.47	37.29	-322.11	314.87	9,825.15	9,751.11	74.05	132.687		
17,900.00	7,256.56	6,425.00	6,404.79	309.36	27.47	37.29	-322.11	314.87	9,924.61	9,850.49	74.12	133.902		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 15N-7A-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 141-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	135.32	-512.94	507.26	721.49					
100.00	100.00	76.53	76.52	3.28	3.28	135.34	-513.56	507.58	722.17	715.60	6.57	109.914		
200.00	200.00	171.69	171.65	3.34	3.31	135.40	-515.87	508.71	724.71	718.06	6.65	108.981		
300.00	300.00	294.58	294.52	3.44	3.42	135.55	-517.88	508.09	725.53	718.65	6.87	105.592		
400.00	399.98	432.58	432.37	3.60	3.64	10.91	-517.50	502.20	720.71	713.44	7.28	99.067		
500.00	499.84	557.89	557.00	3.79	3.91	11.69	-515.35	489.50	707.22	699.44	7.78	90.878		
600.00	599.45	653.07	651.44	4.03	4.16	12.53	-513.64	477.80	689.06	680.81	8.25	83.526		
700.00	698.70	731.60	729.31	4.30	4.38	13.48	-514.27	467.72	669.28	660.57	8.71	76.841		
800.00	797.47	801.07	798.21	4.61	4.59	14.55	-517.75	459.60	650.16	640.96	9.20	70.685		
900.00	895.62	876.90	873.30	4.95	4.84	15.96	-524.55	451.47	631.71	621.94	9.76	64.696		
1,000.00	993.06	959.98	955.45	5.33	5.13	17.70	-534.13	443.62	613.24	602.84	10.40	58.975		
1,100.00	1,090.08	1,038.64	1,033.32	5.74	5.40	19.24	-543.80	438.29	595.99	584.94	11.04	53.962		
1,200.00	1,187.11	1,115.12	1,109.01	6.17	5.68	20.65	-554.42	435.83	582.62	570.92	11.70	49.781		
1,300.00	1,284.14	1,195.79	1,188.64	6.61	5.97	22.07	-567.35	435.89	573.30	560.90	12.40	46.251		
1,400.00	1,381.17	1,287.29	1,278.74	7.07	6.31	23.69	-583.25	437.01	566.30	553.16	13.14	43.091		
1,500.00	1,478.20	1,379.65	1,369.42	7.55	6.67	25.48	-600.76	437.69	561.01	547.10	13.92	40.310		
1,600.00	1,575.23	1,474.00	1,461.86	8.03	7.05	27.42	-619.66	437.93	557.13	542.41	14.72	37.842		
1,700.00	1,672.26	1,568.13	1,553.92	8.52	7.45	29.41	-639.28	438.20	554.71	539.17	15.54	35.686		
1,800.00	1,769.29	1,665.00	1,648.60	9.01	7.87	31.46	-659.76	438.69	553.41	537.01	16.40	33.754		
1,852.97	1,820.68	1,714.36	1,696.82	9.28	8.08	32.51	-670.31	439.02	553.17	536.33	16.84	32.847		
1,900.00	1,866.32	1,758.00	1,739.41	9.51	8.28	33.43	-679.83	439.36	553.36	536.12	17.24	32.101		
2,000.00	1,963.35	1,867.16	1,846.16	10.02	8.77	35.70	-702.55	440.36	553.38	535.20	18.19	30.427		
2,100.00	2,060.38	1,968.45	1,945.48	10.53	9.22	37.75	-722.46	441.47	553.09	533.98	19.10	28.955		
2,200.00	2,157.41	2,070.77	2,045.93	11.04	9.69	39.94	-741.90	441.12	552.47	532.44	20.04	27.574		
2,227.08	2,183.69	2,096.37	2,071.07	11.18	9.81	40.50	-746.75	440.97	552.42	532.14	20.28	27.241 CC		
2,300.00	2,254.44	2,167.59	2,140.98	11.56	10.14	42.01	-760.32	440.89	552.71	531.76	20.95	26.384		
2,400.00	2,351.47	2,267.45	2,239.10	12.07	10.60	44.06	-778.89	441.47	553.42	531.53	21.89	25.284 ES		
2,500.00	2,448.50	2,365.74	2,335.65	12.59	11.06	46.21	-797.29	440.51	554.75	531.92	22.83	24.300		
2,600.00	2,545.53	2,466.10	2,434.27	13.12	11.53	48.39	-815.82	439.65	556.66	532.86	23.79	23.396		
2,700.00	2,642.56	2,565.12	2,531.68	13.64	11.99	50.47	-833.59	439.19	558.85	534.10	24.75	22.577		
2,800.00	2,739.59	2,665.66	2,630.62	14.17	12.46	52.52	-851.45	439.27	561.63	535.90	25.73	21.828		
2,900.00	2,836.62	2,762.57	2,726.05	14.69	12.92	54.61	-868.32	437.89	564.77	538.08	26.69	21.158		
3,000.00	2,933.65	2,855.85	2,817.76	15.22	13.36	56.79	-885.00	434.71	569.30	541.66	27.64	20.597		
3,100.00	3,030.68	2,951.31	2,911.53	15.75	13.82	58.94	-902.66	431.77	575.30	546.70	28.61	20.111		
3,200.00	3,127.71	3,050.12	3,008.59	16.28	14.29	61.08	-920.99	429.10	582.19	552.59	29.60	19.667		
3,300.00	3,224.74	3,147.39	3,104.17	16.82	14.76	63.07	-938.95	427.25	589.65	559.06	30.59	19.276		
3,400.00	3,321.76	3,245.62	3,200.68	17.35	15.23	65.01	-957.16	425.61	597.87	566.28	31.59	18.928		
3,500.00	3,418.79	3,349.94	3,303.26	17.88	15.73	66.93	-976.09	424.78	606.19	573.56	32.64	18.574		
3,600.00	3,515.82	3,449.60	3,401.36	18.42	16.21	68.65	-993.65	424.92	614.36	580.71	33.65	18.259		
3,700.00	3,612.85	3,549.63	3,499.86	18.95	16.69	70.30	-1,011.11	425.45	622.81	588.14	34.66	17.967		
3,800.00	3,709.88	3,653.92	3,602.66	19.49	17.18	71.96	-1,028.61	426.33	631.00	595.29	35.71	17.669		
3,900.00	3,806.91	3,748.88	3,696.43	20.02	17.63	73.59	-1,043.57	425.66	639.24	602.55	36.69	17.421		
4,000.00	3,903.94	3,831.45	3,777.78	20.56	18.03	75.07	-1,057.52	423.43	649.78	612.21	37.57	17.296		
4,100.00	4,000.97	3,922.48	3,867.23	21.09	18.47	76.66	-1,074.18	420.46	662.43	623.92	38.51	17.201		
4,200.00	4,098.00	4,013.07	3,956.08	21.63	18.91	78.20	-1,091.48	417.01	676.60	637.15	39.45	17.153		
4,300.00	4,195.03	4,109.88	4,050.95	22.17	19.39	79.76	-1,110.44	413.23	691.78	651.33	40.45	17.103		
4,400.00	4,292.06	4,200.77	4,139.87	22.71	19.84	81.14	-1,128.87	409.81	708.00	666.62	41.38	17.109		
4,500.00	4,389.09	4,306.34	4,243.20	23.25	20.36	82.63	-1,150.25	406.46	724.38	681.89	42.48	17.050		
4,600.00	4,486.12	4,406.39	4,341.29	23.78	20.86	83.98	-1,169.77	403.74	740.28	696.76	43.52	17.009		
4,700.00	4,583.15	4,499.87	4,432.78	24.32	21.32	85.08	-1,188.93	402.25	756.79	712.30	44.49	17.012		
4,800.00	4,680.18	4,597.03	4,527.64	24.86	21.81	86.05	-1,209.93	401.96	773.85	728.35	45.49	17.010		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Fagerberg 15N-7A-M - OH - OH														Offset Site Error:	0.00 ft
Survey Program: 141-MWD+IFR1														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
4,900.00	4,777.21	4,694.78	4,623.14	25.40	22.30	87.02	-1,230.75	401.32	791.05	744.54	46.51	17.009			
5,000.00	4,874.24	4,795.67	4,721.77	25.94	22.81	88.02	-1,251.99	400.16	808.55	760.99	47.56	17.002			
5,100.00	4,971.27	4,896.75	4,820.82	26.48	23.31	89.03	-1,272.05	398.86	825.35	776.75	48.61	16.980			
5,200.00	5,068.30	5,002.45	4,924.47	27.02	23.83	90.09	-1,292.69	397.09	842.40	792.69	49.70	16.949			
5,300.00	5,165.33	5,109.35	5,029.40	27.56	24.36	91.01	-1,313.11	397.52	858.05	807.24	50.80	16.890			
5,400.00	5,262.36	5,218.61	5,136.71	28.10	24.90	91.87	-1,333.64	399.10	873.03	821.11	51.92	16.815			
5,500.00	5,359.39	5,334.13	5,250.53	28.64	25.45	92.82	-1,353.22	401.20	886.49	833.42	53.08	16.703			
5,600.00	5,456.42	5,434.71	5,349.94	29.18	25.93	93.69	-1,368.38	403.01	898.70	844.60	54.10	16.613			
5,700.00	5,553.45	5,512.85	5,427.06	29.72	26.30	94.35	-1,380.99	403.72	912.47	857.54	54.93	16.611			
5,800.00	5,650.47	5,601.95	5,514.79	30.27	26.73	95.07	-1,396.54	403.75	927.98	872.12	55.86	16.614			
5,900.00	5,747.50	5,707.59	5,618.92	30.81	27.24	95.95	-1,414.30	403.32	943.47	886.54	56.93	16.571			
6,000.00	5,844.53	5,792.04	5,701.99	31.35	27.66	96.57	-1,429.49	403.44	959.65	901.84	57.81	16.601			
6,100.00	5,941.56	5,876.41	5,784.59	31.89	28.08	97.07	-1,446.67	403.99	977.32	918.65	58.68	16.656			
6,200.00	6,038.59	5,996.08	5,901.83	32.43	28.67	97.75	-1,470.56	405.17	994.56	934.64	59.92	16.599			
6,300.00	6,135.62	6,094.93	5,999.13	32.97	29.16	98.40	-1,488.08	405.65	1,010.67	949.74	60.93	16.587			
6,400.00	6,232.65	6,188.92	6,091.48	33.51	29.62	98.99	-1,505.50	405.83	1,027.66	965.76	61.90	16.602			
6,500.00	6,329.68	6,311.61	6,212.28	34.06	30.21	99.73	-1,526.93	407.16	1,043.41	980.27	63.14	16.526			
6,600.00	6,426.71	7,318.97	6,954.76	34.60	34.40	78.53	-1,678.93	957.12	1,033.31	978.46	54.85	18.840			
6,655.36	6,480.43	7,392.67	6,971.17	34.90	35.15	74.18	-1,684.94	1,028.70	1,001.38	945.16	56.22	17.812			
6,700.00	6,524.01	7,427.83	6,976.68	35.13	35.59	57.04	-1,687.83	1,063.30	975.82	918.10	57.72	16.905			
6,750.00	6,573.29	7,451.72	6,979.56	35.36	35.88	29.87	-1,689.81	1,086.93	947.61	888.13	59.48	15.932			
6,800.00	6,622.76	7,463.38	6,980.72	35.56	36.03	-4.20	-1,690.78	1,098.50	920.45	859.22	61.23	15.033			
6,850.00	6,672.13	7,466.34	6,980.98	35.73	36.06	-32.49	-1,691.02	1,101.43	894.81	831.89	62.92	14.222			
6,900.00	6,721.08	7,462.94	6,980.68	35.88	36.02	-50.14	-1,690.74	1,098.06	871.02	806.52	64.51	13.503			
6,950.00	6,769.31	7,454.77	6,979.88	36.03	35.92	-60.80	-1,690.06	1,089.95	849.36	783.40	65.97	12.875			
7,000.00	6,816.53	7,442.94	6,978.58	36.18	35.77	-67.51	-1,689.08	1,078.24	830.04	762.77	67.27	12.338			
7,050.00	6,862.44	7,428.26	6,976.74	36.34	35.59	-71.87	-1,687.87	1,063.73	813.21	744.81	68.40	11.889			
7,100.00	6,906.77	7,411.31	6,974.28	36.50	35.39	-74.69	-1,686.47	1,047.02	798.97	729.64	69.32	11.525			
7,150.00	6,949.23	7,392.80	6,971.19	36.68	35.15	-76.45	-1,684.95	1,028.82	787.37	717.35	70.02	11.244			
7,200.00	6,989.58	7,372.00	6,967.23	36.87	34.93	-77.34	-1,683.26	1,008.48	778.42	707.87	70.55	11.034			
7,250.00	7,027.55	7,350.02	6,962.47	37.09	34.71	-77.62	-1,681.47	987.09	772.06	701.19	70.87	10.894			
7,300.00	7,062.91	7,327.05	6,956.88	37.32	34.48	-77.39	-1,679.59	964.90	768.19	697.19	71.00	10.820			
7,350.00	7,095.45	7,303.26	6,950.41	37.59	34.25	-76.75	-1,677.65	942.09	766.68	695.72	70.95	10.805 SF			
7,361.88	7,102.75	7,299.49	6,949.33	37.66	34.21	-76.67	-1,677.33	938.48	766.63	695.71	70.92	10.810			
7,400.00	7,124.97	7,276.91	6,942.48	37.88	34.03	-75.67	-1,675.49	917.05	767.34	696.57	70.78	10.842			
7,450.00	7,151.28	7,247.00	6,932.54	38.21	33.82	-74.15	-1,672.87	888.96	769.84	699.35	70.49	10.921			
7,500.00	7,174.22	7,216.81	6,921.54	38.58	33.63	-72.45	-1,670.01	860.99	773.90	703.78	70.12	11.037			
7,550.00	7,193.65	7,193.00	6,912.19	38.98	33.51	-70.96	-1,667.60	839.23	779.32	709.53	69.79	11.166			
7,600.00	7,209.45	7,163.00	6,899.40	39.43	33.38	-69.04	-1,664.49	812.28	785.96	716.53	69.43	11.320			
7,650.00	7,221.52	7,138.24	6,887.93	39.91	33.28	-67.30	-1,661.93	790.48	793.77	724.60	69.16	11.477			
7,700.00	7,229.79	7,113.37	6,875.58	40.42	33.20	-65.50	-1,659.37	769.06	802.51	733.55	68.95	11.638			
7,750.00	7,234.21	7,099.00	6,868.08	40.97	33.16	-64.09	-1,657.90	756.88	812.08	743.08	69.00	11.770			
7,780.56	7,235.00	7,072.97	6,853.80	41.32	33.08	-62.51	-1,655.24	735.29	818.02	749.23	68.79	11.892			
7,800.00	7,235.04	7,063.29	6,848.27	41.54	33.05	-62.13	-1,654.25	727.41	822.05	753.27	68.78	11.952			
7,900.00	7,235.26	7,006.00	6,813.09	42.82	32.90	-59.74	-1,648.38	682.60	846.97	778.39	68.58	12.350			
8,000.00	7,235.47	6,961.26	6,783.13	44.25	32.77	-57.75	-1,643.19	649.79	878.09	809.45	68.65	12.791			
8,100.00	7,235.68	6,911.00	6,747.36	45.82	32.63	-55.41	-1,635.94	615.24	914.89	846.34	68.56	13.345			
8,200.00	7,235.90	6,863.51	6,711.85	47.52	32.47	-53.13	-1,627.98	584.74	957.37	888.88	68.50	13.977			
8,300.00	7,236.11	6,815.00	6,674.17	49.34	32.32	-50.78	-1,619.04	555.54	1,005.41	937.03	68.38	14.703			
8,400.00	7,236.32	6,791.30	6,655.25	51.25	32.23	-49.64	-1,614.50	542.02	1,058.61	989.75	68.87	15.372			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Fagerberg 15N-7A-M - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 141-MWD+IFR1															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
8,500.00	7,236.54	6,763.66	6,632.73	53.26	32.13	-48.31	-1,609.27	526.85	1,116.84	1,047.64	69.20	16.140					
8,600.00	7,236.75	6,720.00	6,596.25	55.34	31.98	-46.24	-1,601.17	504.28	1,179.77	1,110.68	69.09	17.075					
8,700.00	7,236.96	6,720.00	6,596.25	57.50	31.98	-46.24	-1,601.17	504.28	1,246.02	1,176.11	69.91	17.823					
8,800.00	7,237.17	6,694.65	6,574.57	59.71	31.89	-45.06	-1,596.53	492.01	1,315.95	1,245.82	70.13	18.765					
8,900.00	7,237.39	6,675.83	6,558.22	61.98	31.82	-44.19	-1,593.08	483.33	1,388.92	1,318.50	70.42	19.724					
9,000.00	7,237.60	6,658.55	6,543.05	64.29	31.75	-43.41	-1,589.93	475.70	1,464.53	1,393.85	70.68	20.720					
9,100.00	7,237.81	6,627.00	6,514.92	66.65	31.63	-41.99	-1,584.19	462.60	1,542.67	1,471.99	70.68	21.825					
9,200.00	7,238.03	6,627.00	6,514.92	69.05	31.63	-41.99	-1,584.19	462.60	1,622.42	1,551.30	71.13	22.811					
9,300.00	7,238.24	6,627.00	6,514.92	71.48	31.63	-41.99	-1,584.19	462.60	1,704.31	1,632.81	71.49	23.839					
9,400.00	7,238.45	6,627.00	6,514.92	73.95	31.63	-41.99	-1,584.19	462.60	1,788.04	1,716.24	71.80	24.903					
9,500.00	7,238.67	6,594.25	6,485.18	76.44	31.50	-40.55	-1,578.17	450.31	1,872.35	1,800.65	71.70	26.114					
9,600.00	7,238.88	6,584.74	6,476.43	78.96	31.46	-40.14	-1,576.40	447.02	1,958.40	1,886.56	71.84	27.259					
9,700.00	7,239.09	6,575.93	6,468.29	81.50	31.42	-39.76	-1,574.74	444.08	2,045.57	1,973.60	71.97	28.422					
9,800.00	7,239.30	6,567.74	6,460.69	84.06	31.39	-39.41	-1,573.19	441.45	2,133.74	2,061.65	72.09	29.600					
9,900.00	7,239.52	6,533.00	6,428.13	86.64	31.25	-37.94	-1,566.55	431.36	2,223.47	2,151.53	71.94	30.908					
10,000.00	7,239.73	6,533.00	6,428.13	89.23	31.25	-37.94	-1,566.55	431.36	2,313.01	2,240.91	72.10	32.079					
10,100.00	7,239.94	6,533.00	6,428.13	91.85	31.25	-37.94	-1,566.55	431.36	2,403.38	2,331.13	72.25	33.265					
10,200.00	7,240.16	6,533.00	6,428.13	94.47	31.25	-37.94	-1,566.55	431.36	2,494.49	2,422.11	72.37	34.467					
10,300.00	7,240.37	6,533.00	6,428.13	97.11	31.25	-37.94	-1,566.55	431.36	2,586.25	2,513.77	72.48	35.680					
10,400.00	7,240.58	6,533.00	6,428.13	99.76	31.25	-37.94	-1,566.55	431.36	2,678.60	2,606.02	72.58	36.905					
10,500.00	7,240.80	6,533.00	6,428.13	102.43	31.25	-37.94	-1,566.55	431.36	2,771.48	2,698.82	72.67	38.140					
10,600.00	7,241.01	6,533.00	6,428.13	105.10	31.25	-37.94	-1,566.55	431.36	2,864.84	2,792.10	72.74	39.383					
10,700.00	7,241.22	6,533.00	6,428.13	107.79	31.25	-37.94	-1,566.55	431.36	2,958.64	2,885.83	72.81	40.635					
10,800.00	7,241.43	6,533.00	6,428.13	110.48	31.25	-37.94	-1,566.55	431.36	3,052.83	2,979.96	72.87	41.893					
10,900.00	7,241.65	6,533.00	6,428.13	113.18	31.25	-37.94	-1,566.55	431.36	3,147.38	3,074.45	72.93	43.157					
11,000.00	7,241.86	6,533.00	6,428.13	115.89	31.25	-37.94	-1,566.55	431.36	3,242.25	3,169.27	72.98	44.426					
11,100.00	7,242.07	6,533.00	6,428.13	118.60	31.25	-37.94	-1,566.55	431.36	3,337.43	3,264.40	73.03	45.700					
11,200.00	7,242.29	6,533.00	6,428.13	121.32	31.25	-37.94	-1,566.55	431.36	3,432.88	3,359.80	73.07	46.978					
11,300.00	7,242.50	6,533.00	6,428.13	124.05	31.25	-37.94	-1,566.55	431.36	3,528.58	3,455.46	73.12	48.260					
11,400.00	7,242.71	6,533.00	6,428.13	126.78	31.25	-37.94	-1,566.55	431.36	3,624.51	3,551.35	73.16	49.545					
11,500.00	7,242.93	6,493.24	6,390.19	129.52	31.07	-36.31	-1,558.98	422.18	3,719.00	3,645.99	73.01	50.937					
11,600.00	7,243.14	6,490.82	6,387.87	132.27	31.06	-36.22	-1,558.52	421.71	3,815.15	3,742.10	73.04	52.231					
11,700.00	7,243.35	6,488.51	6,385.64	135.02	31.05	-36.13	-1,558.09	421.28	3,911.47	3,838.40	73.07	53.528					
11,800.00	7,243.57	6,486.29	6,383.50	137.77	31.04	-36.04	-1,557.68	420.87	4,007.97	3,934.86	73.10	54.825					
11,900.00	7,243.78	6,484.17	6,381.45	140.53	31.03	-35.95	-1,557.28	420.48	4,104.62	4,031.49	73.13	56.124					
12,000.00	7,243.99	6,482.14	6,379.49	143.29	31.02	-35.87	-1,556.91	420.12	4,201.42	4,128.26	73.16	57.424					
12,100.00	7,244.20	6,440.00	6,338.47	146.05	30.83	-34.25	-1,549.23	414.31	4,300.02	4,226.99	73.03	58.877					
12,200.00	7,244.42	6,440.00	6,338.47	148.82	30.83	-34.25	-1,549.23	414.31	4,396.94	4,323.86	73.08	60.170					
12,300.00	7,244.63	6,440.00	6,338.47	151.60	30.83	-34.25	-1,549.23	414.31	4,493.99	4,420.87	73.12	61.464					
12,400.00	7,244.84	6,440.00	6,338.47	154.37	30.83	-34.25	-1,549.23	414.31	4,591.16	4,518.01	73.16	62.758					
12,500.00	7,245.06	6,440.00	6,338.47	157.15	30.83	-34.25	-1,549.23	414.31	4,688.46	4,615.26	73.20	64.053					
12,600.00	7,245.27	6,440.00	6,338.47	159.93	30.83	-34.25	-1,549.23	414.31	4,785.87	4,712.63	73.24	65.348					
12,700.00	7,245.48	6,440.00	6,338.47	162.71	30.83	-34.25	-1,549.23	414.31	4,883.38	4,810.10	73.28	66.642					
12,800.00	7,245.70	6,440.00	6,338.47	165.50	30.83	-34.25	-1,549.23	414.31	4,980.99	4,907.67	73.32	67.937					
12,900.00	7,245.91	6,440.00	6,338.47	168.29	30.83	-34.25	-1,549.23	414.31	5,078.69	5,005.33	73.36	69.232					
13,000.00	7,246.12	6,440.00	6,338.47	171.08	30.83	-34.25	-1,549.23	414.31	5,176.48	5,103.08	73.40	70.526					
13,100.00	7,246.33	6,440.00	6,338.47	173.87	30.83	-34.25	-1,549.23	414.31	5,274.36	5,200.92	73.44	71.819					
13,200.00	7,246.55	6,440.00	6,338.47	176.67	30.83	-34.25	-1,549.23	414.31	5,372.31	5,298.83	73.48	73.112					
13,300.00	7,246.76	6,440.00	6,338.47	179.47	30.83	-34.25	-1,549.23	414.31	5,470.33	5,396.81	73.52	74.403					
13,400.00	7,246.97	6,440.00	6,338.47	182.27	30.83	-34.25	-1,549.23	414.31	5,568.43	5,494.87	73.57	75.694					
13,500.00	7,247.19	6,440.00	6,338.47	185.07	30.83	-34.25	-1,549.23	414.31	5,666.59	5,592.99	73.61	76.983					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 15N-7A-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 141-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,600.00	7,247.40	6,440.00	6,338.47	187.87	30.83	-34.25	-1,549.23	414.31	5,764.82	5,691.17	73.65	78.272		
13,700.00	7,247.61	6,440.00	6,338.47	190.68	30.83	-34.25	-1,549.23	414.31	5,863.11	5,789.41	73.70	79.559		
13,800.00	7,247.83	6,440.00	6,338.47	193.48	30.83	-34.25	-1,549.23	414.31	5,961.45	5,887.71	73.74	80.844		
13,900.00	7,248.04	6,440.00	6,338.47	196.29	30.83	-34.25	-1,549.23	414.31	6,059.85	5,986.06	73.79	82.128		
14,000.00	7,248.25	6,440.00	6,338.47	199.10	30.83	-34.25	-1,549.23	414.31	6,158.30	6,084.46	73.83	83.410		
14,100.00	7,248.46	6,440.00	6,338.47	201.91	30.83	-34.25	-1,549.23	414.31	6,256.79	6,182.92	73.88	84.691		
14,200.00	7,248.68	6,440.00	6,338.47	204.72	30.83	-34.25	-1,549.23	414.31	6,355.34	6,281.41	73.93	85.970		
14,300.00	7,248.89	6,440.00	6,338.47	207.53	30.83	-34.25	-1,549.23	414.31	6,453.93	6,379.96	73.97	87.247		
14,400.00	7,249.10	6,440.00	6,338.47	210.35	30.83	-34.25	-1,549.23	414.31	6,552.56	6,478.54	74.02	88.521		
14,500.00	7,249.32	6,440.00	6,338.47	213.16	30.83	-34.25	-1,549.23	414.31	6,651.23	6,577.16	74.07	89.794		
14,600.00	7,249.53	6,440.00	6,338.47	215.98	30.83	-34.25	-1,549.23	414.31	6,749.95	6,675.82	74.12	91.065		
14,700.00	7,249.74	6,440.00	6,338.47	218.80	30.83	-34.25	-1,549.23	414.31	6,848.70	6,774.52	74.17	92.334		
14,800.00	7,249.96	6,440.00	6,338.47	221.62	30.83	-34.25	-1,549.23	414.31	6,947.48	6,873.26	74.23	93.600		
14,900.00	7,250.17	6,440.00	6,338.47	224.44	30.83	-34.25	-1,549.23	414.31	7,046.30	6,972.02	74.28	94.864		
15,000.00	7,250.38	6,440.00	6,338.47	227.26	30.83	-34.25	-1,549.23	414.31	7,145.15	7,070.82	74.33	96.125		
15,100.00	7,250.59	6,440.00	6,338.47	230.08	30.83	-34.25	-1,549.23	414.31	7,244.04	7,169.65	74.39	97.385		
15,200.00	7,250.81	6,440.00	6,338.47	232.90	30.83	-34.25	-1,549.23	414.31	7,342.95	7,268.51	74.44	98.641		
15,300.00	7,251.02	6,440.00	6,338.47	235.72	30.83	-34.25	-1,549.23	414.31	7,441.90	7,367.40	74.50	99.895		
15,400.00	7,251.23	6,440.00	6,338.47	238.55	30.83	-34.25	-1,549.23	414.31	7,540.87	7,466.31	74.55	101.147		
15,500.00	7,251.45	6,440.00	6,338.47	241.37	30.83	-34.25	-1,549.23	414.31	7,639.87	7,565.25	74.61	102.396		
15,600.00	7,251.66	6,440.00	6,338.47	244.20	30.83	-34.25	-1,549.23	414.31	7,738.89	7,664.22	74.67	103.642		
15,700.00	7,251.87	6,440.00	6,338.47	247.03	30.83	-34.25	-1,549.23	414.31	7,837.94	7,763.21	74.73	104.885		
15,800.00	7,252.09	6,440.00	6,338.47	249.85	30.83	-34.25	-1,549.23	414.31	7,937.01	7,862.22	74.79	106.126		
15,900.00	7,252.30	6,440.00	6,338.47	252.68	30.83	-34.25	-1,549.23	414.31	8,036.11	7,961.26	74.85	107.364		
16,000.00	7,252.51	6,440.00	6,338.47	255.51	30.83	-34.25	-1,549.23	414.31	8,135.22	8,060.31	74.91	108.599		
16,100.00	7,252.72	6,440.00	6,338.47	258.34	30.83	-34.25	-1,549.23	414.31	8,234.36	8,159.39	74.97	109.831		
16,200.00	7,252.94	6,440.00	6,338.47	261.17	30.83	-34.25	-1,549.23	414.31	8,333.52	8,258.49	75.04	111.060		
16,300.00	7,253.15	6,440.00	6,338.47	264.00	30.83	-34.25	-1,549.23	414.31	8,432.70	8,357.60	75.10	112.286		
16,400.00	7,253.36	6,440.00	6,338.47	266.83	30.83	-34.25	-1,549.23	414.31	8,531.90	8,456.73	75.17	113.509		
16,500.00	7,253.58	6,440.00	6,338.47	269.66	30.83	-34.25	-1,549.23	414.31	8,631.12	8,555.89	75.23	114.728		
16,600.00	7,253.79	6,440.00	6,338.47	272.50	30.83	-34.25	-1,549.23	414.31	8,730.35	8,655.05	75.30	115.945		
16,700.00	7,254.00	6,440.00	6,338.47	275.33	30.83	-34.25	-1,549.23	414.31	8,829.60	8,754.24	75.36	117.159		
16,800.00	7,254.22	6,440.00	6,338.47	278.16	30.83	-34.25	-1,549.23	414.31	8,928.87	8,853.44	75.43	118.369		
16,900.00	7,254.43	6,440.00	6,338.47	281.00	30.83	-34.25	-1,549.23	414.31	9,028.16	8,952.66	75.50	119.577		
17,000.00	7,254.64	6,440.00	6,338.47	283.83	30.83	-34.25	-1,549.23	414.31	9,127.46	9,051.89	75.57	120.780		
17,100.00	7,254.85	6,440.00	6,338.47	286.67	30.83	-34.25	-1,549.23	414.31	9,226.77	9,151.13	75.64	121.981		
17,200.00	7,255.07	6,440.00	6,338.47	289.50	30.83	-34.25	-1,549.23	414.31	9,326.10	9,250.39	75.71	123.179		
17,300.00	7,255.28	6,440.00	6,338.47	292.34	30.83	-34.25	-1,549.23	414.31	9,425.45	9,349.67	75.78	124.373		
17,400.00	7,255.49	6,440.00	6,338.47	295.17	30.83	-34.25	-1,549.23	414.31	9,524.81	9,448.95	75.86	125.563		
17,500.00	7,255.71	6,440.00	6,338.47	298.01	30.83	-34.25	-1,549.23	414.31	9,624.18	9,548.25	75.93	126.751		
17,600.00	7,255.92	6,440.00	6,338.47	300.85	30.83	-34.25	-1,549.23	414.31	9,723.56	9,647.56	76.00	127.935		
17,700.00	7,256.13	6,440.00	6,338.47	303.68	30.83	-34.25	-1,549.23	414.31	9,822.96	9,746.88	76.08	129.115		
17,800.00	7,256.35	6,440.00	6,338.47	306.52	30.83	-34.25	-1,549.23	414.31	9,922.37	9,846.21	76.15	130.292		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 23N-7C-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 250-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	142.20	-652.83	506.43	826.30					
100.00	100.00	94.95	94.95	3.28	3.29	142.20	-652.54	506.24	825.91	819.34	6.57	125.680		
200.00	200.00	201.62	201.61	3.34	3.31	142.19	-651.53	505.59	824.78	818.14	6.65	124.068		
300.00	300.00	310.75	310.72	3.44	3.38	142.15	-649.44	504.68	822.77	815.94	6.83	120.483		
400.00	399.98	426.18	426.03	3.60	3.54	17.01	-644.39	504.55	817.59	810.44	7.15	114.378		
500.00	499.84	529.44	529.12	3.79	3.73	16.96	-638.53	503.96	807.78	800.24	7.54	107.135		
600.00	599.45	610.55	610.17	4.03	3.91	17.13	-635.62	502.62	795.60	787.66	7.95	100.137		
700.00	698.70	694.73	694.31	4.30	4.12	17.55	-635.49	500.38	782.22	773.80	8.42	92.916		
800.00	797.47	778.50	777.92	4.61	4.34	18.32	-638.62	496.41	767.43	758.49	8.94	85.829		
900.00	895.62	868.97	867.85	4.95	4.61	19.60	-645.71	489.61	751.18	741.65	9.53	78.813		
1,000.00	993.06	960.75	958.63	5.33	4.89	21.32	-655.22	480.16	732.63	722.46	10.17	72.015		
1,100.00	1,090.08	1,049.65	1,046.04	5.74	5.20	23.24	-666.73	468.75	713.98	703.13	10.85	65.812		
1,200.00	1,187.11	1,138.37	1,133.00	6.17	5.52	25.35	-679.51	456.63	697.15	685.59	11.56	60.297		
1,300.00	1,284.14	1,227.84	1,220.46	6.61	5.87	27.63	-693.44	443.98	682.27	669.96	12.31	55.428		
1,400.00	1,381.17	1,321.92	1,312.22	7.07	6.25	30.20	-708.89	430.07	669.24	656.13	13.11	51.058		
1,500.00	1,478.20	1,421.37	1,409.10	7.55	6.67	33.07	-724.96	414.38	657.16	643.20	13.95	47.092		
1,600.00	1,575.23	1,523.07	1,508.32	8.03	7.11	36.09	-740.43	398.28	645.90	631.07	14.83	43.541		
1,700.00	1,672.26	1,625.31	1,608.48	8.52	7.56	39.08	-754.09	383.05	634.92	619.19	15.73	40.361		
1,800.00	1,769.29	1,721.96	1,703.68	9.01	7.98	41.78	-765.56	370.93	624.72	608.10	16.61	37.607		
1,900.00	1,866.32	1,816.83	1,797.55	9.51	8.39	44.20	-776.18	362.29	615.93	598.44	17.49	35.223		
2,000.00	1,963.35	1,914.17	1,894.18	10.02	8.80	46.45	-786.49	356.66	608.25	589.88	18.37	33.105		
2,100.00	2,060.38	2,038.08	2,017.38	10.53	9.32	49.38	-797.32	349.34	599.90	580.54	19.36	30.986		
2,200.00	2,157.41	2,133.89	2,112.79	11.04	9.73	51.78	-803.15	342.78	589.85	569.58	20.26	29.108		
2,300.00	2,254.44	2,229.89	2,208.46	11.56	10.14	54.14	-809.00	337.35	580.94	559.77	21.17	27.436		
2,400.00	2,351.47	2,327.35	2,305.60	12.07	10.55	56.54	-815.07	332.54	573.24	551.15	22.10	25.944		
2,500.00	2,448.50	2,424.79	2,424.88	12.59	11.05	59.46	-819.07	327.98	563.61	540.54	23.07	24.425		
2,600.00	2,545.53	2,542.74	2,520.77	13.12	11.44	61.79	-821.16	325.27	553.93	529.93	24.00	23.079		
2,700.00	2,642.56	2,641.50	2,619.48	13.64	11.85	64.26	-823.20	322.60	545.14	520.20	24.94	21.857		
2,800.00	2,739.59	2,739.78	2,717.70	14.17	12.26	66.82	-824.73	319.86	536.94	511.05	25.89	20.741		
2,900.00	2,836.62	2,842.54	2,820.41	14.69	12.69	69.58	-825.99	316.91	529.60	502.75	26.85	19.727		
3,000.00	2,933.65	2,944.39	2,922.25	15.22	13.10	72.26	-825.86	315.62	521.69	493.89	27.80	18.765		
3,100.00	3,030.68	3,039.14	3,017.00	15.75	13.49	74.81	-825.74	314.47	514.90	486.15	28.75	17.908		
3,200.00	3,127.71	3,135.43	3,113.27	16.28	13.89	77.49	-825.88	313.00	509.64	479.93	29.71	17.153		
3,300.00	3,224.74	3,231.90	3,209.74	16.82	14.29	80.21	-826.00	311.61	505.54	474.87	30.67	16.482		
3,400.00	3,321.76	3,329.24	3,307.06	17.35	14.70	83.00	-826.13	310.10	502.73	471.10	31.63	15.892		
3,500.00	3,418.79	3,429.04	3,406.86	17.88	15.11	85.90	-825.93	308.71	500.84	468.24	32.60	15.364		
3,600.00	3,515.82	3,527.90	3,505.70	18.42	15.52	88.80	-825.12	307.47	499.66	466.11	33.55	14.892		
3,659.21	3,573.28	3,585.54	3,563.33	18.73	15.75	90.50	-824.48	306.76	499.45	465.33	34.11	14.641		
3,700.00	3,612.85	3,625.14	3,602.93	18.95	15.91	91.66	-824.07	306.33	499.55	465.05	34.50	14.481		
3,800.00	3,709.88	3,720.23	3,698.01	19.49	16.30	94.45	-823.16	305.25	500.84	465.40	35.43	14.135		
3,900.00	3,806.91	3,818.38	3,796.15	20.02	16.71	97.26	-822.58	304.41	503.49	467.12	36.37	13.845		
4,000.00	3,903.94	3,928.47	3,906.22	20.56	17.14	100.16	-822.13	305.94	505.98	468.67	37.31	13.563		
4,100.00	4,000.97	4,020.89	3,998.62	21.09	17.50	102.51	-821.74	308.08	508.83	470.64	38.20	13.322		
4,200.00	4,098.00	4,116.51	4,094.22	21.63	17.87	104.93	-821.46	309.83	513.12	474.04	39.09	13.128		
4,300.00	4,195.03	4,210.65	4,188.35	22.17	18.23	107.25	-821.63	311.31	518.88	478.91	39.96	12.983		
4,400.00	4,292.06	4,304.99	4,282.68	22.71	18.61	109.52	-822.12	312.33	526.13	485.30	40.84	12.883		
4,500.00	4,389.09	4,399.88	4,377.56	23.25	18.99	111.74	-822.93	312.99	534.79	493.08	41.71	12.822		
4,600.00	4,486.12	4,495.17	4,472.85	23.78	19.38	113.87	-824.24	313.48	544.68	502.10	42.58	12.791		
4,700.00	4,583.15	4,591.73	4,569.39	24.32	19.78	115.94	-825.74	313.81	555.61	512.15	43.46	12.785		
4,800.00	4,680.18	4,689.22	4,666.88	24.86	20.18	117.96	-827.19	314.09	567.26	522.93	44.34	12.795		
4,900.00	4,777.21	4,783.84	4,761.46	25.40	20.58	119.75	-829.46	314.58	579.79	534.59	45.19	12.829		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 250-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,874.24	4,874.73	4,852.32	25.94	20.96	121.40	-832.04	314.36	593.74	547.72	46.02	12.902		
5,100.00	4,971.27	4,968.89	4,946.44	26.48	21.36	123.10	-834.31	313.15	609.04	562.17	46.87	12.995		
5,200.00	5,068.30	5,066.66	5,044.18	27.02	21.79	124.84	-836.12	311.53	625.04	577.30	47.74	13.092		
5,300.00	5,165.33	5,166.89	5,144.39	27.56	22.22	126.55	-837.71	310.01	641.39	592.76	48.63	13.188		
5,400.00	5,262.36	5,271.42	5,248.91	28.10	22.65	128.41	-837.19	309.04	657.15	607.61	49.54	13.265		
5,500.00	5,359.39	5,366.72	5,344.17	28.64	23.05	130.18	-834.96	307.95	673.25	622.89	50.36	13.369		
5,600.00	5,456.42	5,459.47	5,436.88	29.18	23.43	131.86	-832.35	306.60	690.21	639.05	51.15	13.493		
5,700.00	5,553.45	5,549.46	5,526.81	29.72	23.81	133.41	-830.18	304.43	708.73	656.81	51.92	13.651		
5,800.00	5,650.47	5,649.08	5,626.41	30.27	24.23	134.87	-829.78	302.31	727.87	675.08	52.79	13.788		
5,900.00	5,747.50	5,750.15	5,727.46	30.81	24.67	136.14	-831.14	300.97	746.88	693.19	53.69	13.911		
6,000.00	5,844.53	5,848.50	5,825.79	31.35	25.09	137.30	-832.58	300.17	765.74	711.18	54.56	14.035		
6,100.00	5,941.56	5,944.63	5,921.91	31.89	25.49	138.55	-831.67	298.97	785.07	729.67	55.39	14.172		
6,200.00	6,038.59	6,044.12	6,021.39	32.43	25.91	139.78	-830.72	297.95	804.54	748.28	56.26	14.300		
6,300.00	6,135.62	6,142.33	6,119.60	32.97	26.33	140.90	-830.28	297.28	824.03	766.91	57.12	14.427		
6,400.00	6,232.65	6,239.45	6,216.72	33.51	26.74	141.96	-829.84	296.68	843.76	785.80	57.97	14.556		
6,500.00	6,329.68	7,736.25	7,146.23	34.06	37.28	175.85	-826.56	1,155.75	827.68	811.26	16.42	50.401		
6,600.00	6,426.71	7,751.89	7,146.35	34.60	37.54	178.35	-826.65	1,171.40	730.68	713.56	17.12	42.676		
6,655.36	6,480.43	7,760.96	7,146.47	34.90	37.68	179.97	-826.70	1,180.47	677.15	659.56	17.59	38.501		
6,700.00	6,524.01	7,767.28	7,146.57	35.13	37.79	-179.69	-826.73	1,186.79	633.79	615.79	18.00	35.212		
6,750.00	6,573.29	7,771.61	7,146.65	35.36	37.86	178.09	-826.75	1,191.12	584.81	566.33	18.48	31.642		
6,800.00	6,622.76	7,772.88	7,146.67	35.56	37.88	171.41	-826.75	1,192.39	535.70	516.69	19.01	28.176		
6,850.00	6,672.13	7,770.93	7,146.64	35.73	37.85	165.56	-826.74	1,190.44	486.81	467.16	19.64	24.785		
6,900.00	6,721.08	7,765.61	7,146.54	35.88	37.76	162.78	-826.72	1,185.12	438.49	418.05	20.44	21.452		
6,950.00	6,769.31	7,756.79	7,146.41	36.03	37.62	161.18	-826.68	1,176.30	391.15	369.63	21.52	18.178		
7,000.00	6,816.53	7,744.36	7,146.28	36.18	37.41	159.61	-826.61	1,163.87	345.24	322.22	23.02	14.998		
7,050.00	6,862.44	7,728.22	7,146.21	36.34	37.15	157.63	-826.50	1,147.73	301.27	276.12	25.15	11.981		
7,100.00	6,906.77	7,709.90	7,146.22	36.50	36.84	155.33	-826.35	1,129.41	259.79	231.69	28.10	9.245		
7,150.00	6,949.23	7,681.74	7,146.45	36.68	36.42	150.82	-826.07	1,101.25	221.46	189.03	32.43	6.828		
7,200.00	6,989.58	7,650.86	7,146.41	36.87	35.96	145.25	-825.84	1,070.37	186.62	148.40	38.22	4.883		
7,250.00	7,027.55	7,617.97	7,145.99	37.09	35.46	138.32	-825.64	1,037.49	156.20	110.52	45.68	3.419		
7,300.00	7,062.91	7,581.39	7,145.04	37.32	34.97	129.07	-825.48	1,000.92	131.53	76.86	54.67	2.406		
7,350.00	7,095.45	7,544.02	7,143.01	37.59	34.47	117.77	-825.09	963.60	114.27	50.49	63.77	1.792		
7,400.00	7,124.97	7,505.82	7,139.84	37.88	33.97	104.70	-824.48	925.55	106.34	36.50	69.84	1.523		
7,415.92	7,133.70	7,493.21	7,138.57	37.99	33.82	100.25	-824.27	913.00	105.87	35.23	70.64	1.499	Level 3, CC, ES, SF	
7,450.00	7,151.28	7,465.85	7,135.50	38.21	33.50	90.73	-823.88	885.82	107.85	37.46	70.39	1.532		
7,500.00	7,174.22	7,424.88	7,130.08	38.58	33.02	77.68	-823.50	845.22	116.57	49.98	66.59	1.751		
7,550.00	7,193.65	7,386.47	7,123.53	38.98	32.61	67.10	-823.21	807.37	129.97	68.39	61.58	2.111		
7,600.00	7,209.45	7,350.26	7,114.84	39.43	32.25	58.47	-822.71	772.24	146.87	89.84	57.03	2.575		
7,650.00	7,221.52	7,314.84	7,103.98	39.91	31.91	51.38	-822.00	738.53	165.98	112.39	53.59	3.097		
7,700.00	7,229.79	7,278.03	7,090.58	40.42	31.60	45.35	-821.48	704.26	185.90	134.85	51.05	3.641		
7,750.00	7,234.21	7,241.99	7,075.53	40.97	31.30	40.46	-821.37	671.52	205.82	156.27	49.55	4.154		
7,780.56	7,235.00	7,220.40	7,065.62	41.32	31.13	37.92	-821.49	652.33	217.83	168.76	49.07	4.439		
7,800.00	7,235.04	7,207.03	7,059.14	41.54	31.04	36.79	-821.65	640.64	225.62	176.70	48.93	4.612		
7,900.00	7,235.26	7,143.60	7,024.88	42.82	30.61	31.47	-823.22	587.32	271.94	222.77	49.18	5.530		
8,000.00	7,235.47	7,086.84	6,989.89	44.25	30.29	27.17	-825.10	542.69	327.57	277.13	50.43	6.495		
8,100.00	7,235.68	7,036.00	6,955.92	45.82	30.02	24.02	-825.95	504.88	390.39	338.28	52.11	7.491		
8,200.00	7,235.90	6,992.88	6,925.13	47.52	29.82	21.77	-826.18	474.71	459.06	405.07	53.99	8.503		
8,300.00	7,236.11	6,941.00	6,885.60	49.34	29.59	19.46	-826.13	441.13	532.90	478.13	54.76	9.731		
8,400.00	7,236.32	6,941.00	6,885.60	51.25	29.59	19.46	-826.13	441.13	610.50	552.45	58.05	10.518		
8,500.00	7,236.54	6,896.72	6,849.70	53.26	29.41	17.74	-826.13	415.22	690.73	632.26	58.48	11.812		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 250-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,600.00	7,236.75	6,873.39	6,829.99	55.34	29.32	16.89	-826.30	402.76	774.20	714.66	59.54	13.003		
8,700.00	7,236.96	6,846.00	6,806.19	57.50	29.21	15.94	-826.63	389.20	859.96	799.74	60.22	14.281		
8,800.00	7,237.17	6,827.72	6,790.04	59.71	29.14	15.34	-826.94	380.65	947.30	886.33	60.96	15.539		
8,900.00	7,237.39	6,800.35	6,765.66	61.98	29.04	14.50	-827.51	368.23	1,035.75	974.40	61.35	16.882		
9,000.00	7,237.60	6,774.91	6,742.79	64.29	28.94	13.77	-828.16	357.10	1,125.10	1,063.39	61.71	18.233		
9,100.00	7,237.81	6,753.00	6,722.95	66.65	28.85	13.18	-828.82	347.83	1,215.25	1,153.19	62.06	19.583		
9,200.00	7,238.03	6,753.00	6,722.95	69.05	28.85	13.18	-828.82	347.83	1,306.51	1,243.86	62.65	20.855		
9,300.00	7,238.24	6,753.00	6,722.95	71.48	28.85	13.18	-828.82	347.83	1,398.96	1,335.85	63.11	22.166		
9,400.00	7,238.45	6,753.00	6,722.95	73.95	28.85	13.18	-828.82	347.83	1,492.39	1,428.91	63.49	23.507		
9,500.00	7,238.67	6,712.12	6,685.15	76.44	28.69	12.20	-829.77	332.32	1,584.44	1,521.01	63.43	24.978		
9,600.00	7,238.88	6,704.24	6,677.72	78.96	28.66	12.03	-829.87	329.68	1,678.47	1,614.80	63.67	26.363		
9,700.00	7,239.09	6,697.01	6,670.87	81.50	28.64	11.88	-829.94	327.36	1,773.00	1,709.13	63.87	27.759		
9,800.00	7,239.30	6,659.00	6,634.39	84.06	28.49	11.17	-829.93	316.75	1,869.22	1,805.37	63.85	29.274		
9,900.00	7,239.52	6,659.00	6,634.39	86.64	28.49	11.17	-829.93	316.75	1,964.17	1,900.10	64.07	30.657		
10,000.00	7,239.73	6,659.00	6,634.39	89.23	28.49	11.17	-829.93	316.75	2,059.59	1,995.34	64.25	32.053		
10,100.00	7,239.94	6,659.00	6,634.39	91.85	28.49	11.17	-829.93	316.75	2,155.43	2,091.01	64.42	33.461		
10,200.00	7,240.16	6,659.00	6,634.39	94.47	28.49	11.17	-829.93	316.75	2,251.63	2,187.07	64.56	34.879		
10,300.00	7,240.37	6,659.00	6,634.39	97.11	28.49	11.17	-829.93	316.75	2,348.14	2,283.47	64.68	36.305		
10,400.00	7,240.58	6,659.00	6,634.39	99.76	28.49	11.17	-829.93	316.75	2,444.94	2,380.15	64.79	37.738		
10,500.00	7,240.80	6,659.00	6,634.39	102.43	28.49	11.17	-829.93	316.75	2,541.99	2,477.10	64.88	39.177		
10,600.00	7,241.01	6,659.00	6,634.39	105.10	28.49	11.17	-829.93	316.75	2,639.25	2,574.28	64.97	40.621		
10,700.00	7,241.22	6,659.00	6,634.39	107.79	28.49	11.17	-829.93	316.75	2,736.72	2,671.66	65.05	42.068		
10,800.00	7,241.43	6,659.00	6,634.39	110.48	28.49	11.17	-829.93	316.75	2,834.36	2,769.23	65.13	43.520		
10,900.00	7,241.65	6,659.00	6,634.39	113.18	28.49	11.17	-829.93	316.75	2,932.15	2,866.96	65.20	44.974		
11,000.00	7,241.86	6,659.00	6,634.39	115.89	28.49	11.17	-829.93	316.75	3,030.10	2,964.84	65.26	46.431		
11,100.00	7,242.07	6,659.00	6,634.39	118.60	28.49	11.17	-829.93	316.75	3,128.17	3,062.85	65.32	47.889		
11,200.00	7,242.29	6,659.00	6,634.39	121.32	28.49	11.17	-829.93	316.75	3,226.36	3,160.98	65.38	49.349		
11,300.00	7,242.50	6,619.12	6,595.47	124.05	28.33	10.53	-829.56	308.07	3,323.37	3,257.98	65.39	50.827		
11,400.00	7,242.71	6,615.68	6,592.09	126.78	28.32	10.48	-829.53	307.42	3,421.54	3,356.10	65.44	52.286		
11,500.00	7,242.93	6,612.40	6,588.87	129.52	28.30	10.43	-829.49	306.81	3,519.80	3,454.31	65.49	53.744		
11,600.00	7,243.14	6,609.27	6,585.79	132.27	28.29	10.38	-829.46	306.24	3,618.14	3,552.60	65.54	55.201		
11,700.00	7,243.35	6,606.27	6,582.84	135.02	28.28	10.34	-829.42	305.71	3,716.55	3,650.96	65.60	56.659		
11,800.00	7,243.57	6,603.40	6,580.02	137.77	28.27	10.30	-829.39	305.22	3,815.03	3,749.39	65.65	58.115		
11,900.00	7,243.78	6,564.00	6,541.04	140.53	28.11	9.76	-828.91	299.47	3,914.64	3,848.97	65.67	59.609		
12,000.00	7,243.99	6,564.00	6,541.04	143.29	28.11	9.76	-828.91	299.47	4,013.10	3,947.37	65.73	61.058		
12,100.00	7,244.20	6,564.00	6,541.04	146.05	28.11	9.76	-828.91	299.47	4,111.63	4,045.85	65.78	62.506		
12,200.00	7,244.42	6,564.00	6,541.04	148.82	28.11	9.76	-828.91	299.47	4,210.23	4,144.40	65.83	63.954		
12,300.00	7,244.63	6,564.00	6,541.04	151.60	28.11	9.76	-828.91	299.47	4,308.89	4,243.01	65.88	65.401		
12,400.00	7,244.84	6,564.00	6,541.04	154.37	28.11	9.76	-828.91	299.47	4,407.62	4,341.68	65.94	66.847		
12,500.00	7,245.06	6,564.00	6,541.04	157.15	28.11	9.76	-828.91	299.47	4,506.40	4,440.41	65.99	68.292		
12,600.00	7,245.27	6,564.00	6,541.04	159.93	28.11	9.76	-828.91	299.47	4,605.24	4,539.20	66.04	69.735		
12,700.00	7,245.48	6,564.00	6,541.04	162.71	28.11	9.76	-828.91	299.47	4,704.12	4,638.03	66.09	71.177		
12,800.00	7,245.70	6,564.00	6,541.04	165.50	28.11	9.76	-828.91	299.47	4,803.05	4,736.91	66.14	72.617		
12,900.00	7,245.91	6,564.00	6,541.04	168.29	28.11	9.76	-828.91	299.47	4,902.02	4,835.83	66.19	74.056		
13,000.00	7,246.12	6,564.00	6,541.04	171.08	28.11	9.76	-828.91	299.47	5,001.04	4,934.79	66.25	75.492		
13,100.00	7,246.33	6,564.00	6,541.04	173.87	28.11	9.76	-828.91	299.47	5,100.09	5,033.79	66.30	76.927		
13,200.00	7,246.55	6,564.00	6,541.04	176.67	28.11	9.76	-828.91	299.47	5,199.18	5,132.83	66.35	78.359		
13,300.00	7,246.76	6,564.00	6,541.04	179.47	28.11	9.76	-828.91	299.47	5,298.30	5,231.90	66.40	79.789		
13,400.00	7,246.97	6,564.00	6,541.04	182.27	28.11	9.76	-828.91	299.47	5,397.46	5,331.00	66.46	81.216		
13,500.00	7,247.19	6,564.00	6,541.04	185.07	28.11	9.76	-828.91	299.47	5,496.64	5,430.13	66.51	82.641		
13,600.00	7,247.40	6,564.00	6,541.04	187.87	28.11	9.76	-828.91	299.47	5,595.86	5,529.29	66.57	84.064		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 23N-7C-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 250-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,247.61	6,564.00	6,541.04	190.68	28.11	9.76	-828.91	299.47	5,695.10	5,628.48	66.62	85.484		
13,800.00	7,247.83	6,564.00	6,541.04	193.48	28.11	9.76	-828.91	299.47	5,794.37	5,727.69	66.68	86.901		
13,900.00	7,248.04	6,564.00	6,541.04	196.29	28.11	9.76	-828.91	299.47	5,893.66	5,826.93	66.73	88.315		
14,000.00	7,248.25	6,564.00	6,541.04	199.10	28.11	9.76	-828.91	299.47	5,992.98	5,926.19	66.79	89.727		
14,100.00	7,248.46	6,564.00	6,541.04	201.91	28.11	9.76	-828.91	299.47	6,092.32	6,025.47	66.85	91.135		
14,200.00	7,248.68	6,564.00	6,541.04	204.72	28.11	9.76	-828.91	299.47	6,191.68	6,124.77	66.91	92.540		
14,300.00	7,248.89	6,564.00	6,541.04	207.53	28.11	9.76	-828.91	299.47	6,291.06	6,224.09	66.97	93.942		
14,400.00	7,249.10	6,564.00	6,541.04	210.35	28.11	9.76	-828.91	299.47	6,390.46	6,323.43	67.03	95.341		
14,500.00	7,249.32	6,564.00	6,541.04	213.16	28.11	9.76	-828.91	299.47	6,489.87	6,422.79	67.09	96.737		
14,600.00	7,249.53	6,564.00	6,541.04	215.98	28.11	9.76	-828.91	299.47	6,589.31	6,522.16	67.15	98.129		
14,700.00	7,249.74	6,564.00	6,541.04	218.80	28.11	9.76	-828.91	299.47	6,688.76	6,621.55	67.21	99.518		
14,800.00	7,249.96	6,564.00	6,541.04	221.62	28.11	9.76	-828.91	299.47	6,788.23	6,720.96	67.27	100.904		
14,900.00	7,250.17	6,564.00	6,541.04	224.44	28.11	9.76	-828.91	299.47	6,887.72	6,820.38	67.34	102.286		
15,000.00	7,250.38	6,564.00	6,541.04	227.26	28.11	9.76	-828.91	299.47	6,987.22	6,919.81	67.40	103.664		
15,100.00	7,250.59	6,564.00	6,541.04	230.08	28.11	9.76	-828.91	299.47	7,086.73	7,019.26	67.47	105.039		
15,200.00	7,250.81	6,564.00	6,541.04	232.90	28.11	9.76	-828.91	299.47	7,186.26	7,118.72	67.53	106.410		
15,300.00	7,251.02	6,564.00	6,541.04	235.72	28.11	9.76	-828.91	299.47	7,285.79	7,218.19	67.60	107.777		
15,400.00	7,251.23	6,564.00	6,541.04	238.55	28.11	9.76	-828.91	299.47	7,385.35	7,317.68	67.67	109.141		
15,500.00	7,251.45	6,564.00	6,541.04	241.37	28.11	9.76	-828.91	299.47	7,484.91	7,417.17	67.74	110.500		
15,600.00	7,251.66	6,564.00	6,541.04	244.20	28.11	9.76	-828.91	299.47	7,584.49	7,516.68	67.81	111.856		
15,700.00	7,251.87	6,564.00	6,541.04	247.03	28.11	9.76	-828.91	299.47	7,684.07	7,616.20	67.88	113.208		
15,800.00	7,252.09	6,564.00	6,541.04	249.85	28.11	9.76	-828.91	299.47	7,783.67	7,715.72	67.95	114.556		
15,900.00	7,252.30	6,564.00	6,541.04	252.68	28.11	9.76	-828.91	299.47	7,883.28	7,815.26	68.02	115.900		
16,000.00	7,252.51	6,564.00	6,541.04	255.51	28.11	9.76	-828.91	299.47	7,982.89	7,914.80	68.09	117.240		
16,100.00	7,252.72	6,564.00	6,541.04	258.34	28.11	9.76	-828.91	299.47	8,082.52	8,014.36	68.16	118.576		
16,200.00	7,252.94	6,564.00	6,541.04	261.17	28.11	9.76	-828.91	299.47	8,182.16	8,113.92	68.24	119.908		
16,300.00	7,253.15	6,564.00	6,541.04	264.00	28.11	9.76	-828.91	299.47	8,281.80	8,213.49	68.31	121.236		
16,400.00	7,253.36	6,564.00	6,541.04	266.83	28.11	9.76	-828.91	299.47	8,381.45	8,313.07	68.39	122.560		
16,500.00	7,253.58	6,564.00	6,541.04	269.66	28.11	9.76	-828.91	299.47	8,481.11	8,412.65	68.46	123.879		
16,600.00	7,253.79	6,564.00	6,541.04	272.50	28.11	9.76	-828.91	299.47	8,580.78	8,512.24	68.54	125.194		
16,700.00	7,254.00	6,564.00	6,541.04	275.33	28.11	9.76	-828.91	299.47	8,680.46	8,611.84	68.62	126.505		
16,800.00	7,254.22	6,564.00	6,541.04	278.16	28.11	9.76	-828.91	299.47	8,780.14	8,711.45	68.70	127.812		
16,900.00	7,254.43	6,564.00	6,541.04	281.00	28.11	9.76	-828.91	299.47	8,879.84	8,811.06	68.78	129.114		
17,000.00	7,254.64	6,564.00	6,541.04	283.83	28.11	9.76	-828.91	299.47	8,979.53	8,910.68	68.86	130.412		
17,100.00	7,254.85	6,564.00	6,541.04	286.67	28.11	9.76	-828.91	299.47	9,079.24	9,010.30	68.94	131.705		
17,200.00	7,255.07	6,564.00	6,541.04	289.50	28.11	9.76	-828.91	299.47	9,178.95	9,109.93	69.02	132.994		
17,300.00	7,255.28	6,564.00	6,541.04	292.34	28.11	9.76	-828.91	299.47	9,278.67	9,209.57	69.10	134.279		
17,400.00	7,255.49	6,564.00	6,541.04	295.17	28.11	9.76	-828.91	299.47	9,378.39	9,309.21	69.18	135.560		
17,500.00	7,255.71	6,564.00	6,541.04	298.01	28.11	9.76	-828.91	299.47	9,478.12	9,408.85	69.27	136.835		
17,600.00	7,255.92	6,564.00	6,541.04	300.85	28.11	9.76	-828.91	299.47	9,577.85	9,508.50	69.35	138.107		
17,700.00	7,256.13	6,564.00	6,541.04	303.68	28.11	9.76	-828.91	299.47	9,677.59	9,608.16	69.44	139.374		
17,800.00	7,256.35	6,564.00	6,541.04	306.52	28.11	9.76	-828.91	299.47	9,777.34	9,707.82	69.52	140.636		
17,900.00	7,256.56	6,564.00	6,541.04	309.36	28.11	9.76	-828.91	299.47	9,877.09	9,807.48	69.61	141.894		
18,000.00	7,256.77	6,564.00	6,541.04	312.20	28.11	9.76	-828.91	299.47	9,976.84	9,907.15	69.70	143.147		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 25N(S)-7B-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 342-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	139.47	-592.72	506.71	779.87					
100.00	100.00	90.15	90.15	3.28	3.29	139.45	-592.48	506.89	779.72	773.15	6.57	118.667		
200.00	200.00	191.43	191.43	3.34	3.31	139.37	-591.62	507.53	779.49	772.85	6.64	117.325		
300.00	300.00	292.69	292.67	3.44	3.34	139.24	-590.15	508.63	779.10	772.31	6.79	114.787		
400.00	399.98	408.31	408.25	3.60	3.44	14.12	-587.62	509.64	776.39	769.34	7.04	110.225		
500.00	499.84	537.38	537.18	3.79	3.65	14.18	-582.37	507.06	766.93	759.46	7.47	102.620		
600.00	599.45	658.73	658.10	4.03	3.92	14.22	-573.05	502.97	750.47	742.47	8.00	93.812		
700.00	698.70	762.87	761.68	4.30	4.19	14.32	-563.14	498.78	728.95	720.41	8.54	85.360		
800.00	797.47	874.33	872.41	4.61	4.52	14.48	-551.41	493.90	703.22	694.05	9.17	76.673		
900.00	895.62	988.87	985.68	4.95	4.89	14.57	-535.40	488.39	671.40	661.53	9.87	68.044		
1,000.00	993.06	1,098.79	1,093.82	5.33	5.28	14.60	-516.58	482.68	633.91	623.33	10.58	59.916		
1,100.00	1,090.08	1,189.55	1,182.86	5.74	5.61	14.38	-499.60	478.00	593.78	582.55	11.23	52.865		
1,200.00	1,187.11	1,277.60	1,269.32	6.17	5.95	14.18	-483.58	473.36	553.95	542.05	11.90	46.564		
1,300.00	1,284.14	1,377.24	1,367.08	6.61	6.35	13.92	-465.19	467.81	513.76	501.14	12.62	40.701		
1,400.00	1,381.17	1,477.05	1,464.57	7.07	6.77	13.40	-444.51	462.30	472.03	458.67	13.36	35.327		
1,500.00	1,478.20	1,578.78	1,563.29	7.55	7.20	12.50	-420.70	456.36	428.30	414.19	14.11	30.361		
1,600.00	1,575.23	1,665.63	1,647.34	8.03	7.59	11.45	-399.41	451.28	383.90	369.04	14.85	25.848		
1,700.00	1,672.26	1,748.36	1,727.57	8.52	7.96	10.16	-379.63	447.26	340.66	325.04	15.63	21.802		
1,800.00	1,769.29	1,832.86	1,809.81	9.01	8.34	8.47	-360.42	444.38	299.35	282.92	16.43	18.222		
1,900.00	1,866.32	1,922.43	1,897.21	9.51	8.75	6.20	-341.01	442.07	259.60	242.36	17.24	15.057		
2,000.00	1,963.35	2,012.55	1,985.34	10.02	9.15	3.36	-322.32	439.47	220.65	202.58	18.07	12.208		
2,100.00	2,060.38	2,105.91	2,076.71	10.53	9.57	-0.59	-303.45	436.39	182.38	163.47	18.91	9.645		
2,200.00	2,157.41	2,197.47	2,166.14	11.04	9.99	-6.67	-284.08	432.87	144.33	124.52	19.81	7.285		
2,300.00	2,254.44	2,288.28	2,254.63	11.56	10.42	-17.24	-263.90	430.01	108.96	88.09	20.87	5.221		
2,400.00	2,351.47	2,378.63	2,342.47	12.07	10.84	-36.17	-242.88	427.75	80.63	58.37	22.26	3.622		
2,500.00	2,448.50	2,470.43	2,432.17	12.59	11.27	-64.49	-223.52	425.27	67.43	43.67	23.76	2.838		
2,510.53	2,458.71	2,480.07	2,441.58	12.65	11.31	-67.86	-221.47	424.96	67.29	43.41	23.89	2.817	CC, ES, SF	
2,600.00	2,545.53	2,560.92	2,520.43	13.12	11.70	-94.49	-203.84	421.97	76.97	52.54	24.44	3.150		
2,700.00	2,642.56	2,651.61	2,608.65	13.64	12.13	-114.78	-183.09	418.47	104.84	80.10	24.74	4.237		
2,800.00	2,739.59	2,742.30	2,697.04	14.17	12.56	-126.43	-163.16	414.82	139.52	114.28	25.24	5.527		
2,900.00	2,836.62	2,832.81	2,785.10	14.69	12.99	-132.90	-142.36	412.62	178.05	152.15	25.91	6.873		
3,000.00	2,933.65	2,921.37	2,871.36	15.22	13.42	-137.13	-122.45	410.23	217.51	190.92	26.59	8.180		
3,100.00	3,030.68	3,006.87	2,954.08	15.75	13.84	-140.17	-101.15	406.55	260.28	233.04	27.23	9.557		
3,200.00	3,127.71	3,105.14	3,049.48	16.28	14.32	-142.90	-78.12	401.67	302.48	274.23	28.25	10.709		
3,300.00	3,224.74	3,198.56	3,140.73	16.82	14.77	-144.92	-58.59	397.46	342.69	313.56	29.12	11.768		
3,400.00	3,321.76	3,289.28	3,229.13	17.35	15.20	-146.36	-38.52	393.65	384.09	354.15	29.95	12.826		
3,500.00	3,418.79	3,393.25	3,331.04	17.88	15.70	-147.87	-18.50	389.09	423.29	392.27	31.02	13.647		
3,600.00	3,515.82	3,488.47	3,424.72	18.42	16.14	-149.09	-1.87	385.13	461.07	429.16	31.91	14.449		
3,700.00	3,612.85	3,574.14	3,508.92	18.95	16.54	-149.89	13.67	382.39	499.18	466.52	32.65	15.288		
3,800.00	3,709.88	3,657.23	3,590.22	19.49	16.94	-150.48	30.60	379.65	539.23	505.87	33.36	16.164		
3,900.00	3,806.91	3,745.20	3,676.16	20.02	17.36	-151.01	49.10	376.50	580.02	545.86	34.16	16.979		
4,000.00	3,903.94	3,827.54	3,756.35	20.56	17.77	-151.32	67.69	374.36	621.72	586.84	34.88	17.827		
4,100.00	4,000.97	3,902.07	3,828.50	21.09	18.14	-151.47	86.27	372.59	665.26	629.80	35.46	18.761		
4,200.00	4,098.00	3,976.13	3,899.76	21.63	18.51	-151.58	106.28	370.24	710.85	674.81	36.04	19.723		
4,300.00	4,195.03	4,057.05	3,977.25	22.17	18.93	-151.69	129.37	367.04	757.99	721.23	36.76	20.619		
4,400.00	4,292.06	4,154.74	4,070.71	22.71	19.43	-151.73	157.64	363.86	805.21	767.41	37.80	21.302		
4,500.00	4,389.09	4,275.40	4,187.05	23.25	20.05	-151.85	189.45	360.73	850.08	810.88	39.19	21.689		
4,600.00	4,486.12	4,399.69	4,308.52	23.78	20.65	-152.26	215.31	356.27	890.58	850.03	40.54	21.966		
4,700.00	4,583.15	4,482.25	4,389.38	24.32	21.04	-152.56	231.59	352.87	930.65	889.36	41.29	22.541		
4,800.00	4,680.18	4,570.28	4,475.50	24.86	21.47	-152.85	249.52	349.19	971.30	929.19	42.11	23.066		
4,900.00	4,777.21	4,660.43	4,563.57	25.40	21.91	-153.07	268.41	345.92	1,012.20	969.24	42.96	23.559		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Fagerberg 25N(S)-7B-M - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 342-MWD+IFR1													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,874.24	4,758.95	4,659.91	25.94	22.39	-153.29	288.77	342.67	1,052.72	1,008.79	43.93	23.962		
5,100.00	4,971.27	4,847.67	4,746.76	26.48	22.81	-153.53	306.51	338.84	1,093.18	1,048.42	44.77	24.419		
5,200.00	5,068.30	4,946.14	4,843.34	27.02	23.28	-153.91	324.68	332.68	1,133.32	1,087.60	45.72	24.787		
5,300.00	5,165.33	5,027.44	4,923.05	27.56	23.67	-154.23	339.67	327.20	1,173.72	1,127.26	46.45	25.266		
5,400.00	5,262.36	5,094.78	4,988.85	28.10	24.00	-154.42	353.41	323.03	1,215.44	1,168.44	47.01	25.857		
5,500.00	5,359.39	5,170.74	5,062.69	28.64	24.38	-154.55	370.74	318.96	1,258.70	1,211.02	47.68	26.400		
5,600.00	5,456.42	5,363.43	5,251.04	29.18	25.31	-154.72	410.65	314.37	1,299.09	1,249.28	49.82	26.077		
5,700.00	5,553.45	5,490.40	5,376.48	29.72	25.89	-154.92	430.22	312.84	1,334.49	1,283.45	51.04	26.146		
5,800.00	5,650.47	5,580.24	5,465.32	30.27	26.30	-155.01	443.59	313.31	1,368.60	1,316.72	51.88	26.379		
5,900.00	5,747.50	5,679.40	5,563.38	30.81	26.75	-155.11	458.29	313.49	1,402.82	1,350.00	52.81	26.561		
6,000.00	5,844.53	5,864.68	5,747.63	31.35	27.54	-155.47	477.39	314.00	1,432.87	1,378.43	54.44	26.320		
6,100.00	5,941.56	5,986.66	5,869.37	31.89	28.05	-155.79	484.94	314.52	1,459.94	1,404.46	55.48	26.314		
6,200.00	6,038.59	6,099.41	5,982.03	32.43	28.50	-156.15	489.49	314.26	1,485.60	1,429.15	56.44	26.320		
6,300.00	6,135.62	6,210.85	6,093.42	32.97	28.94	-156.56	492.26	313.02	1,510.52	1,453.13	57.39	26.322		
6,400.00	6,232.65	6,324.96	6,207.52	33.51	29.38	-157.00	493.34	311.74	1,534.21	1,475.88	58.33	26.302		
6,500.00	6,329.68	7,759.20	7,050.29	34.06	38.28	-129.74	507.05	1,169.65	1,508.39	1,447.27	61.12	24.678		
6,600.00	6,426.71	7,778.00	7,050.44	34.60	38.56	-129.00	506.88	1,188.45	1,476.20	1,412.29	63.91	23.100		
6,655.36	6,480.43	7,784.83	7,050.51	34.90	38.67	-128.73	506.82	1,195.28	1,460.91	1,395.56	65.35	22.355		
6,700.00	6,524.01	7,792.06	7,050.58	35.13	38.79	-139.61	506.76	1,202.50	1,449.90	1,383.39	66.51	21.800		
6,750.00	6,573.29	7,796.69	7,050.62	35.36	38.87	-160.93	506.73	1,207.14	1,439.00	1,371.31	67.69	21.258		
6,800.00	6,622.76	7,797.69	7,050.63	35.56	38.89	169.61	506.72	1,208.13	1,429.74	1,361.00	68.74	20.799		
6,850.00	6,672.13	7,795.08	7,050.61	35.73	38.84	144.79	506.74	1,205.52	1,422.23	1,352.58	69.65	20.419		
6,900.00	6,721.08	7,788.92	7,050.55	35.88	38.74	129.59	506.79	1,199.36	1,416.52	1,346.10	70.43	20.113		
6,950.00	6,769.31	7,779.28	7,050.45	36.03	38.58	120.46	506.86	1,189.72	1,412.62	1,341.56	71.06	19.878		
7,000.00	6,816.53	7,767.31	7,050.34	36.18	38.40	114.50	506.97	1,177.76	1,410.49	1,338.89	71.60	19.700		
7,038.06	6,851.61	7,756.06	7,050.28	36.30	38.23	111.11	507.09	1,166.50	1,410.01	1,338.09	71.93	19.604		
7,050.00	6,862.44	7,752.13	7,050.26	36.34	38.17	110.17	507.13	1,162.57	1,410.06	1,338.05	72.01	19.581		
7,100.00	6,906.77	7,733.61	7,050.25	36.50	37.89	106.72	507.35	1,144.05	1,411.21	1,338.91	72.30	19.519		
7,150.00	6,949.23	7,711.79	7,050.36	36.68	37.55	103.76	507.66	1,122.24	1,413.78	1,341.31	72.47	19.508		
7,200.00	6,989.58	7,689.68	7,050.61	36.87	37.21	101.20	508.02	1,100.14	1,417.58	1,345.00	72.59	19.530		
7,250.00	7,027.55	7,632.78	7,050.97	37.09	36.43	97.87	508.58	1,043.25	1,422.05	1,349.93	72.12	19.718		
7,300.00	7,062.91	7,588.85	7,051.09	37.32	35.87	95.26	508.57	999.31	1,426.89	1,355.01	71.88	19.852		
7,350.00	7,095.45	7,536.04	7,051.05	37.59	35.22	92.71	508.16	946.50	1,431.86	1,360.35	71.51	20.023		
7,400.00	7,124.97	7,474.83	7,047.79	37.88	34.54	90.16	506.73	885.41	1,436.46	1,365.40	71.06	20.215		
7,450.00	7,151.28	7,440.37	7,044.10	38.21	34.20	88.46	505.59	851.17	1,440.78	1,369.71	71.07	20.273		
7,500.00	7,174.22	7,410.24	7,039.67	38.58	33.92	86.99	504.72	821.39	1,445.24	1,374.07	71.18	20.305		
7,550.00	7,193.65	7,386.50	7,035.36	38.98	33.69	85.78	504.08	798.04	1,449.72	1,378.33	71.39	20.307		
7,600.00	7,209.45	7,333.33	7,023.07	39.43	33.29	84.07	502.76	746.35	1,454.02	1,382.72	71.29	20.395		
7,650.00	7,221.52	7,283.89	7,007.79	39.91	32.95	82.58	500.75	699.39	1,457.53	1,386.27	71.25	20.455		
7,700.00	7,229.79	7,227.15	6,985.45	40.42	32.67	81.03	497.35	647.38	1,460.15	1,388.94	71.21	20.504		
7,750.00	7,234.21	7,183.00	6,964.25	40.97	32.48	79.86	493.73	608.83	1,461.79	1,390.45	71.35	20.488		
7,780.56	7,235.00	7,183.00	6,964.25	41.32	32.48	79.77	493.73	608.83	1,462.72	1,390.88	71.84	20.361		
7,800.00	7,235.04	7,183.00	6,964.25	41.54	32.48	79.77	493.73	608.83	1,463.49	1,391.33	72.16	20.282		
7,900.00	7,235.26	7,147.77	6,944.98	42.82	32.35	79.01	491.45	579.45	1,469.92	1,396.54	73.39	20.030		
8,000.00	7,235.47	7,126.94	6,932.61	44.25	32.27	78.53	490.99	562.70	1,482.12	1,407.26	74.86	19.799		
8,100.00	7,235.68	7,091.00	6,909.68	45.82	32.15	77.66	491.75	535.05	1,500.19	1,424.04	76.15	19.699		
8,200.00	7,235.90	7,091.00	6,909.68	47.52	32.15	77.66	491.75	535.05	1,522.96	1,445.08	77.88	19.554		
8,300.00	7,236.11	7,051.96	6,882.92	49.34	32.01	76.66	493.82	506.70	1,550.82	1,471.69	79.13	19.599		
8,400.00	7,236.32	7,020.29	6,860.07	51.25	31.91	75.82	495.72	484.86	1,583.03	1,502.64	80.39	19.692		
8,500.00	7,236.54	6,997.00	6,842.64	53.26	31.83	75.19	497.24	469.49	1,619.56	1,537.89	81.66	19.833		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Fagerberg 25N(S)-7B-M - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 342-MWD+IFR1													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,600.00	7,236.75	6,969.11	6,820.95	55.34	31.74	74.41	499.17	452.06	1,660.29	1,577.49	82.81	20.050		
8,700.00	7,236.96	6,948.65	6,804.43	57.50	31.67	73.81	500.63	440.07	1,705.18	1,621.26	83.92	20.320		
8,800.00	7,237.17	6,905.00	6,767.61	59.71	31.53	72.51	503.85	416.89	1,754.57	1,669.86	84.71	20.713		
8,900.00	7,237.39	6,905.00	6,767.61	61.98	31.53	72.51	503.85	416.89	1,806.59	1,720.81	85.79	21.059		
9,000.00	7,237.60	6,905.00	6,767.61	64.29	31.53	72.51	503.85	416.89	1,862.54	1,775.80	86.74	21.473		
9,100.00	7,237.81	6,874.07	6,740.45	66.65	31.43	71.57	505.96	402.26	1,921.52	1,834.16	87.36	21.995		
9,200.00	7,238.03	6,854.84	6,723.22	69.05	31.36	70.97	507.06	393.80	1,983.37	1,895.38	87.98	22.543		
9,300.00	7,238.24	6,837.69	6,707.64	71.48	31.30	70.44	507.90	386.67	2,047.85	1,959.32	88.53	23.131		
9,400.00	7,238.45	6,810.00	6,682.11	73.95	31.21	69.56	508.98	376.00	2,114.89	2,025.96	88.93	23.781		
9,500.00	7,238.67	6,718.00	6,596.01	76.44	30.89	66.62	507.08	343.80	2,183.66	2,094.96	88.70	24.619		
9,600.00	7,238.88	6,718.00	6,596.01	78.96	30.89	66.62	507.08	343.80	2,253.69	2,164.48	89.21	25.262		
9,700.00	7,239.09	6,718.00	6,596.01	81.50	30.89	66.62	507.08	343.80	2,325.91	2,236.25	89.66	25.942		
9,800.00	7,239.30	6,686.53	6,566.20	84.06	30.77	65.60	504.63	334.03	2,399.39	2,309.62	89.77	26.729		
9,900.00	7,239.52	6,678.80	6,558.81	86.64	30.74	65.35	504.00	331.86	2,475.01	2,384.96	90.04	27.487		
10,000.00	7,239.73	6,671.66	6,551.96	89.23	30.71	65.11	503.40	329.92	2,552.22	2,461.94	90.28	28.269		
10,100.00	7,239.94	6,665.05	6,545.60	91.85	30.69	64.90	502.83	328.20	2,630.90	2,540.42	90.49	29.075		
10,200.00	7,240.16	6,658.91	6,539.68	94.47	30.67	64.70	502.30	326.66	2,710.93	2,620.27	90.66	29.902		
10,300.00	7,240.37	6,625.00	6,506.76	97.11	30.54	63.60	499.19	319.14	2,792.80	2,702.22	90.58	30.834		
10,400.00	7,240.58	6,625.00	6,506.76	99.76	30.54	63.60	499.19	319.14	2,874.99	2,784.24	90.75	31.680		
10,500.00	7,240.80	6,625.00	6,506.76	102.43	30.54	63.60	499.19	319.14	2,958.28	2,867.37	90.90	32.543		
10,600.00	7,241.01	6,625.00	6,506.76	105.10	30.54	63.60	499.19	319.14	3,042.57	2,951.54	91.03	33.424		
10,700.00	7,241.22	6,625.00	6,506.76	107.79	30.54	63.60	499.19	319.14	3,127.79	3,036.65	91.14	34.319		
10,800.00	7,241.43	6,625.00	6,506.76	110.48	30.54	63.60	499.19	319.14	3,213.86	3,122.64	91.23	35.229		
10,900.00	7,241.65	6,625.00	6,506.76	113.18	30.54	63.60	499.19	319.14	3,300.72	3,209.42	91.30	36.151		
11,000.00	7,241.86	6,625.00	6,506.76	115.89	30.54	63.60	499.19	319.14	3,388.30	3,296.94	91.37	37.084		
11,100.00	7,242.07	6,625.00	6,506.76	118.60	30.54	63.60	499.19	319.14	3,476.56	3,385.14	91.42	38.029		
11,200.00	7,242.29	6,625.00	6,506.76	121.32	30.54	63.60	499.19	319.14	3,565.43	3,473.97	91.46	38.983		
11,300.00	7,242.50	6,625.00	6,506.76	124.05	30.54	63.60	499.19	319.14	3,654.88	3,563.38	91.50	39.946		
11,400.00	7,242.71	6,625.00	6,506.76	126.78	30.54	63.60	499.19	319.14	3,744.86	3,653.34	91.52	40.917		
11,500.00	7,242.93	6,625.00	6,506.76	129.52	30.54	63.60	499.19	319.14	3,835.34	3,743.79	91.54	41.896		
11,600.00	7,243.14	6,625.00	6,506.76	132.27	30.54	63.60	499.19	319.14	3,926.28	3,834.72	91.56	42.882		
11,700.00	7,243.35	6,625.00	6,506.76	135.02	30.54	63.60	499.19	319.14	4,017.65	3,926.08	91.57	43.874		
11,800.00	7,243.57	6,625.00	6,506.76	137.77	30.54	63.60	499.19	319.14	4,109.42	4,017.84	91.58	44.873		
11,900.00	7,243.78	6,625.00	6,506.76	140.53	30.54	63.60	499.19	319.14	4,201.57	4,109.98	91.58	45.877		
12,000.00	7,243.99	6,625.00	6,506.76	143.29	30.54	63.60	499.19	319.14	4,294.07	4,202.48	91.59	46.885		
12,100.00	7,244.20	6,625.00	6,506.76	146.05	30.54	63.60	499.19	319.14	4,386.90	4,295.31	91.59	47.899		
12,200.00	7,244.42	6,625.00	6,506.76	148.82	30.54	63.60	499.19	319.14	4,480.03	4,388.45	91.58	48.917		
12,300.00	7,244.63	6,625.00	6,506.76	151.60	30.54	63.60	499.19	319.14	4,573.46	4,481.88	91.58	49.939		
12,400.00	7,244.84	6,625.00	6,506.76	154.37	30.54	63.60	499.19	319.14	4,667.16	4,575.58	91.58	50.964		
12,500.00	7,245.06	6,625.00	6,506.76	157.15	30.54	63.60	499.19	319.14	4,761.11	4,669.54	91.57	51.993		
12,600.00	7,245.27	6,625.00	6,506.76	159.93	30.54	63.60	499.19	319.14	4,855.31	4,763.74	91.57	53.025		
12,700.00	7,245.48	6,625.00	6,506.76	162.71	30.54	63.60	499.19	319.14	4,949.74	4,858.18	91.56	54.059		
12,800.00	7,245.70	6,625.00	6,506.76	165.50	30.54	63.60	499.19	319.14	5,044.38	4,952.82	91.56	55.096		
12,900.00	7,245.91	6,625.00	6,506.76	168.29	30.54	63.60	499.19	319.14	5,139.22	5,047.67	91.55	56.136		
13,000.00	7,246.12	6,625.00	6,506.76	171.08	30.54	63.60	499.19	319.14	5,234.25	5,142.71	91.54	57.178		
13,100.00	7,246.33	6,625.00	6,506.76	173.87	30.54	63.60	499.19	319.14	5,329.47	5,237.93	91.54	58.221		
13,200.00	7,246.55	6,625.00	6,506.76	176.67	30.54	63.60	499.19	319.14	5,424.86	5,333.33	91.53	59.267		
13,300.00	7,246.76	6,625.00	6,506.76	179.47	30.54	63.60	499.19	319.14	5,520.41	5,428.88	91.53	60.313		
13,400.00	7,246.97	6,625.00	6,506.76	182.27	30.54	63.60	499.19	319.14	5,616.12	5,524.59	91.52	61.362		
13,500.00	7,247.19	6,625.00	6,506.76	185.07	30.54	63.60	499.19	319.14	5,711.97	5,620.45	91.52	62.411		
13,600.00	7,247.40	6,625.00	6,506.76	187.87	30.54	63.60	499.19	319.14	5,807.97	5,716.45	91.52	63.462		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 25N(S)-7B-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 342-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,247.61	6,625.00	6,506.76	190.68	30.54	63.60	499.19	319.14	5,904.09	5,812.58	91.52	64.514		
13,800.00	7,247.83	6,625.00	6,506.76	193.48	30.54	63.60	499.19	319.14	6,000.35	5,908.83	91.52	65.566		
13,900.00	7,248.04	6,625.00	6,506.76	196.29	30.54	63.60	499.19	319.14	6,096.72	6,005.20	91.52	66.620		
14,000.00	7,248.25	6,625.00	6,506.76	199.10	30.54	63.60	499.19	319.14	6,193.21	6,101.69	91.52	67.674		
14,100.00	7,248.46	6,625.00	6,506.76	201.91	30.54	63.60	499.19	319.14	6,289.81	6,198.29	91.52	68.728		
14,200.00	7,248.68	6,625.00	6,506.76	204.72	30.54	63.60	499.19	319.14	6,386.51	6,294.99	91.52	69.783		
14,300.00	7,248.89	6,625.00	6,506.76	207.53	30.54	63.60	499.19	319.14	6,483.31	6,391.79	91.52	70.838		
14,400.00	7,249.10	6,581.81	6,464.22	210.35	30.37	62.20	495.88	312.58	6,577.99	6,486.61	91.38	71.986		
14,500.00	7,249.32	6,581.15	6,463.56	213.16	30.36	62.18	495.84	312.51	6,674.91	6,583.53	91.38	73.043		
14,600.00	7,249.53	6,580.50	6,462.92	215.98	30.36	62.16	495.80	312.45	6,771.93	6,680.54	91.39	74.100		
14,700.00	7,249.74	6,579.87	6,462.30	218.80	30.36	62.14	495.76	312.38	6,869.02	6,777.63	91.40	75.157		
14,800.00	7,249.96	6,579.26	6,461.69	221.62	30.36	62.12	495.73	312.32	6,966.20	6,874.80	91.40	76.214		
14,900.00	7,250.17	6,578.66	6,461.10	224.44	30.36	62.10	495.70	312.26	7,063.46	6,972.05	91.41	77.271		
15,000.00	7,250.38	6,578.08	6,460.52	227.26	30.35	62.09	495.66	312.20	7,160.79	7,069.37	91.42	78.327		
15,100.00	7,250.59	6,577.51	6,459.95	230.08	30.35	62.07	495.63	312.14	7,258.20	7,166.76	91.43	79.383		
15,200.00	7,250.81	6,576.96	6,459.40	232.90	30.35	62.05	495.60	312.09	7,355.67	7,264.22	91.44	80.439		
15,300.00	7,251.02	6,576.42	6,458.86	235.72	30.35	62.03	495.57	312.04	7,453.21	7,361.75	91.46	81.494		
15,400.00	7,251.23	6,575.89	6,458.34	238.55	30.34	62.02	495.55	311.99	7,550.81	7,459.34	91.47	82.549		
15,500.00	7,251.45	6,532.00	6,414.55	241.37	30.17	60.65	494.05	309.83	7,650.68	7,559.31	91.37	83.732		
15,600.00	7,251.66	6,532.00	6,414.55	244.20	30.17	60.65	494.05	309.83	7,748.35	7,656.96	91.39	84.784		
15,700.00	7,251.87	6,532.00	6,414.55	247.03	30.17	60.65	494.05	309.83	7,846.08	7,754.67	91.41	85.835		
15,800.00	7,252.09	6,532.00	6,414.55	249.85	30.17	60.65	494.05	309.83	7,943.87	7,852.44	91.43	86.886		
15,900.00	7,252.30	6,532.00	6,414.55	252.68	30.17	60.65	494.05	309.83	8,041.70	7,950.25	91.45	87.935		
16,000.00	7,252.51	6,532.00	6,414.55	255.51	30.17	60.65	494.05	309.83	8,139.60	8,048.12	91.47	88.984		
16,100.00	7,252.72	6,532.00	6,414.55	258.34	30.17	60.65	494.05	309.83	8,237.54	8,146.04	91.50	90.032		
16,200.00	7,252.94	6,532.00	6,414.55	261.17	30.17	60.65	494.05	309.83	8,335.53	8,244.01	91.52	91.079		
16,300.00	7,253.15	6,532.00	6,414.55	264.00	30.17	60.65	494.05	309.83	8,433.57	8,342.02	91.54	92.125		
16,400.00	7,253.36	6,532.00	6,414.55	266.83	30.17	60.65	494.05	309.83	8,531.65	8,440.08	91.57	93.170		
16,500.00	7,253.58	6,532.00	6,414.55	269.66	30.17	60.65	494.05	309.83	8,629.78	8,538.18	91.60	94.214		
16,600.00	7,253.79	6,532.00	6,414.55	272.50	30.17	60.65	494.05	309.83	8,727.95	8,636.32	91.63	95.256		
16,700.00	7,254.00	6,532.00	6,414.55	275.33	30.17	60.65	494.05	309.83	8,826.16	8,734.51	91.65	96.298		
16,800.00	7,254.22	6,532.00	6,414.55	278.16	30.17	60.65	494.05	309.83	8,924.41	8,832.73	91.68	97.338		
16,900.00	7,254.43	6,532.00	6,414.55	281.00	30.17	60.65	494.05	309.83	9,022.70	8,930.99	91.72	98.378		
17,000.00	7,254.64	6,532.00	6,414.55	283.83	30.17	60.65	494.05	309.83	9,121.03	9,029.28	91.75	99.415		
17,100.00	7,254.85	6,532.00	6,414.55	286.67	30.17	60.65	494.05	309.83	9,219.39	9,127.61	91.78	100.452		
17,200.00	7,255.07	6,532.00	6,414.55	289.50	30.17	60.65	494.05	309.83	9,317.79	9,225.98	91.81	101.487		
17,300.00	7,255.28	6,532.00	6,414.55	292.34	30.17	60.65	494.05	309.83	9,416.22	9,324.37	91.85	102.521		
17,400.00	7,255.49	6,532.00	6,414.55	295.17	30.17	60.65	494.05	309.83	9,514.68	9,422.80	91.88	103.554		
17,500.00	7,255.71	6,532.00	6,414.55	298.01	30.17	60.65	494.05	309.83	9,613.18	9,521.26	91.92	104.585		
17,600.00	7,255.92	6,532.00	6,414.55	300.85	30.17	60.65	494.05	309.83	9,711.71	9,619.75	91.95	105.614		
17,700.00	7,256.13	6,532.00	6,414.55	303.68	30.17	60.65	494.05	309.83	9,810.26	9,718.27	91.99	106.642		
17,800.00	7,256.35	6,532.00	6,414.55	306.52	30.17	60.65	494.05	309.83	9,908.85	9,816.82	92.03	107.669		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 25N-7B-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 140-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	137.47	-552.65	506.98	750.05					
100.00	100.00	81.22	81.21	3.28	3.29	137.46	-552.87	507.36	750.43	743.86	6.57	114.221		
200.00	200.00	176.99	176.98	3.34	3.31	137.42	-553.64	508.68	751.94	745.29	6.65	113.042		
300.00	300.00	283.98	283.96	3.44	3.41	137.38	-554.19	510.03	753.18	746.33	6.86	109.855		
400.00	399.98	398.61	398.57	3.60	3.58	12.32	-553.13	510.83	751.28	744.10	7.18	104.658		
500.00	499.84	537.18	536.98	3.79	3.86	12.18	-546.83	510.18	742.61	734.93	7.68	96.660		
600.00	599.45	682.07	680.95	4.03	4.23	11.83	-531.16	506.53	724.51	716.16	8.35	86.746		
700.00	698.70	826.91	822.98	4.30	4.68	10.93	-503.55	501.53	696.53	687.40	9.13	76.250		
800.00	797.47	941.51	933.36	4.61	5.08	9.60	-472.97	498.26	660.52	650.70	9.82	67.254		
900.00	895.62	1,049.57	1,036.40	4.95	5.49	7.96	-440.62	494.95	619.41	608.89	10.52	58.870		
1,000.00	993.06	1,143.22	1,125.09	5.33	5.88	6.26	-410.81	490.77	573.41	562.23	11.18	51.271		
1,100.00	1,090.08	1,224.61	1,202.39	5.74	6.23	4.54	-385.71	486.45	526.40	514.59	11.81	44.562		
1,200.00	1,187.11	1,317.63	1,291.34	6.17	6.65	2.52	-359.19	480.40	480.46	467.95	12.51	38.394		
1,300.00	1,284.14	1,412.20	1,381.06	6.61	7.09	-0.15	-330.18	473.22	433.01	419.76	13.25	32.686		
1,400.00	1,381.17	1,496.30	1,460.10	7.07	7.50	-3.53	-301.96	467.98	385.90	371.90	14.00	27.573		
1,500.00	1,478.20	1,574.73	1,533.59	7.55	7.89	-7.73	-274.72	464.84	341.40	326.60	14.80	23.075		
1,600.00	1,575.23	1,654.47	1,609.14	8.03	8.29	-12.65	-249.34	462.58	301.38	285.72	15.66	19.246		
1,700.00	1,672.26	1,740.35	1,690.68	8.52	8.72	-19.18	-222.45	460.95	265.50	248.90	16.60	15.994		
1,800.00	1,769.29	1,825.84	1,771.62	9.01	9.15	-27.45	-194.94	460.13	234.91	217.28	17.63	13.324		
1,900.00	1,866.32	1,914.18	1,855.10	9.51	9.60	-37.89	-166.06	459.66	211.74	192.99	18.75	11.296		
2,000.00	1,963.35	2,004.22	1,940.32	10.02	10.06	-50.07	-137.04	458.04	197.13	177.25	19.88	9.914		
2,081.81	2,042.73	2,076.68	2,008.86	10.43	10.44	-60.68	-113.64	455.78	193.07	172.31	20.75	9.303 CC, ES		
2,100.00	2,060.38	2,092.61	2,023.93	10.53	10.52	-63.04	-108.51	455.23	193.27	172.34	20.93	9.234 SF		
2,200.00	2,157.41	2,180.62	2,107.25	11.04	10.99	-75.74	-80.33	451.96	201.54	179.75	21.79	9.249		
2,300.00	2,254.44	2,269.79	2,191.74	11.56	11.46	-87.39	-52.15	447.87	220.33	197.82	22.51	9.788		
2,400.00	2,351.47	2,358.76	2,276.11	12.07	11.93	-97.44	-24.46	442.26	246.94	223.79	23.16	10.664		
2,500.00	2,448.50	2,444.52	2,357.37	12.59	12.39	-105.59	2.16	435.66	279.78	256.04	23.74	11.785		
2,600.00	2,545.53	2,529.33	2,437.56	13.12	12.84	-112.07	29.05	429.43	318.03	293.69	24.34	13.067		
2,700.00	2,642.56	2,620.42	2,523.89	13.64	13.33	-117.68	57.23	422.40	358.83	333.74	25.09	14.301		
2,800.00	2,739.59	2,710.46	2,609.73	14.17	13.81	-121.84	83.94	417.34	400.66	374.80	25.86	15.492		
2,900.00	2,836.62	2,793.91	2,689.25	14.69	14.25	-124.63	109.15	415.27	444.19	417.63	26.56	16.725		
3,000.00	2,933.65	2,881.72	2,772.82	15.22	14.72	-127.05	136.00	413.27	488.86	461.51	27.35	17.873		
3,100.00	3,030.68	2,966.77	2,853.72	15.75	15.17	-129.07	162.16	410.79	534.37	506.26	28.11	19.009		
3,200.00	3,127.71	3,049.96	2,932.65	16.28	15.62	-130.63	188.37	409.43	580.86	552.00	28.86	20.128		
3,300.00	3,224.74	3,140.16	3,018.10	16.82	16.10	-131.90	217.27	409.60	627.85	598.11	29.74	21.112		
3,400.00	3,321.76	3,225.19	3,098.73	17.35	16.55	-132.97	244.28	409.42	674.87	644.33	30.54	22.097		
3,500.00	3,418.79	3,309.88	3,178.94	17.88	17.01	-133.97	271.43	408.45	722.49	691.15	31.34	23.052		
3,600.00	3,515.82	3,401.70	3,265.97	18.42	17.51	-135.00	300.64	406.37	770.30	738.04	32.26	23.880		
3,700.00	3,612.85	3,505.24	3,364.52	18.95	18.06	-136.02	332.31	404.43	817.11	783.76	33.34	24.507		
3,800.00	3,709.88	3,606.91	3,461.74	19.49	18.60	-136.74	362.05	404.96	862.27	827.88	34.39	25.076		
3,900.00	3,806.91	3,706.20	3,557.10	20.02	19.11	-137.44	389.72	404.92	906.40	871.01	35.38	25.616		
4,000.00	3,903.94	3,785.79	3,633.56	20.56	19.52	-137.95	411.80	404.81	950.53	914.41	36.12	26.313		
4,100.00	4,000.97	3,863.85	3,708.27	21.09	19.93	-138.39	434.40	404.90	995.75	958.90	36.85	27.023		
4,200.00	4,098.00	3,942.36	3,783.12	21.63	20.35	-138.74	458.09	405.43	1,041.96	1,004.37	37.58	27.723		
4,300.00	4,195.03	4,020.43	3,857.34	22.17	20.76	-139.07	482.30	405.77	1,089.01	1,050.69	38.32	28.419		
4,400.00	4,292.06	4,095.97	3,928.92	22.71	21.17	-139.36	506.45	406.05	1,136.96	1,097.94	39.02	29.136		
4,500.00	4,389.09	4,166.14	3,995.10	23.25	21.56	-139.59	529.78	406.28	1,186.08	1,146.42	39.65	29.911		
4,600.00	4,486.12	4,238.77	4,063.26	23.78	21.97	-139.80	554.83	406.41	1,236.34	1,196.02	40.33	30.659		
4,700.00	4,583.15	4,379.92	4,196.28	24.32	22.75	-140.25	602.00	405.79	1,286.24	1,244.28	41.97	30.650		
4,800.00	4,680.18	4,493.05	4,304.39	24.86	23.35	-140.67	635.30	404.64	1,332.43	1,289.28	43.16	30.875		
4,900.00	4,777.21	4,597.61	4,404.76	25.40	23.90	-141.05	664.57	403.52	1,377.42	1,333.20	44.22	31.149		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Fagerberg 25N-7B-M - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 140-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,874.24	4,676.09	4,480.32	25.94	24.31	-141.35	685.71	402.16	1,421.76	1,376.79	44.97	31.616		
5,100.00	4,971.27	4,737.00	4,538.64	26.48	24.63	-141.60	703.17	400.05	1,468.00	1,422.50	45.50	32.264		
5,200.00	5,068.30	4,796.64	4,595.42	27.02	24.95	-141.85	721.22	397.42	1,515.94	1,469.93	46.01	32.949		
5,300.00	5,165.33	4,889.81	4,683.93	27.56	25.46	-142.21	750.00	393.12	1,564.67	1,517.72	46.95	33.323		
5,400.00	5,262.36	4,962.45	4,753.08	28.10	25.86	-142.50	771.90	389.42	1,612.99	1,565.36	47.63	33.862		
5,500.00	5,359.39	5,019.78	4,807.33	28.64	26.17	-142.71	790.16	386.11	1,662.92	1,614.81	48.11	34.566		
5,600.00	5,456.42	5,169.28	4,949.51	29.18	26.99	-143.32	835.23	376.06	1,711.65	1,661.87	49.78	34.383		
5,700.00	5,553.45	5,265.35	5,041.50	29.72	27.50	-143.71	862.17	369.68	1,758.72	1,707.98	50.75	34.656		
5,800.00	5,650.47	5,424.88	5,194.81	30.27	28.34	-144.24	905.49	361.75	1,804.93	1,752.50	52.43	34.425		
5,900.00	5,747.50	5,627.00	5,392.28	30.81	29.31	-145.15	946.05	347.75	1,844.89	1,790.53	54.37	33.934		
6,000.00	5,844.53	5,741.26	5,504.61	31.35	29.84	-145.55	966.48	343.50	1,882.39	1,826.96	55.42	33.963		
6,100.00	5,941.56	5,908.70	5,669.86	31.89	30.59	-146.04	993.30	341.07	1,917.37	1,860.50	56.87	33.712		
6,200.00	6,038.59	6,013.99	5,774.09	32.43	31.05	-146.32	1,008.18	340.61	1,950.50	1,892.67	57.83	33.730		
6,300.00	6,135.62	6,104.80	5,864.04	32.97	31.44	-146.58	1,020.50	339.39	1,983.52	1,924.85	58.67	33.806		
6,400.00	6,232.65	6,288.13	6,045.97	33.51	32.22	-147.06	1,042.95	338.86	2,015.42	1,955.31	60.11	33.527		
6,500.00	6,329.68	6,465.50	6,222.72	34.06	32.92	-147.48	1,057.22	342.44	2,042.30	1,980.91	61.39	33.269		
6,600.00	6,426.71	7,875.75	7,073.59	34.60	40.46	-126.38	1,088.89	1,236.23	2,025.42	1,957.58	67.84	29.855		
6,655.36	6,480.43	7,884.53	7,073.18	34.90	40.59	-126.13	1,088.77	1,245.00	2,015.64	1,946.67	68.97	29.223		
6,700.00	6,524.01	7,890.24	7,072.93	35.13	40.68	-137.54	1,088.69	1,250.70	2,008.82	1,938.98	69.83	28.766		
6,750.00	6,573.29	7,892.88	7,072.81	35.36	40.72	-159.40	1,088.65	1,253.34	2,002.36	1,931.67	70.69	28.326		
6,800.00	6,622.76	7,891.33	7,072.88	35.56	40.70	170.67	1,088.67	1,251.79	1,997.23	1,925.81	71.43	27.962		
6,850.00	6,672.13	7,885.34	7,073.14	35.73	40.61	145.45	1,088.76	1,245.81	1,993.46	1,921.43	72.04	27.673		
6,900.00	6,721.08	7,874.69	7,073.64	35.88	40.45	129.89	1,088.90	1,235.17	1,991.04	1,918.52	72.52	27.454		
6,950.00	6,769.31	7,859.17	7,074.44	36.03	40.22	120.47	1,089.09	1,219.67	1,989.93	1,917.04	72.89	27.301		
6,970.23	6,788.55	7,851.47	7,074.87	36.09	40.10	117.67	1,089.17	1,211.98	1,989.83	1,916.83	73.00	27.258		
7,000.00	6,816.53	7,838.60	7,075.62	36.18	39.91	114.22	1,089.29	1,199.14	1,990.03	1,916.91	73.13	27.213		
7,050.00	6,862.44	7,817.48	7,076.95	36.34	39.61	109.76	1,089.44	1,178.06	1,991.25	1,917.91	73.34	27.152		
7,100.00	6,906.77	7,799.45	7,077.90	36.50	39.38	106.43	1,089.64	1,160.06	1,993.53	1,919.94	73.59	27.089		
7,150.00	6,949.23	7,779.95	7,078.63	36.68	39.12	103.69	1,089.95	1,140.57	1,996.79	1,922.99	73.80	27.056		
7,200.00	6,989.58	7,759.14	7,079.07	36.87	38.85	101.35	1,090.39	1,119.77	2,000.94	1,926.96	73.98	27.047		
7,250.00	7,027.55	7,732.00	7,079.12	37.09	38.50	99.15	1,091.13	1,092.64	2,005.88	1,931.83	74.05	27.089		
7,300.00	7,062.91	7,585.90	7,058.32	37.32	36.95	94.47	1,091.15	948.47	2,010.24	1,937.77	72.47	27.740		
7,350.00	7,095.45	7,543.00	7,045.75	37.59	36.59	92.34	1,089.77	907.48	2,014.18	1,941.79	72.39	27.824		
7,400.00	7,124.97	7,543.00	7,045.75	37.88	36.59	91.36	1,089.77	907.48	2,018.63	1,945.72	72.91	27.687		
7,450.00	7,151.28	7,516.60	7,036.59	38.21	36.41	89.86	1,089.01	882.74	2,023.27	1,950.15	73.13	27.668		
7,500.00	7,174.22	7,504.50	7,031.99	38.58	36.33	88.77	1,088.83	871.55	2,028.45	1,954.90	73.55	27.580		
7,550.00	7,193.65	7,491.97	7,026.96	38.98	36.25	87.73	1,088.75	860.07	2,033.94	1,959.95	73.99	27.488		
7,600.00	7,209.45	7,479.04	7,021.50	39.43	36.18	86.74	1,088.78	848.35	2,039.68	1,965.21	74.47	27.391		
7,650.00	7,221.52	7,450.00	7,008.23	39.91	36.02	85.53	1,089.31	822.53	2,045.76	1,971.00	74.76	27.363		
7,700.00	7,229.79	7,450.00	7,008.23	40.42	36.02	84.91	1,089.31	822.53	2,051.60	1,976.15	75.45	27.190		
7,750.00	7,234.21	7,430.69	6,998.78	40.97	35.93	84.03	1,089.90	805.70	2,057.58	1,981.63	75.95	27.091		
7,780.56	7,235.00	7,416.41	6,991.58	41.32	35.87	83.50	1,090.40	793.38	2,061.13	1,984.89	76.24	27.036		
7,800.00	7,235.04	7,407.33	6,986.91	41.54	35.83	83.37	1,090.74	785.60	2,063.41	1,986.99	76.42	27.001		
7,900.00	7,235.26	7,374.53	6,969.46	42.82	35.70	82.89	1,092.06	757.85	2,076.82	1,999.25	77.57	26.773		
8,000.00	7,235.47	7,239.73	6,889.44	44.25	35.32	80.70	1,096.83	649.57	2,092.13	2,014.27	77.87	26.868		
8,100.00	7,235.68	7,091.58	6,791.47	45.82	34.98	78.02	1,093.72	538.58	2,106.02	2,027.87	78.15	26.948		
8,200.00	7,235.90	7,041.56	6,755.81	47.52	34.86	77.05	1,091.18	503.60	2,121.64	2,042.15	79.48	26.693		
8,300.00	7,236.11	7,006.32	6,729.46	49.34	34.77	76.34	1,089.43	480.28	2,140.60	2,059.61	80.99	26.429		
8,400.00	7,236.32	6,979.00	6,708.33	51.25	34.70	75.77	1,088.12	463.00	2,163.04	2,080.46	82.58	26.193		
8,500.00	7,236.54	6,950.08	6,685.20	53.26	34.62	75.15	1,086.76	445.70	2,189.02	2,104.88	84.14	26.016		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Fagerberg 25N-7B-M - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 140-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
8,600.00	7,236.75	6,927.95	6,666.92	55.34	34.56	74.66	1,085.72	433.27	2,218.60	2,132.88	85.73	25.880		
8,700.00	7,236.96	6,885.00	6,630.10	57.50	34.44	73.68	1,083.74	411.26	2,252.07	2,165.01	87.05	25.870		
8,800.00	7,237.17	6,885.00	6,630.10	59.71	34.44	73.68	1,083.74	411.26	2,288.37	2,199.64	88.73	25.791		
8,900.00	7,237.39	6,865.11	6,612.51	61.98	34.37	73.22	1,082.69	402.05	2,328.26	2,238.12	90.14	25.830		
9,000.00	7,237.60	6,839.78	6,589.66	64.29	34.29	72.61	1,080.93	391.28	2,371.21	2,279.79	91.41	25.939		
9,100.00	7,237.81	6,818.95	6,570.52	66.65	34.22	72.11	1,079.14	383.24	2,417.15	2,324.51	92.64	26.091		
9,200.00	7,238.03	6,790.00	6,543.49	69.05	34.12	71.39	1,076.12	373.34	2,466.07	2,372.37	93.70	26.318		
9,300.00	7,238.24	6,790.00	6,543.49	71.48	34.12	71.39	1,076.12	373.34	2,517.69	2,422.73	94.95	26.515		
9,400.00	7,238.45	6,790.00	6,543.49	73.95	34.12	71.39	1,076.12	373.34	2,572.16	2,476.04	96.11	26.762		
9,500.00	7,238.67	6,790.00	6,543.49	76.44	34.12	71.39	1,076.12	373.34	2,629.30	2,532.12	97.18	27.056		
9,600.00	7,238.88	6,790.00	6,543.49	78.96	34.12	71.39	1,076.12	373.34	2,688.96	2,590.79	98.16	27.393		
9,700.00	7,239.09	6,790.00	6,543.49	81.50	34.12	71.39	1,076.12	373.34	2,750.95	2,651.89	99.06	27.770		
9,800.00	7,239.30	6,790.00	6,543.49	84.06	34.12	71.39	1,076.12	373.34	2,815.14	2,715.25	99.89	28.183		
9,900.00	7,239.52	6,790.00	6,543.49	86.64	34.12	71.39	1,076.12	373.34	2,881.36	2,780.72	100.64	28.630		
10,000.00	7,239.73	6,790.00	6,543.49	89.23	34.12	71.39	1,076.12	373.34	2,949.49	2,848.16	101.33	29.108		
10,100.00	7,239.94	6,748.45	6,503.84	91.85	33.97	70.35	1,071.84	361.71	3,017.61	2,915.94	101.67	29.681		
10,200.00	7,240.16	6,744.69	6,500.20	94.47	33.96	70.26	1,071.50	360.81	3,088.82	2,986.60	102.22	30.216		
10,300.00	7,240.37	6,741.13	6,496.76	97.11	33.95	70.17	1,071.18	359.98	3,161.56	3,058.83	102.73	30.775		
10,400.00	7,240.58	6,737.76	6,493.49	99.76	33.93	70.08	1,070.89	359.21	3,235.74	3,132.55	103.19	31.356		
10,500.00	7,240.80	6,734.56	6,490.38	102.43	33.92	70.00	1,070.62	358.50	3,311.25	3,207.64	103.61	31.957		
10,600.00	7,241.01	6,695.00	6,451.61	105.10	33.78	69.01	1,067.72	351.28	3,389.41	3,285.67	103.75	32.670		
10,700.00	7,241.22	6,695.00	6,451.61	107.79	33.78	69.01	1,067.72	351.28	3,467.13	3,363.01	104.12	33.299		
10,800.00	7,241.43	6,695.00	6,451.61	110.48	33.78	69.01	1,067.72	351.28	3,545.97	3,441.50	104.46	33.944		
10,900.00	7,241.65	6,695.00	6,451.61	113.18	33.78	69.01	1,067.72	351.28	3,625.84	3,521.07	104.78	34.605		
11,000.00	7,241.86	6,695.00	6,451.61	115.89	33.78	69.01	1,067.72	351.28	3,706.70	3,601.64	105.06	35.282		
11,100.00	7,242.07	6,695.00	6,451.61	118.60	33.78	69.01	1,067.72	351.28	3,788.47	3,683.15	105.32	35.971		
11,200.00	7,242.29	6,695.00	6,451.61	121.32	33.78	69.01	1,067.72	351.28	3,871.09	3,765.54	105.55	36.674		
11,300.00	7,242.50	6,695.00	6,451.61	124.05	33.78	69.01	1,067.72	351.28	3,954.52	3,848.75	105.77	37.388		
11,400.00	7,242.71	6,695.00	6,451.61	126.78	33.78	69.01	1,067.72	351.28	4,038.70	3,932.73	105.96	38.114		
11,500.00	7,242.93	6,695.00	6,451.61	129.52	33.78	69.01	1,067.72	351.28	4,123.58	4,017.44	106.14	38.849		
11,600.00	7,243.14	6,695.00	6,451.61	132.27	33.78	69.01	1,067.72	351.28	4,209.14	4,102.83	106.31	39.595		
11,700.00	7,243.35	6,695.00	6,451.61	135.02	33.78	69.01	1,067.72	351.28	4,295.31	4,188.86	106.45	40.349		
11,800.00	7,243.57	6,695.00	6,451.61	137.77	33.78	69.01	1,067.72	351.28	4,382.07	4,275.48	106.59	41.112		
11,900.00	7,243.78	6,695.00	6,451.61	140.53	33.78	69.01	1,067.72	351.28	4,469.39	4,362.67	106.71	41.882		
12,000.00	7,243.99	6,695.00	6,451.61	143.29	33.78	69.01	1,067.72	351.28	4,557.22	4,450.40	106.83	42.660		
12,100.00	7,244.20	6,695.00	6,451.61	146.05	33.78	69.01	1,067.72	351.28	4,645.55	4,538.62	106.93	43.445		
12,200.00	7,244.42	6,695.00	6,451.61	148.82	33.78	69.01	1,067.72	351.28	4,734.35	4,627.32	107.03	44.236		
12,300.00	7,244.63	6,695.00	6,451.61	151.60	33.78	69.01	1,067.72	351.28	4,823.58	4,716.46	107.11	45.033		
12,400.00	7,244.84	6,695.00	6,451.61	154.37	33.78	69.01	1,067.72	351.28	4,913.22	4,806.03	107.19	45.835		
12,500.00	7,245.06	6,695.00	6,451.61	157.15	33.78	69.01	1,067.72	351.28	5,003.26	4,896.00	107.27	46.643		
12,600.00	7,245.27	6,695.00	6,451.61	159.93	33.78	69.01	1,067.72	351.28	5,093.67	4,986.34	107.33	47.456		
12,700.00	7,245.48	6,695.00	6,451.61	162.71	33.78	69.01	1,067.72	351.28	5,184.44	5,077.04	107.40	48.274		
12,800.00	7,245.70	6,695.00	6,451.61	165.50	33.78	69.01	1,067.72	351.28	5,275.53	5,168.08	107.45	49.096		
12,900.00	7,245.91	6,695.00	6,451.61	168.29	33.78	69.01	1,067.72	351.28	5,366.95	5,259.44	107.51	49.922		
13,000.00	7,246.12	6,695.00	6,451.61	171.08	33.78	69.01	1,067.72	351.28	5,458.66	5,351.11	107.56	50.752		
13,100.00	7,246.33	6,695.00	6,451.61	173.87	33.78	69.01	1,067.72	351.28	5,550.66	5,443.06	107.60	51.585		
13,200.00	7,246.55	6,695.00	6,451.61	176.67	33.78	69.01	1,067.72	351.28	5,642.94	5,535.29	107.64	52.422		
13,300.00	7,246.76	6,695.00	6,451.61	179.47	33.78	69.01	1,067.72	351.28	5,735.47	5,627.78	107.68	53.262		
13,400.00	7,246.97	6,695.00	6,451.61	182.27	33.78	69.01	1,067.72	351.28	5,828.25	5,720.53	107.72	54.105		
13,500.00	7,247.19	6,695.00	6,451.61	185.07	33.78	69.01	1,067.72	351.28	5,921.26	5,813.51	107.76	54.951		
13,600.00	7,247.40	6,695.00	6,451.61	187.87	33.78	69.01	1,067.72	351.28	6,014.50	5,906.71	107.79	55.799		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 25N-7B-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 140-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,247.61	6,695.00	6,451.61	190.68	33.78	69.01	1,067.72	351.28	6,107.95	6,000.13	107.82	56.650		
13,800.00	7,247.83	6,695.00	6,451.61	193.48	33.78	69.01	1,067.72	351.28	6,201.61	6,093.76	107.85	57.503		
13,900.00	7,248.04	6,695.00	6,451.61	196.29	33.78	69.01	1,067.72	351.28	6,295.46	6,187.58	107.88	58.358		
14,000.00	7,248.25	6,695.00	6,451.61	199.10	33.78	69.01	1,067.72	351.28	6,389.50	6,281.59	107.90	59.216		
14,100.00	7,248.46	6,695.00	6,451.61	201.91	33.78	69.01	1,067.72	351.28	6,483.71	6,375.79	107.93	60.075		
14,200.00	7,248.68	6,695.00	6,451.61	204.72	33.78	69.01	1,067.72	351.28	6,578.10	6,470.15	107.95	60.936		
14,300.00	7,248.89	6,695.00	6,451.61	207.53	33.78	69.01	1,067.72	351.28	6,672.65	6,564.68	107.98	61.798		
14,400.00	7,249.10	6,695.00	6,451.61	210.35	33.78	69.01	1,067.72	351.28	6,767.36	6,659.36	108.00	62.662		
14,500.00	7,249.32	6,695.00	6,451.61	213.16	33.78	69.01	1,067.72	351.28	6,862.22	6,754.20	108.02	63.527		
14,600.00	7,249.53	6,695.00	6,451.61	215.98	33.78	69.01	1,067.72	351.28	6,957.22	6,849.18	108.04	64.394		
14,700.00	7,249.74	6,695.00	6,451.61	218.80	33.78	69.01	1,067.72	351.28	7,052.36	6,944.29	108.06	65.261		
14,800.00	7,249.96	6,695.00	6,451.61	221.62	33.78	69.01	1,067.72	351.28	7,147.63	7,039.55	108.08	66.130		
14,900.00	7,250.17	6,695.00	6,451.61	224.44	33.78	69.01	1,067.72	351.28	7,243.03	7,134.93	108.10	67.000		
15,000.00	7,250.38	6,695.00	6,451.61	227.26	33.78	69.01	1,067.72	351.28	7,338.55	7,230.43	108.13	67.871		
15,100.00	7,250.59	6,695.00	6,451.61	230.08	33.78	69.01	1,067.72	351.28	7,434.19	7,326.05	108.15	68.742		
15,200.00	7,250.81	6,695.00	6,451.61	232.90	33.78	69.01	1,067.72	351.28	7,529.95	7,421.78	108.17	69.615		
15,300.00	7,251.02	6,695.00	6,451.61	235.72	33.78	69.01	1,067.72	351.28	7,625.81	7,517.62	108.19	70.488		
15,400.00	7,251.23	6,695.00	6,451.61	238.55	33.78	69.01	1,067.72	351.28	7,721.78	7,613.57	108.21	71.361		
15,500.00	7,251.45	6,695.00	6,451.61	241.37	33.78	69.01	1,067.72	351.28	7,817.85	7,709.62	108.23	72.236		
15,600.00	7,251.66	6,695.00	6,451.61	244.20	33.78	69.01	1,067.72	351.28	7,914.01	7,805.76	108.25	73.110		
15,700.00	7,251.87	6,695.00	6,451.61	247.03	33.78	69.01	1,067.72	351.28	8,010.27	7,902.00	108.27	73.985		
15,800.00	7,252.09	6,695.00	6,451.61	249.85	33.78	69.01	1,067.72	351.28	8,106.62	7,998.33	108.29	74.860		
15,900.00	7,252.30	6,695.00	6,451.61	252.68	33.78	69.01	1,067.72	351.28	8,203.06	8,094.75	108.31	75.736		
16,000.00	7,252.51	6,695.00	6,451.61	255.51	33.78	69.01	1,067.72	351.28	8,299.58	8,191.25	108.33	76.612		
16,100.00	7,252.72	6,695.00	6,451.61	258.34	33.78	69.01	1,067.72	351.28	8,396.18	8,287.83	108.35	77.488		
16,200.00	7,252.94	6,695.00	6,451.61	261.17	33.78	69.01	1,067.72	351.28	8,492.87	8,384.49	108.38	78.364		
16,300.00	7,253.15	6,695.00	6,451.61	264.00	33.78	69.01	1,067.72	351.28	8,589.62	8,481.23	108.40	79.240		
16,400.00	7,253.36	6,695.00	6,451.61	266.83	33.78	69.01	1,067.72	351.28	8,686.46	8,578.03	108.42	80.117		
16,500.00	7,253.58	6,695.00	6,451.61	269.66	33.78	69.01	1,067.72	351.28	8,783.36	8,674.91	108.45	80.993		
16,600.00	7,253.79	6,695.00	6,451.61	272.50	33.78	69.01	1,067.72	351.28	8,880.33	8,771.86	108.47	81.869		
16,700.00	7,254.00	6,695.00	6,451.61	275.33	33.78	69.01	1,067.72	351.28	8,977.37	8,868.87	108.49	82.745		
16,800.00	7,254.22	6,695.00	6,451.61	278.16	33.78	69.01	1,067.72	351.28	9,074.47	8,965.95	108.52	83.621		
16,900.00	7,254.43	6,651.37	6,408.33	281.00	33.62	67.92	1,065.30	346.28	9,170.08	9,061.67	108.42	84.583		
17,000.00	7,254.64	6,650.84	6,407.81	283.83	33.62	67.90	1,065.27	346.24	9,267.27	9,158.83	108.44	85.460		
17,100.00	7,254.85	6,650.31	6,407.29	286.67	33.62	67.89	1,065.25	346.20	9,364.51	9,256.05	108.47	86.337		
17,200.00	7,255.07	6,649.80	6,406.78	289.50	33.61	67.88	1,065.22	346.16	9,461.82	9,353.33	108.49	87.213		
17,300.00	7,255.28	6,649.30	6,406.28	292.34	33.61	67.87	1,065.20	346.12	9,559.18	9,450.66	108.52	88.089		
17,400.00	7,255.49	6,648.81	6,405.79	295.17	33.61	67.85	1,065.18	346.08	9,656.59	9,548.04	108.54	88.965		
17,500.00	7,255.71	6,648.33	6,405.31	298.01	33.61	67.84	1,065.15	346.04	9,754.05	9,645.48	108.57	89.840		
17,600.00	7,255.92	6,647.86	6,404.84	300.85	33.61	67.83	1,065.13	346.00	9,851.57	9,742.97	108.60	90.715		
17,700.00	7,256.13	6,647.39	6,404.38	303.68	33.60	67.82	1,065.11	345.97	9,949.13	9,840.50	108.63	91.589		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 25N-7C-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 437-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	138.48	-572.68	506.98	764.93					
100.00	100.00	96.62	96.62	3.28	3.29	138.47	-572.23	506.77	764.41	757.83	6.57	116.311		
200.00	200.00	205.16	205.14	3.34	3.31	138.43	-570.64	506.02	762.85	756.20	6.65	114.719		
300.00	300.00	313.64	313.58	3.44	3.35	138.37	-567.90	504.73	760.18	753.37	6.80	111.779		
400.00	399.98	421.94	421.79	3.60	3.41	13.34	-564.04	502.90	754.69	747.67	7.02	107.566		
500.00	499.84	542.83	542.45	3.79	3.59	13.29	-557.08	500.38	743.95	736.55	7.40	100.519		
600.00	599.45	657.42	656.49	4.03	3.82	13.08	-546.08	498.50	727.28	719.39	7.89	92.204		
700.00	698.70	774.70	772.69	4.30	4.12	12.63	-530.30	497.45	704.97	696.50	8.47	83.212		
800.00	797.47	894.86	890.92	4.61	4.48	11.91	-508.92	496.29	676.25	667.11	9.14	73.965		
900.00	895.62	1,017.37	1,010.31	4.95	4.89	10.88	-481.59	493.94	640.61	630.72	9.88	64.818		
1,000.00	993.06	1,114.29	1,104.18	5.33	5.24	9.97	-457.73	490.57	599.38	588.84	10.55	56.840		
1,100.00	1,090.08	1,204.90	1,191.97	5.74	5.60	8.90	-435.63	486.74	556.43	545.23	11.20	49.664		
1,200.00	1,187.11	1,308.76	1,292.33	6.17	6.03	7.53	-409.61	480.77	512.24	500.31	11.93	42.934		
1,300.00	1,284.14	1,405.79	1,385.28	6.61	6.46	5.77	-382.57	474.14	465.76	453.11	12.65	36.813		
1,400.00	1,381.17	1,493.61	1,468.96	7.07	6.86	3.51	-356.37	469.24	419.36	405.98	13.38	31.349		
1,500.00	1,478.20	1,580.71	1,551.65	7.55	7.27	0.60	-329.44	464.39	373.01	358.88	14.13	26.389		
1,600.00	1,575.23	1,658.23	1,625.59	8.03	7.64	-2.60	-306.39	461.21	329.34	314.41	14.93	22.055		
1,700.00	1,672.26	1,744.00	1,707.88	8.52	8.05	-6.89	-282.33	458.75	288.85	273.08	15.78	18.310		
1,800.00	1,769.29	1,833.53	1,794.24	9.01	8.47	-12.19	-258.97	455.39	250.44	233.78	16.66	15.029		
1,900.00	1,866.32	1,924.03	1,881.74	9.51	8.90	-18.97	-236.25	451.23	214.22	196.61	17.61	12.165		
2,000.00	1,963.35	2,013.85	1,968.32	10.02	9.34	-28.29	-212.76	446.94	181.53	162.86	18.67	9.725		
2,100.00	2,060.38	2,102.47	2,053.39	10.53	9.77	-40.95	-188.26	442.69	155.60	135.73	19.87	7.831		
2,200.00	2,157.41	2,189.28	2,136.64	11.04	10.21	-56.34	-163.99	438.85	141.35	120.26	21.09	6.703		
2,240.61	2,196.81	2,224.47	2,170.43	11.25	10.38	-62.98	-154.20	437.63	139.98	118.46	21.52	6.504 CC, ES		
2,300.00	2,254.44	2,275.03	2,218.78	11.56	10.64	-72.65	-139.51	436.01	143.05	121.02	22.03	6.492 SF		
2,400.00	2,351.47	2,363.94	2,303.43	12.07	11.10	-88.31	-112.49	433.11	160.67	137.96	22.71	7.076		
2,500.00	2,448.50	2,452.66	2,388.30	12.59	11.55	-100.62	-86.86	429.71	187.86	164.59	23.27	8.073		
2,600.00	2,545.53	2,543.55	2,475.31	13.12	12.01	-109.94	-60.77	426.81	221.88	197.97	23.91	9.279		
2,700.00	2,642.56	2,632.99	2,561.35	13.64	12.47	-116.76	-36.55	423.76	258.46	233.88	24.58	10.516		
2,800.00	2,739.59	2,718.50	2,643.44	14.17	12.90	-121.44	-12.63	422.33	298.39	273.17	25.22	11.832		
2,900.00	2,836.62	2,802.40	2,723.70	14.69	13.33	-125.07	11.77	420.62	340.83	314.96	25.87	13.176		
3,000.00	2,933.65	2,885.67	2,802.94	15.22	13.77	-127.81	37.33	419.51	385.67	359.13	26.54	14.529		
3,100.00	3,030.68	2,974.75	2,887.62	15.75	14.24	-130.17	64.94	418.12	431.48	404.11	27.37	15.764		
3,200.00	3,127.71	3,071.65	2,980.04	16.28	14.74	-132.32	93.98	416.19	476.91	448.56	28.35	16.820		
3,300.00	3,224.74	3,170.60	3,075.26	16.82	15.25	-134.17	120.83	414.21	520.07	490.72	29.36	17.717		
3,400.00	3,321.76	3,248.99	3,150.52	17.35	15.65	-135.40	142.66	412.66	564.24	534.24	30.01	18.805		
3,500.00	3,418.79	3,330.21	3,228.14	17.88	16.08	-136.51	166.51	410.79	610.07	579.35	30.72	19.860		
3,600.00	3,515.82	3,444.50	3,338.04	18.42	16.67	-137.91	197.71	407.92	654.19	622.22	31.98	20.459		
3,700.00	3,612.85	3,528.28	3,418.96	18.95	17.10	-138.94	219.17	404.64	697.48	664.75	32.73	21.309		
3,800.00	3,709.88	3,599.76	3,487.68	19.49	17.46	-139.78	238.45	400.82	742.54	709.24	33.30	22.297		
3,900.00	3,806.91	3,694.90	3,578.94	20.02	17.96	-140.80	264.79	395.38	788.51	754.26	34.25	23.022		
4,000.00	3,903.94	3,797.61	3,677.84	20.56	18.49	-141.72	292.08	390.42	833.39	798.08	35.31	23.605		
4,100.00	4,000.97	3,870.96	3,748.39	21.09	18.87	-142.27	311.91	387.42	878.54	842.61	35.93	24.449		
4,200.00	4,098.00	3,930.64	3,805.40	21.63	19.19	-142.64	329.38	385.15	925.70	889.35	36.35	25.463		
4,300.00	4,195.03	3,987.11	3,858.71	22.17	19.50	-142.91	347.89	383.05	975.82	939.10	36.71	26.578		
4,400.00	4,292.06	4,049.01	3,916.57	22.71	19.85	-143.17	369.72	380.50	1,028.23	991.07	37.17	27.664		
4,500.00	4,389.09	4,130.36	3,992.15	23.25	20.32	-143.48	399.56	376.66	1,082.06	1,044.09	37.97	28.499		
4,600.00	4,486.12	4,230.65	4,085.72	23.78	20.89	-143.89	435.24	371.21	1,135.23	1,096.15	39.09	29.044		
4,700.00	4,583.15	4,430.12	4,275.71	24.32	21.97	-144.77	494.87	361.38	1,183.35	1,141.77	41.58	28.461		
4,800.00	4,680.18	4,518.51	4,361.20	24.86	22.42	-145.18	516.99	357.42	1,227.29	1,184.86	42.43	28.925		
4,900.00	4,777.21	4,604.16	4,443.91	25.40	22.86	-145.53	538.94	353.84	1,271.69	1,228.44	43.25	29.402		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 25N-7C-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 437-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,874.24	4,685.38	4,522.23	25.94	23.28	-145.81	560.24	350.88	1,316.45	1,272.43	44.02	29.904		
5,100.00	4,971.27	4,795.89	4,628.69	26.48	23.85	-146.11	589.75	347.95	1,361.39	1,316.23	45.16	30.146		
5,200.00	5,068.30	4,881.23	4,711.28	27.02	24.29	-146.39	610.98	345.02	1,404.99	1,359.01	45.98	30.556		
5,300.00	5,165.33	4,960.32	4,787.66	27.56	24.69	-146.61	631.37	342.22	1,449.40	1,402.67	46.73	31.017		
5,400.00	5,262.36	5,046.53	4,870.80	28.10	25.14	-146.86	653.91	338.85	1,494.28	1,446.71	47.56	31.416		
5,500.00	5,359.39	5,128.42	4,949.78	28.64	25.57	-147.08	675.26	335.42	1,539.24	1,490.89	48.35	31.836		
5,600.00	5,456.42	5,206.15	5,024.47	29.18	25.97	-147.25	696.62	332.69	1,585.12	1,536.03	49.09	32.292		
5,700.00	5,553.45	5,532.38	5,343.56	29.72	27.53	-148.08	761.97	326.40	1,623.28	1,570.98	52.30	31.038		
5,800.00	5,650.47	5,745.00	5,555.23	30.27	28.40	-148.81	781.36	325.02	1,652.29	1,598.42	53.87	30.671		
5,900.00	5,747.50	5,843.64	5,653.72	30.81	28.78	-149.16	786.87	325.18	1,678.08	1,623.34	54.74	30.657		
6,000.00	5,844.53	5,914.45	5,724.41	31.35	29.06	-149.43	791.00	324.49	1,704.60	1,649.14	55.46	30.734		
6,100.00	5,941.56	6,036.44	5,846.16	31.89	29.53	-149.90	798.17	322.53	1,731.59	1,675.14	56.45	30.674		
6,200.00	6,038.59	6,167.89	5,977.50	32.43	30.04	-150.37	803.43	322.29	1,756.26	1,698.80	57.46	30.563		
6,300.00	6,135.62	6,292.20	6,101.78	32.97	30.50	-150.83	806.29	321.88	1,779.70	1,721.27	58.42	30.462		
6,400.00	6,232.65	6,405.60	6,215.18	33.51	30.91	-151.27	806.94	321.29	1,801.74	1,742.41	59.32	30.371		
6,500.00	6,329.68	6,503.32	6,312.89	34.06	31.26	-151.64	807.19	321.01	1,823.49	1,763.32	60.17	30.307		
6,600.00	6,426.71	7,867.00	7,139.87	34.60	38.56	-129.77	820.63	1,155.20	1,798.88	1,734.85	64.03	28.096		
6,655.36	6,480.43	7,868.71	7,139.88	34.90	38.58	-129.71	820.66	1,156.91	1,785.23	1,720.03	65.19	27.383		
6,700.00	6,524.01	7,876.18	7,139.93	35.13	38.70	-140.75	820.79	1,164.38	1,775.30	1,709.09	66.20	26.815		
6,750.00	6,573.29	7,880.82	7,139.96	35.36	38.77	-162.19	820.87	1,169.02	1,765.26	1,698.03	67.23	26.256		
6,800.00	6,622.76	7,881.54	7,139.96	35.56	38.78	168.29	820.89	1,169.74	1,756.50	1,688.35	68.15	25.775		
6,850.00	6,672.13	7,878.37	7,139.94	35.73	38.73	143.46	820.83	1,166.57	1,749.08	1,680.13	68.94	25.370		
6,900.00	6,721.08	7,871.38	7,139.90	35.88	38.62	128.31	820.71	1,159.58	1,743.04	1,673.41	69.63	25.034		
6,950.00	6,769.31	7,867.00	7,139.87	36.03	38.56	119.49	820.63	1,155.20	1,738.41	1,668.10	70.31	24.725		
7,000.00	6,816.53	7,852.15	7,139.79	36.18	38.35	113.63	820.39	1,140.35	1,735.15	1,664.36	70.79	24.512		
7,050.00	6,862.44	7,839.17	7,139.74	36.34	38.17	109.60	820.23	1,127.37	1,733.25	1,662.00	71.25	24.325		
7,099.95	6,906.73	7,823.62	7,139.70	36.50	37.96	106.52	820.08	1,111.82	1,732.64	1,661.00	71.64	24.186		
7,100.00	6,906.77	7,823.60	7,139.70	36.50	37.96	106.52	820.08	1,111.80	1,732.64	1,661.00	71.64	24.186		
7,150.00	6,949.23	7,805.52	7,139.69	36.68	37.71	103.99	819.98	1,093.72	1,733.22	1,661.27	71.95	24.090		
7,200.00	6,989.58	7,785.02	7,139.72	36.87	37.44	101.80	819.95	1,073.23	1,734.88	1,662.69	72.19	24.032		
7,250.00	7,027.55	7,748.95	7,139.76	37.09	36.98	99.50	820.02	1,037.15	1,737.44	1,665.26	72.18	24.070		
7,300.00	7,062.91	7,708.00	7,139.24	37.32	36.50	97.35	819.86	996.21	1,740.38	1,668.26	72.12	24.133		
7,350.00	7,095.45	7,681.44	7,138.17	37.59	36.21	95.71	819.87	969.68	1,743.87	1,671.58	72.29	24.123		
7,400.00	7,124.97	7,654.33	7,136.35	37.88	35.92	94.18	820.06	942.63	1,747.89	1,675.43	72.46	24.121		
7,450.00	7,151.28	7,627.74	7,133.84	38.21	35.64	92.79	820.42	916.16	1,752.34	1,679.68	72.66	24.118		
7,500.00	7,174.22	7,564.43	7,123.94	38.58	35.09	90.79	821.09	853.66	1,756.71	1,684.28	72.43	24.255		
7,550.00	7,193.65	7,531.00	7,116.20	38.98	34.83	89.48	821.07	821.14	1,760.67	1,688.06	72.61	24.248		
7,600.00	7,209.45	7,500.66	7,107.66	39.43	34.63	88.32	821.13	792.03	1,764.70	1,691.79	72.91	24.203		
7,650.00	7,221.52	7,479.42	7,100.80	39.91	34.51	87.40	821.42	771.93	1,768.99	1,695.64	73.35	24.117		
7,700.00	7,229.79	7,458.09	7,093.21	40.42	34.40	86.55	821.92	752.01	1,773.43	1,699.62	73.81	24.027		
7,750.00	7,234.21	7,436.10	7,084.65	40.97	34.30	85.77	822.64	731.77	1,777.95	1,703.66	74.29	23.934		
7,780.56	7,235.00	7,396.96	7,067.74	41.32	34.14	84.96	823.83	696.49	1,780.51	1,706.18	74.33	23.953		
7,800.00	7,235.04	7,372.91	7,056.37	41.54	34.06	84.59	824.31	675.31	1,782.00	1,707.63	74.37	23.960		
7,900.00	7,235.26	7,249.00	6,985.23	42.82	33.71	82.31	823.21	574.17	1,789.46	1,714.75	74.72	23.950		
8,000.00	7,235.47	7,204.19	6,954.62	44.25	33.59	81.33	821.72	541.49	1,798.83	1,722.82	76.01	23.665		
8,100.00	7,235.68	7,154.00	6,918.13	45.82	33.45	80.17	820.38	507.07	1,812.06	1,734.76	77.30	23.441		
8,200.00	7,235.90	7,120.01	6,892.12	47.52	33.36	79.35	819.51	485.21	1,829.08	1,750.27	78.80	23.211		
8,300.00	7,236.11	7,079.34	6,859.65	49.34	33.24	78.32	818.24	460.78	1,849.92	1,769.69	80.23	23.058		
8,400.00	7,236.32	7,041.67	6,828.36	51.25	33.13	77.34	816.84	439.85	1,874.69	1,793.03	81.66	22.959		
8,500.00	7,236.54	7,005.85	6,797.79	53.26	33.02	76.39	815.28	421.24	1,903.34	1,820.29	83.05	22.917		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Fagerberg 25N-7C-M - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 437-MWD+IFR1															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)					
8,600.00	7,236.75	6,966.00	6,762.94	55.34	32.89	75.30	813.29	402.03	1,935.90	1,851.56	84.34	22.953					
8,700.00	7,236.96	6,966.00	6,762.94	57.50	32.89	75.30	813.29	402.03	1,972.39	1,886.45	85.95	22.949					
8,800.00	7,237.17	6,966.00	6,762.94	59.71	32.89	75.30	813.29	402.03	2,013.20	1,925.76	87.44	23.023					
8,900.00	7,237.39	6,925.90	6,726.89	61.98	32.76	74.19	811.37	384.58	2,056.84	1,968.36	88.48	23.246					
9,000.00	7,237.60	6,913.43	6,715.47	64.29	32.72	73.85	810.87	379.60	2,104.57	2,014.91	89.67	23.471					
9,100.00	7,237.81	6,872.00	6,676.86	66.65	32.58	72.68	809.52	364.65	2,156.39	2,065.90	90.49	23.831					
9,200.00	7,238.03	6,872.00	6,676.86	69.05	32.58	72.68	809.52	364.65	2,210.25	2,118.65	91.59	24.131					
9,300.00	7,238.24	6,872.00	6,676.86	71.48	32.58	72.68	809.52	364.65	2,267.24	2,174.65	92.59	24.487					
9,400.00	7,238.45	6,872.00	6,676.86	73.95	32.58	72.68	809.52	364.65	2,327.13	2,233.65	93.49	24.892					
9,500.00	7,238.67	6,872.00	6,676.86	76.44	32.58	72.68	809.52	364.65	2,389.71	2,295.42	94.29	25.343					
9,600.00	7,238.88	6,872.00	6,676.86	78.96	32.58	72.68	809.52	364.65	2,454.77	2,359.76	95.01	25.836					
9,700.00	7,239.09	6,872.00	6,676.86	81.50	32.58	72.68	809.52	364.65	2,522.12	2,426.47	95.66	26.366					
9,800.00	7,239.30	6,872.00	6,676.86	84.06	32.58	72.68	809.52	364.65	2,591.58	2,495.35	96.23	26.931					
9,900.00	7,239.52	6,834.69	6,641.37	86.64	32.45	71.62	808.77	353.18	2,661.85	2,565.31	96.53	27.574					
10,000.00	7,239.73	6,828.41	6,635.35	89.23	32.43	71.44	808.69	351.43	2,734.62	2,637.66	96.96	28.202					
10,100.00	7,239.94	6,822.50	6,629.65	91.85	32.41	71.28	808.62	349.83	2,809.01	2,711.66	97.35	28.856					
10,200.00	7,240.16	6,816.91	6,624.26	94.47	32.39	71.12	808.58	348.36	2,884.90	2,787.21	97.69	29.532					
10,300.00	7,240.37	6,777.00	6,585.45	97.11	32.25	69.99	808.54	339.07	2,963.16	2,865.35	97.81	30.295					
10,400.00	7,240.58	6,777.00	6,585.45	99.76	32.25	69.99	808.54	339.07	3,041.45	2,943.34	98.11	31.000					
10,500.00	7,240.80	6,777.00	6,585.45	102.43	32.25	69.99	808.54	339.07	3,120.98	3,022.60	98.38	31.723					
10,600.00	7,241.01	6,777.00	6,585.45	105.10	32.25	69.99	808.54	339.07	3,201.66	3,103.04	98.62	32.465					
10,700.00	7,241.22	6,777.00	6,585.45	107.79	32.25	69.99	808.54	339.07	3,283.40	3,184.57	98.83	33.224					
10,800.00	7,241.43	6,777.00	6,585.45	110.48	32.25	69.99	808.54	339.07	3,366.13	3,267.12	99.01	33.997					
10,900.00	7,241.65	6,777.00	6,585.45	113.18	32.25	69.99	808.54	339.07	3,449.77	3,350.60	99.17	34.785					
11,000.00	7,241.86	6,777.00	6,585.45	115.89	32.25	69.99	808.54	339.07	3,534.27	3,434.95	99.32	35.585					
11,100.00	7,242.07	6,777.00	6,585.45	118.60	32.25	69.99	808.54	339.07	3,619.55	3,520.11	99.44	36.398					
11,200.00	7,242.29	6,777.00	6,585.45	121.32	32.25	69.99	808.54	339.07	3,705.57	3,606.02	99.55	37.221					
11,300.00	7,242.50	6,777.00	6,585.45	124.05	32.25	69.99	808.54	339.07	3,792.28	3,692.62	99.65	38.055					
11,400.00	7,242.71	6,777.00	6,585.45	126.78	32.25	69.99	808.54	339.07	3,879.62	3,779.88	99.74	38.898					
11,500.00	7,242.93	6,777.00	6,585.45	129.52	32.25	69.99	808.54	339.07	3,967.56	3,867.75	99.81	39.751					
11,600.00	7,243.14	6,777.00	6,585.45	132.27	32.25	69.99	808.54	339.07	4,056.07	3,956.19	99.88	40.611					
11,700.00	7,243.35	6,777.00	6,585.45	135.02	32.25	69.99	808.54	339.07	4,145.09	4,045.16	99.93	41.479					
11,800.00	7,243.57	6,777.00	6,585.45	137.77	32.25	69.99	808.54	339.07	4,234.61	4,134.62	99.98	42.354					
11,900.00	7,243.78	6,777.00	6,585.45	140.53	32.25	69.99	808.54	339.07	4,324.58	4,224.56	100.03	43.235					
12,000.00	7,243.99	6,777.00	6,585.45	143.29	32.25	69.99	808.54	339.07	4,414.99	4,314.92	100.06	44.122					
12,100.00	7,244.20	6,777.00	6,585.45	146.05	32.25	69.99	808.54	339.07	4,505.80	4,405.70	100.09	45.016					
12,200.00	7,244.42	6,777.00	6,585.45	148.82	32.25	69.99	808.54	339.07	4,596.99	4,496.87	100.12	45.914					
12,300.00	7,244.63	6,777.00	6,585.45	151.60	32.25	69.99	808.54	339.07	4,688.54	4,588.40	100.15	46.817					
12,400.00	7,244.84	6,777.00	6,585.45	154.37	32.25	69.99	808.54	339.07	4,780.43	4,680.27	100.17	47.725					
12,500.00	7,245.06	6,777.00	6,585.45	157.15	32.25	69.99	808.54	339.07	4,872.64	4,772.46	100.18	48.637					
12,600.00	7,245.27	6,735.70	6,544.81	159.93	32.11	68.83	808.67	331.73	4,963.90	4,863.79	100.11	49.583					
12,700.00	7,245.48	6,733.72	6,542.85	162.71	32.10	68.77	808.67	331.44	5,056.58	4,956.45	100.12	50.503					
12,800.00	7,245.70	6,731.81	6,540.97	165.50	32.09	68.72	808.67	331.17	5,149.52	5,049.38	100.13	51.427					
12,900.00	7,245.91	6,729.98	6,539.15	168.29	32.09	68.67	808.67	330.91	5,242.71	5,142.57	100.14	52.353					
13,000.00	7,246.12	6,728.21	6,537.40	171.08	32.08	68.62	808.67	330.66	5,336.15	5,236.00	100.15	53.283					
13,100.00	7,246.33	6,726.50	6,535.71	173.87	32.07	68.57	808.66	330.43	5,429.82	5,329.67	100.15	54.215					
13,200.00	7,246.55	6,724.85	6,534.07	176.67	32.07	68.53	808.66	330.20	5,523.70	5,423.55	100.16	55.150					
13,300.00	7,246.76	6,723.26	6,532.50	179.47	32.06	68.48	808.66	329.99	5,617.80	5,517.64	100.16	56.087					
13,400.00	7,246.97	6,682.00	6,491.46	182.27	31.92	67.33	808.46	325.76	5,713.25	5,613.18	100.07	57.093					
13,500.00	7,247.19	6,682.00	6,491.46	185.07	31.92	67.33	808.46	325.76	5,807.64	5,707.56	100.08	58.032					
13,600.00	7,247.40	6,682.00	6,491.46	187.87	31.92	67.33	808.46	325.76	5,902.22	5,802.13	100.09	58.972					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 437-MWD+IFR1													Offset Well Error:	3.28 ft
Falken 9-11 PAD - Fagerberg 25N-7C-M - OH - OH														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,247.61	6,682.00	6,491.46	190.68	31.92	67.33	808.46	325.76	5,996.97	5,896.88	100.09	59.914		
13,800.00	7,247.83	6,682.00	6,491.46	193.48	31.92	67.33	808.46	325.76	6,091.89	5,991.79	100.10	60.858		
13,900.00	7,248.04	6,682.00	6,491.46	196.29	31.92	67.33	808.46	325.76	6,186.97	6,086.86	100.11	61.803		
14,000.00	7,248.25	6,682.00	6,491.46	199.10	31.92	67.33	808.46	325.76	6,282.20	6,182.09	100.12	62.749		
14,100.00	7,248.46	6,682.00	6,491.46	201.91	31.92	67.33	808.46	325.76	6,377.58	6,277.46	100.12	63.697		
14,200.00	7,248.68	6,682.00	6,491.46	204.72	31.92	67.33	808.46	325.76	6,473.10	6,372.97	100.13	64.646		
14,300.00	7,248.89	6,682.00	6,491.46	207.53	31.92	67.33	808.46	325.76	6,568.76	6,468.62	100.14	65.597		
14,400.00	7,249.10	6,682.00	6,491.46	210.35	31.92	67.33	808.46	325.76	6,664.54	6,564.39	100.15	66.548		
14,500.00	7,249.32	6,682.00	6,491.46	213.16	31.92	67.33	808.46	325.76	6,760.44	6,660.28	100.16	67.500		
14,600.00	7,249.53	6,682.00	6,491.46	215.98	31.92	67.33	808.46	325.76	6,856.46	6,756.29	100.16	68.452		
14,700.00	7,249.74	6,682.00	6,491.46	218.80	31.92	67.33	808.46	325.76	6,952.59	6,852.42	100.17	69.406		
14,800.00	7,249.96	6,682.00	6,491.46	221.62	31.92	67.33	808.46	325.76	7,048.83	6,948.65	100.18	70.360		
14,900.00	7,250.17	6,682.00	6,491.46	224.44	31.92	67.33	808.46	325.76	7,145.17	7,044.98	100.19	71.314		
15,000.00	7,250.38	6,682.00	6,491.46	227.26	31.92	67.33	808.46	325.76	7,241.61	7,141.41	100.20	72.269		
15,100.00	7,250.59	6,682.00	6,491.46	230.08	31.92	67.33	808.46	325.76	7,338.15	7,237.93	100.21	73.224		
15,200.00	7,250.81	6,682.00	6,491.46	232.90	31.92	67.33	808.46	325.76	7,434.78	7,334.55	100.23	74.180		
15,300.00	7,251.02	6,682.00	6,491.46	235.72	31.92	67.33	808.46	325.76	7,531.49	7,431.26	100.24	75.135		
15,400.00	7,251.23	6,682.00	6,491.46	238.55	31.92	67.33	808.46	325.76	7,628.30	7,528.04	100.25	76.091		
15,500.00	7,251.45	6,682.00	6,491.46	241.37	31.92	67.33	808.46	325.76	7,725.18	7,624.91	100.27	77.047		
15,600.00	7,251.66	6,682.00	6,491.46	244.20	31.92	67.33	808.46	325.76	7,822.14	7,721.86	100.28	78.003		
15,700.00	7,251.87	6,682.00	6,491.46	247.03	31.92	67.33	808.46	325.76	7,919.18	7,818.88	100.30	78.958		
15,800.00	7,252.09	6,682.00	6,491.46	249.85	31.92	67.33	808.46	325.76	8,016.29	7,915.97	100.31	79.914		
15,900.00	7,252.30	6,682.00	6,491.46	252.68	31.92	67.33	808.46	325.76	8,113.47	8,013.14	100.33	80.870		
16,000.00	7,252.51	6,682.00	6,491.46	255.51	31.92	67.33	808.46	325.76	8,210.71	8,110.37	100.35	81.825		
16,100.00	7,252.72	6,682.00	6,491.46	258.34	31.92	67.33	808.46	325.76	8,308.03	8,207.66	100.36	82.780		
16,200.00	7,252.94	6,682.00	6,491.46	261.17	31.92	67.33	808.46	325.76	8,405.40	8,305.02	100.38	83.734		
16,300.00	7,253.15	6,682.00	6,491.46	264.00	31.92	67.33	808.46	325.76	8,502.84	8,402.44	100.40	84.688		
16,400.00	7,253.36	6,682.00	6,491.46	266.83	31.92	67.33	808.46	325.76	8,600.33	8,499.91	100.42	85.642		
16,500.00	7,253.58	6,682.00	6,491.46	269.66	31.92	67.33	808.46	325.76	8,697.89	8,597.44	100.44	86.595		
16,600.00	7,253.79	6,682.00	6,491.46	272.50	31.92	67.33	808.46	325.76	8,795.49	8,695.03	100.46	87.548		
16,700.00	7,254.00	6,682.00	6,491.46	275.33	31.92	67.33	808.46	325.76	8,893.15	8,792.67	100.49	88.500		
16,800.00	7,254.22	6,682.00	6,491.46	278.16	31.92	67.33	808.46	325.76	8,990.87	8,890.36	100.51	89.452		
16,900.00	7,254.43	6,682.00	6,491.46	281.00	31.92	67.33	808.46	325.76	9,088.63	8,988.09	100.53	90.403		
17,000.00	7,254.64	6,682.00	6,491.46	283.83	31.92	67.33	808.46	325.76	9,186.44	9,085.88	100.56	91.353		
17,100.00	7,254.85	6,682.00	6,491.46	286.67	31.92	67.33	808.46	325.76	9,284.30	9,183.71	100.59	92.303		
17,200.00	7,255.07	6,682.00	6,491.46	289.50	31.92	67.33	808.46	325.76	9,382.20	9,281.59	100.61	93.251		
17,300.00	7,255.28	6,682.00	6,491.46	292.34	31.92	67.33	808.46	325.76	9,480.14	9,379.50	100.64	94.199		
17,400.00	7,255.49	6,682.00	6,491.46	295.17	31.92	67.33	808.46	325.76	9,578.13	9,477.46	100.67	95.147		
17,500.00	7,255.71	6,682.00	6,491.46	298.01	31.92	67.33	808.46	325.76	9,676.16	9,575.46	100.70	96.093		
17,600.00	7,255.92	6,682.00	6,491.46	300.85	31.92	67.33	808.46	325.76	9,774.23	9,673.50	100.73	97.038		
17,700.00	7,256.13	6,682.00	6,491.46	303.68	31.92	67.33	808.46	325.76	9,872.34	9,771.58	100.76	97.983		
17,800.00	7,256.35	6,682.00	6,491.46	306.52	31.92	67.33	808.46	325.76	9,970.48	9,869.70	100.79	98.926		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 28N-18B-M - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 166-MWD+IFR1															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
0.00	0.00	0.00	0.00	3.28	3.28	144.64	-712.94	505.88	874.25						
100.00	100.00	89.50	89.50	3.28	3.29	144.66	-713.06	505.66	874.15	867.58	6.57	133.040			
200.00	200.00	190.35	190.35	3.34	3.31	144.72	-713.49	504.89	874.06	867.41	6.65	131.422			
277.49	277.49	269.24	269.23	3.42	3.38	144.77	-713.82	504.10	873.88	867.08	6.80	128.577			
300.00	300.00	282.15	282.14	3.44	3.39	144.78	-713.99	504.02	873.99	867.15	6.84	127.778			
400.00	399.98	353.00	352.96	3.60	3.49	19.88	-716.05	504.09	874.79	867.69	7.10	123.258			
500.00	499.84	433.51	433.31	3.79	3.62	20.13	-720.91	504.46	875.09	867.65	7.44	117.652			
600.00	599.45	509.47	508.96	4.03	3.78	20.52	-727.73	504.82	874.60	866.75	7.85	111.455			
700.00	698.70	589.73	588.69	4.30	3.97	21.02	-736.89	506.10	873.52	865.20	8.32	104.963			
800.00	797.47	670.65	668.84	4.61	4.19	21.67	-747.90	507.50	871.27	862.42	8.85	98.419			
900.00	895.62	747.90	745.01	4.95	4.42	22.45	-760.68	508.62	868.30	858.88	9.43	92.126			
1,000.00	993.06	823.07	818.65	5.33	4.67	23.41	-775.76	509.10	865.00	854.96	10.03	86.199			
1,100.00	1,090.08	906.18	899.50	5.74	4.98	24.63	-794.99	508.68	862.68	851.98	10.70	80.639			
1,146.40	1,135.11	943.23	935.36	5.93	5.12	25.22	-804.31	508.11	862.39	851.38	11.01	78.306 CC, ES			
1,200.00	1,187.11	985.33	975.90	6.17	5.29	25.93	-815.58	507.05	862.79	851.41	11.38	75.798			
1,300.00	1,284.14	1,070.83	1,057.77	6.61	5.65	27.47	-840.06	504.17	865.42	853.31	12.11	71.439			
1,400.00	1,381.17	1,161.29	1,144.16	7.07	6.05	29.10	-866.73	501.25	869.75	856.86	12.89	67.486			
1,500.00	1,478.20	1,256.22	1,234.65	7.55	6.50	30.83	-895.25	497.93	875.34	861.64	13.70	63.883			
1,600.00	1,575.23	1,347.27	1,321.47	8.03	6.94	32.43	-922.53	495.19	881.91	867.39	14.52	60.739			
1,700.00	1,672.26	1,441.24	1,410.72	8.52	7.40	34.14	-951.67	491.48	889.99	874.62	15.37	57.908			
1,800.00	1,769.29	1,539.10	1,503.40	9.01	7.90	36.03	-982.47	485.25	898.76	882.50	16.26	55.286			
1,900.00	1,866.32	1,639.38	1,598.35	9.51	8.43	37.99	-1,013.91	477.94	908.21	891.04	17.17	52.886			
2,000.00	1,963.35	1,737.32	1,691.39	10.02	8.94	39.81	-1,043.82	471.49	918.00	899.91	18.09	50.752			
2,100.00	2,060.38	1,848.71	1,797.44	10.53	9.53	41.78	-1,077.25	464.95	928.40	909.31	19.09	48.625			
2,200.00	2,157.41	1,958.41	1,902.71	11.04	10.10	43.59	-1,107.56	459.36	937.30	917.21	20.09	46.647			
2,300.00	2,254.44	2,063.84	2,004.24	11.56	10.65	45.26	-1,135.58	454.61	946.01	924.94	21.07	44.889			
2,400.00	2,351.47	2,170.91	2,107.69	12.07	11.20	46.90	-1,162.79	449.86	954.26	932.19	22.07	43.238			
2,500.00	2,448.50	2,262.40	2,196.15	12.59	11.67	48.29	-1,185.75	445.72	962.87	939.89	22.98	41.901			
2,600.00	2,545.53	2,359.59	2,270.54	13.12	12.08	49.42	-1,206.14	442.66	973.46	949.66	23.80	40.901			
2,700.00	2,642.56	2,458.82	2,385.60	13.64	12.70	51.09	-1,237.08	438.55	984.14	959.24	24.90	39.521			
2,800.00	2,739.59	2,547.19	2,471.01	14.17	13.16	52.28	-1,259.61	435.79	994.99	969.19	25.80	38.561			
2,900.00	2,836.62	2,634.22	2,554.94	14.69	13.62	53.39	-1,282.51	434.02	1,007.19	980.49	26.70	37.726			
3,000.00	2,933.65	2,713.00	2,630.63	15.22	14.05	54.37	-1,304.33	432.32	1,021.22	993.69	27.53	37.093			
3,100.00	3,030.68	2,829.00	2,742.04	15.75	14.67	55.82	-1,336.44	428.87	1,035.76	1,007.11	28.65	36.147			
3,200.00	3,127.71	2,902.81	2,812.83	16.28	15.07	56.77	-1,357.11	425.91	1,051.07	1,021.62	29.45	35.685			
3,300.00	3,224.74	2,990.58	2,896.73	16.82	15.56	57.88	-1,382.59	421.91	1,068.03	1,037.67	30.37	35.172			
3,400.00	3,321.76	3,111.30	3,012.42	17.35	16.22	59.35	-1,416.64	416.76	1,084.60	1,053.04	31.56	34.372			
3,500.00	3,418.79	3,194.26	3,092.04	17.88	16.67	60.34	-1,439.70	413.24	1,101.22	1,068.79	32.43	33.954			
3,600.00	3,515.82	3,291.81	3,185.48	18.42	17.21	61.47	-1,467.39	408.91	1,118.89	1,085.46	33.44	33.464			
3,700.00	3,612.85	3,411.02	3,300.30	18.95	17.85	62.76	-1,499.12	404.76	1,134.89	1,100.27	34.62	32.782			
3,800.00	3,709.88	3,493.80	3,379.87	19.49	18.30	63.65	-1,521.74	401.53	1,152.15	1,116.65	35.50	32.454			
3,900.00	3,806.91	3,607.29	3,489.24	20.02	18.91	64.80	-1,551.79	397.81	1,168.81	1,132.16	36.64	31.898			
4,000.00	3,903.94	3,695.73	3,574.46	20.56	19.39	65.63	-1,575.37	395.88	1,185.81	1,148.24	37.57	31.559			
4,100.00	4,000.97	3,778.63	3,654.12	21.09	19.85	66.38	-1,598.22	394.00	1,204.01	1,165.54	38.46	31.305			
4,200.00	4,098.00	3,858.69	3,730.75	21.63	20.29	67.08	-1,621.36	392.15	1,223.78	1,184.46	39.32	31.125			
4,300.00	4,195.03	3,948.84	3,816.77	22.17	20.80	67.82	-1,648.26	390.25	1,244.65	1,204.38	40.27	30.907			
4,400.00	4,292.06	4,043.20	3,906.72	22.71	21.33	68.57	-1,676.70	388.38	1,266.02	1,224.75	41.27	30.678			
4,500.00	4,389.09	4,130.56	3,989.86	23.25	21.82	69.22	-1,703.46	386.76	1,288.04	1,245.84	42.20	30.524			
4,600.00	4,486.12	4,223.02	4,077.73	23.78	22.35	69.90	-1,732.19	384.92	1,310.71	1,267.53	43.18	30.355			
4,700.00	4,583.15	4,337.01	4,186.26	24.32	23.00	70.72	-1,766.93	382.43	1,333.07	1,288.68	44.38	30.037			
4,800.00	4,680.18	4,438.58	4,283.30	24.86	23.57	71.43	-1,796.87	380.32	1,354.60	1,309.14	45.45	29.801			

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Fagerberg 28N-18B-M - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 166-MWD+IFR1															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
4,900.00	4,777.21	4,525.55	4,366.40	25.40	24.06	72.10	-1,822.27	376.74	1,376.73	1,330.35	46.38	29.681					
5,000.00	4,874.24	4,630.48	4,466.77	25.94	24.65	72.94	-1,852.36	371.20	1,399.01	1,351.52	47.50	29.456					
5,100.00	4,971.27	4,752.59	4,583.97	26.48	25.32	73.90	-1,886.00	364.71	1,420.53	1,371.77	48.76	29.130					
5,200.00	5,068.30	4,861.66	4,689.29	27.02	25.91	74.74	-1,913.91	359.62	1,440.12	1,390.22	49.90	28.860					
5,300.00	5,165.33	4,953.35	4,777.72	27.56	26.40	75.45	-1,937.56	354.29	1,460.62	1,409.74	50.88	28.709					
5,400.00	5,262.36	5,055.90	4,876.81	28.10	26.95	76.26	-1,963.18	348.10	1,480.72	1,428.77	51.95	28.501					
5,500.00	5,359.39	5,151.35	4,968.99	28.64	27.47	76.96	-1,987.43	342.89	1,501.24	1,448.27	52.96	28.344					
5,600.00	5,456.42	5,253.71	5,067.90	29.18	28.02	77.69	-2,013.18	337.42	1,521.69	1,467.65	54.04	28.158					
5,700.00	5,553.45	5,423.99	5,233.12	29.72	28.91	78.79	-2,053.90	331.64	1,540.86	1,485.20	55.66	27.682					
5,800.00	5,650.47	5,610.88	5,416.93	30.27	29.82	80.02	-2,087.51	328.94	1,553.23	1,496.01	57.22	27.143					
5,900.00	5,747.50	5,763.36	5,567.86	30.81	30.51	81.01	-2,109.11	329.06	1,562.16	1,503.70	58.47	26.719					
6,000.00	5,844.53	5,906.89	5,710.68	31.35	31.13	82.08	-2,123.10	327.96	1,567.65	1,508.05	59.60	26.303					
6,100.00	5,941.56	6,025.01	5,828.48	31.89	31.61	83.05	-2,131.56	325.68	1,571.88	1,511.25	60.63	25.924					
6,200.00	6,038.59	6,135.94	5,939.19	32.43	32.06	83.96	-2,138.16	323.84	1,575.25	1,513.61	61.64	25.555					
6,300.00	6,135.62	6,295.47	6,098.61	32.97	32.68	85.30	-2,143.76	322.59	1,576.34	1,513.66	62.69	25.147					
6,383.72	6,216.86	6,376.15	6,179.28	33.43	32.98	86.00	-2,144.86	322.14	1,576.03	1,512.53	63.50	24.820					
6,400.00	6,232.65	6,390.22	6,193.35	33.51	33.03	86.13	-2,145.05	321.98	1,576.04	1,512.39	63.65	24.759					
6,500.00	6,329.68	7,921.00	7,096.64	34.06	38.71	63.82	-2,149.27	1,143.33	1,547.19	1,490.60	56.59	27.342					
6,600.00	6,426.71	7,936.53	7,096.42	34.60	38.95	63.12	-2,149.62	1,158.86	1,488.66	1,429.23	59.43	25.049					
6,655.36	6,480.43	7,946.12	7,096.28	34.90	39.10	62.68	-2,149.84	1,168.45	1,458.09	1,397.06	61.04	23.889					
6,700.00	6,524.01	7,952.44	7,096.19	35.13	39.20	47.69	-2,149.99	1,174.77	1,434.31	1,372.00	62.31	23.017					
6,750.00	6,573.29	7,956.12	7,096.14	35.36	39.26	22.30	-2,150.08	1,178.44	1,408.52	1,344.84	63.68	22.120					
6,800.00	6,622.76	7,956.16	7,096.14	35.56	39.26	-10.60	-2,150.08	1,178.48	1,383.86	1,318.91	64.95	21.307					
6,850.00	6,672.13	7,952.56	7,096.19	35.73	39.21	-38.20	-2,149.99	1,174.88	1,360.55	1,294.42	66.13	20.574					
6,900.00	6,721.08	7,945.34	7,096.29	35.88	39.09	-55.51	-2,149.82	1,167.66	1,338.78	1,271.57	67.21	19.918					
6,950.00	6,769.31	7,934.51	7,096.45	36.03	38.92	-66.08	-2,149.57	1,156.84	1,318.70	1,250.51	68.19	19.337					
7,000.00	6,816.53	7,921.00	7,096.64	36.18	38.71	-72.92	-2,149.27	1,143.33	1,300.42	1,231.34	69.07	18.826					
7,050.00	6,862.44	7,908.40	7,096.83	36.34	38.52	-77.73	-2,149.03	1,130.74	1,284.04	1,214.13	69.91	18.367					
7,100.00	6,906.77	7,894.06	7,097.05	36.50	38.32	-81.16	-2,148.84	1,116.40	1,269.68	1,199.03	70.65	17.971					
7,150.00	6,949.23	7,877.49	7,097.30	36.68	38.08	-83.60	-2,148.74	1,099.83	1,257.36	1,186.07	71.29	17.638					
7,200.00	6,989.58	7,858.77	7,097.60	36.87	37.81	-85.33	-2,148.79	1,081.11	1,247.09	1,175.26	71.83	17.363					
7,250.00	7,027.55	7,838.02	7,097.94	37.09	37.51	-86.51	-2,149.02	1,060.37	1,238.84	1,166.57	72.27	17.142					
7,300.00	7,062.91	7,805.25	7,098.46	37.32	37.08	-86.93	-2,149.67	1,027.61	1,232.47	1,159.92	72.55	16.987					
7,350.00	7,095.45	7,758.19	7,098.95	37.59	36.48	-86.69	-2,150.38	980.56	1,227.38	1,154.71	72.67	16.890					
7,400.00	7,124.97	7,711.87	7,099.12	37.88	36.04	-86.36	-2,150.77	934.24	1,223.27	1,150.49	72.79	16.807					
7,450.00	7,151.28	7,667.02	7,099.11	38.21	35.98	-86.00	-2,151.02	889.39	1,220.12	1,147.20	72.92	16.731					
7,500.00	7,174.22	7,620.30	7,098.87	38.58	35.98	-85.56	-2,151.17	842.67	1,217.76	1,144.70	73.06	16.668					
7,550.00	7,193.65	7,572.68	7,097.57	38.98	35.98	-85.07	-2,151.17	795.07	1,216.01	1,142.78	73.23	16.604					
7,600.00	7,209.45	7,510.83	7,093.78	39.43	35.98	-84.33	-2,150.74	733.34	1,214.69	1,141.30	73.39	16.552					
7,650.00	7,221.52	7,426.38	7,083.39	39.91	35.97	-83.23	-2,147.59	649.62	1,212.63	1,139.12	73.51	16.497					
7,700.00	7,229.79	7,413.00	7,081.17	40.42	35.97	-83.28	-2,146.80	636.45	1,210.67	1,136.72	73.95	16.372					
7,750.00	7,234.21	7,372.06	7,071.21	40.97	35.93	-82.75	-2,144.67	596.83	1,209.36	1,134.99	74.36	16.263					
7,763.88	7,234.75	7,366.06	7,069.26	41.13	35.93	-82.66	-2,144.43	591.17	1,209.31	1,134.81	74.49	16.234					
7,780.56	7,235.00	7,358.92	7,066.79	41.32	35.92	-82.53	-2,144.17	584.47	1,209.38	1,134.73	74.65	16.201					
7,800.00	7,235.04	7,350.73	7,063.74	41.54	35.91	-82.39	-2,143.91	576.87	1,209.64	1,134.81	74.83	16.165					
7,900.00	7,235.26	7,320.00	7,050.34	42.82	35.89	-81.75	-2,143.24	549.25	1,214.19	1,138.31	75.88	16.001					
8,000.00	7,235.47	7,271.06	7,022.95	44.25	35.81	-80.46	-2,142.85	508.77	1,223.91	1,146.88	77.03	15.888					
8,100.00	7,235.68	7,224.00	6,990.30	45.82	35.73	-78.95	-2,142.97	474.96	1,239.73	1,161.53	78.19	15.854 SF					
8,200.00	7,235.90	7,205.59	6,976.23	47.52	35.68	-78.30	-2,143.09	463.09	1,261.15	1,181.74	79.41	15.881					
8,300.00	7,236.11	7,170.00	6,947.91	49.34	35.59	-77.00	-2,143.15	441.54	1,288.38	1,207.84	80.54	15.997					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Fagerberg 28N-18B-M - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 166-MWD+IFR1															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
8,400.00	7,236.32	7,144.00	6,926.41	51.25	35.52	-76.03	-2,143.24	426.94	1,321.28	1,239.67	81.61	16.189					
8,500.00	7,236.54	7,121.91	6,907.68	53.26	35.47	-75.19	-2,143.52	415.22	1,359.82	1,277.22	82.60	16.462					
8,600.00	7,236.75	7,102.13	6,890.57	55.34	35.41	-74.43	-2,143.91	405.29	1,403.68	1,320.18	83.50	16.811					
8,700.00	7,236.96	7,074.00	6,865.74	57.50	35.34	-73.34	-2,144.72	392.11	1,452.57	1,368.31	84.25	17.240					
8,800.00	7,237.17	7,074.00	6,865.74	59.71	35.34	-73.34	-2,144.72	392.11	1,505.84	1,420.85	84.99	17.719					
8,900.00	7,237.39	7,047.93	6,842.23	61.98	35.26	-72.33	-2,145.54	380.87	1,563.18	1,477.63	85.55	18.273					
9,000.00	7,237.60	7,031.40	6,827.10	64.29	35.21	-71.68	-2,146.01	374.23	1,624.26	1,538.22	86.04	18.878					
9,100.00	7,237.81	7,016.64	6,813.45	66.65	35.17	-71.10	-2,146.38	368.64	1,688.69	1,602.24	86.46	19.533					
9,200.00	7,238.03	6,979.00	6,778.09	69.05	35.06	-69.61	-2,147.17	355.77	1,756.63	1,669.91	86.72	20.255					
9,300.00	7,238.24	6,979.00	6,778.09	71.48	35.06	-69.61	-2,147.17	355.77	1,826.51	1,739.46	87.05	20.982					
9,400.00	7,238.45	6,979.00	6,778.09	73.95	35.06	-69.61	-2,147.17	355.77	1,899.07	1,811.77	87.31	21.751					
9,500.00	7,238.67	6,979.00	6,778.09	76.44	35.06	-69.61	-2,147.17	355.77	1,974.04	1,886.53	87.51	22.557					
9,600.00	7,238.88	6,979.00	6,778.09	78.96	35.06	-69.61	-2,147.17	355.77	2,051.15	1,963.47	87.67	23.396					
9,700.00	7,239.09	6,979.00	6,778.09	81.50	35.06	-69.61	-2,147.17	355.77	2,130.16	2,042.36	87.79	24.263					
9,800.00	7,239.30	6,946.97	6,747.45	84.06	34.96	-68.34	-2,147.69	346.45	2,210.00	2,122.15	87.84	25.158					
9,900.00	7,239.52	6,940.16	6,740.88	86.64	34.93	-68.07	-2,147.79	344.66	2,291.81	2,203.90	87.91	26.070					
10,000.00	7,239.73	6,933.85	6,734.78	89.23	34.91	-67.83	-2,147.87	343.07	2,374.95	2,287.00	87.95	27.002					
10,100.00	7,239.94	6,927.99	6,729.10	91.85	34.90	-67.59	-2,147.94	341.65	2,459.29	2,371.30	87.98	27.952					
10,200.00	7,240.16	6,922.54	6,723.80	94.47	34.88	-67.38	-2,148.01	340.37	2,544.70	2,456.71	88.00	28.917					
10,300.00	7,240.37	6,886.00	6,688.03	97.11	34.76	-65.95	-2,148.36	332.95	2,631.95	2,544.00	87.95	29.925					
10,400.00	7,240.58	6,886.00	6,688.03	99.76	34.76	-65.95	-2,148.36	332.95	2,719.01	2,631.04	87.96	30.911					
10,500.00	7,240.80	6,886.00	6,688.03	102.43	34.76	-65.95	-2,148.36	332.95	2,806.92	2,718.96	87.96	31.910					
10,600.00	7,241.01	6,886.00	6,688.03	105.10	34.76	-65.95	-2,148.36	332.95	2,895.63	2,807.67	87.96	32.921					
10,700.00	7,241.22	6,886.00	6,688.03	107.79	34.76	-65.95	-2,148.36	332.95	2,985.04	2,897.10	87.94	33.943					
10,800.00	7,241.43	6,886.00	6,688.03	110.48	34.76	-65.95	-2,148.36	332.95	3,075.11	2,987.19	87.93	34.974					
10,900.00	7,241.65	6,886.00	6,688.03	113.18	34.76	-65.95	-2,148.36	332.95	3,165.78	3,077.87	87.90	36.014					
11,000.00	7,241.86	6,886.00	6,688.03	115.89	34.76	-65.95	-2,148.36	332.95	3,256.99	3,169.11	87.88	37.061					
11,100.00	7,242.07	6,886.00	6,688.03	118.60	34.76	-65.95	-2,148.36	332.95	3,348.70	3,260.85	87.86	38.116					
11,200.00	7,242.29	6,886.00	6,688.03	121.32	34.76	-65.95	-2,148.36	332.95	3,440.88	3,353.05	87.83	39.177					
11,300.00	7,242.50	6,886.00	6,688.03	124.05	34.76	-65.95	-2,148.36	332.95	3,533.48	3,445.68	87.80	40.244					
11,400.00	7,242.71	6,886.00	6,688.03	126.78	34.76	-65.95	-2,148.36	332.95	3,626.47	3,538.70	87.77	41.316					
11,500.00	7,242.93	6,886.00	6,688.03	129.52	34.76	-65.95	-2,148.36	332.95	3,719.83	3,632.08	87.75	42.393					
11,600.00	7,243.14	6,886.00	6,688.03	132.27	34.76	-65.95	-2,148.36	332.95	3,813.53	3,725.81	87.72	43.474					
11,700.00	7,243.35	6,886.00	6,688.03	135.02	34.76	-65.95	-2,148.36	332.95	3,907.53	3,819.84	87.69	44.559					
11,800.00	7,243.57	6,886.00	6,688.03	137.77	34.76	-65.95	-2,148.36	332.95	4,001.83	3,914.16	87.67	45.647					
11,900.00	7,243.78	6,850.49	6,652.98	140.53	34.64	-64.57	-2,148.35	327.25	4,095.81	4,008.18	87.62	46.743					
12,000.00	7,243.99	6,846.83	6,649.36	143.29	34.63	-64.43	-2,148.32	326.72	4,190.50	4,102.90	87.60	47.837					
12,100.00	7,244.20	6,843.32	6,645.89	146.05	34.61	-64.29	-2,148.28	326.23	4,285.42	4,197.85	87.58	48.933					
12,200.00	7,244.42	6,839.96	6,642.56	148.82	34.60	-64.16	-2,148.24	325.76	4,380.56	4,293.01	87.55	50.032					
12,300.00	7,244.63	6,836.74	6,639.36	151.60	34.59	-64.04	-2,148.20	325.33	4,475.90	4,388.37	87.53	51.133					
12,400.00	7,244.84	6,833.64	6,636.29	154.37	34.58	-63.92	-2,148.16	324.92	4,571.43	4,483.92	87.52	52.236					
12,500.00	7,245.06	6,830.67	6,633.35	157.15	34.57	-63.80	-2,148.11	324.53	4,667.14	4,579.64	87.50	53.340					
12,600.00	7,245.27	6,827.81	6,630.51	159.93	34.56	-63.69	-2,148.06	324.17	4,763.02	4,675.54	87.48	54.446					
12,700.00	7,245.48	6,792.00	6,594.94	162.71	34.44	-62.33	-2,147.13	320.19	4,859.56	4,772.13	87.43	55.584					
12,800.00	7,245.70	6,792.00	6,594.94	165.50	34.44	-62.33	-2,147.13	320.19	4,955.67	4,868.25	87.42	56.689					
12,900.00	7,245.91	6,792.00	6,594.94	168.29	34.44	-62.33	-2,147.13	320.19	5,051.93	4,964.52	87.41	57.795					
13,000.00	7,246.12	6,792.00	6,594.94	171.08	34.44	-62.33	-2,147.13	320.19	5,148.33	5,060.92	87.41	58.902					
13,100.00	7,246.33	6,792.00	6,594.94	173.87	34.44	-62.33	-2,147.13	320.19	5,244.87	5,157.47	87.40	60.010					
13,200.00	7,246.55	6,792.00	6,594.94	176.67	34.44	-62.33	-2,147.13	320.19	5,341.53	5,254.13	87.40	61.118					
13,300.00	7,246.76	6,792.00	6,594.94	179.47	34.44	-62.33	-2,147.13	320.19	5,438.31	5,350.92	87.39	62.227					
13,400.00	7,246.97	6,792.00	6,594.94	182.27	34.44	-62.33	-2,147.13	320.19	5,535.21	5,447.82	87.39	63.336					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 166-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,500.00	7,247.19	6,792.00	6,594.94	185.07	34.44	-62.33	-2,147.13	320.19	5,632.22	5,544.83	87.40	64.445		
13,600.00	7,247.40	6,792.00	6,594.94	187.87	34.44	-62.33	-2,147.13	320.19	5,729.33	5,641.93	87.40	65.555		
13,700.00	7,247.61	6,792.00	6,594.94	190.68	34.44	-62.33	-2,147.13	320.19	5,826.54	5,739.14	87.40	66.664		
13,800.00	7,247.83	6,792.00	6,594.94	193.48	34.44	-62.33	-2,147.13	320.19	5,923.84	5,836.43	87.41	67.774		
13,900.00	7,248.04	6,792.00	6,594.94	196.29	34.44	-62.33	-2,147.13	320.19	6,021.23	5,933.82	87.41	68.883		
14,000.00	7,248.25	6,792.00	6,594.94	199.10	34.44	-62.33	-2,147.13	320.19	6,118.70	6,031.28	87.42	69.991		
14,100.00	7,248.46	6,792.00	6,594.94	201.91	34.44	-62.33	-2,147.13	320.19	6,216.26	6,128.83	87.43	71.100		
14,200.00	7,248.68	6,792.00	6,594.94	204.72	34.44	-62.33	-2,147.13	320.19	6,313.89	6,226.45	87.44	72.207		
14,300.00	7,248.89	6,792.00	6,594.94	207.53	34.44	-62.33	-2,147.13	320.19	6,411.59	6,324.14	87.45	73.315		
14,400.00	7,249.10	6,792.00	6,594.94	210.35	34.44	-62.33	-2,147.13	320.19	6,509.36	6,421.90	87.47	74.421		
14,500.00	7,249.32	6,792.00	6,594.94	213.16	34.44	-62.33	-2,147.13	320.19	6,607.20	6,519.72	87.48	75.527		
14,600.00	7,249.53	6,792.00	6,594.94	215.98	34.44	-62.33	-2,147.13	320.19	6,705.11	6,617.61	87.50	76.632		
14,700.00	7,249.74	6,792.00	6,594.94	218.80	34.44	-62.33	-2,147.13	320.19	6,803.07	6,715.56	87.51	77.736		
14,800.00	7,249.96	6,792.00	6,594.94	221.62	34.44	-62.33	-2,147.13	320.19	6,901.09	6,813.56	87.53	78.840		
14,900.00	7,250.17	6,792.00	6,594.94	224.44	34.44	-62.33	-2,147.13	320.19	6,999.17	6,911.62	87.55	79.942		
15,000.00	7,250.38	6,792.00	6,594.94	227.26	34.44	-62.33	-2,147.13	320.19	7,097.31	7,009.73	87.57	81.043		
15,100.00	7,250.59	6,792.00	6,594.94	230.08	34.44	-62.33	-2,147.13	320.19	7,195.49	7,107.89	87.60	82.143		
15,200.00	7,250.81	6,792.00	6,594.94	232.90	34.44	-62.33	-2,147.13	320.19	7,293.72	7,206.10	87.62	83.242		
15,300.00	7,251.02	6,792.00	6,594.94	235.72	34.44	-62.33	-2,147.13	320.19	7,392.00	7,304.36	87.65	84.340		
15,400.00	7,251.23	6,792.00	6,594.94	238.55	34.44	-62.33	-2,147.13	320.19	7,490.33	7,402.66	87.67	85.436		
15,500.00	7,251.45	6,792.00	6,594.94	241.37	34.44	-62.33	-2,147.13	320.19	7,588.70	7,501.00	87.70	86.532		
15,600.00	7,251.66	6,792.00	6,594.94	244.20	34.44	-62.33	-2,147.13	320.19	7,687.11	7,599.38	87.73	87.625		
15,700.00	7,251.87	6,792.00	6,594.94	247.03	34.44	-62.33	-2,147.13	320.19	7,785.56	7,697.81	87.76	88.718		
15,800.00	7,252.09	6,792.00	6,594.94	249.85	34.44	-62.33	-2,147.13	320.19	7,884.06	7,796.27	87.79	89.808		
15,900.00	7,252.30	6,792.00	6,594.94	252.68	34.44	-62.33	-2,147.13	320.19	7,982.58	7,894.76	87.82	90.898		
16,000.00	7,252.51	6,792.00	6,594.94	255.51	34.44	-62.33	-2,147.13	320.19	8,081.15	7,993.30	87.85	91.986		
16,100.00	7,252.72	6,792.00	6,594.94	258.34	34.44	-62.33	-2,147.13	320.19	8,179.75	8,091.86	87.89	93.072		
16,200.00	7,252.94	6,792.00	6,594.94	261.17	34.44	-62.33	-2,147.13	320.19	8,278.38	8,190.46	87.92	94.156		
16,300.00	7,253.15	6,792.00	6,594.94	264.00	34.44	-62.33	-2,147.13	320.19	8,377.05	8,289.09	87.96	95.239		
16,400.00	7,253.36	6,792.00	6,594.94	266.83	34.44	-62.33	-2,147.13	320.19	8,475.75	8,387.75	88.00	96.320		
16,500.00	7,253.58	6,792.00	6,594.94	269.66	34.44	-62.33	-2,147.13	320.19	8,574.47	8,486.44	88.03	97.400		
16,600.00	7,253.79	6,792.00	6,594.94	272.50	34.44	-62.33	-2,147.13	320.19	8,673.23	8,585.16	88.07	98.478		
16,700.00	7,254.00	6,792.00	6,594.94	275.33	34.44	-62.33	-2,147.13	320.19	8,772.01	8,683.90	88.11	99.553		
16,800.00	7,254.22	6,792.00	6,594.94	278.16	34.44	-62.33	-2,147.13	320.19	8,870.83	8,782.67	88.16	100.627		
16,900.00	7,254.43	6,792.00	6,594.94	281.00	34.44	-62.33	-2,147.13	320.19	8,969.66	8,881.47	88.20	101.699		
17,000.00	7,254.64	6,792.00	6,594.94	283.83	34.44	-62.33	-2,147.13	320.19	9,068.53	8,980.29	88.24	102.770		
17,100.00	7,254.85	6,792.00	6,594.94	286.67	34.44	-62.33	-2,147.13	320.19	9,167.42	9,079.13	88.29	103.838		
17,200.00	7,255.07	6,792.00	6,594.94	289.50	34.44	-62.33	-2,147.13	320.19	9,266.33	9,178.00	88.33	104.904		
17,300.00	7,255.28	6,792.00	6,594.94	292.34	34.44	-62.33	-2,147.13	320.19	9,365.26	9,276.89	88.38	105.969		
17,400.00	7,255.49	6,792.00	6,594.94	295.17	34.44	-62.33	-2,147.13	320.19	9,464.22	9,375.80	88.43	107.031		
17,500.00	7,255.71	6,792.00	6,594.94	298.01	34.44	-62.33	-2,147.13	320.19	9,563.20	9,474.73	88.47	108.091		
17,600.00	7,255.92	6,792.00	6,594.94	300.85	34.44	-62.33	-2,147.13	320.19	9,662.20	9,573.68	88.52	109.149		
17,700.00	7,256.13	6,792.00	6,594.94	303.68	34.44	-62.33	-2,147.13	320.19	9,761.22	9,672.65	88.57	110.205		
17,800.00	7,256.35	6,792.00	6,594.94	306.52	34.44	-62.33	-2,147.13	320.19	9,860.26	9,771.64	88.62	111.259		
17,900.00	7,256.56	6,792.00	6,594.94	309.36	34.44	-62.33	-2,147.13	320.19	9,959.32	9,870.65	88.68	112.311		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 36C-7-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 436-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	143.85	-692.91	506.15	858.15					
100.00	100.00	86.90	86.90	3.28	3.29	143.89	-693.28	505.82	858.19	851.62	6.57	130.613		
200.00	200.00	184.51	184.49	3.34	3.31	144.00	-694.60	504.64	858.58	851.93	6.64	129.244		
300.00	300.00	282.06	281.99	3.44	3.34	144.20	-696.86	502.63	859.25	852.46	6.79	126.632		
400.00	399.98	379.48	379.32	3.60	3.39	19.52	-700.07	499.77	858.57	851.58	6.99	122.898		
500.00	499.84	470.13	469.81	3.79	3.47	19.99	-704.11	496.30	855.09	847.83	7.26	117.745		
600.00	599.45	554.00	553.31	4.03	3.62	20.69	-710.55	491.85	850.20	842.56	7.64	111.232		
700.00	698.70	642.58	641.22	4.30	3.80	21.68	-719.55	485.87	843.54	835.44	8.11	104.059		
800.00	797.47	724.36	722.20	4.61	4.01	22.76	-729.55	480.22	835.59	826.97	8.62	96.913		
900.00	895.62	803.45	800.23	4.95	4.24	23.99	-741.18	474.70	826.93	817.74	9.19	90.006		
1,000.00	993.06	878.73	874.19	5.33	4.48	25.32	-754.21	469.60	818.01	808.22	9.79	83.541		
1,100.00	1,090.08	953.33	947.22	5.74	4.74	26.62	-768.86	465.52	810.83	800.40	10.43	77.749		
1,200.00	1,187.11	1,031.09	1,023.09	6.17	5.03	27.95	-785.68	462.77	806.95	795.85	11.11	72.654		
1,300.00	1,284.14	1,115.07	1,104.72	6.61	5.35	29.40	-805.25	460.54	805.69	793.87	11.81	68.193		
1,310.19	1,294.03	1,124.08	1,113.47	6.66	5.39	29.55	-807.41	460.33	805.68	793.79	11.89	67.759 CC		
1,400.00	1,381.17	1,205.09	1,191.99	7.07	5.72	30.94	-827.24	458.59	806.37	793.79	12.58	64.124		
1,500.00	1,478.20	1,300.68	1,284.45	7.55	6.14	32.67	-851.33	455.47	808.14	794.75	13.38	60.390		
1,600.00	1,575.23	1,388.24	1,368.84	8.03	6.54	34.33	-874.36	451.62	811.39	797.21	14.18	57.228		
1,700.00	1,672.26	1,471.24	1,448.42	8.52	6.93	35.97	-897.54	447.31	816.86	801.90	14.97	54.573		
1,800.00	1,769.29	1,563.54	1,536.54	9.01	7.38	37.82	-924.43	441.85	824.28	808.46	15.82	52.107		
1,900.00	1,866.32	1,658.97	1,627.62	9.51	7.86	39.70	-952.39	436.43	832.89	816.19	16.70	49.874		
2,000.00	1,963.35	1,767.41	1,731.48	10.02	8.41	41.70	-983.16	431.39	841.71	824.05	17.66	47.651		
2,100.00	2,060.38	1,877.42	1,837.42	10.53	8.97	43.60	-1,012.49	427.25	849.82	831.17	18.65	45.561		
2,200.00	2,157.41	1,986.70	1,943.18	11.04	9.51	45.33	-1,039.89	424.67	857.29	837.65	19.63	43.664		
2,300.00	2,254.44	2,108.76	2,061.99	11.56	10.10	47.14	-1,067.80	422.86	863.31	842.62	20.69	41.727		
2,400.00	2,351.47	2,227.93	2,178.69	12.07	10.67	48.92	-1,091.73	420.15	867.02	845.30	21.73	39.909		
2,500.00	2,448.50	2,320.69	2,269.70	12.59	11.12	50.28	-1,109.54	418.16	870.45	847.82	22.63	38.462		
2,600.00	2,545.53	2,409.35	2,356.57	13.12	11.54	51.59	-1,127.22	416.10	875.18	851.65	23.52	37.206		
2,700.00	2,642.56	2,509.09	2,454.19	13.64	12.03	53.06	-1,147.47	413.35	880.84	856.36	24.48	35.980		
2,800.00	2,739.59	2,592.98	2,536.16	14.17	12.44	54.34	-1,165.01	410.30	887.68	862.33	25.36	35.010		
2,900.00	2,836.62	2,696.99	2,637.71	14.69	12.96	55.91	-1,187.14	406.17	895.53	869.18	26.36	33.977		
3,000.00	2,933.65	2,795.55	2,734.04	15.22	13.45	57.39	-1,207.56	402.15	903.45	876.12	27.33	33.059		
3,100.00	3,030.68	2,868.16	2,804.81	15.75	13.81	58.44	-1,223.61	399.46	913.26	885.12	28.13	32.463		
3,200.00	3,127.71	2,948.33	2,882.53	16.28	14.23	59.53	-1,243.11	397.08	925.74	896.76	28.98	31.946		
3,300.00	3,224.74	3,072.15	3,002.56	16.82	14.87	61.14	-1,273.32	393.82	938.94	908.78	30.16	31.131		
3,400.00	3,321.76	3,187.97	3,115.75	17.35	15.45	62.66	-1,297.60	390.49	949.02	917.75	31.27	30.351		
3,500.00	3,418.79	3,281.78	3,207.42	17.88	15.91	63.86	-1,317.34	387.86	959.68	927.45	32.23	29.780		
3,600.00	3,515.82	3,402.21	3,325.65	18.42	16.50	65.31	-1,340.14	385.84	968.34	934.98	33.36	29.029		
3,700.00	3,612.85	3,492.64	3,414.43	18.95	16.94	66.44	-1,357.14	383.22	977.74	943.44	34.30	28.507		
3,800.00	3,709.88	3,584.98	3,505.00	19.49	17.40	67.54	-1,374.99	381.15	987.95	952.69	35.25	28.025		
3,900.00	3,806.91	3,672.44	3,590.65	20.02	17.83	68.56	-1,392.57	379.01	999.35	963.18	36.17	27.626		
4,000.00	3,903.94	3,775.22	3,691.18	20.56	18.35	69.80	-1,413.62	375.02	1,011.95	974.74	37.21	27.195		
4,100.00	4,000.97	3,866.41	3,780.60	21.09	18.80	70.88	-1,431.19	371.94	1,023.70	985.54	38.16	26.825		
4,200.00	4,098.00	3,935.24	3,847.74	21.63	19.15	71.69	-1,446.00	368.78	1,038.29	999.35	38.93	26.670		
4,300.00	4,195.03	4,011.28	3,921.54	22.17	19.54	72.59	-1,463.75	364.28	1,055.44	1,015.70	39.74	26.557		
4,400.00	4,292.06	4,100.83	4,008.13	22.71	20.02	73.56	-1,486.09	359.67	1,074.24	1,033.56	40.68	26.406		
4,500.00	4,389.09	4,193.09	4,097.15	23.25	20.51	74.45	-1,510.10	356.25	1,093.83	1,052.19	41.65	26.264		
4,600.00	4,486.12	4,353.78	4,253.29	23.78	21.35	75.94	-1,547.66	351.67	1,110.84	1,067.61	43.23	25.693		
4,700.00	4,583.15	4,456.63	4,354.04	24.32	21.86	76.91	-1,588.24	349.31	1,124.91	1,080.62	44.28	25.402		
4,800.00	4,680.18	4,569.45	4,464.64	24.86	22.42	77.99	-1,590.24	346.05	1,139.10	1,093.70	45.41	25.086		
4,900.00	4,777.21	4,658.04	4,551.62	25.40	22.86	78.82	-1,606.85	343.52	1,152.88	1,106.54	46.35	24.874		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Fagerberg 36C-7-M - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 436-MWD+IFR1															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
5,000.00	4,874.24	4,737.49	4,629.44	25.94	23.26	79.55	-1,622.67	341.00	1,168.12	1,120.91	47.21	24.742					
5,100.00	4,971.27	4,850.16	4,739.63	26.48	23.82	80.53	-1,645.90	337.38	1,184.34	1,135.99	48.35	24.495					
5,200.00	5,068.30	4,941.45	4,829.06	27.02	24.28	81.28	-1,664.13	335.42	1,199.68	1,150.37	49.31	24.329					
5,300.00	5,165.33	5,016.15	4,902.04	27.56	24.66	81.88	-1,679.93	333.53	1,216.49	1,166.36	50.13	24.268					
5,400.00	5,262.36	5,100.69	4,984.33	28.10	25.10	82.53	-1,699.11	330.55	1,235.25	1,184.23	51.02	24.209					
5,500.00	5,359.39	5,227.01	5,107.49	28.64	25.75	83.54	-1,726.64	325.52	1,253.85	1,201.54	52.31	23.971					
5,600.00	5,456.42	5,428.63	5,306.61	29.18	26.70	85.22	-1,757.57	321.47	1,265.11	1,211.09	54.02	23.418					
5,700.00	5,553.45	5,583.77	5,461.12	29.72	27.37	86.77	-1,770.67	317.40	1,272.13	1,216.88	55.24	23.027					
5,800.00	5,650.47	5,696.95	5,574.11	30.27	27.84	87.92	-1,776.88	315.51	1,276.63	1,220.36	56.27	22.688					
5,900.00	5,747.50	5,822.53	5,699.58	30.81	28.34	89.27	-1,781.47	313.02	1,280.31	1,223.00	57.31	22.341					
6,000.00	5,844.53	5,939.21	5,816.23	31.35	28.80	90.48	-1,783.66	312.82	1,281.87	1,223.56	58.31	21.985					
6,100.00	5,941.56	6,032.77	5,909.75	31.89	29.17	91.39	-1,786.29	313.65	1,284.05	1,224.78	59.27	21.664					
6,200.00	6,038.59	6,134.93	6,011.87	32.43	29.57	92.39	-1,788.73	314.82	1,286.13	1,225.88	60.25	21.347					
6,300.00	6,135.62	6,230.91	6,107.82	32.97	29.95	93.33	-1,791.07	315.67	1,288.78	1,227.56	61.22	21.053					
6,400.00	6,232.65	6,328.97	6,205.85	33.51	30.33	94.30	-1,793.28	316.53	1,291.67	1,229.48	62.19	20.770					
6,500.00	6,329.68	6,431.75	6,308.62	34.06	30.74	95.34	-1,795.05	316.82	1,294.94	1,231.77	63.17	20.501					
6,600.00	6,426.71	7,794.00	7,216.97	34.60	36.74	70.20	-1,812.99	1,115.07	1,273.01	1,223.23	49.78	25.571					
6,655.36	6,480.43	7,794.00	7,216.97	34.90	36.74	70.20	-1,812.99	1,115.07	1,234.42	1,182.92	51.50	23.969					
6,700.00	6,524.01	7,800.94	7,217.04	35.13	36.84	53.94	-1,813.48	1,121.99	1,203.94	1,150.99	52.95	22.737					
6,750.00	6,573.29	7,807.39	7,217.10	35.36	36.93	26.96	-1,813.93	1,128.42	1,170.23	1,115.66	54.57	21.445					
6,800.00	6,622.76	7,809.27	7,217.13	35.56	36.96	-7.43	-1,814.06	1,130.30	1,137.30	1,081.16	56.15	20.255					
6,850.00	6,672.13	7,806.52	7,217.10	35.73	36.92	-36.36	-1,813.87	1,127.56	1,105.45	1,047.77	57.68	19.165					
6,900.00	6,721.08	7,799.13	7,217.02	35.88	36.81	-54.81	-1,813.35	1,120.18	1,074.95	1,015.79	59.16	18.170					
6,950.00	6,769.31	7,794.00	7,216.97	36.03	36.74	-66.76	-1,812.99	1,115.07	1,046.04	985.42	60.62	17.256					
7,000.00	6,816.53	7,794.00	7,216.97	36.18	36.74	-75.30	-1,812.99	1,115.07	1,019.08	957.01	62.07	16.418					
7,050.00	6,862.44	7,771.00	7,216.72	36.34	36.44	-80.27	-1,811.53	1,092.12	993.99	930.65	63.33	15.695					
7,100.00	6,906.77	7,757.92	7,216.55	36.50	36.27	-84.45	-1,810.86	1,079.06	971.29	906.72	64.57	15.042					
7,150.00	6,949.23	7,742.69	7,216.33	36.68	36.08	-87.54	-1,810.25	1,063.84	951.05	885.33	65.71	14.473					
7,200.00	6,989.58	7,725.41	7,216.05	36.87	35.86	-89.79	-1,809.76	1,046.57	933.37	866.62	66.74	13.984					
7,250.00	7,027.55	7,725.00	7,214.03	37.09	33.70	-90.33	-1,809.25	1,006.38	918.28	855.61	62.67	14.653					
7,300.00	7,062.91	7,656.68	7,213.00	37.32	35.06	-91.11	-1,809.11	977.94	905.63	837.27	68.35	13.249					
7,350.00	7,095.45	7,600.67	7,204.54	37.59	34.48	-90.12	-1,808.21	922.60	894.21	825.20	69.01	12.958					
7,400.00	7,124.97	7,557.40	7,194.60	37.88	34.15	-89.44	-1,807.17	880.51	884.43	814.75	69.68	12.692					
7,450.00	7,151.28	7,515.93	7,182.79	38.21	33.93	-88.59	-1,805.97	840.78	876.45	806.19	70.26	12.474					
7,500.00	7,174.22	7,484.82	7,172.35	38.58	33.82	-88.00	-1,805.03	811.49	870.41	799.60	70.82	12.291					
7,550.00	7,193.65	7,456.30	7,161.36	38.98	33.74	-87.29	-1,804.38	785.18	866.55	795.24	71.31	12.152					
7,600.00	7,209.45	7,428.36	7,149.30	39.43	33.68	-86.38	-1,803.95	759.99	864.82	793.08	71.74	12.055					
7,614.21	7,213.26	7,420.52	7,145.69	39.56	33.66	-86.09	-1,803.87	753.03	864.71	792.85	71.86	12.034	ES				
7,650.00	7,221.52	7,399.78	7,135.67	39.91	33.62	-85.24	-1,803.71	734.87	865.14	793.00	72.14	11.992					
7,700.00	7,229.79	7,370.76	7,120.51	40.42	33.56	-83.89	-1,803.59	710.13	867.34	794.81	72.52	11.959					
7,750.00	7,234.21	7,342.37	7,104.43	40.97	33.50	-82.40	-1,803.58	686.74	871.29	798.42	72.87	11.956	SF				
7,780.56	7,235.00	7,320.00	7,090.93	41.32	33.46	-81.21	-1,803.65	668.91	874.54	801.49	73.06	11.971					
7,800.00	7,235.04	7,313.08	7,086.61	41.54	33.44	-80.93	-1,803.68	663.50	876.87	803.67	73.20	11.979					
7,900.00	7,235.26	7,249.23	7,044.07	42.82	33.30	-78.17	-1,803.49	615.92	892.23	818.37	73.85	12.081					
8,000.00	7,235.47	7,193.49	7,003.41	44.25	33.16	-75.58	-1,802.74	577.81	913.68	839.21	74.47	12.269					
8,100.00	7,235.68	7,142.70	6,964.57	45.82	33.03	-73.15	-1,801.80	545.10	941.53	866.51	75.02	12.550					
8,200.00	7,235.90	7,098.97	6,929.89	47.52	32.92	-71.02	-1,800.84	518.50	975.82	900.29	75.53	12.920					
8,300.00	7,236.11	7,060.72	6,898.55	49.34	32.82	-69.14	-1,799.89	496.58	1,016.45	940.48	75.97	13.380					
8,400.00	7,236.32	7,024.13	6,867.78	51.25	32.71	-67.33	-1,798.88	476.81	1,063.05	986.73	76.32	13.929					
8,500.00	7,236.54	6,981.64	6,831.56	53.26	32.59	-65.25	-1,797.64	454.64	1,114.77	1,038.25	76.52	14.568					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Fagerberg 36C-7-M - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 436-MWD+IFR1															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
8,600.00	7,236.75	6,939.00	6,794.85	55.34	32.47	-63.21	-1,796.32	432.99	1,170.95	1,094.31	76.64	15.278					
8,700.00	7,236.96	6,939.00	6,794.85	57.50	32.47	-63.21	-1,796.32	432.99	1,231.78	1,154.67	77.11	15.974					
8,800.00	7,237.17	6,899.98	6,760.62	59.71	32.35	-61.37	-1,795.27	414.29	1,296.02	1,218.86	77.15	16.798					
8,900.00	7,237.39	6,882.44	6,744.94	61.98	32.30	-60.55	-1,794.94	406.45	1,364.29	1,286.96	77.33	17.643					
9,000.00	7,237.60	6,846.00	6,711.81	64.29	32.19	-58.86	-1,794.50	391.28	1,436.17	1,358.87	77.30	18.579					
9,100.00	7,237.81	6,846.00	6,711.81	66.65	32.19	-58.86	-1,794.50	391.28	1,510.11	1,432.58	77.53	19.477					
9,200.00	7,238.03	6,846.00	6,711.81	69.05	32.19	-58.86	-1,794.50	391.28	1,586.91	1,509.21	77.70	20.424					
9,300.00	7,238.24	6,820.71	6,688.47	71.48	32.11	-57.72	-1,794.41	381.55	1,665.70	1,588.01	77.68	21.442					
9,400.00	7,238.45	6,806.11	6,674.90	73.95	32.06	-57.06	-1,794.43	376.17	1,746.40	1,668.69	77.71	22.472					
9,500.00	7,238.67	6,792.41	6,662.10	76.44	32.02	-56.46	-1,794.51	371.27	1,828.73	1,751.00	77.73	23.526					
9,600.00	7,238.88	6,779.53	6,650.02	78.96	31.97	-55.90	-1,794.62	366.81	1,912.51	1,834.76	77.74	24.600					
9,700.00	7,239.09	6,752.00	6,624.04	81.50	31.89	-54.72	-1,795.02	357.72	1,997.73	1,920.04	77.69	25.715					
9,800.00	7,239.30	6,752.00	6,624.04	84.06	31.89	-54.72	-1,795.02	357.72	2,083.77	2,006.03	77.73	26.806					
9,900.00	7,239.52	6,752.00	6,624.04	86.64	31.89	-54.72	-1,795.02	357.72	2,171.01	2,093.24	77.76	27.918					
10,000.00	7,239.73	6,752.00	6,624.04	89.23	31.89	-54.72	-1,795.02	357.72	2,259.30	2,181.52	77.78	29.048					
10,100.00	7,239.94	6,722.45	6,595.92	91.85	31.79	-53.49	-1,795.49	348.67	2,348.01	2,270.29	77.72	30.212					
10,200.00	7,240.16	6,712.46	6,586.35	94.47	31.75	-53.08	-1,795.62	345.78	2,437.67	2,359.96	77.70	31.372					
10,300.00	7,240.37	6,703.04	6,577.31	97.11	31.72	-52.70	-1,795.73	343.14	2,527.99	2,450.31	77.69	32.540					
10,400.00	7,240.58	6,694.14	6,568.75	99.76	31.69	-52.33	-1,795.82	340.71	2,618.93	2,541.26	77.67	33.717					
10,500.00	7,240.80	6,657.00	6,532.82	102.43	31.57	-50.85	-1,796.06	331.30	2,710.90	2,633.30	77.60	34.936					
10,600.00	7,241.01	6,657.00	6,532.82	105.10	31.57	-50.85	-1,796.06	331.30	2,802.66	2,725.06	77.60	36.116					
10,700.00	7,241.22	6,657.00	6,532.82	107.79	31.57	-50.85	-1,796.06	331.30	2,894.97	2,817.36	77.60	37.304					
10,800.00	7,241.43	6,657.00	6,532.82	110.48	31.57	-50.85	-1,796.06	331.30	2,987.77	2,910.16	77.60	38.500					
10,900.00	7,241.65	6,657.00	6,532.82	113.18	31.57	-50.85	-1,796.06	331.30	3,081.02	3,003.42	77.60	39.703					
11,000.00	7,241.86	6,657.00	6,532.82	115.89	31.57	-50.85	-1,796.06	331.30	3,174.68	3,097.09	77.60	40.913					
11,100.00	7,242.07	6,657.00	6,532.82	118.60	31.57	-50.85	-1,796.06	331.30	3,268.72	3,191.13	77.59	42.128					
11,200.00	7,242.29	6,657.00	6,532.82	121.32	31.57	-50.85	-1,796.06	331.30	3,363.10	3,285.52	77.58	43.348					
11,300.00	7,242.50	6,657.00	6,532.82	124.05	31.57	-50.85	-1,796.06	331.30	3,457.80	3,380.22	77.58	44.572					
11,400.00	7,242.71	6,657.00	6,532.82	126.78	31.57	-50.85	-1,796.06	331.30	3,552.79	3,475.22	77.57	45.800					
11,500.00	7,242.93	6,657.00	6,532.82	129.52	31.57	-50.85	-1,796.06	331.30	3,648.05	3,570.48	77.57	47.031					
11,600.00	7,243.14	6,657.00	6,532.82	132.27	31.57	-50.85	-1,796.06	331.30	3,743.55	3,665.99	77.56	48.266					
11,700.00	7,243.35	6,657.00	6,532.82	135.02	31.57	-50.85	-1,796.06	331.30	3,839.29	3,761.73	77.56	49.503					
11,800.00	7,243.57	6,657.00	6,532.82	137.77	31.57	-50.85	-1,796.06	331.30	3,935.23	3,857.68	77.55	50.742					
11,900.00	7,243.78	6,657.00	6,532.82	140.53	31.57	-50.85	-1,796.06	331.30	4,031.37	3,953.82	77.55	51.984					
12,000.00	7,243.99	6,657.00	6,532.82	143.29	31.57	-50.85	-1,796.06	331.30	4,127.70	4,050.15	77.55	53.227					
12,100.00	7,244.20	6,657.00	6,532.82	146.05	31.57	-50.85	-1,796.06	331.30	4,224.19	4,146.65	77.55	54.471					
12,200.00	7,244.42	6,657.00	6,532.82	148.82	31.57	-50.85	-1,796.06	331.30	4,320.85	4,243.30	77.55	55.717					
12,300.00	7,244.63	6,657.00	6,532.82	151.60	31.57	-50.85	-1,796.06	331.30	4,417.65	4,340.10	77.55	56.963					
12,400.00	7,244.84	6,657.00	6,532.82	154.37	31.57	-50.85	-1,796.06	331.30	4,514.60	4,437.04	77.56	58.210					
12,500.00	7,245.06	6,657.00	6,532.82	157.15	31.57	-50.85	-1,796.06	331.30	4,611.67	4,534.11	77.56	59.458					
12,600.00	7,245.27	6,657.00	6,532.82	159.93	31.57	-50.85	-1,796.06	331.30	4,708.87	4,631.30	77.57	60.706					
12,700.00	7,245.48	6,657.00	6,532.82	162.71	31.57	-50.85	-1,796.06	331.30	4,806.18	4,728.61	77.58	61.955					
12,800.00	7,245.70	6,657.00	6,532.82	165.50	31.57	-50.85	-1,796.06	331.30	4,903.60	4,826.02	77.59	63.203					
12,900.00	7,245.91	6,657.00	6,532.82	168.29	31.57	-50.85	-1,796.06	331.30	5,001.12	4,923.53	77.60	64.451					
13,000.00	7,246.12	6,657.00	6,532.82	171.08	31.57	-50.85	-1,796.06	331.30	5,098.74	5,021.13	77.61	65.699					
13,100.00	7,246.33	6,657.00	6,532.82	173.87	31.57	-50.85	-1,796.06	331.30	5,196.45	5,118.83	77.62	66.946					
13,200.00	7,246.55	6,613.73	6,490.36	176.67	31.42	-49.17	-1,796.15	323.08	5,292.02	5,214.38	77.64	68.160					
13,300.00	7,246.76	6,612.64	6,489.28	179.47	31.41	-49.13	-1,796.15	322.92	5,389.78	5,312.13	77.66	69.404					
13,400.00	7,246.97	6,611.57	6,488.22	182.27	31.41	-49.09	-1,796.15	322.77	5,487.63	5,409.95	77.68	70.647					
13,500.00	7,247.19	6,610.55	6,487.21	185.07	31.40	-49.05	-1,796.15	322.63	5,585.54	5,507.84	77.70	71.890					
13,600.00	7,247.40	6,609.56	6,486.23	187.87	31.40	-49.01	-1,796.15	322.50	5,683.53	5,605.81	77.72	73.131					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Fagerberg 36C-7-M - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 436-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,247.61	6,608.60	6,485.27	190.68	31.40	-48.98	-1,796.15	322.37	5,781.58	5,703.84	77.74	74.371		
13,800.00	7,247.83	6,607.67	6,484.35	193.48	31.39	-48.94	-1,796.15	322.25	5,879.69	5,801.93	77.76	75.610		
13,900.00	7,248.04	6,606.77	6,483.46	196.29	31.39	-48.91	-1,796.15	322.14	5,977.87	5,900.08	77.79	76.848		
14,000.00	7,248.25	6,563.00	6,439.85	199.10	31.24	-47.28	-1,796.11	318.68	6,078.27	6,000.46	77.81	78.116		
14,100.00	7,248.46	6,563.00	6,439.85	201.91	31.24	-47.28	-1,796.11	318.68	6,176.47	6,098.64	77.84	79.349		
14,200.00	7,248.68	6,563.00	6,439.85	204.72	31.24	-47.28	-1,796.11	318.68	6,274.73	6,196.87	77.87	80.581		
14,300.00	7,248.89	6,563.00	6,439.85	207.53	31.24	-47.28	-1,796.11	318.68	6,373.05	6,295.15	77.90	81.812		
14,400.00	7,249.10	6,563.00	6,439.85	210.35	31.24	-47.28	-1,796.11	318.68	6,471.41	6,393.48	77.93	83.041		
14,500.00	7,249.32	6,563.00	6,439.85	213.16	31.24	-47.28	-1,796.11	318.68	6,569.83	6,491.86	77.96	84.269		
14,600.00	7,249.53	6,563.00	6,439.85	215.98	31.24	-47.28	-1,796.11	318.68	6,668.29	6,590.29	78.00	85.495		
14,700.00	7,249.74	6,563.00	6,439.85	218.80	31.24	-47.28	-1,796.11	318.68	6,766.79	6,688.76	78.03	86.719		
14,800.00	7,249.96	6,563.00	6,439.85	221.62	31.24	-47.28	-1,796.11	318.68	6,865.34	6,787.28	78.07	87.941		
14,900.00	7,250.17	6,563.00	6,439.85	224.44	31.24	-47.28	-1,796.11	318.68	6,963.93	6,885.83	78.10	89.162		
15,000.00	7,250.38	6,563.00	6,439.85	227.26	31.24	-47.28	-1,796.11	318.68	7,062.57	6,984.42	78.14	90.381		
15,100.00	7,250.59	6,563.00	6,439.85	230.08	31.24	-47.28	-1,796.11	318.68	7,161.23	7,083.05	78.18	91.597		
15,200.00	7,250.81	6,563.00	6,439.85	232.90	31.24	-47.28	-1,796.11	318.68	7,259.94	7,181.72	78.22	92.812		
15,300.00	7,251.02	6,563.00	6,439.85	235.72	31.24	-47.28	-1,796.11	318.68	7,358.68	7,280.42	78.26	94.024		
15,400.00	7,251.23	6,563.00	6,439.85	238.55	31.24	-47.28	-1,796.11	318.68	7,457.45	7,379.15	78.31	95.235		
15,500.00	7,251.45	6,563.00	6,439.85	241.37	31.24	-47.28	-1,796.11	318.68	7,556.26	7,477.91	78.35	96.443		
15,600.00	7,251.66	6,563.00	6,439.85	244.20	31.24	-47.28	-1,796.11	318.68	7,655.10	7,576.70	78.39	97.649		
15,700.00	7,251.87	6,563.00	6,439.85	247.03	31.24	-47.28	-1,796.11	318.68	7,753.96	7,675.52	78.44	98.853		
15,800.00	7,252.09	6,563.00	6,439.85	249.85	31.24	-47.28	-1,796.11	318.68	7,852.86	7,774.37	78.49	100.054		
15,900.00	7,252.30	6,563.00	6,439.85	252.68	31.24	-47.28	-1,796.11	318.68	7,951.78	7,873.25	78.53	101.253		
16,000.00	7,252.51	6,563.00	6,439.85	255.51	31.24	-47.28	-1,796.11	318.68	8,050.73	7,972.15	78.58	102.450		
16,100.00	7,252.72	6,563.00	6,439.85	258.34	31.24	-47.28	-1,796.11	318.68	8,149.71	8,071.07	78.63	103.644		
16,200.00	7,252.94	6,563.00	6,439.85	261.17	31.24	-47.28	-1,796.11	318.68	8,248.71	8,170.02	78.68	104.835		
16,300.00	7,253.15	6,563.00	6,439.85	264.00	31.24	-47.28	-1,796.11	318.68	8,347.73	8,269.00	78.73	106.024		
16,400.00	7,253.36	6,563.00	6,439.85	266.83	31.24	-47.28	-1,796.11	318.68	8,446.78	8,367.99	78.79	107.211		
16,500.00	7,253.58	6,563.00	6,439.85	269.66	31.24	-47.28	-1,796.11	318.68	8,545.85	8,467.01	78.84	108.395		
16,600.00	7,253.79	6,563.00	6,439.85	272.50	31.24	-47.28	-1,796.11	318.68	8,644.94	8,566.04	78.89	109.576		
16,700.00	7,254.00	6,563.00	6,439.85	275.33	31.24	-47.28	-1,796.11	318.68	8,744.05	8,665.10	78.95	110.754		
16,800.00	7,254.22	6,563.00	6,439.85	278.16	31.24	-47.28	-1,796.11	318.68	8,843.18	8,764.17	79.01	111.930		
16,900.00	7,254.43	6,563.00	6,439.85	281.00	31.24	-47.28	-1,796.11	318.68	8,942.33	8,863.27	79.06	113.103		
17,000.00	7,254.64	6,563.00	6,439.85	283.83	31.24	-47.28	-1,796.11	318.68	9,041.50	8,962.38	79.12	114.273		
17,100.00	7,254.85	6,563.00	6,439.85	286.67	31.24	-47.28	-1,796.11	318.68	9,140.69	9,061.51	79.18	115.441		
17,200.00	7,255.07	6,563.00	6,439.85	289.50	31.24	-47.28	-1,796.11	318.68	9,239.89	9,160.65	79.24	116.605		
17,300.00	7,255.28	6,563.00	6,439.85	292.34	31.24	-47.28	-1,796.11	318.68	9,339.11	9,259.81	79.30	117.767		
17,400.00	7,255.49	6,563.00	6,439.85	295.17	31.24	-47.28	-1,796.11	318.68	9,438.35	9,358.99	79.36	118.926		
17,500.00	7,255.71	6,563.00	6,439.85	298.01	31.24	-47.28	-1,796.11	318.68	9,537.61	9,458.18	79.43	120.082		
17,600.00	7,255.92	6,563.00	6,439.85	300.85	31.24	-47.28	-1,796.11	318.68	9,636.88	9,557.39	79.49	121.235		
17,700.00	7,256.13	6,563.00	6,439.85	303.68	31.24	-47.28	-1,796.11	318.68	9,736.16	9,656.61	79.55	122.385		
17,800.00	7,256.35	6,563.00	6,439.85	306.52	31.24	-47.28	-1,796.11	318.68	9,835.46	9,755.84	79.62	123.532		
17,900.00	7,256.56	6,563.00	6,439.85	309.36	31.24	-47.28	-1,796.11	318.68	9,934.77	9,855.09	79.68	124.676		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 36N-7B-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 249-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	143.05	-672.87	506.15	842.06					
100.00	100.00	90.51	90.51	3.28	3.29	143.03	-672.63	506.34	841.91	835.34	6.57	128.130		
200.00	200.00	192.20	192.19	3.34	3.31	142.96	-671.77	507.00	841.63	834.98	6.64	126.673		
300.00	300.00	290.04	290.01	3.44	3.36	142.84	-670.47	508.11	841.25	834.45	6.80	123.636		
400.00	399.98	383.02	382.98	3.60	3.47	17.75	-669.52	509.82	839.89	832.82	7.07	118.831		
500.00	499.84	477.01	476.94	3.79	3.63	17.74	-669.11	512.06	836.00	828.59	7.42	112.722		
600.00	599.45	571.41	571.33	4.03	3.81	17.91	-670.04	513.52	829.42	821.57	7.84	105.772		
700.00	698.70	662.24	662.12	4.30	4.02	18.29	-672.52	514.01	820.33	812.00	8.32	98.565		
800.00	797.47	747.64	747.39	4.61	4.24	18.88	-677.08	513.40	809.33	800.49	8.85	91.476		
900.00	895.62	829.85	829.26	4.95	4.48	19.74	-684.31	511.70	797.17	787.75	9.41	84.689		
1,000.00	993.06	913.81	912.50	5.33	4.73	20.94	-694.62	508.31	783.76	773.73	10.03	78.165		
1,100.00	1,090.08	989.75	987.34	5.74	4.98	22.20	-706.78	504.05	771.43	760.77	10.66	72.386		
1,200.00	1,187.11	1,080.68	1,076.48	6.17	5.30	23.89	-723.78	498.18	761.58	750.22	11.36	67.034		
1,300.00	1,284.14	1,171.41	1,165.32	6.61	5.64	25.62	-741.26	492.49	753.13	741.03	12.10	62.262		
1,400.00	1,381.17	1,258.90	1,250.94	7.07	5.98	27.29	-758.64	487.78	746.43	733.58	12.85	58.092		
1,500.00	1,478.20	1,347.65	1,337.51	7.55	6.35	29.05	-777.53	482.87	741.75	728.12	13.63	54.431		
1,600.00	1,575.23	1,442.29	1,429.60	8.03	6.75	31.01	-798.59	477.19	738.69	724.24	14.45	51.125		
1,700.00	1,672.26	1,537.13	1,521.79	8.52	7.17	33.04	-819.98	470.88	736.66	721.37	15.29	48.177		
1,800.00	1,769.29	1,630.80	1,612.71	9.01	7.59	35.08	-841.52	464.32	735.97	719.83	16.14	45.592		
1,801.27	1,770.52	1,632.00	1,613.87	9.02	7.60	35.11	-841.79	464.25	735.97	719.81	16.15	45.562		
1,900.00	1,866.32	1,725.98	1,705.27	9.51	8.03	37.03	-863.10	459.43	736.53	719.52	17.01	43.294		
2,000.00	1,963.35	1,821.91	1,798.66	10.02	8.48	38.91	-884.71	455.46	738.11	720.22	17.90	41.243		
2,100.00	2,060.38	1,925.34	1,899.49	10.53	8.96	40.84	-907.49	452.21	740.29	721.46	18.83	39.315		
2,200.00	2,157.41	2,027.91	1,999.66	11.04	9.44	42.79	-929.20	448.20	742.26	722.50	19.77	37.546		
2,300.00	2,254.44	2,129.47	2,098.77	11.56	9.93	44.86	-950.45	442.00	744.50	723.78	20.72	35.938		
2,400.00	2,351.47	2,242.89	2,209.88	12.07	10.47	47.09	-972.39	435.96	746.22	724.49	21.73	34.335		
2,500.00	2,448.50	2,343.48	2,308.72	12.59	10.94	49.01	-990.38	430.98	747.40	724.72	22.69	32.947		
2,600.00	2,545.53	2,443.79	2,407.32	13.12	11.41	50.90	-1,008.24	426.21	749.35	725.71	23.64	31.696		
2,700.00	2,642.56	2,544.30	2,506.39	13.64	11.88	52.75	-1,024.63	421.90	750.60	725.99	24.60	30.507		
2,800.00	2,739.59	2,635.53	2,596.09	14.17	12.31	54.40	-1,040.79	418.19	753.99	728.47	25.52	29.544		
2,900.00	2,836.62	2,733.03	2,692.13	14.69	12.77	56.13	-1,057.23	414.59	757.31	730.83	26.48	28.601		
3,000.00	2,933.65	2,819.23	2,776.73	15.22	13.19	57.72	-1,073.20	410.30	763.03	735.66	27.37	27.878		
3,100.00	3,030.68	2,921.82	2,877.46	15.75	13.68	59.58	-1,091.97	405.20	769.33	740.96	28.37	27.114		
3,200.00	3,127.71	3,035.06	2,988.81	16.28	14.22	61.60	-1,111.83	399.83	775.72	746.27	29.45	26.342		
3,300.00	3,224.74	3,126.70	3,079.24	16.82	14.66	63.17	-1,126.13	396.07	780.81	750.42	30.39	25.696		
3,400.00	3,321.76	3,206.50	3,157.66	17.35	15.04	64.52	-1,140.53	392.68	788.89	757.65	31.24	25.252		
3,500.00	3,418.79	3,312.11	3,261.22	17.88	15.55	66.15	-1,161.00	389.45	798.76	766.47	32.28	24.742		
3,600.00	3,515.82	3,417.34	3,364.85	18.42	16.06	67.74	-1,179.07	386.76	806.83	773.51	33.32	24.213		
3,700.00	3,612.85	3,508.46	3,454.51	18.95	16.50	69.11	-1,195.02	383.97	815.94	781.68	34.26	23.815		
3,800.00	3,709.88	3,600.34	3,544.82	19.49	16.94	70.47	-1,211.73	380.91	826.31	791.10	35.21	23.469		
3,900.00	3,806.91	3,699.62	3,642.33	20.02	17.43	71.93	-1,229.97	377.18	837.53	801.31	36.22	23.126		
4,000.00	3,903.94	3,793.59	3,734.69	20.56	17.88	73.32	-1,246.78	373.01	849.05	811.87	37.18	22.835		
4,100.00	4,000.97	3,870.89	3,810.49	21.09	18.27	74.42	-1,261.54	369.53	862.29	824.29	38.00	22.691		
4,200.00	4,098.00	3,945.97	3,883.64	21.63	18.65	75.45	-1,277.94	365.62	878.71	839.94	38.78	22.660		
4,300.00	4,195.03	4,033.60	3,968.66	22.17	19.10	76.56	-1,298.73	361.10	897.28	857.60	39.68	22.614		
4,400.00	4,292.06	4,136.71	4,068.76	22.71	19.63	77.89	-1,322.63	354.85	916.17	875.42	40.75	22.483		
4,500.00	4,389.09	4,261.22	4,190.07	23.25	20.26	79.49	-1,349.50	346.94	934.33	892.30	42.03	22.228		
4,600.00	4,486.12	4,388.21	4,314.88	23.78	20.88	81.20	-1,371.50	339.00	948.94	905.64	43.30	21.916		
4,700.00	4,583.15	4,487.97	4,413.19	24.32	21.36	82.48	-1,387.58	333.67	962.65	918.33	44.32	21.722		
4,800.00	4,680.18	4,576.05	4,499.90	24.86	21.79	83.52	-1,402.57	329.77	977.11	931.87	45.23	21.601		
4,900.00	4,777.21	4,678.63	4,600.81	25.40	22.29	84.64	-1,420.58	325.86	992.09	945.81	46.28	21.437		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Fagerberg 36N-7B-M - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 249-MWD+IFR1															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
5,000.00	4,874.24	4,780.41	4,701.10	25.94	22.78	85.83	-1,437.13	320.61	1,007.05	959.74	47.31	21.284					
5,100.00	4,971.27	4,901.40	4,820.70	26.48	23.35	87.31	-1,454.05	313.97	1,020.69	972.20	48.49	21.048					
5,200.00	5,068.30	5,016.97	4,935.29	27.02	23.88	88.77	-1,467.53	307.24	1,033.17	983.56	49.61	20.826					
5,300.00	5,165.33	5,125.28	5,042.91	27.56	24.37	90.11	-1,478.61	302.13	1,044.30	993.64	50.66	20.613					
5,400.00	5,262.36	5,253.23	5,170.27	28.10	24.93	91.72	-1,489.32	296.23	1,054.51	1,002.70	51.81	20.353					
5,500.00	5,359.39	5,406.17	5,323.02	28.64	25.56	93.80	-1,493.96	290.83	1,060.19	1,007.22	52.97	20.015					
5,600.00	5,456.42	5,508.30	5,425.11	29.18	25.95	95.22	-1,494.33	288.15	1,064.18	1,010.24	53.93	19.732					
5,700.00	5,553.45	5,616.95	5,533.74	29.72	26.37	96.71	-1,494.44	285.92	1,068.24	1,013.34	54.90	19.459					
5,800.00	5,650.47	5,706.07	5,622.84	30.27	26.70	97.94	-1,494.10	284.00	1,072.63	1,016.82	55.82	19.217					
5,900.00	5,747.50	5,827.44	5,744.18	30.81	27.15	99.62	-1,492.73	281.92	1,076.83	1,020.04	56.79	18.962					
6,000.00	5,844.53	5,931.66	5,848.38	31.35	27.53	100.98	-1,491.32	282.27	1,080.06	1,022.34	57.71	18.714					
6,100.00	5,941.56	6,025.34	5,942.06	31.89	27.86	102.16	-1,490.40	282.98	1,083.79	1,025.16	58.63	18.487					
6,200.00	6,038.59	6,117.79	6,034.50	32.43	28.20	103.34	-1,489.52	283.26	1,088.40	1,028.87	59.53	18.283					
6,300.00	6,135.62	6,212.72	6,129.42	32.97	28.54	104.57	-1,488.30	282.75	1,093.95	1,033.51	60.43	18.101					
6,400.00	6,232.65	7,663.72	7,061.58	33.51	36.43	77.04	-1,472.43	1,091.32	1,078.20	1,038.79	39.41	27.358					
6,500.00	6,329.68	7,676.66	7,061.86	34.06	36.62	75.89	-1,473.10	1,104.24	996.22	953.64	42.58	23.396					
6,600.00	6,426.71	7,698.00	7,062.61	34.60	36.93	73.97	-1,474.29	1,125.54	917.51	871.35	46.17	19.873					
6,655.36	6,480.43	7,701.27	7,062.75	34.90	36.99	73.67	-1,474.48	1,128.80	875.56	827.20	48.36	18.105					
6,700.00	6,524.01	7,716.44	7,063.36	35.13	37.23	55.78	-1,475.30	1,143.94	842.40	792.18	50.22	16.773					
6,750.00	6,573.29	7,726.95	7,063.74	35.36	37.40	27.48	-1,475.82	1,154.43	805.81	753.44	52.37	15.387					
6,800.00	6,622.76	7,731.02	7,063.89	35.56	37.47	-7.82	-1,476.01	1,158.49	770.26	715.70	54.56	14.119					
6,850.00	6,672.13	7,729.07	7,063.82	35.73	37.44	-37.20	-1,475.92	1,156.54	736.20	679.44	56.76	12.970					
6,900.00	6,721.08	7,721.52	7,063.55	35.88	37.31	-55.67	-1,475.56	1,149.01	704.06	645.10	58.96	11.942					
6,950.00	6,769.31	7,708.81	7,063.06	36.03	37.11	-66.82	-1,474.90	1,136.32	674.19	613.08	61.11	11.033					
7,000.00	6,816.53	7,698.00	7,062.61	36.18	36.93	-74.35	-1,474.29	1,125.54	646.90	583.72	63.18	10.238					
7,050.00	6,862.44	7,681.62	7,062.00	36.34	36.69	-79.06	-1,473.37	1,109.20	622.56	557.44	65.12	9.560					
7,100.00	6,906.77	7,665.21	7,061.60	36.50	36.45	-82.30	-1,472.50	1,092.81	601.49	534.62	66.87	8.995					
7,150.00	6,949.23	7,644.95	7,061.40	36.68	36.16	-84.17	-1,471.50	1,072.58	583.81	515.47	68.34	8.542					
7,200.00	6,989.58	7,620.73	7,061.58	36.87	35.81	-84.99	-1,470.42	1,048.38	569.52	500.02	69.50	8.194					
7,250.00	7,027.55	7,592.32	7,062.28	37.09	35.42	-84.96	-1,469.30	1,020.01	558.44	488.10	70.34	7.939					
7,300.00	7,062.91	7,561.40	7,062.68	37.32	35.02	-84.34	-1,468.33	989.11	550.32	479.40	70.92	7.760					
7,350.00	7,095.45	7,529.27	7,062.42	37.59	34.61	-83.32	-1,467.60	956.99	544.95	473.71	71.24	7.649					
7,400.00	7,124.97	7,496.76	7,061.42	37.88	34.22	-82.02	-1,467.18	924.50	542.11	470.76	71.36	7.597					
7,434.32	7,143.38	7,475.14	7,060.02	38.11	33.99	-81.04	-1,467.08	902.93	541.56	470.19	71.37	7.588 CC, ES, SF					
7,450.00	7,151.28	7,465.30	7,059.15	38.21	33.88	-80.56	-1,467.09	893.12	541.67	470.33	71.34	7.593					
7,500.00	7,174.22	7,434.04	7,055.49	38.58	33.54	-78.91	-1,467.35	862.08	543.48	472.29	71.19	7.634					
7,550.00	7,193.65	7,403.49	7,050.55	38.98	33.23	-77.15	-1,467.92	831.94	547.34	476.38	70.97	7.713					
7,600.00	7,209.45	7,374.08	7,044.47	39.43	32.97	-75.32	-1,468.85	803.19	553.12	482.39	70.74	7.819					
7,650.00	7,221.52	7,344.90	7,037.12	39.91	32.71	-73.42	-1,470.14	774.97	560.62	490.12	70.50	7.952					
7,700.00	7,229.79	7,315.15	7,028.33	40.42	32.47	-71.43	-1,471.83	746.61	569.60	499.31	70.30	8.103					
7,750.00	7,234.21	7,278.89	7,016.27	40.97	32.23	-69.22	-1,474.11	712.49	579.49	509.37	70.11	8.265					
7,780.56	7,235.00	7,256.70	7,008.28	41.32	32.10	-67.91	-1,475.55	691.84	585.76	515.72	70.03	8.364					
7,800.00	7,235.04	7,242.66	7,002.99	41.54	32.02	-67.46	-1,476.47	678.86	589.88	519.89	69.99	8.428					
7,900.00	7,235.26	7,177.71	6,975.37	42.82	31.75	-65.11	-1,480.64	620.27	614.34	544.47	69.87	8.793					
8,000.00	7,235.47	7,118.74	6,944.41	44.25	31.56	-62.56	-1,483.72	570.22	645.21	575.50	69.71	9.256					
8,100.00	7,235.68	7,055.53	6,904.86	45.82	31.39	-59.34	-1,484.03	520.97	681.89	612.60	69.28	9.842					
8,200.00	7,235.90	7,013.26	6,875.14	47.52	31.28	-56.96	-1,482.28	490.98	724.99	655.85	69.14	10.485					
8,300.00	7,236.11	6,980.90	6,851.31	49.34	31.19	-55.17	-1,481.72	469.10	775.52	706.30	69.22	11.204					
8,400.00	7,236.32	6,939.00	6,819.32	51.25	31.08	-52.96	-1,482.46	442.06	832.72	763.63	69.09	12.053					
8,500.00	7,236.54	6,918.13	6,802.89	53.26	31.02	-51.89	-1,483.12	429.21	894.96	825.60	69.36	12.903					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 36N-7B-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 249-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,600.00	7,236.75	6,885.42	6,776.39	55.34	30.92	-50.20	-1,483.72	410.04	961.61	892.24	69.37	13.862		
8,700.00	7,236.96	6,845.00	6,742.49	57.50	30.80	-48.13	-1,483.70	388.05	1,032.09	962.87	69.22	14.911		
8,800.00	7,237.17	6,845.00	6,742.49	59.71	30.80	-48.13	-1,483.70	388.05	1,105.76	1,036.09	69.67	15.871		
8,900.00	7,237.39	6,814.32	6,715.91	61.98	30.70	-46.57	-1,483.35	372.74	1,182.26	1,112.63	69.63	16.979		
9,000.00	7,237.60	6,797.23	6,700.79	64.29	30.65	-45.72	-1,483.13	364.77	1,261.50	1,191.75	69.75	18.087		
9,100.00	7,237.81	6,781.79	6,686.95	66.65	30.60	-44.96	-1,482.91	357.93	1,342.96	1,273.11	69.85	19.225		
9,200.00	7,238.03	6,751.00	6,658.87	69.05	30.50	-43.47	-1,482.44	345.31	1,426.64	1,356.86	69.78	20.445		
9,300.00	7,238.24	6,751.00	6,658.87	71.48	30.50	-43.47	-1,482.44	345.31	1,511.39	1,441.40	70.00	21.592		
9,400.00	7,238.45	6,751.00	6,658.87	73.95	30.50	-43.47	-1,482.44	345.31	1,597.91	1,527.74	70.17	22.773		
9,500.00	7,238.67	6,751.00	6,658.87	76.44	30.50	-43.47	-1,482.44	345.31	1,685.91	1,615.62	70.30	23.983		
9,600.00	7,238.88	6,718.76	6,628.93	78.96	30.39	-41.97	-1,482.14	333.38	1,774.26	1,704.05	70.21	25.271		
9,700.00	7,239.09	6,708.09	6,618.92	81.50	30.35	-41.50	-1,482.14	329.67	1,863.93	1,793.67	70.26	26.530		
9,800.00	7,239.30	6,698.10	6,609.51	84.06	30.31	-41.06	-1,482.19	326.32	1,954.43	1,884.13	70.30	27.801		
9,900.00	7,239.52	6,688.72	6,600.65	86.64	30.28	-40.66	-1,482.27	323.26	2,045.65	1,975.31	70.34	29.082		
10,000.00	7,239.73	6,656.00	6,569.46	89.23	30.17	-39.31	-1,482.88	313.36	2,138.01	2,067.72	70.29	30.418		
10,100.00	7,239.94	6,656.00	6,569.46	91.85	30.17	-39.31	-1,482.88	313.36	2,230.19	2,159.82	70.36	31.696		
10,200.00	7,240.16	6,656.00	6,569.46	94.47	30.17	-39.31	-1,482.88	313.36	2,323.01	2,252.59	70.42	32.986		
10,300.00	7,240.37	6,656.00	6,569.46	97.11	30.17	-39.31	-1,482.88	313.36	2,416.41	2,345.93	70.47	34.288		
10,400.00	7,240.58	6,656.00	6,569.46	99.76	30.17	-39.31	-1,482.88	313.36	2,510.31	2,439.79	70.52	35.598		
10,500.00	7,240.80	6,656.00	6,569.46	102.43	30.17	-39.31	-1,482.88	313.36	2,604.67	2,534.11	70.56	36.917		
10,600.00	7,241.01	6,656.00	6,569.46	105.10	30.17	-39.31	-1,482.88	313.36	2,699.44	2,628.85	70.59	38.242		
10,700.00	7,241.22	6,656.00	6,569.46	107.79	30.17	-39.31	-1,482.88	313.36	2,794.56	2,723.95	70.62	39.574		
10,800.00	7,241.43	6,621.47	6,536.19	110.48	30.04	-37.97	-1,483.67	304.17	2,889.19	2,818.59	70.60	40.923		
10,900.00	7,241.65	6,615.54	6,530.45	113.18	30.02	-37.74	-1,483.79	302.72	2,984.64	2,914.02	70.62	42.261		
11,000.00	7,241.86	6,609.92	6,524.99	115.89	30.00	-37.53	-1,483.89	301.38	3,080.34	3,009.69	70.65	43.601		
11,100.00	7,242.07	6,604.57	6,519.79	118.60	29.98	-37.33	-1,483.98	300.14	3,176.26	3,105.59	70.67	44.944		
11,200.00	7,242.29	6,599.48	6,514.83	121.32	29.96	-37.14	-1,484.07	298.98	3,272.39	3,201.69	70.69	46.289		
11,300.00	7,242.50	6,562.00	6,478.14	124.05	29.83	-35.78	-1,484.56	291.33	3,369.43	3,298.74	70.69	47.665		
11,400.00	7,242.71	6,562.00	6,478.14	126.78	29.83	-35.78	-1,484.56	291.33	3,465.74	3,395.02	70.72	49.006		
11,500.00	7,242.93	6,562.00	6,478.14	129.52	29.83	-35.78	-1,484.56	291.33	3,562.25	3,491.50	70.75	50.349		
11,600.00	7,243.14	6,562.00	6,478.14	132.27	29.83	-35.78	-1,484.56	291.33	3,658.95	3,588.17	70.78	51.695		
11,700.00	7,243.35	6,562.00	6,478.14	135.02	29.83	-35.78	-1,484.56	291.33	3,755.82	3,685.01	70.81	53.042		
11,800.00	7,243.57	6,562.00	6,478.14	137.77	29.83	-35.78	-1,484.56	291.33	3,852.85	3,782.01	70.84	54.390		
11,900.00	7,243.78	6,562.00	6,478.14	140.53	29.83	-35.78	-1,484.56	291.33	3,950.03	3,879.16	70.87	55.740		
12,000.00	7,243.99	6,562.00	6,478.14	143.29	29.83	-35.78	-1,484.56	291.33	4,047.34	3,976.45	70.89	57.091		
12,100.00	7,244.20	6,562.00	6,478.14	146.05	29.83	-35.78	-1,484.56	291.33	4,144.79	4,073.87	70.92	58.442		
12,200.00	7,244.42	6,562.00	6,478.14	148.82	29.83	-35.78	-1,484.56	291.33	4,242.35	4,171.40	70.95	59.793		
12,300.00	7,244.63	6,562.00	6,478.14	151.60	29.83	-35.78	-1,484.56	291.33	4,340.03	4,269.05	70.98	61.145		
12,400.00	7,244.84	6,562.00	6,478.14	154.37	29.83	-35.78	-1,484.56	291.33	4,437.80	4,366.79	71.01	62.496		
12,500.00	7,245.06	6,562.00	6,478.14	157.15	29.83	-35.78	-1,484.56	291.33	4,535.68	4,464.64	71.04	63.848		
12,600.00	7,245.27	6,562.00	6,478.14	159.93	29.83	-35.78	-1,484.56	291.33	4,633.64	4,562.57	71.07	65.198		
12,700.00	7,245.48	6,562.00	6,478.14	162.71	29.83	-35.78	-1,484.56	291.33	4,731.69	4,660.59	71.10	66.549		
12,800.00	7,245.70	6,562.00	6,478.14	165.50	29.83	-35.78	-1,484.56	291.33	4,829.82	4,758.69	71.13	67.898		
12,900.00	7,245.91	6,562.00	6,478.14	168.29	29.83	-35.78	-1,484.56	291.33	4,928.03	4,856.86	71.17	69.246		
13,000.00	7,246.12	6,562.00	6,478.14	171.08	29.83	-35.78	-1,484.56	291.33	5,026.30	4,955.10	71.20	70.594		
13,100.00	7,246.33	6,562.00	6,478.14	173.87	29.83	-35.78	-1,484.56	291.33	5,124.65	5,053.41	71.23	71.940		
13,200.00	7,246.55	6,562.00	6,478.14	176.67	29.83	-35.78	-1,484.56	291.33	5,223.05	5,151.78	71.27	73.285		
13,300.00	7,246.76	6,562.00	6,478.14	179.47	29.83	-35.78	-1,484.56	291.33	5,321.52	5,250.21	71.31	74.628		
13,400.00	7,246.97	6,562.00	6,478.14	182.27	29.83	-35.78	-1,484.56	291.33	5,420.04	5,348.70	71.34	75.970		
13,500.00	7,247.19	6,562.00	6,478.14	185.07	29.83	-35.78	-1,484.56	291.33	5,518.61	5,447.23	71.38	77.310		
13,600.00	7,247.40	6,562.00	6,478.14	187.87	29.83	-35.78	-1,484.56	291.33	5,617.24	5,545.82	71.42	78.649		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Fagerberg 36N-7B-M - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 249-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,247.61	6,562.00	6,478.14	190.68	29.83	-35.78	-1,484.56	291.33	5,715.91	5,644.45	71.46	79.986		
13,800.00	7,247.83	6,562.00	6,478.14	193.48	29.83	-35.78	-1,484.56	291.33	5,814.63	5,743.13	71.50	81.320		
13,900.00	7,248.04	6,562.00	6,478.14	196.29	29.83	-35.78	-1,484.56	291.33	5,913.39	5,841.85	71.54	82.653		
14,000.00	7,248.25	6,562.00	6,478.14	199.10	29.83	-35.78	-1,484.56	291.33	6,012.19	5,940.61	71.59	83.983		
14,100.00	7,248.46	6,562.00	6,478.14	201.91	29.83	-35.78	-1,484.56	291.33	6,111.03	6,039.40	71.63	85.312		
14,200.00	7,248.68	6,562.00	6,478.14	204.72	29.83	-35.78	-1,484.56	291.33	6,209.91	6,138.24	71.68	86.638		
14,300.00	7,248.89	6,562.00	6,478.14	207.53	29.83	-35.78	-1,484.56	291.33	6,308.83	6,237.10	71.72	87.961		
14,400.00	7,249.10	6,562.00	6,478.14	210.35	29.83	-35.78	-1,484.56	291.33	6,407.77	6,336.00	71.77	89.283		
14,500.00	7,249.32	6,562.00	6,478.14	213.16	29.83	-35.78	-1,484.56	291.33	6,506.75	6,434.94	71.82	90.601		
14,600.00	7,249.53	6,562.00	6,478.14	215.98	29.83	-35.78	-1,484.56	291.33	6,605.76	6,533.90	71.87	91.917		
14,700.00	7,249.74	6,562.00	6,478.14	218.80	29.83	-35.78	-1,484.56	291.33	6,704.80	6,632.89	71.92	93.231		
14,800.00	7,249.96	6,562.00	6,478.14	221.62	29.83	-35.78	-1,484.56	291.33	6,803.87	6,731.90	71.97	94.542		
14,900.00	7,250.17	6,562.00	6,478.14	224.44	29.83	-35.78	-1,484.56	291.33	6,902.97	6,830.95	72.02	95.850		
15,000.00	7,250.38	6,562.00	6,478.14	227.26	29.83	-35.78	-1,484.56	291.33	7,002.09	6,930.01	72.07	97.155		
15,100.00	7,250.59	6,562.00	6,478.14	230.08	29.83	-35.78	-1,484.56	291.33	7,101.23	7,029.11	72.12	98.458		
15,200.00	7,250.81	6,562.00	6,478.14	232.90	29.83	-35.78	-1,484.56	291.33	7,200.40	7,128.22	72.18	99.757		
15,300.00	7,251.02	6,562.00	6,478.14	235.72	29.83	-35.78	-1,484.56	291.33	7,299.59	7,227.36	72.23	101.054		
15,400.00	7,251.23	6,562.00	6,478.14	238.55	29.83	-35.78	-1,484.56	291.33	7,398.80	7,326.51	72.29	102.347		
15,500.00	7,251.45	6,562.00	6,478.14	241.37	29.83	-35.78	-1,484.56	291.33	7,498.04	7,425.69	72.35	103.638		
15,600.00	7,251.66	6,562.00	6,478.14	244.20	29.83	-35.78	-1,484.56	291.33	7,597.29	7,524.89	72.41	104.925		
15,700.00	7,251.87	6,562.00	6,478.14	247.03	29.83	-35.78	-1,484.56	291.33	7,696.57	7,624.10	72.47	106.209		
15,800.00	7,252.09	6,562.00	6,478.14	249.85	29.83	-35.78	-1,484.56	291.33	7,795.86	7,723.33	72.53	107.490		
15,900.00	7,252.30	6,562.00	6,478.14	252.68	29.83	-35.78	-1,484.56	291.33	7,895.17	7,822.58	72.59	108.768		
16,000.00	7,252.51	6,562.00	6,478.14	255.51	29.83	-35.78	-1,484.56	291.33	7,994.49	7,921.85	72.65	110.043		
16,100.00	7,252.72	6,562.00	6,478.14	258.34	29.83	-35.78	-1,484.56	291.33	8,093.84	8,021.13	72.71	111.314		
16,200.00	7,252.94	6,518.27	6,434.87	261.17	29.67	-34.28	-1,485.00	285.13	8,191.22	8,118.42	72.80	112.523		
16,300.00	7,253.15	6,517.71	6,434.31	264.00	29.66	-34.26	-1,485.00	285.08	8,290.54	8,217.68	72.86	113.786		
16,400.00	7,253.36	6,517.15	6,433.76	266.83	29.66	-34.25	-1,485.01	285.02	8,389.88	8,316.96	72.93	115.046		
16,500.00	7,253.58	6,516.61	6,433.22	269.66	29.66	-34.23	-1,485.02	284.97	8,489.24	8,416.25	72.99	116.303		
16,600.00	7,253.79	6,516.08	6,432.69	272.50	29.66	-34.21	-1,485.02	284.92	8,588.61	8,515.55	73.06	117.556		
16,700.00	7,254.00	6,515.56	6,432.18	275.33	29.66	-34.19	-1,485.03	284.87	8,687.99	8,614.86	73.13	118.806		
16,800.00	7,254.22	6,515.06	6,431.67	278.16	29.65	-34.18	-1,485.03	284.83	8,787.39	8,714.19	73.20	120.052		
16,900.00	7,254.43	6,514.56	6,431.18	281.00	29.65	-34.16	-1,485.04	284.78	8,886.80	8,813.53	73.27	121.294		
17,000.00	7,254.64	6,514.07	6,430.69	283.83	29.65	-34.14	-1,485.04	284.73	8,986.22	8,912.88	73.34	122.533		
17,100.00	7,254.85	6,513.60	6,430.22	286.67	29.65	-34.13	-1,485.05	284.69	9,085.65	9,012.25	73.41	123.769		
17,200.00	7,255.07	6,513.13	6,429.75	289.50	29.65	-34.11	-1,485.05	284.65	9,185.10	9,111.62	73.48	125.001		
17,300.00	7,255.28	6,512.67	6,429.30	292.34	29.65	-34.10	-1,485.06	284.61	9,284.56	9,211.01	73.55	126.229		
17,400.00	7,255.49	6,512.23	6,428.85	295.17	29.64	-34.08	-1,485.06	284.57	9,384.03	9,310.40	73.63	127.453		
17,500.00	7,255.71	6,468.00	6,384.69	298.01	29.48	-32.68	-1,485.52	282.60	9,485.48	9,411.76	73.72	128.669		
17,600.00	7,255.92	6,468.00	6,384.69	300.85	29.48	-32.68	-1,485.52	282.60	9,584.93	9,511.13	73.79	129.886		
17,700.00	7,256.13	6,468.00	6,384.69	303.68	29.48	-32.68	-1,485.52	282.60	9,684.39	9,610.52	73.87	131.100		
17,800.00	7,256.35	6,468.00	6,384.69	306.52	29.48	-32.68	-1,485.52	282.60	9,783.86	9,709.92	73.95	132.309		
17,900.00	7,256.56	6,468.00	6,384.69	309.36	29.48	-32.68	-1,485.52	282.60	9,883.35	9,809.32	74.02	133.515		
18,000.00	7,256.77	6,468.00	6,384.69	312.20	29.48	-32.68	-1,485.52	282.60	9,982.84	9,908.74	74.10	134.717		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 3C-18-M - OH - OH													Offset Well Error:	0.00 ft
Survey Program: 141-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	0.00	136.42	-532.97	507.26	735.87					
100.00	100.00	87.61	87.61	3.28	0.19	136.39	-532.78	507.59	735.87	732.39	3.48	211.642		
200.00	200.00	176.90	176.89	3.34	0.47	136.29	-532.29	508.80	736.45	732.63	3.82	192.978		
300.00	300.00	255.60	255.51	3.44	0.82	136.11	-532.42	512.19	739.55	735.23	4.32	171.321		
400.00	399.98	334.58	334.26	3.60	1.18	10.82	-533.16	518.13	743.75	738.89	4.87	152.800		
500.00	499.84	408.19	407.41	3.79	1.52	10.51	-534.73	526.12	747.74	742.28	5.46	136.911		
600.00	599.45	482.32	480.76	4.03	1.86	10.18	-537.70	536.40	751.81	745.71	6.10	123.250		
700.00	698.70	560.75	558.03	4.30	2.22	9.91	-542.89	548.83	755.71	748.95	6.77	111.679		
800.00	797.47	645.06	640.81	4.61	2.62	9.75	-550.82	562.69	758.62	751.16	7.46	101.664		
900.00	895.62	733.91	727.83	4.95	3.06	9.77	-561.48	577.09	759.79	751.61	8.18	92.833		
1,000.00	993.06	828.70	820.46	5.33	3.53	10.06	-575.76	591.19	758.77	749.82	8.94	84.838		
1,100.00	1,090.08	940.31	929.46	5.74	4.07	10.90	-596.53	603.10	755.73	745.97	9.76	77.450		
1,200.00	1,187.11	1,072.14	1,058.25	6.17	4.68	12.55	-624.06	608.02	749.89	739.23	10.66	70.374		
1,300.00	1,284.14	1,175.16	1,158.53	6.61	5.14	14.35	-647.42	605.29	741.67	730.17	11.50	64.496		
1,400.00	1,381.17	1,261.12	1,241.49	7.07	5.52	16.14	-669.42	600.48	734.68	722.37	12.32	59.655		
1,500.00	1,478.20	1,347.85	1,324.50	7.55	5.92	18.16	-693.80	594.43	729.97	716.82	13.15	55.500		
1,600.00	1,575.23	1,438.40	1,410.69	8.03	6.35	20.39	-720.67	587.50	727.42	713.40	14.02	51.887		
1,670.65	1,643.78	1,500.59	1,469.70	8.37	6.65	21.96	-739.66	582.52	726.83	712.20	14.63	49.670 CC		
1,700.00	1,672.26	1,526.17	1,493.91	8.52	6.78	22.62	-747.66	580.40	726.94	712.05	14.89	48.829 ES		
1,800.00	1,769.29	1,621.73	1,584.19	9.01	7.26	25.11	-777.87	572.19	728.42	712.62	15.80	46.099		
1,900.00	1,866.32	1,725.18	1,682.08	9.51	7.80	27.80	-810.01	562.81	730.74	713.98	16.76	43.589		
2,000.00	1,963.35	1,823.24	1,775.30	10.02	8.32	30.28	-839.18	554.17	733.42	715.72	17.70	41.426		
2,100.00	2,060.38	1,901.08	1,849.28	10.53	8.74	32.18	-862.58	548.11	738.21	719.67	18.54	39.814		
2,200.00	2,157.41	1,979.09	1,923.02	11.04	9.18	33.94	-887.76	544.45	747.14	727.77	19.37	38.580		
2,300.00	2,254.44	2,075.99	2,014.61	11.56	9.72	35.99	-919.24	541.24	757.81	737.50	20.32	37.298		
2,400.00	2,351.47	2,178.18	2,111.40	12.07	10.30	38.03	-951.90	538.54	769.11	747.80	21.31	36.087		
2,500.00	2,448.50	2,279.97	2,208.21	12.59	10.88	39.98	-983.25	535.94	780.15	757.84	22.31	34.971		
2,600.00	2,545.53	2,375.75	2,299.37	13.12	11.42	41.74	-1,012.55	533.76	791.87	768.60	23.27	34.036		
2,700.00	2,642.56	2,475.89	2,394.54	13.64	11.98	43.67	-1,043.39	529.50	804.30	780.04	24.26	33.151		
2,800.00	2,739.59	2,572.64	2,486.71	14.17	12.53	45.43	-1,072.59	525.90	817.01	791.77	25.24	32.375		
2,900.00	2,836.62	2,666.03	2,575.68	14.69	13.06	47.02	-1,100.87	523.38	830.68	804.49	26.19	31.722		
3,000.00	2,933.65	2,759.12	2,664.30	15.22	13.59	48.52	-1,129.33	521.52	845.36	818.22	27.14	31.152		
3,100.00	3,030.68	2,853.91	2,754.43	15.75	14.13	50.00	-1,158.57	519.46	860.93	832.82	28.11	30.631		
3,200.00	3,127.71	2,943.71	2,839.66	16.28	14.64	51.49	-1,186.59	515.57	877.45	848.42	29.04	30.219		
3,300.00	3,224.74	3,031.69	2,922.94	16.82	15.15	52.88	-1,214.74	511.94	895.42	865.47	29.95	29.897		
3,400.00	3,321.76	3,129.88	3,015.74	17.35	15.72	54.37	-1,246.61	508.12	914.48	883.51	30.97	29.530		
3,500.00	3,418.79	3,226.82	3,107.54	17.88	16.28	55.73	-1,277.61	505.04	933.55	901.58	31.98	29.196		
3,600.00	3,515.82	3,320.47	3,196.17	18.42	16.83	57.02	-1,307.66	501.80	953.27	920.31	32.95	28.927		
3,700.00	3,612.85	3,435.20	3,304.99	18.95	17.49	58.59	-1,343.66	496.79	972.91	938.77	34.14	28.494		
3,800.00	3,709.88	3,543.26	3,408.08	19.49	18.11	59.96	-1,375.83	493.17	991.26	956.00	35.26	28.111		
3,900.00	3,806.91	3,648.74	3,509.09	20.02	18.70	61.16	-1,406.13	491.21	1,008.76	972.40	36.35	27.749		
4,000.00	3,903.94	3,740.06	3,596.55	20.56	19.21	62.17	-1,432.37	489.50	1,026.65	989.34	37.32	27.512		
4,100.00	4,000.97	3,840.72	3,692.88	21.09	19.78	63.32	-1,461.40	486.24	1,045.25	1,006.88	38.37	27.242		
4,200.00	4,098.00	3,933.49	3,781.94	21.63	20.30	64.36	-1,487.18	483.17	1,063.23	1,023.88	39.35	27.020		
4,300.00	4,195.03	3,999.27	3,844.66	22.17	20.67	65.07	-1,506.85	480.60	1,083.75	1,043.69	40.06	27.055		
4,400.00	4,292.06	4,067.71	3,909.35	22.71	21.07	65.80	-1,528.95	477.48	1,107.12	1,066.35	40.77	27.155		
4,500.00	4,389.09	4,141.48	3,978.52	23.25	21.51	66.56	-1,554.32	473.82	1,132.94	1,091.40	41.53	27.278		
4,600.00	4,486.12	4,219.16	4,050.90	23.78	21.99	67.31	-1,582.26	469.95	1,160.61	1,118.27	42.34	27.412		
4,700.00	4,583.15	4,308.63	4,133.85	24.32	22.54	68.12	-1,615.51	465.68	1,189.65	1,146.35	43.30	27.474		
4,800.00	4,680.18	4,417.21	4,234.78	24.86	23.21	69.03	-1,655.31	461.17	1,218.25	1,173.74	44.51	27.368		
4,900.00	4,777.21	4,524.02	4,334.46	25.40	23.86	69.88	-1,693.42	456.98	1,246.07	1,200.37	45.70	27.267		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Fagerberg 3C-18-M - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 141-MWD+IFR1													Offset Well Error:		0.00 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
5,000.00	4,874.24	4,639.21	4,442.44	25.94	24.56	70.75	-1,733.34	452.99	1,272.96	1,225.98	46.98	27.097					
5,100.00	4,971.27	4,742.23	4,539.44	26.48	25.18	71.51	-1,767.88	449.61	1,298.88	1,250.78	48.10	27.003					
5,200.00	5,068.30	4,857.19	4,648.08	27.02	25.85	72.33	-1,805.27	445.88	1,324.02	1,274.66	49.36	26.825					
5,300.00	5,165.33	4,981.21	4,765.90	27.56	26.57	73.16	-1,843.87	442.81	1,347.77	1,297.07	50.69	26.587					
5,400.00	5,262.36	5,100.62	4,880.13	28.10	27.25	73.96	-1,878.56	440.26	1,369.55	1,317.59	51.96	26.358					
5,500.00	5,359.39	5,189.72	4,965.56	28.64	27.75	74.57	-1,903.73	437.80	1,391.02	1,338.10	52.92	26.285					
5,600.00	5,456.42	5,287.29	5,058.98	29.18	28.30	75.19	-1,931.79	435.37	1,413.01	1,359.04	53.97	26.182					
5,700.00	5,553.45	5,378.99	5,146.71	29.72	28.82	75.74	-1,958.42	433.67	1,435.18	1,380.23	54.96	26.114					
5,800.00	5,650.47	5,523.42	5,285.51	30.27	29.62	76.55	-1,998.30	432.37	1,455.64	1,399.20	56.45	25.788					
5,900.00	5,747.50	5,613.29	5,372.13	30.81	30.11	77.03	-2,022.25	432.23	1,475.21	1,417.79	57.42	25.692					
6,000.00	5,844.53	5,700.53	5,456.05	31.35	30.59	77.49	-2,046.07	431.63	1,495.67	1,437.31	58.37	25.625					
6,100.00	5,941.56	5,784.69	5,536.91	31.89	31.06	77.91	-2,069.42	431.32	1,516.59	1,457.30	59.29	25.581					
6,200.00	6,038.59	5,844.85	5,594.45	32.43	31.40	78.22	-2,086.94	430.19	1,539.44	1,479.49	59.95	25.677					
6,300.00	6,135.62	5,967.27	5,711.69	32.97	32.09	78.93	-2,121.81	425.56	1,562.65	1,501.38	61.27	25.506					
6,400.00	6,232.65	6,028.57	5,770.36	33.51	32.44	79.28	-2,139.39	423.00	1,586.35	1,524.42	61.94	25.613					
6,500.00	6,329.68	6,104.70	5,842.74	34.06	32.88	79.67	-2,162.79	419.91	1,611.95	1,549.19	62.76	25.686					
6,600.00	6,426.71	6,270.01	6,000.79	34.60	33.82	80.47	-2,210.93	415.51	1,635.29	1,570.76	64.54	25.339					
6,655.36	6,480.43	6,304.68	6,034.01	34.90	34.01	80.62	-2,220.84	415.01	1,647.86	1,582.94	64.92	25.382					
6,700.00	6,524.01	6,333.21	6,061.24	35.13	34.17	80.63	-2,229.32	414.60	1,657.77	1,592.55	65.22	25.418					
6,750.00	6,573.29	6,366.83	6,093.25	35.36	34.37	80.63	-2,239.61	414.07	1,667.62	1,602.09	65.53	25.447					
6,800.00	6,622.76	6,400.53	6,125.22	35.56	34.56	80.63	-2,250.22	413.47	1,676.09	1,610.29	65.80	25.471					
6,850.00	6,672.13	6,439.27	6,161.88	35.73	34.79	80.63	-2,262.75	412.69	1,683.11	1,617.01	66.10	25.463					
6,900.00	6,721.08	6,483.28	6,203.47	35.88	35.05	80.63	-2,277.12	411.77	1,688.44	1,621.99	66.45	25.410					
6,950.00	6,769.31	6,528.08	6,245.75	36.03	35.32	80.63	-2,291.87	410.82	1,692.05	1,625.25	66.80	25.329					
7,000.00	6,816.53	6,574.08	6,289.15	36.18	35.59	80.63	-2,307.11	409.95	1,693.92	1,626.74	67.18	25.214					
7,050.00	6,862.44	6,626.47	6,338.55	36.34	35.90	80.63	-2,324.53	409.11	1,694.08	1,626.43	67.65	25.044					
7,100.00	6,906.77	6,690.94	6,399.55	36.50	36.28	80.63	-2,345.37	408.15	1,692.22	1,623.96	68.26	24.790					
7,150.00	6,949.23	6,753.34	6,458.82	36.68	36.65	80.63	-2,364.86	407.41	1,688.42	1,619.55	68.87	24.517					
7,200.00	6,989.58	6,809.56	6,512.39	36.87	36.97	80.63	-2,381.93	407.08	1,682.90	1,613.47	69.42	24.241					
7,250.00	7,027.55	6,857.01	6,557.67	37.09	37.24	80.63	-2,396.09	407.09	1,676.05	1,606.13	69.92	23.972					
7,300.00	7,062.91	6,900.79	6,599.50	37.32	37.49	80.63	-2,409.01	407.33	1,668.18	1,597.77	70.41	23.694					
7,350.00	7,095.45	6,920.25	6,618.02	37.59	37.60	80.63	-2,414.99	407.88	1,659.80	1,589.11	70.70	23.478					
7,400.00	7,124.97	6,941.26	6,637.94	37.88	37.72	80.63	-2,421.59	408.73	1,651.17	1,580.12	71.04	23.241					
7,450.00	7,151.28	6,958.79	6,654.51	38.21	37.82	80.63	-2,427.24	409.71	1,642.49	1,571.08	71.41	23.002					
7,500.00	7,174.22	6,972.96	6,667.86	38.58	37.91	80.63	-2,431.91	410.67	1,633.94	1,562.16	71.78	22.762					
7,550.00	7,193.65	6,981.00	6,675.41	38.98	37.95	80.63	-2,434.59	411.28	1,625.70	1,553.54	72.15	22.531					
7,600.00	7,209.45	6,992.81	6,686.48	39.43	38.02	80.63	-2,438.58	412.30	1,617.88	1,545.25	72.62	22.277					
7,650.00	7,221.52	6,998.04	6,691.37	39.91	38.05	80.63	-2,440.37	412.81	1,610.61	1,537.53	73.08	22.039					
7,700.00	7,229.79	7,000.29	6,693.46	40.42	38.06	80.63	-2,441.14	413.03	1,603.99	1,530.43	73.56	21.806					
7,750.00	7,234.21	6,999.87	6,693.08	40.97	38.06	80.63	-2,441.00	412.99	1,598.08	1,524.02	74.06	21.579					
7,780.56	7,235.00	6,998.43	6,691.73	41.32	38.05	80.63	-2,440.50	412.85	1,594.83	1,520.46	74.37	21.444					
7,800.00	7,235.04	6,997.26	6,690.64	41.54	38.05	80.63	-2,440.10	412.73	1,592.98	1,518.40	74.58	21.360					
7,900.00	7,235.26	6,981.00	6,675.41	42.82	37.95	80.63	-2,434.59	411.28	1,587.20	1,511.60	75.60	20.995					
7,943.93	7,235.35	6,981.00	6,675.41	43.44	37.95	80.63	-2,434.59	411.28	1,586.59	1,510.40	76.19	20.823					
8,000.00	7,235.47	6,981.00	6,675.41	44.25	37.95	80.63	-2,434.59	411.28	1,587.58	1,510.64	76.95	20.633					
8,100.00	7,235.68	6,981.00	6,675.41	45.82	37.95	80.63	-2,434.59	411.28	1,594.25	1,515.88	78.37	20.341					
8,200.00	7,235.90	6,981.00	6,675.41	47.52	37.95	80.63	-2,434.59	411.28	1,607.12	1,527.28	79.85	20.127					
8,300.00	7,236.11	6,981.00	6,675.41	49.34	37.95	80.63	-2,434.59	411.28	1,626.06	1,544.73	81.33	19.994					
8,400.00	7,236.32	6,981.00	6,675.41	51.25	37.95	80.63	-2,434.59	411.28	1,650.84	1,568.06	82.78	19.942 SF					
8,500.00	7,236.54	6,981.00	6,675.41	53.26	37.95	80.63	-2,434.59	411.28	1,681.22	1,597.03	84.18	19.971					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Fagerberg 3C-18-M - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 141-MWD+IFR1															Offset Well Error:		0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
8,600.00	7,236.75	6,981.00	6,675.41	55.34	37.95	-69.76	-2,434.59	411.28	1,716.89	1,631.38	85.51	20.078					
8,700.00	7,236.96	6,981.00	6,675.41	57.50	37.95	-69.76	-2,434.59	411.28	1,757.53	1,670.79	86.75	20.261					
8,800.00	7,237.17	6,981.00	6,675.41	59.71	37.95	-69.76	-2,434.59	411.28	1,802.81	1,714.93	87.89	20.513					
8,900.00	7,237.39	6,981.00	6,675.41	61.98	37.95	-69.76	-2,434.59	411.28	1,852.39	1,763.47	88.92	20.831					
9,000.00	7,237.60	6,955.73	6,651.62	64.29	37.81	-68.85	-2,426.24	409.52	1,905.50	1,815.94	89.56	21.277					
9,100.00	7,237.81	6,953.60	6,649.62	66.65	37.79	-68.77	-2,425.55	409.39	1,962.60	1,872.22	90.37	21.717					
9,200.00	7,238.03	6,951.60	6,647.72	69.05	37.78	-68.70	-2,424.91	409.28	2,023.03	1,931.93	91.10	22.207					
9,300.00	7,238.24	6,949.71	6,645.93	71.48	37.77	-68.63	-2,424.30	409.17	2,086.49	1,994.75	91.74	22.743					
9,400.00	7,238.45	6,947.91	6,644.24	73.95	37.76	-68.57	-2,423.72	409.07	2,152.73	2,060.43	92.31	23.321					
9,500.00	7,238.67	6,946.22	6,642.64	76.44	37.75	-68.51	-2,423.17	408.98	2,221.50	2,128.69	92.80	23.938					
9,600.00	7,238.88	6,944.61	6,641.11	78.96	37.74	-68.45	-2,422.66	408.90	2,292.56	2,199.32	93.24	24.589					
9,700.00	7,239.09	6,943.07	6,639.66	81.50	37.73	-68.39	-2,422.17	408.82	2,365.71	2,272.09	93.61	25.271					
9,800.00	7,239.30	6,941.62	6,638.28	84.06	37.73	-68.34	-2,421.70	408.75	2,440.76	2,346.82	93.94	25.982					
9,900.00	7,239.52	6,940.23	6,636.97	86.64	37.72	-68.29	-2,421.26	408.68	2,517.55	2,423.32	94.23	26.718					
10,000.00	7,239.73	6,938.91	6,635.72	89.23	37.71	-68.24	-2,420.84	408.62	2,595.91	2,501.44	94.47	27.478					
10,100.00	7,239.94	6,937.64	6,634.52	91.85	37.70	-68.20	-2,420.44	408.56	2,675.72	2,581.04	94.68	28.260					
10,200.00	7,240.16	6,936.43	6,633.38	94.47	37.70	-68.15	-2,420.06	408.51	2,756.84	2,661.98	94.86	29.061					
10,300.00	7,240.37	6,935.28	6,632.28	97.11	37.69	-68.11	-2,419.69	408.45	2,839.17	2,744.14	95.02	29.879					
10,400.00	7,240.58	6,934.17	6,631.23	99.76	37.68	-68.07	-2,419.34	408.41	2,922.59	2,827.44	95.15	30.714					
10,500.00	7,240.80	6,933.11	6,630.23	102.43	37.68	-68.03	-2,419.01	408.36	3,007.03	2,911.76	95.27	31.563					
10,600.00	7,241.01	6,932.09	6,629.26	105.10	37.67	-68.00	-2,418.69	408.32	3,092.39	2,997.02	95.37	32.426					
10,700.00	7,241.22	6,931.12	6,628.33	107.79	37.67	-67.96	-2,418.38	408.28	3,178.60	3,083.15	95.45	33.301					
10,800.00	7,241.43	6,930.18	6,627.44	110.48	37.66	-67.93	-2,418.09	408.24	3,265.60	3,170.08	95.52	34.188					
10,900.00	7,241.65	6,929.28	6,626.59	113.18	37.65	-67.90	-2,417.80	408.20	3,353.33	3,257.75	95.58	35.084					
11,000.00	7,241.86	6,928.41	6,625.76	115.89	37.65	-67.86	-2,417.53	408.17	3,441.72	3,346.09	95.63	35.991					
11,100.00	7,242.07	6,927.57	6,624.97	118.60	37.64	-67.83	-2,417.27	408.14	3,530.73	3,435.06	95.67	36.905					
11,200.00	7,242.29	6,926.76	6,624.20	121.32	37.64	-67.81	-2,417.02	408.11	3,620.32	3,524.61	95.70	37.828					
11,300.00	7,242.50	6,925.98	6,623.46	124.05	37.64	-67.78	-2,416.77	408.08	3,710.43	3,614.70	95.73	38.758					
11,400.00	7,242.71	6,925.23	6,622.75	126.78	37.63	-67.75	-2,416.54	408.05	3,801.04	3,705.29	95.76	39.695					
11,500.00	7,242.93	6,924.51	6,622.06	129.52	37.63	-67.72	-2,416.32	408.02	3,892.11	3,796.34	95.77	40.638					
11,600.00	7,243.14	6,923.81	6,621.40	132.27	37.62	-67.70	-2,416.10	408.00	3,983.61	3,887.82	95.79	41.587					
11,700.00	7,243.35	6,923.13	6,620.75	135.02	37.62	-67.67	-2,415.89	407.98	4,075.50	3,979.70	95.80	42.541					
11,800.00	7,243.57	6,922.48	6,620.13	137.77	37.62	-67.65	-2,415.68	407.95	4,167.77	4,071.96	95.81	43.500					
11,900.00	7,243.78	6,887.00	6,586.33	140.53	37.41	-66.38	-2,404.96	407.23	4,261.07	4,165.63	95.45	44.643					
12,000.00	7,243.99	6,887.00	6,586.33	143.29	37.41	-66.38	-2,404.96	407.23	4,353.99	4,258.53	95.46	45.610					
12,100.00	7,244.20	6,887.00	6,586.33	146.05	37.41	-66.38	-2,404.96	407.23	4,447.21	4,351.74	95.47	46.581					
12,200.00	7,244.42	6,887.00	6,586.33	148.82	37.41	-66.38	-2,404.96	407.23	4,540.72	4,445.24	95.48	47.555					
12,300.00	7,244.63	6,887.00	6,586.33	151.60	37.41	-66.38	-2,404.96	407.23	4,634.51	4,539.01	95.49	48.533					
12,400.00	7,244.84	6,887.00	6,586.33	154.37	37.41	-66.38	-2,404.96	407.23	4,728.54	4,633.04	95.50	49.513					
12,500.00	7,245.06	6,887.00	6,586.33	157.15	37.41	-66.38	-2,404.96	407.23	4,822.82	4,727.31	95.51	50.497					
12,600.00	7,245.27	6,887.00	6,586.33	159.93	37.41	-66.38	-2,404.96	407.23	4,917.32	4,821.81	95.51	51.482					
12,700.00	7,245.48	6,887.00	6,586.33	162.71	37.41	-66.38	-2,404.96	407.23	5,012.04	4,916.52	95.52	52.470					
12,800.00	7,245.70	6,887.00	6,586.33	165.50	37.41	-66.38	-2,404.96	407.23	5,106.96	5,011.43	95.53	53.460					
12,900.00	7,245.91	6,887.00	6,586.33	168.29	37.41	-66.38	-2,404.96	407.23	5,202.06	5,106.53	95.54	54.452					
13,000.00	7,246.12	6,887.00	6,586.33	171.08	37.41	-66.38	-2,404.96	407.23	5,297.35	5,201.81	95.54	55.445					
13,100.00	7,246.33	6,887.00	6,586.33	173.87	37.41	-66.38	-2,404.96	407.23	5,392.81	5,297.26	95.55	56.440					
13,200.00	7,246.55	6,887.00	6,586.33	176.67	37.41	-66.38	-2,404.96	407.23	5,488.43	5,392.88	95.56	57.436					
13,300.00	7,246.76	6,887.00	6,586.33	179.47	37.41	-66.38	-2,404.96	407.23	5,584.21	5,488.64	95.56	58.434					
13,400.00	7,246.97	6,887.00	6,586.33	182.27	37.41	-66.38	-2,404.96	407.23	5,680.13	5,584.55	95.57	59.432					
13,500.00	7,247.19	6,887.00	6,586.33	185.07	37.41	-66.38	-2,404.96	407.23	5,776.18	5,680.60	95.58	60.432					
13,600.00	7,247.40	6,887.00	6,586.33	187.87	37.41	-66.38	-2,404.96	407.23	5,872.37	5,776.78	95.59	61.432					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Fagerberg 3C-18-M - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 141-MWD+IFR1													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,247.61	6,887.00	6,586.33	190.68	37.41	-66.38	-2,404.96	407.23	5,968.69	5,873.09	95.60	62.433		
13,800.00	7,247.83	6,887.00	6,586.33	193.48	37.41	-66.38	-2,404.96	407.23	6,065.12	5,969.51	95.61	63.434		
13,900.00	7,248.04	6,887.00	6,586.33	196.29	37.41	-66.38	-2,404.96	407.23	6,161.67	6,066.05	95.62	64.436		
14,000.00	7,248.25	6,887.00	6,586.33	199.10	37.41	-66.38	-2,404.96	407.23	6,258.33	6,162.69	95.64	65.439		
14,100.00	7,248.46	6,887.00	6,586.33	201.91	37.41	-66.38	-2,404.96	407.23	6,355.09	6,259.44	95.65	66.441		
14,200.00	7,248.68	6,887.00	6,586.33	204.72	37.41	-66.38	-2,404.96	407.23	6,451.95	6,356.28	95.66	67.444		
14,300.00	7,248.89	6,887.00	6,586.33	207.53	37.41	-66.38	-2,404.96	407.23	6,548.90	6,453.22	95.68	68.447		
14,400.00	7,249.10	6,887.00	6,586.33	210.35	37.41	-66.38	-2,404.96	407.23	6,645.94	6,550.25	95.69	69.450		
14,500.00	7,249.32	6,887.00	6,586.33	213.16	37.41	-66.38	-2,404.96	407.23	6,743.07	6,647.36	95.71	70.453		
14,600.00	7,249.53	6,887.00	6,586.33	215.98	37.41	-66.38	-2,404.96	407.23	6,840.28	6,744.56	95.73	71.456		
14,700.00	7,249.74	6,887.00	6,586.33	218.80	37.41	-66.38	-2,404.96	407.23	6,937.58	6,841.83	95.75	72.458		
14,800.00	7,249.96	6,887.00	6,586.33	221.62	37.41	-66.38	-2,404.96	407.23	7,034.94	6,939.18	95.77	73.460		
14,900.00	7,250.17	6,887.00	6,586.33	224.44	37.41	-66.38	-2,404.96	407.23	7,132.38	7,036.60	95.79	74.462		
15,000.00	7,250.38	6,887.00	6,586.33	227.26	37.41	-66.38	-2,404.96	407.23	7,229.89	7,134.09	95.81	75.464		
15,100.00	7,250.59	6,887.00	6,586.33	230.08	37.41	-66.38	-2,404.96	407.23	7,327.47	7,231.64	95.83	76.465		
15,200.00	7,250.81	6,887.00	6,586.33	232.90	37.41	-66.38	-2,404.96	407.23	7,425.11	7,329.26	95.85	77.465		
15,300.00	7,251.02	6,887.00	6,586.33	235.72	37.41	-66.38	-2,404.96	407.23	7,522.82	7,426.94	95.87	78.465		
15,400.00	7,251.23	6,887.00	6,586.33	238.55	37.41	-66.38	-2,404.96	407.23	7,620.58	7,524.68	95.90	79.465		
15,500.00	7,251.45	6,887.00	6,586.33	241.37	37.41	-66.38	-2,404.96	407.23	7,718.40	7,622.48	95.92	80.463		
15,600.00	7,251.66	6,887.00	6,586.33	244.20	37.41	-66.38	-2,404.96	407.23	7,816.28	7,720.33	95.95	81.461		
15,700.00	7,251.87	6,887.00	6,586.33	247.03	37.41	-66.38	-2,404.96	407.23	7,914.21	7,818.23	95.98	82.458		
15,800.00	7,252.09	6,887.00	6,586.33	249.85	37.41	-66.38	-2,404.96	407.23	8,012.19	7,916.18	96.01	83.455		
15,900.00	7,252.30	6,887.00	6,586.33	252.68	37.41	-66.38	-2,404.96	407.23	8,110.22	8,014.18	96.04	84.450		
16,000.00	7,252.51	6,887.00	6,586.33	255.51	37.41	-66.38	-2,404.96	407.23	8,208.29	8,112.23	96.07	85.445		
16,100.00	7,252.72	6,887.00	6,586.33	258.34	37.41	-66.38	-2,404.96	407.23	8,306.42	8,210.32	96.10	86.438		
16,200.00	7,252.94	6,887.00	6,586.33	261.17	37.41	-66.38	-2,404.96	407.23	8,404.58	8,308.46	96.13	87.431		
16,300.00	7,253.15	6,887.00	6,586.33	264.00	37.41	-66.38	-2,404.96	407.23	8,502.79	8,406.63	96.16	88.422		
16,400.00	7,253.36	6,887.00	6,586.33	266.83	37.41	-66.38	-2,404.96	407.23	8,601.05	8,504.85	96.19	89.413		
16,500.00	7,253.58	6,887.00	6,586.33	269.66	37.41	-66.38	-2,404.96	407.23	8,699.34	8,603.11	96.23	90.402		
16,600.00	7,253.79	6,887.00	6,586.33	272.50	37.41	-66.38	-2,404.96	407.23	8,797.67	8,701.40	96.26	91.390		
16,700.00	7,254.00	6,887.00	6,586.33	275.33	37.41	-66.38	-2,404.96	407.23	8,896.03	8,799.73	96.30	92.377		
16,800.00	7,254.22	6,887.00	6,586.33	278.16	37.41	-66.38	-2,404.96	407.23	8,994.44	8,898.10	96.34	93.363		
16,900.00	7,254.43	6,887.00	6,586.33	281.00	37.41	-66.38	-2,404.96	407.23	9,092.87	8,996.50	96.38	94.347		
17,000.00	7,254.64	6,887.00	6,586.33	283.83	37.41	-66.38	-2,404.96	407.23	9,191.34	9,094.93	96.42	95.331		
17,100.00	7,254.85	6,887.00	6,586.33	286.67	37.41	-66.38	-2,404.96	407.23	9,289.85	9,193.39	96.46	96.313		
17,200.00	7,255.07	6,887.00	6,586.33	289.50	37.41	-66.38	-2,404.96	407.23	9,388.38	9,291.89	96.50	97.293		
17,300.00	7,255.28	6,887.00	6,586.33	292.34	37.41	-66.38	-2,404.96	407.23	9,486.95	9,390.41	96.54	98.272		
17,400.00	7,255.49	6,887.00	6,586.33	295.17	37.41	-66.38	-2,404.96	407.23	9,585.55	9,488.97	96.58	99.250		
17,500.00	7,255.71	6,887.00	6,586.33	298.01	37.41	-66.38	-2,404.96	407.23	9,684.17	9,587.55	96.62	100.227		
17,600.00	7,255.92	6,887.00	6,586.33	300.85	37.41	-66.38	-2,404.96	407.23	9,782.82	9,686.16	96.67	101.202		
17,700.00	7,256.13	6,887.00	6,586.33	303.68	37.41	-66.38	-2,404.96	407.23	9,881.50	9,784.79	96.71	102.175		
17,800.00	7,256.35	6,887.00	6,586.33	306.52	37.41	-66.38	-2,404.96	407.23	9,980.21	9,883.45	96.76	103.147		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 6C-7-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 226-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	132.96	-472.86	507.82	693.97					
100.00	100.00	85.18	85.18	3.28	3.29	132.98	-473.18	507.84	694.13	687.56	6.57	105.649		
200.00	200.00	180.88	180.88	3.34	3.30	133.04	-474.30	507.92	694.99	688.35	6.64	104.640		
300.00	300.00	284.59	284.57	3.44	3.36	133.12	-475.87	508.11	696.17	689.36	6.81	102.243		
400.00	399.98	389.86	389.84	3.60	3.49	8.11	-475.66	508.49	694.56	687.47	7.09	97.993		
500.00	499.84	492.12	492.10	3.79	3.66	8.16	-475.17	508.54	689.08	681.63	7.45	92.455		
600.00	599.45	578.48	578.45	4.03	3.84	8.24	-475.05	509.02	680.80	672.93	7.86	86.566		
700.00	698.70	663.94	663.85	4.30	4.04	8.18	-474.74	512.29	671.25	662.91	8.34	80.475		
800.00	797.47	749.29	748.96	4.61	4.27	7.96	-473.86	518.47	660.33	651.45	8.87	74.408		
900.00	895.62	837.19	836.39	4.95	4.53	7.58	-472.72	527.47	647.99	638.53	9.46	68.475		
1,000.00	993.06	933.40	931.94	5.33	4.84	7.11	-471.67	538.69	633.45	623.34	10.12	62.613		
1,100.00	1,090.08	1,043.04	1,041.08	5.74	5.20	6.80	-472.07	549.00	616.57	605.73	10.84	56.876		
1,200.00	1,187.11	1,163.81	1,161.69	6.17	5.62	6.86	-473.45	554.86	596.84	585.21	11.62	51.346		
1,300.00	1,284.14	1,277.46	1,275.33	6.61	6.02	7.16	-473.78	555.79	573.56	561.17	12.39	46.294		
1,400.00	1,381.17	1,377.45	1,375.31	7.07	6.37	7.45	-473.07	555.43	548.83	535.69	13.13	41.789		
1,500.00	1,478.20	1,473.75	1,471.61	7.55	6.72	7.82	-472.68	554.58	523.94	510.06	13.89	37.731		
1,600.00	1,575.23	1,568.03	1,565.89	8.03	7.06	8.23	-472.49	553.91	499.33	484.68	14.65	34.078		
1,700.00	1,672.26	1,663.45	1,661.31	8.52	7.43	8.59	-472.24	554.17	475.40	459.96	15.44	30.792		
1,800.00	1,769.29	1,761.92	1,759.78	9.01	7.81	8.98	-471.61	554.36	451.19	434.94	16.24	27.777		
1,900.00	1,866.32	1,859.64	1,857.49	9.51	8.19	9.39	-470.94	554.76	427.11	410.06	17.06	25.043		
2,000.00	1,963.35	1,970.47	1,968.25	10.02	8.63	9.55	-466.95	555.40	401.22	383.35	17.87	22.457		
2,100.00	2,060.38	2,082.64	2,080.05	10.53	9.08	9.39	-458.23	554.30	371.43	352.79	18.64	19.930		
2,200.00	2,157.41	2,189.27	2,185.93	11.04	9.51	8.93	-445.92	551.23	337.83	318.46	19.38	17.436		
2,300.00	2,254.44	2,283.93	2,279.61	11.56	9.90	8.22	-432.87	547.75	302.28	282.11	20.17	14.987		
2,400.00	2,351.47	2,380.63	2,374.99	12.07	10.30	6.56	-417.03	546.11	266.53	245.59	20.94	12.726		
2,500.00	2,448.50	2,474.76	2,467.29	12.59	10.69	3.66	-398.67	545.55	229.93	208.17	21.76	10.569		
2,600.00	2,545.53	2,570.50	2,560.51	13.12	11.09	-1.46	-376.84	546.18	193.19	170.62	22.57	8.560		
2,700.00	2,642.56	2,662.27	2,649.12	13.64	11.48	-9.58	-353.00	546.89	157.02	133.47	23.55	6.667		
2,800.00	2,739.59	2,753.28	2,736.45	14.17	11.87	-22.59	-327.42	547.95	125.15	100.36	24.80	5.048		
2,900.00	2,836.62	2,843.81	2,823.21	14.69	12.27	-41.78	-301.53	547.72	102.11	75.76	26.35	3.875		
2,976.36	2,910.71	2,912.02	2,888.27	15.10	12.58	-60.44	-281.09	546.74	95.81	68.35	27.47	3.488 CC, ES		
3,000.00	2,933.65	2,933.09	2,908.35	15.22	12.67	-66.43	-274.74	546.27	96.44	68.73	27.71	3.480 SF		
3,100.00	3,030.68	3,020.42	2,991.55	15.75	13.07	-89.04	-248.27	543.97	112.34	84.23	28.11	3.996		
3,200.00	3,127.71	3,108.66	3,075.54	16.28	13.48	-105.13	-221.28	542.03	143.71	115.39	28.32	5.074		
3,300.00	3,224.74	3,196.38	3,159.13	16.82	13.89	-115.76	-194.86	539.22	182.03	153.35	28.68	6.348		
3,400.00	3,321.76	3,285.54	3,244.11	17.35	14.31	-122.37	-167.89	538.27	224.20	194.90	29.29	7.654		
3,500.00	3,418.79	3,377.87	3,332.49	17.88	14.75	-127.16	-141.20	537.01	266.91	236.79	30.11	8.863		
3,600.00	3,515.82	3,471.53	3,422.43	18.42	15.20	-130.23	-115.14	537.97	309.35	278.33	31.02	9.973		
3,700.00	3,612.85	3,562.17	3,509.84	18.95	15.63	-132.62	-91.11	538.36	351.19	319.37	31.82	11.035		
3,800.00	3,709.88	3,649.66	3,594.04	19.49	16.05	-134.66	-67.41	537.26	394.29	361.74	32.55	12.113		
3,900.00	3,806.91	3,741.25	3,682.47	20.02	16.49	-136.60	-43.71	534.78	436.98	403.57	33.40	13.083		
4,000.00	3,903.94	3,819.13	3,757.35	20.56	16.87	-137.95	-22.40	532.48	481.37	447.46	33.91	14.196		
4,100.00	4,000.97	3,901.22	3,835.74	21.09	17.27	-138.91	1.91	531.60	527.51	492.95	34.57	15.261		
4,200.00	4,098.00	3,982.13	3,912.56	21.63	17.68	-139.50	27.32	532.24	574.85	539.63	35.22	16.320		
4,300.00	4,195.03	4,076.17	4,001.66	22.17	18.15	-140.00	57.34	533.71	622.49	586.27	36.22	17.185		
4,400.00	4,292.06	4,180.41	4,101.07	22.71	18.67	-140.53	88.67	535.26	668.55	631.12	37.43	17.861		
4,500.00	4,389.09	4,278.38	4,195.17	23.25	19.16	-141.11	115.92	535.71	712.93	674.47	38.46	18.535		
4,600.00	4,486.12	4,375.68	4,289.00	23.78	19.64	-141.71	141.65	535.37	756.39	716.92	39.47	19.166		
4,700.00	4,583.15	4,449.16	4,359.81	24.32	20.00	-142.17	161.26	534.38	800.41	760.40	40.01	20.005		
4,800.00	4,680.18	4,537.06	4,444.27	24.86	20.44	-142.71	185.51	532.16	845.63	804.79	40.84	20.707		
4,900.00	4,777.21	4,618.33	4,522.39	25.40	20.85	-143.22	207.74	529.38	891.00	849.46	41.54	21.448		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 6C-7-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 226-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,874.24	4,707.78	4,608.10	25.94	21.30	-143.68	233.22	526.84	937.22	894.81	42.41	22.099		
5,100.00	4,971.27	4,790.50	4,687.50	26.48	21.72	-144.08	256.28	524.25	983.07	939.91	43.16	22.778		
5,200.00	5,068.30	4,873.15	4,766.40	27.02	22.14	-144.39	280.79	522.16	1,030.23	986.32	43.91	23.461		
5,300.00	5,165.33	4,978.30	4,867.03	27.56	22.68	-144.64	311.28	521.62	1,076.16	1,031.08	45.07	23.875		
5,400.00	5,262.36	5,067.74	4,952.80	28.10	23.14	-144.89	336.59	520.46	1,121.81	1,075.86	45.95	24.413		
5,500.00	5,359.39	5,161.03	5,042.39	28.64	23.61	-145.16	362.56	518.80	1,167.24	1,120.35	46.89	24.893		
5,600.00	5,456.42	5,255.89	5,133.63	29.18	24.09	-145.44	388.45	516.90	1,212.31	1,164.46	47.85	25.335		
5,700.00	5,553.45	5,373.16	5,246.63	29.72	24.68	-145.70	419.75	515.86	1,256.59	1,207.44	49.15	25.565		
5,800.00	5,650.47	5,454.44	5,325.36	30.27	25.09	-145.91	439.94	514.93	1,299.33	1,249.43	49.90	26.041		
5,900.00	5,747.50	5,524.96	5,393.40	30.81	25.45	-146.11	458.39	513.15	1,343.63	1,293.15	50.48	26.618		
6,000.00	5,844.53	5,606.35	5,471.78	31.35	25.86	-146.33	480.19	510.62	1,388.72	1,337.50	51.23	27.109		
6,100.00	5,941.56	5,692.02	5,554.21	31.89	26.30	-146.58	503.27	507.30	1,434.24	1,382.20	52.04	27.559		
6,200.00	6,038.59	5,788.47	5,647.15	32.43	26.79	-146.85	528.79	503.50	1,479.38	1,426.36	53.02	27.901		
6,300.00	6,135.62	5,853.66	5,709.79	32.97	27.12	-147.00	546.66	501.21	1,525.22	1,471.69	53.54	28.490		
6,400.00	6,232.65	5,930.67	5,783.48	33.51	27.52	-147.14	568.91	498.77	1,572.17	1,517.93	54.23	28.989		
6,500.00	6,329.68	6,020.32	5,869.14	34.06	27.99	-147.27	595.26	496.27	1,619.42	1,564.29	55.13	29.375		
6,600.00	6,426.71	6,600.00	5,978.85	34.60	30.98	-147.41	627.92	494.33	1,665.46	1,606.73	58.73	28.358		
6,655.36	6,480.43	6,207.43	6,048.74	34.90	28.95	-147.49	647.60	493.54	1,690.11	1,632.89	57.21	29.541		
6,700.00	6,524.01	6,247.39	6,087.28	35.13	29.16	-161.48	658.15	492.70	1,709.44	1,651.84	57.60	29.679		
6,750.00	6,573.29	6,275.26	6,114.10	35.36	29.30	174.23	665.64	491.99	1,730.03	1,672.25	57.78	29.943		
6,800.00	6,622.76	6,304.88	6,142.56	35.56	29.45	142.32	673.85	491.19	1,749.53	1,691.56	57.96	30.183		
6,850.00	6,672.13	6,335.00	6,171.41	35.73	29.61	115.58	682.46	490.31	1,767.86	1,709.72	58.15	30.402		
6,900.00	6,721.08	6,373.72	6,208.43	35.88	29.81	99.06	693.74	489.10	1,784.84	1,726.38	58.46	30.530		
6,950.00	6,769.31	6,412.91	6,245.86	36.03	30.02	89.17	705.25	487.81	1,800.30	1,741.50	58.79	30.622		
7,000.00	6,816.53	6,503.92	6,332.96	36.18	30.49	83.68	731.59	485.94	1,813.82	1,753.94	59.88	30.289		
7,050.00	6,862.44	6,559.87	6,386.74	36.34	30.78	79.91	747.00	486.00	1,824.67	1,764.19	60.48	30.169		
7,100.00	6,906.77	6,604.37	6,429.61	36.50	31.01	77.27	758.92	485.46	1,833.90	1,772.95	60.94	30.091		
7,150.00	6,949.23	6,632.70	6,456.92	36.68	31.15	75.21	766.44	484.84	1,841.69	1,780.48	61.22	30.084		
7,200.00	6,989.58	6,655.54	6,478.88	36.87	31.27	73.65	772.67	484.29	1,848.40	1,786.94	61.46	30.077		
7,250.00	7,027.55	6,677.01	6,499.48	37.09	31.38	72.51	778.70	483.73	1,854.07	1,792.35	61.72	30.040		
7,300.00	7,062.91	6,709.00	6,530.09	37.32	31.55	71.98	787.95	482.82	1,858.82	1,796.63	62.19	29.888		
7,350.00	7,095.45	6,727.25	6,547.53	37.59	31.64	71.41	793.32	482.37	1,862.49	1,799.95	62.53	29.784		
7,400.00	7,124.97	6,772.33	6,590.64	37.88	31.88	71.79	806.48	482.07	1,865.01	1,801.66	63.34	29.444		
7,450.00	7,151.28	6,809.60	6,626.31	38.21	32.07	72.22	817.25	482.69	1,866.45	1,802.34	64.12	29.111		
7,500.00	7,174.22	6,818.65	6,634.95	38.58	32.12	72.05	819.93	483.10	1,867.19	1,802.62	64.57	28.918		
7,550.00	7,193.65	6,827.70	6,643.57	38.98	32.17	72.00	822.64	483.63	1,867.38	1,802.27	65.11	28.682		
7,600.00	7,209.45	6,833.93	6,649.49	39.43	32.20	71.99	824.54	484.08	1,867.08	1,801.40	65.68	28.426		
7,650.00	7,221.52	6,837.71	6,653.06	39.91	32.22	72.00	825.70	484.38	1,866.35	1,800.05	66.30	28.148		
7,700.00	7,229.79	6,839.35	6,654.62	40.42	32.22	72.03	826.21	484.52	1,865.20	1,798.24	66.97	27.852		
7,750.00	7,234.21	6,839.13	6,654.41	40.97	32.22	72.09	826.14	484.50	1,863.66	1,795.99	67.67	27.540		
7,780.56	7,235.00	6,838.19	6,653.52	41.32	32.22	72.14	825.85	484.42	1,862.52	1,794.41	68.12	27.343		
7,800.00	7,235.04	6,837.42	6,652.79	41.54	32.21	72.12	825.62	484.36	1,861.86	1,793.45	68.41	27.217		
7,854.40	7,235.16	6,835.39	6,650.87	42.23	32.20	72.06	824.99	484.19	1,861.06	1,791.79	69.27	26.866		
7,900.00	7,235.26	6,833.83	6,649.39	42.82	32.20	72.01	824.51	484.07	1,861.62	1,791.63	69.99	26.597		
8,000.00	7,235.47	6,830.75	6,646.47	44.25	32.18	71.92	823.57	483.84	1,866.74	1,795.04	71.70	26.037		
8,100.00	7,235.68	6,804.00	6,620.95	45.82	32.04	71.09	815.64	482.55	1,877.58	1,804.49	73.09	25.690		
8,200.00	7,235.90	6,804.00	6,620.95	47.52	32.04	71.09	815.64	482.55	1,893.17	1,818.24	74.93	25.266		
8,300.00	7,236.11	6,804.00	6,620.95	49.34	32.04	71.09	815.64	482.55	1,913.87	1,837.10	76.76	24.933		
8,400.00	7,236.32	6,804.00	6,620.95	51.25	32.04	71.09	815.64	482.55	1,939.50	1,860.95	78.56	24.690		
8,500.00	7,236.54	6,804.00	6,620.95	53.26	32.04	71.09	815.64	482.55	1,969.89	1,889.60	80.29	24.536		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 6C-7-M - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 226-MWD+IFR1															
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
8,600.00	7,236.75	6,804.00	6,620.95	55.34	32.04	71.09	815.64	482.55	2,004.81	1,922.87	81.94	24.468			
8,700.00	7,236.96	6,804.00	6,620.95	57.50	32.04	71.09	815.64	482.55	2,044.03	1,960.54	83.49	24.481			
8,800.00	7,237.17	6,804.00	6,620.95	59.71	32.04	71.09	815.64	482.55	2,087.31	2,002.36	84.95	24.571			
8,900.00	7,237.39	6,804.00	6,620.95	61.98	32.04	71.09	815.64	482.55	2,134.40	2,048.10	86.30	24.732			
9,000.00	7,237.60	6,804.00	6,620.95	64.29	32.04	71.09	815.64	482.55	2,185.05	2,097.50	87.55	24.959			
9,100.00	7,237.81	6,804.00	6,620.95	66.65	32.04	71.09	815.64	482.55	2,239.03	2,150.34	88.69	25.246			
9,200.00	7,238.03	6,804.00	6,620.95	69.05	32.04	71.09	815.64	482.55	2,296.09	2,206.36	89.73	25.588			
9,300.00	7,238.24	6,804.00	6,620.95	71.48	32.04	71.09	815.64	482.55	2,356.02	2,265.34	90.68	25.982			
9,400.00	7,238.45	6,804.00	6,620.95	73.95	32.04	71.09	815.64	482.55	2,418.60	2,327.06	91.54	26.422			
9,500.00	7,238.67	6,804.00	6,620.95	76.44	32.04	71.09	815.64	482.55	2,483.63	2,391.32	92.31	26.905			
9,600.00	7,238.88	6,804.00	6,620.95	78.96	32.04	71.09	815.64	482.55	2,550.92	2,457.91	93.01	27.426			
9,700.00	7,239.09	6,804.00	6,620.95	81.50	32.04	71.09	815.64	482.55	2,620.31	2,526.67	93.64	27.982			
9,800.00	7,239.30	6,804.00	6,620.95	84.06	32.04	71.09	815.64	482.55	2,691.62	2,597.41	94.21	28.571			
9,900.00	7,239.52	6,804.00	6,620.95	86.64	32.04	71.09	815.64	482.55	2,764.71	2,669.99	94.71	29.190			
10,000.00	7,239.73	6,804.00	6,620.95	89.23	32.04	71.09	815.64	482.55	2,839.43	2,744.26	95.17	29.835			
10,100.00	7,239.94	6,804.00	6,620.95	91.85	32.04	71.09	815.64	482.55	2,915.68	2,820.10	95.58	30.505			
10,200.00	7,240.16	6,804.00	6,620.95	94.47	32.04	71.09	815.64	482.55	2,993.32	2,897.38	95.95	31.198			
10,300.00	7,240.37	6,804.00	6,620.95	97.11	32.04	71.09	815.64	482.55	3,072.26	2,975.98	96.27	31.911			
10,400.00	7,240.58	6,804.00	6,620.95	99.76	32.04	71.09	815.64	482.55	3,152.39	3,055.82	96.57	32.644			
10,500.00	7,240.80	6,804.00	6,620.95	102.43	32.04	71.09	815.64	482.55	3,233.63	3,136.80	96.83	33.394			
10,600.00	7,241.01	6,804.00	6,620.95	105.10	32.04	71.09	815.64	482.55	3,315.89	3,218.83	97.07	34.160			
10,700.00	7,241.22	6,804.00	6,620.95	107.79	32.04	71.09	815.64	482.55	3,399.11	3,301.83	97.28	34.941			
10,800.00	7,241.43	6,804.00	6,620.95	110.48	32.04	71.09	815.64	482.55	3,483.21	3,385.74	97.47	35.736			
10,900.00	7,241.65	6,804.00	6,620.95	113.18	32.04	71.09	815.64	482.55	3,568.13	3,470.49	97.64	36.543			
11,000.00	7,241.86	6,804.00	6,620.95	115.89	32.04	71.09	815.64	482.55	3,653.81	3,556.02	97.79	37.362			
11,100.00	7,242.07	6,804.00	6,620.95	118.60	32.04	71.09	815.64	482.55	3,740.20	3,642.27	97.93	38.192			
11,200.00	7,242.29	6,804.00	6,620.95	121.32	32.04	71.09	815.64	482.55	3,827.26	3,729.21	98.05	39.032			
11,300.00	7,242.50	6,804.00	6,620.95	124.05	32.04	71.09	815.64	482.55	3,914.94	3,816.77	98.17	39.881			
11,400.00	7,242.71	6,804.00	6,620.95	126.78	32.04	71.09	815.64	482.55	4,003.19	3,904.92	98.27	40.739			
11,500.00	7,242.93	6,804.00	6,620.95	129.52	32.04	71.09	815.64	482.55	4,091.98	3,993.63	98.36	41.604			
11,600.00	7,243.14	6,804.00	6,620.95	132.27	32.04	71.09	815.64	482.55	4,181.28	4,082.84	98.44	42.477			
11,700.00	7,243.35	6,804.00	6,620.95	135.02	32.04	71.09	815.64	482.55	4,271.05	4,172.54	98.51	43.357			
11,800.00	7,243.57	6,804.00	6,620.95	137.77	32.04	71.09	815.64	482.55	4,361.27	4,262.70	98.58	44.243			
11,900.00	7,243.78	6,804.00	6,620.95	140.53	32.04	71.09	815.64	482.55	4,451.91	4,353.27	98.64	45.135			
12,000.00	7,243.99	6,804.00	6,620.95	143.29	32.04	71.09	815.64	482.55	4,542.94	4,444.25	98.69	46.033			
12,100.00	7,244.20	6,804.00	6,620.95	146.05	32.04	71.09	815.64	482.55	4,634.34	4,535.60	98.74	46.935			
12,200.00	7,244.42	6,804.00	6,620.95	148.82	32.04	71.09	815.64	482.55	4,726.08	4,627.30	98.78	47.843			
12,300.00	7,244.63	6,804.00	6,620.95	151.60	32.04	71.09	815.64	482.55	4,818.16	4,719.34	98.82	48.755			
12,400.00	7,244.84	6,804.00	6,620.95	154.37	32.04	71.09	815.64	482.55	4,910.55	4,811.68	98.86	49.671			
12,500.00	7,245.06	6,804.00	6,620.95	157.15	32.04	71.09	815.64	482.55	5,003.22	4,904.33	98.90	50.591			
12,600.00	7,245.27	6,804.00	6,620.95	159.93	32.04	71.09	815.64	482.55	5,096.18	4,997.25	98.93	51.514			
12,700.00	7,245.48	6,804.00	6,620.95	162.71	32.04	71.09	815.64	482.55	5,189.40	5,090.44	98.96	52.441			
12,800.00	7,245.70	6,804.00	6,620.95	165.50	32.04	71.09	815.64	482.55	5,282.86	5,183.88	98.98	53.370			
12,900.00	7,245.91	6,804.00	6,620.95	168.29	32.04	71.09	815.64	482.55	5,376.56	5,277.55	99.01	54.303			
13,000.00	7,246.12	6,804.00	6,620.95	171.08	32.04	71.09	815.64	482.55	5,470.49	5,371.45	99.03	55.238			
13,100.00	7,246.33	6,804.00	6,620.95	173.87	32.04	71.09	815.64	482.55	5,564.62	5,465.57	99.06	56.176			
13,200.00	7,246.55	6,804.00	6,620.95	176.67	32.04	71.09	815.64	482.55	5,658.96	5,559.88	99.08	57.116			
13,300.00	7,246.76	6,804.00	6,620.95	179.47	32.04	71.09	815.64	482.55	5,753.49	5,654.39	99.10	58.058			
13,400.00	7,246.97	6,804.00	6,620.95	182.27	32.04	71.09	815.64	482.55	5,848.20	5,749.08	99.12	59.002			
13,500.00	7,247.19	6,804.00	6,620.95	185.07	32.04	71.09	815.64	482.55	5,943.08	5,843.94	99.14	59.948			
13,600.00	7,247.40	6,804.00	6,620.95	187.87	32.04	71.09	815.64	482.55	6,038.13	5,938.97	99.16	60.895			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 6C-7-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 226-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
13,700.00	7,247.61	6,804.00	6,620.95	190.68	32.04	71.09	815.64	482.55	6,133.33	6,034.16	99.17	61.844		
13,800.00	7,247.83	6,804.00	6,620.95	193.48	32.04	71.09	815.64	482.55	6,228.69	6,129.50	99.19	62.794		
13,900.00	7,248.04	6,804.00	6,620.95	196.29	32.04	71.09	815.64	482.55	6,324.19	6,224.98	99.21	63.746		
14,000.00	7,248.25	6,804.00	6,620.95	199.10	32.04	71.09	815.64	482.55	6,419.83	6,320.60	99.23	64.698		
14,100.00	7,248.46	6,804.00	6,620.95	201.91	32.04	71.09	815.64	482.55	6,515.59	6,416.35	99.24	65.652		
14,200.00	7,248.68	6,804.00	6,620.95	204.72	32.04	71.09	815.64	482.55	6,611.49	6,512.23	99.26	66.607		
14,300.00	7,248.89	6,804.00	6,620.95	207.53	32.04	71.09	815.64	482.55	6,707.50	6,608.22	99.28	67.562		
14,400.00	7,249.10	6,804.00	6,620.95	210.35	32.04	71.09	815.64	482.55	6,803.63	6,704.33	99.30	68.518		
14,500.00	7,249.32	6,804.00	6,620.95	213.16	32.04	71.09	815.64	482.55	6,899.87	6,800.55	99.31	69.475		
14,600.00	7,249.53	6,804.00	6,620.95	215.98	32.04	71.09	815.64	482.55	6,996.21	6,896.88	99.33	70.432		
14,700.00	7,249.74	6,804.00	6,620.95	218.80	32.04	71.09	815.64	482.55	7,092.65	6,993.30	99.35	71.390		
14,800.00	7,249.96	6,804.00	6,620.95	221.62	32.04	71.09	815.64	482.55	7,189.20	7,089.83	99.37	72.348		
14,900.00	7,250.17	6,804.00	6,620.95	224.44	32.04	71.09	815.64	482.55	7,285.83	7,186.44	99.39	73.306		
15,000.00	7,250.38	6,804.00	6,620.95	227.26	32.04	71.09	815.64	482.55	7,382.55	7,283.15	99.41	74.264		
15,100.00	7,250.59	6,804.00	6,620.95	230.08	32.04	71.09	815.64	482.55	7,479.37	7,379.94	99.43	75.223		
15,200.00	7,250.81	6,804.00	6,620.95	232.90	32.04	71.09	815.64	482.55	7,576.26	7,476.81	99.45	76.182		
15,300.00	7,251.02	6,804.00	6,620.95	235.72	32.04	71.09	815.64	482.55	7,673.23	7,573.76	99.47	77.141		
15,400.00	7,251.23	6,804.00	6,620.95	238.55	32.04	71.09	815.64	482.55	7,770.28	7,670.79	99.49	78.100		
15,500.00	7,251.45	6,804.00	6,620.95	241.37	32.04	71.09	815.64	482.55	7,867.41	7,767.89	99.51	79.058		
15,600.00	7,251.66	6,804.00	6,620.95	244.20	32.04	71.09	815.64	482.55	7,964.60	7,865.07	99.54	80.017		
15,700.00	7,251.87	6,804.00	6,620.95	247.03	32.04	71.09	815.64	482.55	8,061.87	7,962.31	99.56	80.975		
15,800.00	7,252.09	6,804.00	6,620.95	249.85	32.04	71.09	815.64	482.55	8,159.20	8,059.61	99.58	81.933		
15,900.00	7,252.30	6,804.00	6,620.95	252.68	32.04	71.09	815.64	482.55	8,256.59	8,156.98	99.61	82.891		
16,000.00	7,252.51	6,804.00	6,620.95	255.51	32.04	71.09	815.64	482.55	8,354.04	8,254.41	99.63	83.848		
16,100.00	7,252.72	6,804.00	6,620.95	258.34	32.04	71.09	815.64	482.55	8,451.56	8,351.90	99.66	84.805		
16,200.00	7,252.94	6,804.00	6,620.95	261.17	32.04	71.09	815.64	482.55	8,549.13	8,449.45	99.69	85.761		
16,300.00	7,253.15	6,804.00	6,620.95	264.00	32.04	71.09	815.64	482.55	8,646.76	8,547.05	99.71	86.717		
16,400.00	7,253.36	6,804.00	6,620.95	266.83	32.04	71.09	815.64	482.55	8,744.44	8,644.70	99.74	87.673		
16,500.00	7,253.58	6,804.00	6,620.95	269.66	32.04	71.09	815.64	482.55	8,842.17	8,742.41	99.77	88.628		
16,600.00	7,253.79	6,804.00	6,620.95	272.50	32.04	71.09	815.64	482.55	8,939.96	8,840.16	99.80	89.582		
16,700.00	7,254.00	6,804.00	6,620.95	275.33	32.04	71.09	815.64	482.55	9,037.79	8,937.96	99.83	90.535		
16,800.00	7,254.22	6,804.00	6,620.95	278.16	32.04	71.09	815.64	482.55	9,135.67	9,035.81	99.86	91.488		
16,900.00	7,254.43	6,804.00	6,620.95	281.00	32.04	71.09	815.64	482.55	9,233.59	9,133.70	99.89	92.440		
17,000.00	7,254.64	6,804.00	6,620.95	283.83	32.04	71.09	815.64	482.55	9,331.56	9,231.64	99.92	93.391		
17,100.00	7,254.85	6,804.00	6,620.95	286.67	32.04	71.09	815.64	482.55	9,429.57	9,329.62	99.95	94.342		
17,200.00	7,255.07	6,804.00	6,620.95	289.50	32.04	71.09	815.64	482.55	9,527.62	9,427.64	99.98	95.291		
17,300.00	7,255.28	6,804.00	6,620.95	292.34	32.04	71.09	815.64	482.55	9,625.72	9,525.70	100.02	96.240		
17,400.00	7,255.49	6,804.00	6,620.95	295.17	32.04	71.09	815.64	482.55	9,723.85	9,623.79	100.05	97.188		
17,500.00	7,255.71	6,804.00	6,620.95	298.01	32.04	71.09	815.64	482.55	9,822.02	9,721.93	100.09	98.135		
17,600.00	7,255.92	6,804.00	6,620.95	300.85	32.04	71.09	815.64	482.55	9,920.22	9,820.10	100.12	99.081		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 6N-7C-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 229-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	131.72	-452.82	507.82	680.48					
100.00	100.00	96.34	96.33	3.28	3.29	131.67	-451.99	507.87	679.91	673.33	6.57	103.454		
200.00	200.00	204.51	204.46	3.34	3.31	131.47	-449.05	508.04	678.23	671.58	6.65	101.983		
300.00	300.00	299.77	299.65	3.44	3.38	131.23	-445.53	508.41	676.08	669.26	6.83	99.053		
400.00	399.98	388.47	388.34	3.60	3.49	6.12	-443.89	508.91	673.56	666.47	7.09	95.024		
500.00	499.84	477.25	477.11	3.79	3.64	6.22	-444.88	509.16	669.30	661.87	7.43	90.099		
600.00	599.45	575.70	575.53	4.03	3.83	6.36	-446.63	510.37	662.72	654.86	7.86	84.304		
700.00	698.70	671.34	671.13	4.30	4.06	6.31	-446.40	513.24	652.70	644.34	8.36	78.064		
800.00	797.47	763.84	763.44	4.61	4.31	6.03	-444.47	518.67	640.17	631.26	8.91	71.817		
900.00	895.62	855.24	854.39	4.95	4.59	5.47	-440.73	526.92	625.33	615.81	9.51	65.721		
1,000.00	993.06	950.75	949.21	5.33	4.89	4.70	-436.03	537.36	608.04	597.87	10.17	59.784		
1,100.00	1,090.08	1,050.05	1,047.93	5.74	5.23	3.97	-432.16	547.40	589.18	578.31	10.87	54.207		
1,200.00	1,187.11	1,161.15	1,158.60	6.17	5.62	3.30	-428.63	556.35	569.28	557.65	11.63	48.965		
1,300.00	1,284.14	1,268.40	1,265.68	6.61	6.01	2.88	-425.97	561.65	547.43	535.04	12.39	44.177		
1,400.00	1,381.17	1,381.50	1,378.75	7.07	6.42	2.79	-423.97	562.64	522.85	509.67	13.17	39.686		
1,500.00	1,478.20	1,481.44	1,478.65	7.55	6.78	3.08	-423.65	560.18	496.61	482.68	13.93	35.652		
1,600.00	1,575.23	1,574.61	1,571.77	8.03	7.11	3.53	-424.31	557.16	470.42	455.73	14.69	32.034		
1,700.00	1,672.26	1,666.89	1,664.04	8.52	7.45	3.88	-424.69	555.68	445.30	429.84	15.46	28.809		
1,800.00	1,769.29	1,763.70	1,760.85	9.01	7.82	4.14	-424.61	555.09	420.65	404.40	16.25	25.886		
1,900.00	1,866.32	1,863.81	1,860.96	9.51	8.21	4.32	-423.65	554.81	395.73	378.68	17.06	23.203		
2,000.00	1,963.35	1,967.19	1,964.28	10.02	8.62	4.28	-420.37	554.17	369.19	351.33	17.86	20.666		
2,100.00	2,060.38	2,068.88	2,065.81	10.53	9.03	3.91	-414.84	553.61	341.35	322.68	18.67	18.283		
2,200.00	2,157.41	2,171.03	2,167.58	11.04	9.45	3.01	-406.11	552.87	311.53	292.06	19.46	16.005		
2,300.00	2,254.44	2,270.67	2,266.56	11.56	9.85	1.46	-394.78	552.04	280.08	259.82	20.26	13.824		
2,400.00	2,351.47	2,367.69	2,362.55	12.07	10.25	-1.14	-380.65	551.77	247.56	226.49	21.08	11.746		
2,500.00	2,448.50	2,463.85	2,457.41	12.59	10.65	-4.93	-364.87	551.46	214.67	192.76	21.91	9.796		
2,600.00	2,545.53	2,559.99	2,551.84	13.12	11.05	-10.69	-346.85	550.84	181.64	158.85	22.79	7.970		
2,700.00	2,642.56	2,651.89	2,641.40	13.64	11.44	-19.70	-326.34	550.41	150.04	126.18	23.86	6.288		
2,800.00	2,739.59	2,741.12	2,727.06	14.17	11.82	-34.40	-301.44	551.65	125.28	100.05	25.23	4.966		
2,895.39	2,832.14	2,823.41	2,804.55	14.67	12.19	-53.59	-273.82	553.17	115.55	89.03	26.52	4.358 CC		
2,900.00	2,836.62	2,827.27	2,808.14	14.69	12.20	-54.58	-272.40	553.23	115.57	89.01	26.56	4.351 ES, SF		
3,000.00	2,933.65	2,908.77	2,883.08	15.22	12.58	-75.30	-240.39	554.09	129.24	102.32	26.92	4.801		
3,100.00	3,030.68	2,991.41	2,958.09	15.75	12.97	-92.01	-205.71	554.68	163.15	136.26	26.89	6.067		
3,200.00	3,127.71	3,079.45	3,038.55	16.28	13.39	-104.30	-170.00	553.62	205.65	178.30	27.35	7.520		
3,300.00	3,224.74	3,166.36	3,118.72	16.82	13.81	-112.49	-136.51	551.96	251.58	223.67	27.91	9.013		
3,400.00	3,321.76	3,250.12	3,196.01	17.35	14.23	-118.13	-104.29	550.02	300.37	271.92	28.46	10.556		
3,500.00	3,418.79	3,347.10	3,286.28	17.88	14.71	-122.80	-68.89	547.90	349.11	319.55	29.56	11.811		
3,600.00	3,515.82	3,440.45	3,374.04	18.42	15.18	-126.16	-37.13	545.95	396.67	366.17	30.50	13.004		
3,700.00	3,612.85	3,538.52	3,467.01	18.95	15.67	-128.83	-5.99	544.65	442.81	411.24	31.57	14.025		
3,800.00	3,709.88	3,631.70	3,555.85	19.49	16.13	-130.49	22.06	546.59	487.43	454.93	32.51	14.994		
3,900.00	3,806.91	3,707.78	3,627.99	20.02	16.51	-131.42	46.01	549.68	533.30	500.26	33.03	16.144		
4,000.00	3,903.94	3,778.74	3,694.69	20.56	16.87	-132.18	70.10	552.09	581.64	548.19	33.46	17.385		
4,100.00	4,000.97	3,843.10	3,754.58	21.09	17.21	-132.88	93.62	553.08	632.79	599.06	33.73	18.759		
4,200.00	4,098.00	3,903.72	3,810.23	21.63	17.53	-133.54	117.63	552.80	687.10	653.16	33.93	20.248		
4,300.00	4,195.03	3,963.53	3,864.44	22.17	17.86	-134.18	142.89	551.41	744.18	710.04	34.14	21.795		
4,400.00	4,292.06	4,018.86	3,913.88	22.71	18.17	-134.76	167.60	549.21	803.85	769.58	34.27	23.457		
4,500.00	4,389.09	4,074.00	3,962.36	23.25	18.48	-135.31	193.71	546.33	866.11	831.69	34.42	25.160		
4,600.00	4,486.12	4,130.94	4,011.76	23.78	18.81	-135.82	221.82	542.94	930.35	895.68	34.67	26.835		
4,700.00	4,583.15	4,205.45	4,075.90	24.32	19.25	-136.40	259.49	538.44	995.71	960.31	35.40	28.127		
4,800.00	4,680.18	4,800.00	4,184.92	24.86	22.75	-137.20	319.08	532.19	1,058.43	1,018.61	39.82	26.578		
4,900.00	4,777.21	4,566.22	4,401.79	25.40	21.32	-138.63	411.95	522.74	1,113.09	1,071.84	41.25	26.987		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Fagerberg 6N-7C-M - OH - OH		Offset Site Error:	0.00 ft
Survey Program: 229-MWD+IFR1													Offset Well Error:		3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor				
5,000.00	4,874.24	4,689.56	4,518.74	25.94	21.98	-139.38	450.88	518.26	1,161.71	1,119.01	42.69	27.210				
5,100.00	4,971.27	4,793.64	4,618.19	26.48	22.52	-139.92	481.44	515.78	1,208.08	1,164.27	43.80	27.581				
5,200.00	5,068.30	4,883.98	4,704.67	27.02	22.99	-140.37	507.47	513.44	1,254.13	1,209.43	44.69	28.060				
5,300.00	5,165.33	4,973.72	4,790.58	27.56	23.46	-140.77	533.33	511.42	1,300.13	1,254.55	45.58	28.524				
5,400.00	5,262.36	5,062.37	4,875.42	28.10	23.93	-141.11	558.98	509.99	1,346.11	1,299.66	46.45	28.978				
5,500.00	5,359.39	5,133.63	4,943.47	28.64	24.30	-141.30	580.15	509.98	1,392.40	1,345.32	47.08	29.574				
5,600.00	5,456.42	5,184.39	4,991.50	29.18	24.57	-141.40	596.57	510.45	1,440.68	1,393.28	47.40	30.393				
5,700.00	5,553.45	5,240.89	5,044.41	29.72	24.89	-141.46	616.33	511.28	1,491.07	1,443.26	47.81	31.189				
5,800.00	5,650.47	5,301.71	5,101.00	30.27	25.22	-141.51	638.63	512.15	1,542.97	1,494.69	48.28	31.958				
5,900.00	5,747.50	5,381.39	5,174.82	30.81	25.67	-141.56	668.59	513.32	1,595.68	1,546.61	49.07	32.519				
6,000.00	5,844.53	5,523.62	5,307.65	31.35	26.47	-141.69	719.35	515.18	1,646.62	1,595.78	50.83	32.393				
6,100.00	5,941.56	5,629.95	5,407.66	31.89	27.05	-141.81	755.44	516.45	1,696.28	1,644.28	52.00	32.618				
6,200.00	6,038.59	5,727.44	5,499.75	32.43	27.58	-141.90	787.37	518.46	1,744.58	1,691.54	53.04	32.893				
6,300.00	6,135.62	5,793.74	5,562.37	32.97	27.94	-141.97	809.15	519.27	1,793.30	1,739.67	53.63	33.440				
6,400.00	6,232.65	5,846.39	5,611.80	33.51	28.23	-142.03	827.27	519.60	1,843.50	1,789.48	54.02	34.129				
6,500.00	6,329.68	5,923.66	5,684.02	34.06	28.67	-142.11	854.74	519.57	1,894.86	1,840.09	54.77	34.598				
6,600.00	6,426.71	5,997.75	5,753.30	34.60	29.08	-142.21	881.02	518.98	1,946.41	1,890.93	55.48	35.085				
6,655.36	6,480.43	6,034.24	5,787.32	34.90	29.29	-142.26	894.20	518.62	1,975.28	1,919.48	55.80	35.398				
6,700.00	6,524.01	6,067.80	5,818.56	35.13	29.48	-156.76	906.45	518.23	1,998.34	1,942.22	56.12	35.609				
6,750.00	6,573.29	6,110.44	5,858.26	35.36	29.72	178.41	921.98	517.54	2,023.19	1,966.65	56.53	35.789				
6,800.00	6,622.76	6,166.01	5,910.07	35.56	30.04	146.11	942.06	516.33	2,046.81	1,989.69	57.12	35.833				
6,850.00	6,672.13	6,850.00	5,963.65	35.73	33.89	119.10	961.85	515.10	2,068.34	2,007.34	60.99	33.910				
6,900.00	6,721.08	6,283.91	6,020.75	35.88	30.70	102.36	982.57	513.54	2,088.32	2,029.96	58.36	35.781				
6,950.00	6,769.31	6,320.11	6,054.79	36.03	30.90	92.02	994.81	512.15	2,106.98	2,048.31	58.67	35.913				
7,000.00	6,816.53	6,349.37	6,082.27	36.18	31.06	85.21	1,004.75	510.82	2,124.31	2,065.43	58.89	36.073				
7,050.00	6,862.44	6,374.56	6,105.87	36.34	31.21	80.40	1,013.52	509.71	2,140.44	2,081.37	59.07	36.236				
7,100.00	6,906.77	6,398.71	6,128.41	36.50	31.34	76.87	1,022.12	508.70	2,155.34	2,096.08	59.26	36.371				
7,150.00	6,949.23	6,433.00	6,160.30	36.68	31.54	74.38	1,034.65	507.36	2,169.06	2,109.43	59.63	36.375				
7,200.00	6,989.58	6,445.63	6,172.02	36.87	31.61	72.13	1,039.35	506.90	2,181.43	2,121.71	59.72	36.526				
7,250.00	7,027.55	6,470.36	6,194.91	37.09	31.76	70.57	1,048.65	506.03	2,192.55	2,132.51	60.04	36.518				
7,300.00	7,062.91	6,493.28	6,216.09	37.32	31.89	69.36	1,057.37	505.28	2,202.40	2,142.01	60.39	36.471				
7,350.00	7,095.45	6,514.27	6,235.46	37.59	32.01	68.41	1,065.44	504.64	2,211.01	2,150.24	60.77	36.384				
7,400.00	7,124.97	6,627.62	6,340.61	37.88	32.67	69.79	1,107.65	502.04	2,218.18	2,155.59	62.59	35.438				
7,450.00	7,151.28	6,686.63	6,395.96	38.21	33.00	70.27	1,128.11	501.58	2,223.20	2,159.54	63.66	34.925				
7,500.00	7,174.22	6,755.24	6,460.68	38.58	33.37	71.24	1,150.86	502.43	2,226.79	2,161.88	64.91	34.306				
7,550.00	7,193.65	6,812.42	6,514.85	38.98	33.68	72.16	1,168.96	505.12	2,229.15	2,163.08	66.07	33.739				
7,600.00	7,209.45	7,600.00	6,489.68	39.43	37.97	71.14	1,160.47	504.05	2,230.63	2,160.24	70.39	31.688				
7,650.00	7,221.52	6,821.92	6,523.82	39.91	33.73	71.81	1,171.96	506.00	2,231.54	2,164.29	67.25	33.184				
7,700.00	7,229.79	6,823.72	6,525.52	40.42	33.74	71.73	1,172.53	506.18	2,231.76	2,163.86	67.90	32.870				
7,750.00	7,234.21	6,822.90	6,524.74	40.97	33.74	71.69	1,172.27	506.10	2,231.34	2,162.77	68.57	32.541				
7,780.56	7,235.00	6,821.36	6,523.29	41.32	33.73	71.69	1,171.78	505.95	2,230.78	2,161.79	68.99	32.333				
7,800.00	7,235.04	6,820.20	6,522.19	41.54	33.72	71.66	1,171.42	505.84	2,230.43	2,161.16	69.27	32.200				
7,824.66	7,235.10	6,818.81	6,520.88	41.85	33.71	71.62	1,170.98	505.71	2,230.22	2,160.58	69.64	32.025				
7,900.00	7,235.26	7,900.00	6,502.13	42.82	39.61	71.11	1,164.72	504.47	2,231.31	2,155.10	76.21	29.278				
8,000.00	7,235.47	8,000.00	6,499.11	44.25	40.15	71.03	1,163.69	504.37	2,236.59	2,158.19	78.40	28.529				
8,100.00	7,235.68	6,816.97	6,519.17	45.82	33.71	71.57	1,170.37	505.42	2,246.32	2,172.03	74.29	30.238				
8,200.00	7,235.90	6,806.80	6,509.51	47.52	33.65	71.31	1,167.22	504.77	2,260.46	2,184.47	75.98	29.749				
8,300.00	7,236.11	6,798.28	6,501.43	49.34	33.61	71.09	1,164.56	504.28	2,278.87	2,201.15	77.72	29.320				
8,400.00	7,236.32	6,791.04	6,494.57	51.25	33.57	70.91	1,162.29	503.90	2,301.47	2,221.99	79.48	28.958				
8,500.00	7,236.54	6,784.81	6,488.67	53.26	33.53	70.75	1,160.32	503.59	2,328.13	2,246.92	81.22	28.665				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 6N-7C-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 229-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,600.00	7,236.75	6,779.40	6,483.55	55.34	33.51	70.61	1,158.61	503.34	2,358.73	2,275.80	82.93	28.444		
8,700.00	7,236.96	6,774.66	6,479.05	57.50	33.48	70.49	1,157.10	503.14	2,393.10	2,308.52	84.58	28.293		
8,800.00	7,237.17	6,770.46	6,475.08	59.71	33.46	70.38	1,155.76	502.97	2,431.10	2,344.91	86.18	28.209		
8,900.00	7,237.39	6,766.72	6,471.54	61.98	33.44	70.28	1,154.56	502.82	2,472.55	2,384.84	87.71	28.190		
9,000.00	7,237.60	6,763.37	6,468.37	64.29	33.42	70.20	1,153.49	502.70	2,517.29	2,428.13	89.16	28.234		
9,100.00	7,237.81	6,760.35	6,465.51	66.65	33.40	70.12	1,152.51	502.60	2,565.14	2,474.61	90.53	28.335		
9,200.00	7,238.03	6,757.61	6,462.92	69.05	33.39	70.05	1,151.63	502.51	2,615.94	2,524.13	91.82	28.491		
9,300.00	7,238.24	6,755.12	6,460.57	71.48	33.37	69.99	1,150.83	502.43	2,669.52	2,576.50	93.02	28.697		
9,400.00	7,238.45	6,752.85	6,458.41	73.95	33.36	69.93	1,150.09	502.36	2,725.72	2,631.56	94.15	28.950		
9,500.00	7,238.67	6,750.76	6,456.44	76.44	33.35	69.87	1,149.41	502.30	2,784.36	2,689.16	95.20	29.248		
9,600.00	7,238.88	6,748.83	6,454.62	78.96	33.34	69.83	1,148.79	502.25	2,845.32	2,749.14	96.17	29.585		
9,700.00	7,239.09	6,747.06	6,452.94	81.50	33.33	69.78	1,148.21	502.20	2,908.43	2,811.36	97.08	29.960		
9,800.00	7,239.30	6,745.41	6,451.38	84.06	33.32	69.74	1,147.67	502.16	2,973.57	2,875.66	97.91	30.370		
9,900.00	7,239.52	6,743.88	6,449.94	86.64	33.31	69.70	1,147.17	502.12	3,040.60	2,941.91	98.68	30.812		
10,000.00	7,239.73	6,742.45	6,448.59	89.23	33.30	69.66	1,146.71	502.09	3,109.40	3,010.00	99.39	31.284		
10,100.00	7,239.94	6,741.12	6,447.33	91.85	33.30	69.63	1,146.27	502.06	3,179.85	3,079.80	100.05	31.783		
10,200.00	7,240.16	6,739.88	6,446.16	94.47	33.29	69.60	1,145.87	502.03	3,251.85	3,151.20	100.65	32.307		
10,300.00	7,240.37	6,738.71	6,445.05	97.11	33.28	69.57	1,145.48	502.00	3,325.30	3,224.09	101.21	32.855		
10,400.00	7,240.58	6,737.61	6,444.01	99.76	33.28	69.54	1,145.12	501.98	3,400.11	3,298.38	101.73	33.425		
10,500.00	7,240.80	6,736.57	6,443.04	102.43	33.27	69.51	1,144.79	501.96	3,476.18	3,373.98	102.20	34.014		
10,600.00	7,241.01	6,735.60	6,442.11	105.10	33.27	69.49	1,144.46	501.94	3,553.44	3,450.80	102.63	34.623		
10,700.00	7,241.22	6,734.68	6,441.24	107.79	33.26	69.46	1,144.16	501.92	3,631.80	3,528.77	103.03	35.249		
10,800.00	7,241.43	6,733.80	6,440.42	110.48	33.26	69.44	1,143.88	501.91	3,711.21	3,607.81	103.40	35.891		
10,900.00	7,241.65	6,732.98	6,439.64	113.18	33.25	69.42	1,143.60	501.89	3,791.59	3,687.85	103.74	36.548		
11,000.00	7,241.86	6,732.21	6,438.91	115.89	33.25	69.40	1,143.33	501.87	3,873.01	3,769.23	104.05	37.216		
11,100.00	7,242.07	6,731.48	6,438.19	118.60	33.24	69.38	1,143.07	501.85	3,955.16	3,851.08	104.33	37.893		
11,200.00	7,242.29	6,730.79	6,437.49	121.32	33.23	69.36	1,142.82	501.83	4,038.10	3,933.75	104.58	38.576		
11,300.00	7,242.50	6,730.13	6,436.81	124.05	33.22	69.34	1,142.58	501.81	4,121.81	4,017.19	104.81	39.263		
11,400.00	7,242.71	6,729.50	6,436.15	126.78	33.21	69.32	1,142.34	501.79	4,206.22	4,101.37	105.02	40.000		
11,500.00	7,242.93	6,728.90	6,435.51	129.52	33.20	69.30	1,142.11	501.77	4,291.31	4,186.24	105.19	40.737		
11,600.00	7,243.14	6,728.32	6,434.89	132.27	33.19	69.28	1,141.89	501.75	4,377.03	4,271.75	105.34	41.522		
11,700.00	7,243.35	6,727.77	6,434.29	135.02	33.18	69.26	1,141.68	501.73	4,463.34	4,357.88	105.48	42.307		
11,800.00	7,243.57	6,727.23	6,433.71	137.77	33.17	69.24	1,141.48	501.71	4,550.21	4,444.57	105.60	43.093		
11,900.00	7,243.78	6,726.71	6,433.15	140.53	33.16	69.22	1,141.28	501.69	4,637.61	4,531.81	105.70	43.883		
12,000.00	7,243.99	6,726.21	6,432.61	143.29	33.15	69.20	1,141.09	501.67	4,725.51	4,619.56	105.79	44.673		
12,100.00	7,244.20	6,725.72	6,432.09	146.05	33.14	69.18	1,140.90	501.65	4,813.88	4,707.79	105.87	45.463		
12,200.00	7,244.42	6,725.25	6,431.59	148.82	33.13	69.16	1,140.72	501.63	4,902.70	4,796.48	105.94	46.253		
12,300.00	7,244.63	6,724.79	6,431.11	151.60	33.12	69.14	1,140.55	501.61	4,991.95	4,885.60	106.00	47.043		
12,400.00	7,244.84	6,724.34	6,430.64	154.37	33.11	69.12	1,140.38	501.59	5,081.59	4,975.12	106.05	47.833		
12,500.00	7,245.06	6,723.90	6,430.19	157.15	33.10	69.10	1,140.22	501.57	5,171.61	5,065.04	106.10	48.623		
12,600.00	7,245.27	6,723.47	6,429.75	159.93	33.09	69.08	1,140.07	501.55	5,262.00	5,155.32	106.14	49.413		
12,700.00	7,245.48	6,723.05	6,429.32	162.71	33.08	69.06	1,139.92	501.53	5,352.72	5,245.95	106.18	50.203		
12,800.00	7,245.70	6,722.64	6,428.90	165.50	33.07	69.04	1,139.78	501.51	5,443.77	5,336.91	106.21	50.993		
12,900.00	7,245.91	6,722.24	6,428.49	168.29	33.06	69.02	1,139.64	501.49	5,535.13	5,428.19	106.24	51.783		
13,000.00	7,246.12	6,721.84	6,428.09	171.08	33.05	69.00	1,139.50	501.47	5,626.78	5,519.76	106.27	52.573		
13,100.00	7,246.33	6,721.45	6,427.69	173.87	33.04	68.98	1,139.37	501.45	5,718.72	5,611.62	106.29	53.363		
13,200.00	7,246.55	6,721.06	6,427.30	176.67	33.03	68.96	1,139.24	501.43	5,810.92	5,703.75	106.31	54.153		
13,300.00	7,246.76	6,720.68	6,426.91	179.47	33.02	68.94	1,139.11	501.41	5,903.37	5,796.13	106.33	54.943		
13,400.00	7,246.97	6,720.30	6,426.52	182.27	33.01	68.92	1,138.99	501.39	5,996.06	5,888.76	106.35	55.733		
13,500.00	7,247.19	6,720.00	6,426.13	185.07	33.00	68.90	1,138.87	501.37	6,088.99	5,981.63	106.36	56.523		
13,600.00	7,247.40	6,719.71	6,425.75	187.87	32.99	68.88	1,138.75	501.35	6,182.14	6,074.72	106.37	57.313		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Fagerberg 6N-7C-M - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 229-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,247.61	6,711.00	6,418.91	190.68	33.13	68.85	1,136.32	501.63	6,275.50	6,168.02	107.48	58.390		
13,800.00	7,247.83	6,711.00	6,418.91	193.48	33.13	68.85	1,136.32	501.63	6,369.06	6,261.53	107.53	59.231		
13,900.00	7,248.04	6,711.00	6,418.91	196.29	33.13	68.85	1,136.32	501.63	6,462.81	6,355.23	107.58	60.074		
14,000.00	7,248.25	6,711.00	6,418.91	199.10	33.13	68.85	1,136.32	501.63	6,556.75	6,449.12	107.63	60.920		
14,100.00	7,248.46	6,711.00	6,418.91	201.91	33.13	68.85	1,136.32	501.63	6,650.86	6,543.18	107.68	61.767		
14,200.00	7,248.68	6,711.00	6,418.91	204.72	33.13	68.85	1,136.32	501.63	6,745.14	6,637.42	107.72	62.615		
14,300.00	7,248.89	6,711.00	6,418.91	207.53	33.13	68.85	1,136.32	501.63	6,839.59	6,731.82	107.77	63.466		
14,400.00	7,249.10	6,711.00	6,418.91	210.35	33.13	68.85	1,136.32	501.63	6,934.19	6,826.38	107.81	64.318		
14,500.00	7,249.32	6,711.00	6,418.91	213.16	33.13	68.85	1,136.32	501.63	7,028.94	6,921.09	107.85	65.171		
14,600.00	7,249.53	6,711.00	6,418.91	215.98	33.13	68.85	1,136.32	501.63	7,123.84	7,015.94	107.89	66.026		
14,700.00	7,249.74	6,711.00	6,418.91	218.80	33.13	68.85	1,136.32	501.63	7,218.87	7,110.94	107.93	66.882		
14,800.00	7,249.96	6,711.00	6,418.91	221.62	33.13	68.85	1,136.32	501.63	7,314.04	7,206.06	107.97	67.739		
14,900.00	7,250.17	6,711.00	6,418.91	224.44	33.13	68.85	1,136.32	501.63	7,409.33	7,301.32	108.01	68.597		
15,000.00	7,250.38	6,711.00	6,418.91	227.26	33.13	68.85	1,136.32	501.63	7,504.74	7,396.69	108.05	69.456		
15,100.00	7,250.59	6,711.00	6,418.91	230.08	33.13	68.85	1,136.32	501.63	7,600.28	7,492.19	108.09	70.316		
15,200.00	7,250.81	6,711.00	6,418.91	232.90	33.13	68.85	1,136.32	501.63	7,695.92	7,587.80	108.12	71.176		
15,300.00	7,251.02	6,711.00	6,418.91	235.72	33.13	68.85	1,136.32	501.63	7,791.68	7,683.52	108.16	72.038		
15,400.00	7,251.23	6,711.00	6,418.91	238.55	33.13	68.85	1,136.32	501.63	7,887.54	7,779.34	108.20	72.900		
15,500.00	7,251.45	6,711.00	6,418.91	241.37	33.13	68.85	1,136.32	501.63	7,983.50	7,875.27	108.23	73.762		
15,600.00	7,251.66	6,711.00	6,418.91	244.20	33.13	68.85	1,136.32	501.63	8,079.56	7,971.29	108.27	74.625		
15,700.00	7,251.87	6,711.00	6,418.91	247.03	33.13	68.85	1,136.32	501.63	8,175.72	8,067.41	108.30	75.489		
15,800.00	7,252.09	6,711.00	6,418.91	249.85	33.13	68.85	1,136.32	501.63	8,271.96	8,163.62	108.34	76.353		
15,900.00	7,252.30	6,711.00	6,418.91	252.68	33.13	68.85	1,136.32	501.63	8,368.30	8,259.92	108.37	77.217		
16,000.00	7,252.51	6,711.00	6,418.91	255.51	33.13	68.85	1,136.32	501.63	8,464.72	8,356.31	108.41	78.081		
16,100.00	7,252.72	6,711.00	6,418.91	258.34	33.13	68.85	1,136.32	501.63	8,561.22	8,452.77	108.44	78.946		
16,200.00	7,252.94	6,711.00	6,418.91	261.17	33.13	68.85	1,136.32	501.63	8,657.80	8,549.32	108.48	79.811		
16,300.00	7,253.15	6,711.00	6,418.91	264.00	33.13	68.85	1,136.32	501.63	8,754.45	8,645.94	108.51	80.676		
16,400.00	7,253.36	6,711.00	6,418.91	266.83	33.13	68.85	1,136.32	501.63	8,851.19	8,742.64	108.55	81.541		
16,500.00	7,253.58	6,711.00	6,418.91	269.66	33.13	68.85	1,136.32	501.63	8,947.99	8,839.41	108.58	82.406		
16,600.00	7,253.79	6,711.00	6,418.91	272.50	33.13	68.85	1,136.32	501.63	9,044.86	8,936.24	108.62	83.271		
16,700.00	7,254.00	6,711.00	6,418.91	275.33	33.13	68.85	1,136.32	501.63	9,141.80	9,033.15	108.66	84.136		
16,800.00	7,254.22	6,711.00	6,418.91	278.16	33.13	68.85	1,136.32	501.63	9,238.81	9,130.12	108.69	85.001		
16,900.00	7,254.43	6,711.00	6,418.91	281.00	33.13	68.85	1,136.32	501.63	9,335.88	9,227.15	108.73	85.865		
17,000.00	7,254.64	6,711.00	6,418.91	283.83	33.13	68.85	1,136.32	501.63	9,433.01	9,324.24	108.76	86.730		
17,100.00	7,254.85	6,711.00	6,418.91	286.67	33.13	68.85	1,136.32	501.63	9,530.20	9,421.40	108.80	87.594		
17,200.00	7,255.07	6,711.00	6,418.91	289.50	33.13	68.85	1,136.32	501.63	9,627.44	9,518.61	108.84	88.458		
17,300.00	7,255.28	6,711.00	6,418.91	292.34	33.13	68.85	1,136.32	501.63	9,724.75	9,615.87	108.87	89.322		
17,400.00	7,255.49	6,711.00	6,418.91	295.17	33.13	68.85	1,136.32	501.63	9,822.10	9,713.19	108.91	90.185		
17,500.00	7,255.71	6,711.00	6,418.91	298.01	33.13	68.85	1,136.32	501.63	9,919.51	9,810.57	108.95	91.048		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 16N-9B-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-180.00	-14.94	0.00	14.94					
100.00	100.00	100.00	100.00	3.28	3.28	-180.00	-14.94	0.00	14.94	8.37	6.57	2.274		
200.00	200.00	200.00	200.00	3.34	3.34	-180.00	-14.94	0.00	14.94	8.26	6.67	2.238 CC		
300.00	300.00	299.61	299.59	3.44	3.44	175.51	-16.12	1.27	16.17	9.28	6.89	2.347		
400.00	399.98	399.07	398.91	3.60	3.59	43.93	-19.65	5.06	19.03	11.82	7.21	2.638		
500.00	499.84	498.41	497.87	3.79	3.79	40.16	-25.53	11.36	22.34	14.71	7.63	2.928		
600.00	599.45	597.63	596.35	4.03	4.03	38.27	-33.73	20.15	25.96	17.84	8.13	3.195		
700.00	698.70	696.71	694.23	4.30	4.31	37.64	-44.23	31.41	29.85	21.15	8.70	3.433		
800.00	797.47	795.67	791.39	4.61	4.63	37.84	-57.02	45.13	33.98	24.65	9.32	3.644		
900.00	895.62	894.50	887.72	4.95	4.99	38.60	-72.07	61.27	38.34	28.34	10.00	3.834		
1,000.00	993.06	993.20	983.10	5.33	5.39	39.73	-89.35	79.80	42.95	32.22	10.73	4.004		
1,100.00	1,090.08	1,106.92	1,079.18	5.74	5.89	40.95	-107.97	99.76	47.69	36.15	11.53	4.134		
1,200.00	1,187.11	1,207.03	1,175.26	6.17	6.35	41.95	-126.58	119.73	52.44	40.11	12.34	4.251		
1,300.00	1,284.14	1,307.15	1,271.35	6.61	6.83	42.78	-145.20	139.69	57.21	44.04	13.17	4.343		
1,400.00	1,381.17	1,392.73	1,367.43	7.07	7.25	43.49	-163.82	159.65	62.00	48.02	13.97	4.437		
1,500.00	1,478.20	1,507.39	1,463.51	7.55	7.82	44.09	-182.43	179.62	66.78	51.86	14.93	4.474		
1,600.00	1,575.23	1,607.50	1,559.59	8.03	8.34	44.61	-201.05	199.58	71.58	55.75	15.83	4.521		
1,700.00	1,672.26	1,707.62	1,655.67	8.52	8.86	45.07	-219.66	219.54	76.38	59.62	16.76	4.558		
1,800.00	1,769.29	1,807.74	1,751.75	9.01	9.38	45.47	-238.28	239.51	81.19	63.49	17.70	4.588		
1,900.00	1,866.32	1,907.85	1,847.83	9.51	9.91	45.83	-256.90	259.47	85.99	67.35	18.65	4.612		
2,000.00	1,963.35	2,007.97	1,943.91	10.02	10.45	46.15	-275.51	279.43	90.80	71.20	19.61	4.632		
2,100.00	2,060.38	2,108.09	2,039.99	10.53	10.99	46.44	-294.13	299.40	95.62	75.04	20.57	4.647		
2,200.00	2,157.41	2,191.80	2,136.07	11.04	11.45	46.70	-312.75	319.36	100.43	78.97	21.47	4.678		
2,300.00	2,254.44	2,308.32	2,232.15	11.56	12.08	46.94	-331.36	339.33	105.25	82.72	22.53	4.671		
2,400.00	2,351.47	2,408.44	2,328.23	12.07	12.63	47.15	-349.98	359.29	110.07	86.55	23.52	4.680		
2,500.00	2,448.50	2,508.56	2,424.31	12.59	13.18	47.35	-368.60	379.25	114.89	90.38	24.51	4.687		
2,600.00	2,545.53	2,591.33	2,520.39	13.12	13.64	47.53	-387.21	399.22	119.72	94.29	25.43	4.709		
2,700.00	2,642.56	2,708.79	2,616.47	13.64	14.29	47.70	-405.83	419.18	124.54	98.02	26.51	4.697		
2,800.00	2,739.59	2,808.91	2,712.56	14.17	14.85	47.85	-424.44	439.14	129.36	101.84	27.52	4.701		
2,900.00	2,836.62	2,909.02	2,808.64	14.69	15.40	48.00	-443.06	459.11	134.19	105.66	28.53	4.704		
3,000.00	2,933.65	2,990.86	2,904.72	15.22	15.86	48.13	-461.68	479.07	139.01	109.57	29.45	4.721		
3,100.00	3,030.68	3,109.26	3,000.80	15.75	16.52	48.26	-480.29	499.03	143.84	113.29	30.55	4.708		
3,200.00	3,127.71	3,209.38	3,096.88	16.28	17.08	48.37	-498.91	519.00	148.67	117.10	31.57	4.709		
3,300.00	3,224.74	3,309.49	3,192.96	16.82	17.65	48.48	-517.53	538.96	153.50	120.91	32.59	4.710		
3,400.00	3,321.76	3,409.61	3,289.04	17.35	18.21	48.59	-536.14	558.92	158.33	124.72	33.61	4.711		
3,500.00	3,418.79	3,509.73	3,385.12	17.88	18.77	48.68	-554.76	578.89	163.15	128.53	34.63	4.712		
3,600.00	3,515.82	3,609.84	3,481.20	18.42	19.34	48.77	-573.38	598.85	167.98	132.33	35.65	4.712		
3,700.00	3,612.85	3,709.96	3,577.28	18.95	19.90	48.86	-591.99	618.82	172.81	136.14	36.68	4.712		
3,800.00	3,709.88	3,789.92	3,673.36	19.49	20.35	48.94	-610.61	638.78	177.64	140.05	37.60	4.725		
3,900.00	3,806.91	3,889.81	3,769.44	20.02	20.92	49.02	-629.22	658.74	182.47	143.85	38.62	4.724		
4,000.00	3,903.94	3,989.69	3,865.52	20.56	21.48	49.09	-647.84	678.71	187.31	147.66	39.65	4.724		
4,100.00	4,000.97	4,089.57	3,961.60	21.09	22.05	49.16	-666.46	698.67	192.14	151.46	40.68	4.723		
4,200.00	4,098.00	4,189.45	4,057.68	21.63	22.61	49.23	-685.07	718.63	196.97	155.26	41.71	4.723		
4,300.00	4,195.03	4,289.34	4,153.77	22.17	23.18	49.29	-703.69	738.60	201.80	159.06	42.74	4.722		
4,400.00	4,292.06	4,389.22	4,249.85	22.71	23.74	49.35	-722.31	758.56	206.63	162.86	43.77	4.721		
4,500.00	4,389.09	4,489.10	4,345.93	23.25	24.31	49.41	-740.92	778.52	211.46	166.66	44.80	4.720		
4,600.00	4,486.12	4,588.99	4,442.01	23.78	24.88	49.46	-759.54	798.49	216.30	170.46	45.83	4.719		
4,700.00	4,583.15	4,688.87	4,538.09	24.32	25.45	49.51	-778.16	818.45	221.13	174.26	46.86	4.719		
4,800.00	4,680.18	4,788.75	4,634.17	24.86	26.01	49.56	-796.77	838.42	225.96	178.06	47.90	4.718		
4,900.00	4,777.21	4,888.64	4,730.25	25.40	26.58	49.61	-815.39	858.38	230.79	181.86	48.93	4.717		
5,000.00	4,874.24	4,988.52	4,826.33	25.94	27.15	49.66	-834.00	878.34	235.63	185.66	49.97	4.716		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 16N-9B-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	5,088.40	4,922.41	26.48	27.72	49.70	-852.62	898.31	240.46	189.46	51.00	4.715		
5,200.00	5,068.30	5,188.28	5,018.49	27.02	28.29	49.74	-871.24	918.27	245.29	193.26	52.04	4.714		
5,300.00	5,165.33	5,288.17	5,114.57	27.56	28.85	49.78	-889.85	938.23	250.13	197.05	53.07	4.713		
5,400.00	5,262.36	5,388.05	5,210.65	28.10	29.42	49.82	-908.47	958.20	254.96	200.85	54.11	4.712		
5,500.00	5,359.39	5,487.93	5,306.73	28.64	29.99	49.86	-927.09	978.16	259.79	204.65	55.15	4.711		
5,600.00	5,456.42	5,587.82	5,402.81	29.18	30.56	49.90	-945.70	998.12	264.63	208.44	56.18	4.710		
5,700.00	5,553.45	5,687.70	5,498.89	29.72	31.13	49.93	-964.32	1,018.09	269.46	212.24	57.22	4.709		
5,800.00	5,650.47	5,787.58	5,594.98	30.27	31.70	49.97	-982.94	1,038.05	274.29	216.04	58.26	4.708		
5,900.00	5,747.50	5,887.47	5,691.06	30.81	32.27	50.00	-1,001.55	1,058.02	279.13	219.83	59.30	4.707		
6,000.00	5,844.53	5,987.35	5,787.14	31.35	32.84	50.03	-1,020.17	1,077.98	283.96	223.63	60.34	4.706		
6,100.00	5,941.56	6,087.23	5,883.22	31.89	33.41	50.06	-1,038.78	1,097.94	288.80	227.42	61.38	4.705		
6,200.00	6,038.59	6,187.11	5,979.30	32.43	33.98	50.09	-1,057.40	1,117.91	293.63	231.22	62.41	4.705		
6,300.00	6,135.62	6,287.00	6,075.38	32.97	34.55	50.12	-1,076.02	1,137.87	298.47	235.01	63.45	4.704		
6,400.00	6,232.65	6,386.88	6,171.46	33.51	35.12	50.15	-1,094.63	1,157.83	303.30	238.81	64.49	4.703		
6,500.00	6,329.68	6,486.76	6,267.54	34.06	35.69	50.17	-1,113.25	1,177.80	308.13	242.60	65.53	4.702		
6,600.00	6,426.71	6,588.23	6,365.52	34.60	36.25	50.60	-1,132.22	1,195.91	312.84	246.20	66.63	4.695		
6,655.36	6,480.43	6,644.43	6,420.54	34.90	36.51	51.91	-1,142.84	1,200.06	315.18	247.84	67.34	4.680		
6,700.00	6,524.01	6,688.92	6,464.21	35.13	36.69	41.26	-1,151.24	1,199.83	317.15	249.24	67.91	4.670		
6,750.00	6,573.29	6,738.13	6,512.38	35.36	36.86	20.45	-1,160.50	1,195.96	319.55	251.06	68.49	4.666		
6,800.00	6,622.76	6,786.72	6,559.51	35.56	37.01	-8.23	-1,169.53	1,188.44	322.14	253.14	69.00	4.669		
6,850.00	6,672.13	6,834.73	6,605.40	35.73	37.14	-32.01	-1,178.30	1,177.43	324.88	255.42	69.45	4.678		
6,900.00	6,721.08	6,882.18	6,649.83	35.88	37.28	-45.92	-1,186.77	1,163.12	327.74	257.88	69.86	4.692		
6,950.00	6,769.31	6,929.11	6,692.62	36.03	37.41	-53.52	-1,194.90	1,145.70	330.68	260.47	70.21	4.710		
7,000.00	6,816.53	6,975.55	6,733.62	36.18	37.54	-57.79	-1,202.68	1,125.34	333.67	263.15	70.53	4.731		
7,050.00	6,862.44	7,021.53	6,772.68	36.34	37.68	-60.24	-1,210.06	1,102.24	336.67	265.87	70.80	4.755		
7,100.00	6,906.77	7,067.10	6,809.67	36.50	37.82	-61.65	-1,217.03	1,076.59	339.65	268.60	71.04	4.781		
7,150.00	6,949.23	7,112.27	6,844.48	36.68	37.98	-62.43	-1,223.56	1,048.55	342.55	271.28	71.26	4.807		
7,200.00	6,989.58	7,157.09	6,877.00	36.87	38.15	-62.82	-1,229.65	1,018.33	345.34	273.88	71.47	4.832		
7,250.00	7,027.55	7,201.58	6,907.14	37.09	38.34	-62.97	-1,235.26	986.10	348.00	276.33	71.67	4.856		
7,300.00	7,062.91	7,245.78	6,934.82	37.32	38.55	-62.96	-1,240.39	952.04	350.48	278.59	71.89	4.875		
7,350.00	7,095.45	7,289.72	6,959.97	37.59	38.78	-62.86	-1,245.02	916.33	352.76	280.62	72.14	4.890		
7,400.00	7,124.97	7,333.42	6,982.54	37.88	39.04	-62.71	-1,249.14	879.14	354.80	282.37	72.43	4.899		
7,450.00	7,151.28	7,376.91	7,002.46	38.21	39.32	-62.53	-1,252.75	840.66	356.59	283.81	72.78	4.900		
7,500.00	7,174.22	7,420.22	7,019.68	38.58	39.62	-62.35	-1,255.83	801.04	358.09	284.89	73.20	4.892		
7,550.00	7,193.65	7,463.39	7,034.18	38.98	39.96	-62.19	-1,258.39	760.48	359.29	285.59	73.70	4.875		
7,600.00	7,209.45	7,506.43	7,045.92	39.43	40.32	-62.05	-1,260.40	719.12	360.18	285.89	74.29	4.848		
7,650.00	7,221.52	7,549.37	7,054.88	39.91	40.71	-61.95	-1,261.88	677.16	360.74	285.76	74.98	4.811		
7,700.00	7,229.79	7,592.25	7,061.02	40.42	41.13	-61.88	-1,262.81	634.74	360.96	285.18	75.78	4.763		
7,750.00	7,234.21	7,635.08	7,064.35	40.97	41.57	-61.86	-1,263.20	592.05	360.84	284.17	76.67	4.706		
7,780.56	7,235.00	7,662.64	7,065.00	41.32	41.86	-61.87	-1,263.17	566.00	360.60	283.32	77.27	4.666		
7,800.00	7,235.04	7,680.58	7,065.06	41.54	42.06	-61.86	-1,263.07	546.56	360.41	282.69	77.72	4.637		
7,900.00	7,235.26	7,780.57	7,065.41	42.82	43.28	-61.80	-1,262.54	446.57	359.44	279.20	80.24	4.479		
8,000.00	7,235.47	7,880.57	7,065.75	44.25	44.66	-61.74	-1,262.02	346.58	358.47	275.47	83.00	4.319		
8,100.00	7,235.68	7,980.56	7,066.09	45.82	46.19	-61.68	-1,261.50	246.58	357.50	271.54	85.96	4.159		
8,200.00	7,235.90	8,080.56	7,066.44	47.52	47.86	-61.62	-1,260.97	146.59	356.52	267.41	89.11	4.001		
8,300.00	7,236.11	8,180.55	7,066.78	49.34	49.65	-61.56	-1,260.45	46.60	355.55	263.12	92.44	3.846		
8,400.00	7,236.32	8,280.55	7,067.12	51.25	51.54	-61.50	-1,259.92	-53.39	354.58	258.67	95.91	3.697		
8,500.00	7,236.54	8,380.54	7,067.47	53.26	53.53	-61.43	-1,259.40	-153.39	353.61	254.09	99.52	3.553		
8,600.00	7,236.75	8,480.54	7,067.81	55.34	55.60	-61.37	-1,258.87	-253.38	352.65	249.40	103.25	3.416		
8,700.00	7,236.96	8,580.53	7,068.16	57.50	57.74	-61.31	-1,258.35	-353.37	351.68	244.59	107.08	3.284		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 16N-9B-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	8,680.53	7,068.50	59.71	59.95	-61.25	-1,257.82	-453.36	350.71	239.70	111.01	3.159		
8,900.00	7,237.39	8,780.52	7,068.84	61.98	62.21	-61.19	-1,257.30	-553.36	349.74	234.72	115.02	3.041		
9,000.00	7,237.60	8,880.51	7,069.19	64.29	64.52	-61.12	-1,256.77	-653.35	348.77	229.66	119.11	2.928		
9,100.00	7,237.81	8,980.51	7,069.53	66.65	66.88	-61.06	-1,256.25	-753.34	347.80	224.54	123.26	2.822		
9,200.00	7,238.03	9,080.50	7,069.87	69.05	69.27	-61.00	-1,255.73	-853.33	346.84	219.37	127.47	2.721		
9,300.00	7,238.24	9,180.50	7,070.22	71.48	71.71	-60.93	-1,255.20	-953.33	345.87	214.13	131.74	2.625		
9,400.00	7,238.45	9,280.49	7,070.56	73.95	74.17	-60.87	-1,254.68	-1,053.32	344.91	208.86	136.05	2.535		
9,500.00	7,238.67	9,380.49	7,070.90	76.44	76.66	-60.80	-1,254.15	-1,153.31	343.94	203.54	140.40	2.450		
9,600.00	7,238.88	9,480.48	7,071.25	78.96	79.18	-60.74	-1,253.63	-1,253.30	342.97	198.18	144.79	2.369		
9,700.00	7,239.09	9,580.48	7,071.59	81.50	81.72	-60.67	-1,253.10	-1,353.30	342.01	192.79	149.22	2.292		
9,800.00	7,239.30	9,680.47	7,071.94	84.06	84.28	-60.61	-1,252.58	-1,453.29	341.05	187.37	153.68	2.219		
9,900.00	7,239.52	9,780.47	7,072.28	86.64	86.86	-60.54	-1,252.05	-1,553.28	340.08	181.92	158.16	2.150		
10,000.00	7,239.73	9,880.46	7,072.62	89.23	89.46	-60.47	-1,251.53	-1,653.28	339.12	176.45	162.66	2.085		
10,100.00	7,239.94	9,980.46	7,072.97	91.85	92.07	-60.41	-1,251.01	-1,753.27	338.16	170.96	167.19	2.023		
10,200.00	7,240.16	10,080.45	7,073.31	94.47	94.70	-60.34	-1,250.48	-1,853.26	337.19	165.45	171.74	1.963		
10,300.00	7,240.37	10,180.44	7,073.65	97.11	97.35	-60.27	-1,249.96	-1,953.25	336.23	159.93	176.30	1.907		
10,400.00	7,240.58	10,280.44	7,074.00	99.76	100.00	-60.20	-1,249.43	-2,053.25	335.27	154.39	180.88	1.854		
10,500.00	7,240.80	10,380.43	7,074.34	102.43	102.67	-60.14	-1,248.91	-2,153.24	334.31	148.83	185.48	1.802		
10,600.00	7,241.01	10,480.43	7,074.69	105.10	105.34	-60.07	-1,248.38	-2,253.23	333.35	143.27	190.08	1.754		
10,700.00	7,241.22	10,580.42	7,075.03	107.79	108.03	-60.00	-1,247.86	-2,353.22	332.39	137.69	194.69	1.707		
10,800.00	7,241.43	10,680.42	7,075.37	110.48	110.72	-59.93	-1,247.33	-2,453.22	331.43	132.11	199.32	1.663		
10,900.00	7,241.65	10,780.41	7,075.72	113.18	113.43	-59.86	-1,246.81	-2,553.21	330.47	126.52	203.95	1.620		
11,000.00	7,241.86	10,880.41	7,076.06	115.89	116.14	-59.79	-1,246.29	-2,653.20	329.51	120.92	208.59	1.580		
11,100.00	7,242.07	10,980.40	7,076.40	118.60	118.85	-59.72	-1,245.76	-2,753.19	328.55	115.32	213.23	1.541		
11,200.00	7,242.29	11,080.40	7,076.75	121.32	121.58	-59.64	-1,245.24	-2,853.19	327.60	109.71	217.88	1.504		
11,300.00	7,242.50	11,180.39	7,077.09	124.05	124.31	-59.57	-1,244.71	-2,953.18	326.64	104.10	222.54	1.468 Level 3		
11,400.00	7,242.71	11,280.38	7,077.43	126.78	127.05	-59.50	-1,244.19	-3,053.17	325.68	98.49	227.20	1.433 Level 3		
11,500.00	7,242.93	11,380.38	7,077.78	129.52	129.79	-59.43	-1,243.66	-3,153.16	324.73	92.87	231.85	1.401 Level 3		
11,600.00	7,243.14	11,480.37	7,078.12	132.27	132.54	-59.36	-1,243.14	-3,253.16	323.77	87.26	236.52	1.369 Level 3		
11,700.00	7,243.35	11,580.37	7,078.47	135.02	135.29	-59.28	-1,242.61	-3,353.15	322.82	81.64	241.18	1.339 Level 3		
11,800.00	7,243.57	11,680.36	7,078.81	137.77	138.04	-59.21	-1,242.09	-3,453.14	321.86	76.02	245.84	1.309 Level 3		
11,900.00	7,243.78	11,780.36	7,079.15	140.53	140.81	-59.13	-1,241.57	-3,553.14	320.91	70.40	250.50	1.281 Level 3		
12,000.00	7,243.99	11,880.35	7,079.50	143.29	143.57	-59.06	-1,241.04	-3,653.13	319.96	64.79	255.17	1.254 Level 3		
12,100.00	7,244.20	11,980.35	7,079.84	146.05	146.34	-58.98	-1,240.52	-3,753.12	319.00	59.18	259.83	1.228 Level 2		
12,200.00	7,244.42	12,080.34	7,080.18	148.82	149.11	-58.91	-1,239.99	-3,853.11	318.05	53.56	264.49	1.203 Level 2		
12,300.00	7,244.63	12,180.34	7,080.53	151.60	151.89	-58.83	-1,239.47	-3,953.11	317.10	47.95	269.15	1.178 Level 2		
12,400.00	7,244.84	12,280.33	7,080.87	154.37	154.66	-58.76	-1,238.94	-4,053.10	316.15	42.35	273.80	1.155 Level 2		
12,500.00	7,245.06	12,380.33	7,081.22	157.15	157.45	-58.68	-1,238.42	-4,153.09	315.20	36.74	278.45	1.132 Level 2		
12,600.00	7,245.27	12,480.32	7,081.56	159.93	160.23	-58.60	-1,237.89	-4,253.08	314.25	31.14	283.10	1.110 Level 2		
12,700.00	7,245.48	12,580.31	7,081.90	162.71	163.02	-58.52	-1,237.37	-4,353.08	313.30	25.55	287.75	1.089 Level 2		
12,800.00	7,245.70	12,680.31	7,082.25	165.50	165.81	-58.44	-1,236.85	-4,453.07	312.35	19.96	292.39	1.068 Level 2		
12,900.00	7,245.91	12,780.30	7,082.59	168.29	168.60	-58.37	-1,236.32	-4,553.06	311.40	14.37	297.03	1.048 Level 2		
13,000.00	7,246.12	12,880.30	7,082.93	171.08	171.39	-58.29	-1,235.80	-4,653.05	310.45	8.79	301.66	1.029 Level 2		
13,100.00	7,246.33	12,980.29	7,083.28	173.87	174.19	-58.21	-1,235.27	-4,753.05	309.51	3.22	306.29	1.011 Level 2		
13,200.00	7,246.55	13,080.29	7,083.62	176.67	176.99	-58.13	-1,234.75	-4,853.04	308.56	-2.35	310.91	0.992 Level 1		
13,300.00	7,246.76	13,180.28	7,083.96	179.47	179.79	-58.04	-1,234.22	-4,953.03	307.62	-7.92	315.53	0.975 Level 1		
13,400.00	7,246.97	13,280.28	7,084.31	182.27	182.59	-57.96	-1,233.70	-5,053.02	306.67	-13.47	320.14	0.958 Level 1		
13,500.00	7,247.19	13,380.27	7,084.65	185.07	185.40	-57.88	-1,233.17	-5,153.02	305.73	-19.02	324.75	0.941 Level 1		
13,600.00	7,247.40	13,480.27	7,085.00	187.87	188.20	-57.80	-1,232.65	-5,253.01	304.78	-24.57	329.35	0.925 Level 1		
13,700.00	7,247.61	13,580.26	7,085.34	190.68	191.01	-57.72	-1,232.13	-5,353.00	303.84	-30.10	333.94	0.910 Level 1		
13,800.00	7,247.83	13,680.25	7,085.68	193.48	193.82	-57.63	-1,231.60	-5,452.99	302.90	-35.63	338.53	0.895 Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 16N-9B-L - OH - Plan #1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD+IFR1													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.04	13,780.25	7,086.03	196.29	196.63	-57.55	-1,231.08	-5,552.99	301.95	-41.15	343.11	0.880	Level 1	
14,000.00	7,248.25	13,880.24	7,086.37	199.10	199.44	-57.46	-1,230.55	-5,652.98	301.01	-46.66	347.68	0.866	Level 1	
14,100.00	7,248.46	13,980.24	7,086.71	201.91	202.25	-57.38	-1,230.03	-5,752.97	300.07	-52.17	352.24	0.852	Level 1	
14,200.00	7,248.68	14,080.23	7,087.06	204.72	205.07	-57.29	-1,229.50	-5,852.97	299.13	-57.67	356.80	0.838	Level 1	
14,300.00	7,248.89	14,180.23	7,087.40	207.53	207.89	-57.21	-1,228.98	-5,952.96	298.19	-63.15	361.35	0.825	Level 1	
14,400.00	7,249.10	14,280.22	7,087.75	210.35	210.70	-57.12	-1,228.45	-6,052.95	297.25	-68.63	365.89	0.812	Level 1	
14,500.00	7,249.32	14,380.22	7,088.09	213.16	213.52	-57.03	-1,227.93	-6,152.94	296.32	-74.10	370.42	0.800	Level 1	
14,600.00	7,249.53	14,480.21	7,088.43	215.98	216.34	-56.95	-1,227.40	-6,252.94	295.38	-79.56	374.94	0.788	Level 1	
14,700.00	7,249.74	14,580.21	7,088.78	218.80	219.16	-56.86	-1,226.88	-6,352.93	294.44	-85.01	379.46	0.776	Level 1	
14,800.00	7,249.96	14,680.20	7,089.12	221.62	221.98	-56.77	-1,226.36	-6,452.92	293.51	-90.45	383.96	0.764	Level 1	
14,900.00	7,250.17	14,780.20	7,089.46	224.44	224.81	-56.68	-1,225.83	-6,552.91	292.57	-95.88	388.46	0.753	Level 1	
15,000.00	7,250.38	14,880.19	7,089.81	227.26	227.63	-56.59	-1,225.31	-6,652.91	291.64	-101.31	392.94	0.742	Level 1	
15,100.00	7,250.59	14,980.18	7,090.15	230.08	230.46	-56.50	-1,224.78	-6,752.90	290.70	-106.72	397.42	0.731	Level 1	
15,200.00	7,250.81	15,080.18	7,090.49	232.90	233.28	-56.41	-1,224.26	-6,852.89	289.77	-112.12	401.89	0.721	Level 1	
15,300.00	7,251.02	15,180.17	7,090.84	235.72	236.11	-56.32	-1,223.73	-6,952.88	288.84	-117.50	406.34	0.711	Level 1	
15,381.94	7,251.19	15,259.43	7,091.11	238.04	238.35	-56.26	-1,223.50	-7,032.14	288.24	-121.77	410.01	0.703	Level 1	
15,400.00	7,251.23	15,276.09	7,091.17	238.55	238.82	-56.27	-1,223.65	-7,048.80	288.28	-122.58	410.87	0.702	Level 1	
15,500.00	7,251.45	15,371.85	7,091.50	241.37	241.51	-56.50	-1,226.02	-7,144.52	289.83	-126.52	416.35	0.696	Level 1	
15,600.00	7,251.66	15,471.82	7,091.86	244.20	244.33	-56.79	-1,228.96	-7,244.45	291.79	-130.50	422.29	0.691	Level 1	
15,700.00	7,251.87	15,571.79	7,092.21	247.03	247.14	-57.07	-1,231.90	-7,344.38	293.75	-134.48	428.22	0.686	Level 1	
15,800.00	7,252.09	15,671.76	7,092.56	249.85	249.95	-57.35	-1,234.84	-7,444.30	295.72	-138.45	434.17	0.681	Level 1	
15,900.00	7,252.30	15,771.73	7,092.91	252.68	252.77	-57.62	-1,237.78	-7,544.23	297.70	-142.42	440.11	0.676	Level 1	
16,000.00	7,252.51	15,871.70	7,093.26	255.51	255.58	-57.90	-1,240.72	-7,644.16	299.68	-146.39	446.07	0.672	Level 1	
16,100.00	7,252.72	15,971.67	7,093.61	258.34	258.40	-58.16	-1,243.66	-7,744.08	301.67	-150.35	452.02	0.667	Level 1	
16,200.00	7,252.94	16,071.64	7,093.97	261.17	261.22	-58.43	-1,246.60	-7,844.01	303.67	-154.31	457.98	0.663	Level 1	
16,300.00	7,253.15	16,171.61	7,094.32	264.00	264.03	-58.69	-1,249.54	-7,943.94	305.67	-158.27	463.94	0.659	Level 1	
16,400.00	7,253.36	16,271.58	7,094.67	266.83	266.85	-58.95	-1,252.47	-8,043.86	307.68	-162.23	469.90	0.655	Level 1	
16,500.00	7,253.58	16,371.55	7,095.02	269.66	269.67	-59.20	-1,255.41	-8,143.79	309.69	-166.18	475.87	0.651	Level 1	
16,600.00	7,253.79	16,471.52	7,095.37	272.50	272.49	-59.45	-1,258.35	-8,243.72	311.72	-170.13	481.84	0.647	Level 1	
16,700.00	7,254.00	16,571.49	7,095.72	275.33	275.31	-59.70	-1,261.29	-8,343.64	313.74	-174.07	487.81	0.643	Level 1	
16,800.00	7,254.22	16,671.46	7,096.08	278.16	278.13	-59.94	-1,264.23	-8,443.57	315.78	-178.01	493.79	0.639	Level 1	
16,900.00	7,254.43	16,771.43	7,096.43	281.00	280.95	-60.18	-1,267.17	-8,543.50	317.81	-181.95	499.76	0.636	Level 1	
17,000.00	7,254.64	16,871.40	7,096.78	283.83	283.78	-60.42	-1,270.11	-8,643.42	319.86	-185.88	505.74	0.632	Level 1	
17,100.00	7,254.85	16,971.37	7,097.13	286.67	286.60	-60.66	-1,273.05	-8,743.35	321.91	-189.81	511.72	0.629	Level 1	
17,200.00	7,255.07	17,071.34	7,097.48	289.50	289.42	-60.89	-1,275.99	-8,843.27	323.96	-193.74	517.70	0.626	Level 1	
17,300.00	7,255.28	17,171.31	7,097.83	292.34	292.25	-61.12	-1,278.93	-8,943.20	326.03	-197.66	523.68	0.623	Level 1	
17,400.00	7,255.49	17,271.28	7,098.19	295.17	295.07	-61.35	-1,281.87	-9,043.13	328.09	-201.58	529.67	0.619	Level 1	
17,500.00	7,255.71	17,371.25	7,098.54	298.01	297.89	-61.57	-1,284.81	-9,143.05	330.16	-205.49	535.65	0.616	Level 1	
17,600.00	7,255.92	17,471.22	7,098.89	300.85	300.72	-61.79	-1,287.75	-9,242.98	332.24	-209.40	541.64	0.613	Level 1	
17,700.00	7,256.13	17,571.19	7,099.24	303.68	303.55	-62.01	-1,290.69	-9,342.91	334.32	-213.30	547.62	0.610	Level 1	
17,800.00	7,256.35	17,671.17	7,099.59	306.52	306.37	-62.22	-1,293.63	-9,442.83	336.40	-217.20	553.61	0.608	Level 1	
17,900.00	7,256.56	17,771.14	7,099.94	309.36	309.20	-62.44	-1,296.57	-9,542.76	338.49	-221.10	559.59	0.605	Level 1	
18,000.00	7,256.77	17,871.11	7,100.30	312.20	312.02	-62.65	-1,299.51	-9,642.69	340.59	-224.99	565.58	0.602	Level 1	
18,100.00	7,256.98	17,971.08	7,100.65	315.04	314.85	-62.85	-1,302.45	-9,742.61	342.69	-228.88	571.57	0.600	Level 1	
18,200.00	7,257.20	18,071.05	7,101.00	317.88	317.68	-63.06	-1,305.39	-9,842.54	344.79	-232.77	577.56	0.597	Level 1	
18,300.00	7,257.41	18,171.02	7,101.35	320.72	320.51	-63.26	-1,308.33	-9,942.47	346.90	-236.65	583.54	0.594	Level 1	
18,400.00	7,257.62	18,270.99	7,101.70	323.56	323.34	-63.46	-1,311.27	-10,042.39	349.01	-240.52	589.53	0.592	Level 1	
18,500.00	7,257.84	18,370.96	7,102.05	326.40	326.16	-63.66	-1,314.21	-10,142.32	351.13	-244.39	595.52	0.590	Level 1	
18,600.00	7,258.05	18,470.93	7,102.40	329.24	328.99	-63.85	-1,317.15	-10,242.25	353.25	-248.26	601.51	0.587	Level 1	
18,700.00	7,258.26	18,570.90	7,102.76	332.08	331.82	-64.05	-1,320.09	-10,342.17	355.37	-252.12	607.49	0.585	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - Falken 16N-9B-L - OH - Plan #1													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
18,800.00	7,258.48	18,670.87	7,103.11	334.92	334.65	-64.24	-1,323.03	-10,442.10	357.50	-255.98	613.48	0.583	Level 1	
18,900.00	7,258.69	18,770.84	7,103.46	337.76	337.48	-64.43	-1,325.97	-10,542.02	359.63	-259.83	619.47	0.581	Level 1	
19,000.00	7,258.90	18,870.81	7,103.81	340.60	340.31	-64.61	-1,328.91	-10,641.95	361.77	-263.68	625.45	0.578	Level 1	
19,046.19	7,259.00	18,916.98	7,103.97	341.92	341.62	-64.70	-1,330.27	-10,688.10	362.76	-265.46	628.22	0.577	Level 1, ES, SF	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Falken 30C-14-S - OH - Plan #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
0.00	0.00	0.00	0.00	3.28	3.28	-179.58	-75.04	-0.56	75.05								
100.00	100.00	100.00	100.00	3.28	3.28	-179.58	-75.04	-0.56	75.05	68.48	6.57	11.423					
200.00	200.00	200.00	200.00	3.34	3.34	-179.58	-75.04	-0.56	75.05	68.37	6.67	11.244	CC, ES				
300.00	300.00	297.85	297.83	3.44	3.44	179.72	-76.43	0.38	76.46	69.57	6.89	11.097					
400.00	399.98	395.56	395.41	3.60	3.59	53.66	-80.57	3.18	79.72	72.51	7.21	11.062					
500.00	499.84	493.13	492.62	3.79	3.78	53.34	-87.46	7.83	83.79	76.18	7.61	11.006					
600.00	599.45	590.54	589.33	4.03	4.01	53.64	-97.06	14.33	88.65	80.55	8.10	10.942					
700.00	698.70	687.77	685.42	4.30	4.28	54.46	-109.36	22.64	94.31	85.65	8.66	10.891					
800.00	797.47	784.81	780.76	4.61	4.59	55.68	-124.33	32.75	100.80	91.52	9.28	10.866					
900.00	895.62	881.64	875.22	4.95	4.94	57.21	-141.91	44.64	108.15	98.21	9.94	10.875					
1,000.00	993.06	978.23	968.70	5.33	5.32	58.93	-162.08	58.27	116.43	105.76	10.67	10.913					
1,100.00	1,090.08	1,074.54	1,061.02	5.74	5.74	60.27	-184.78	73.62	126.51	115.07	11.44	11.059					
1,200.00	1,187.11	1,170.34	1,151.90	6.17	6.19	60.52	-209.90	90.59	139.18	126.93	12.25	11.364					
1,300.00	1,284.14	1,268.15	1,243.86	6.61	6.68	60.12	-237.49	109.24	153.77	140.68	13.09	11.745					
1,400.00	1,381.17	1,367.06	1,336.80	7.07	7.20	59.76	-265.52	128.19	168.49	154.52	13.97	12.058					
1,500.00	1,478.20	1,465.96	1,429.74	7.55	7.74	59.45	-293.55	147.13	183.21	168.34	14.88	12.313					
1,600.00	1,575.23	1,564.87	1,522.68	8.03	8.29	59.19	-321.57	166.07	197.94	182.14	15.81	12.523					
1,700.00	1,672.26	1,663.77	1,615.62	8.52	8.86	58.97	-349.60	185.02	212.68	195.93	16.75	12.696					
1,800.00	1,769.29	1,762.68	1,708.56	9.01	9.43	58.77	-377.62	203.96	227.41	209.70	17.71	12.840					
1,900.00	1,866.32	1,861.59	1,801.50	9.51	10.01	58.60	-405.65	222.90	242.15	223.47	18.68	12.960					
2,000.00	1,963.35	1,960.49	1,894.44	10.02	10.60	58.45	-433.68	241.85	256.89	237.23	19.67	13.062					
2,100.00	2,060.38	2,059.40	1,987.38	10.53	11.19	58.31	-461.70	260.79	271.64	250.98	20.66	13.148					
2,200.00	2,157.41	2,158.30	2,080.32	11.04	11.78	58.19	-489.73	279.73	286.38	264.72	21.66	13.221					
2,300.00	2,254.44	2,257.21	2,173.27	11.56	12.38	58.08	-517.76	298.68	301.12	278.46	22.67	13.284					
2,400.00	2,351.47	2,356.11	2,266.21	12.07	12.98	57.98	-545.78	317.62	315.87	292.19	23.68	13.339					
2,500.00	2,448.50	2,455.02	2,359.15	12.59	13.59	57.89	-573.81	336.56	330.62	305.92	24.70	13.386					
2,600.00	2,545.53	2,553.92	2,452.09	13.12	14.20	57.81	-601.83	355.51	345.36	319.64	25.72	13.427					
2,700.00	2,642.56	2,652.83	2,545.03	13.64	14.81	57.74	-629.86	374.45	360.11	333.36	26.75	13.462					
2,800.00	2,739.59	2,751.73	2,637.97	14.17	15.42	57.67	-657.89	393.39	374.86	347.08	27.78	13.494					
2,900.00	2,836.62	2,850.64	2,730.91	14.69	16.04	57.60	-685.91	412.33	389.61	360.79	28.81	13.522					
3,000.00	2,933.65	2,949.55	2,823.85	15.22	16.65	57.54	-713.94	431.28	404.36	374.51	29.85	13.546					
3,100.00	3,030.68	3,048.45	2,916.79	15.75	17.27	57.49	-741.97	450.22	419.11	388.22	30.89	13.568					
3,200.00	3,127.71	3,147.36	3,009.73	16.28	17.89	57.43	-769.99	469.16	433.86	401.92	31.93	13.587					
3,300.00	3,224.74	3,246.26	3,102.67	16.82	18.51	57.38	-798.02	488.11	448.61	415.63	32.98	13.604					
3,400.00	3,321.76	3,345.17	3,195.61	17.35	19.13	57.34	-826.04	507.05	463.36	429.34	34.02	13.619					
3,500.00	3,418.79	3,444.07	3,288.55	17.88	19.75	57.30	-854.07	525.99	478.11	443.04	35.07	13.633					
3,600.00	3,515.82	3,542.98	3,381.49	18.42	20.37	57.26	-882.10	544.94	492.86	456.74	36.12	13.645					
3,700.00	3,612.85	3,641.88	3,474.44	18.95	20.99	57.22	-910.12	563.88	507.61	470.44	37.17	13.657					
3,800.00	3,709.88	3,740.79	3,567.38	19.49	21.61	57.18	-938.15	582.82	522.36	484.14	38.22	13.667					
3,900.00	3,806.91	3,839.69	3,660.32	20.02	22.24	57.15	-966.18	601.77	537.11	497.84	39.28	13.676					
4,000.00	3,903.94	3,938.60	3,753.26	20.56	22.86	57.12	-994.20	620.71	551.87	511.54	40.33	13.684					
4,100.00	4,000.97	4,037.51	3,846.20	21.09	23.49	57.09	-1,022.23	639.65	566.62	525.23	41.39	13.691					
4,200.00	4,098.00	4,136.41	3,939.14	21.63	24.11	57.06	-1,050.25	658.59	581.37	538.93	42.44	13.698					
4,300.00	4,195.03	4,235.32	4,032.08	22.17	24.74	57.03	-1,078.28	677.54	596.12	552.62	43.50	13.704					
4,400.00	4,292.06	4,334.22	4,125.02	22.71	25.37	57.01	-1,106.31	696.48	610.88	566.32	44.56	13.710					
4,500.00	4,389.09	4,433.13	4,217.96	23.25	25.99	56.98	-1,134.33	715.42	625.63	580.01	45.62	13.715					
4,600.00	4,486.12	4,532.03	4,310.90	23.78	26.62	56.96	-1,162.36	734.37	640.38	593.70	46.68	13.719					
4,700.00	4,583.15	4,630.94	4,403.84	24.32	27.25	56.93	-1,190.39	753.31	655.13	607.40	47.74	13.723					
4,800.00	4,680.18	4,729.84	4,496.78	24.86	27.87	56.91	-1,218.41	772.25	669.89	621.09	48.80	13.727					
4,900.00	4,777.21	4,828.75	4,589.72	25.40	28.50	56.89	-1,246.44	791.20	684.64	634.78	49.86	13.731					
5,000.00	4,874.24	4,927.65	4,682.67	25.94	29.13	56.87	-1,274.46	810.14	699.39	648.47	50.92	13.734					

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 30C-14-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	5,026.56	4,775.61	26.48	29.76	56.85	-1,302.49	829.08	714.15	662.16	51.99	13.737		
5,200.00	5,068.30	5,125.47	4,868.55	27.02	30.39	56.84	-1,330.52	848.03	728.90	675.85	53.05	13.740		
5,300.00	5,165.33	5,224.37	4,961.49	27.56	31.02	56.82	-1,358.54	866.97	743.65	689.54	54.11	13.742		
5,400.00	5,262.36	5,323.28	5,054.43	28.10	31.65	56.80	-1,386.57	885.91	758.41	703.23	55.18	13.745		
5,500.00	5,359.39	5,422.18	5,147.37	28.64	32.28	56.79	-1,414.60	904.86	773.16	716.92	56.24	13.747		
5,600.00	5,456.42	5,521.09	5,240.31	29.18	32.91	56.77	-1,442.62	923.80	787.91	730.60	57.31	13.749		
5,700.00	5,553.45	5,619.99	5,333.25	29.72	33.54	56.75	-1,470.65	942.74	802.67	744.29	58.37	13.750		
5,800.00	5,650.47	5,718.90	5,426.19	30.27	34.16	56.74	-1,498.67	961.68	817.42	757.98	59.44	13.752		
5,900.00	5,747.50	5,817.80	5,519.13	30.81	34.80	56.73	-1,526.70	980.63	832.17	771.67	60.51	13.753		
6,000.00	5,844.53	5,916.71	5,612.07	31.35	35.43	56.71	-1,554.73	999.57	846.93	785.35	61.57	13.755		
6,100.00	5,941.56	6,015.61	5,705.01	31.89	36.06	56.70	-1,582.75	1,018.51	861.68	799.04	62.64	13.756		
6,200.00	6,038.59	6,114.52	5,797.95	32.43	36.69	56.69	-1,610.78	1,037.46	876.44	812.73	63.71	13.757		
6,300.00	6,135.62	6,213.43	5,890.89	32.97	37.32	56.68	-1,638.80	1,056.40	891.19	826.41	64.78	13.758		
6,400.00	6,232.65	6,312.33	5,983.84	33.51	37.95	56.66	-1,666.83	1,075.34	905.94	840.10	65.84	13.759		
6,500.00	6,329.68	6,411.24	6,076.78	34.06	38.58	56.65	-1,694.86	1,094.29	920.70	853.79	66.91	13.760		
6,600.00	6,426.71	6,510.14	6,169.72	34.60	39.21	56.64	-1,722.88	1,113.23	935.45	867.47	67.98	13.761		
6,655.36	6,480.43	6,564.90	6,221.17	34.90	39.56	56.64	-1,738.40	1,123.72	943.62	875.05	68.57	13.761		
6,700.00	6,524.01	6,609.02	6,262.63	35.13	39.84	44.93	-1,750.90	1,132.17	950.13	881.11	69.02	13.766		
6,750.00	6,573.29	6,658.19	6,308.84	35.36	40.15	22.73	-1,764.84	1,141.58	957.23	887.76	69.46	13.780		
6,800.00	6,622.76	6,706.81	6,354.53	35.56	40.46	-7.54	-1,778.61	1,150.90	964.15	894.31	69.84	13.805		
6,850.00	6,672.13	6,754.58	6,399.41	35.73	40.77	-33.07	-1,792.15	1,160.05	970.96	900.80	70.16	13.839		
6,900.00	6,721.08	6,801.19	6,443.21	35.88	41.07	-48.86	-1,805.36	1,168.97	977.77	907.33	70.44	13.882		
6,950.00	6,769.31	6,846.37	6,485.67	36.03	41.36	-58.41	-1,818.16	1,177.63	984.71	914.04	70.67	13.933		
7,000.00	6,816.53	6,890.18	6,526.89	36.18	41.63	-64.65	-1,830.59	1,185.70	991.96	921.07	70.89	13.994		
7,050.00	6,862.44	6,934.98	6,569.43	36.34	41.89	-69.02	-1,843.45	1,191.32	999.60	928.49	71.11	14.056		
7,100.00	6,906.77	6,981.47	6,613.84	36.50	42.13	-72.28	-1,856.90	1,193.83	1,007.60	936.23	71.37	14.117		
7,150.00	6,949.23	7,029.89	6,660.15	36.68	42.36	-74.85	-1,870.97	1,192.83	1,015.93	944.26	71.67	14.175		
7,200.00	6,989.58	7,080.53	6,708.36	36.87	42.55	-76.97	-1,885.64	1,187.86	1,024.53	952.52	72.01	14.228		
7,250.00	7,027.55	7,133.74	6,758.41	37.09	42.73	-78.77	-1,900.92	1,178.35	1,033.33	960.94	72.39	14.275		
7,300.00	7,062.91	7,189.89	6,810.20	37.32	42.88	-80.36	-1,916.78	1,163.60	1,042.25	969.44	72.81	14.315		
7,350.00	7,095.45	7,249.40	6,863.49	37.59	43.03	-81.80	-1,933.15	1,142.84	1,051.19	977.92	73.27	14.347		
7,400.00	7,124.97	7,312.73	6,917.88	37.88	43.17	-83.13	-1,949.92	1,115.12	1,060.03	986.26	73.77	14.369		
7,450.00	7,151.28	7,380.37	6,972.73	38.21	43.31	-84.37	-1,966.90	1,079.45	1,068.62	994.29	74.33	14.377		
7,500.00	7,174.22	7,452.76	7,027.06	38.58	43.46	-85.53	-1,983.81	1,034.75	1,076.79	1,001.84	74.95	14.367		
7,550.00	7,193.65	7,530.29	7,079.43	38.98	43.65	-86.61	-2,000.22	980.05	1,084.34	1,008.66	75.68	14.327		
7,600.00	7,209.45	7,613.17	7,127.92	39.43	43.88	-87.60	-2,015.56	914.69	1,091.07	1,014.48	76.59	14.245		
7,650.00	7,221.52	7,701.33	7,170.10	39.91	44.18	-88.46	-2,029.08	838.54	1,096.75	1,018.98	77.76	14.104		
7,700.00	7,229.79	7,794.31	7,203.22	40.42	44.59	-89.14	-2,039.94	752.44	1,101.14	1,021.86	79.28	13.890		
7,750.00	7,234.21	7,891.16	7,224.57	40.97	45.12	-89.62	-2,047.31	658.35	1,104.05	1,022.88	81.17	13.602		
7,780.56	7,235.00	7,951.68	7,230.87	41.32	45.51	-89.79	-2,049.80	598.24	1,105.04	1,022.54	82.50	13.395		
7,800.00	7,235.04	7,990.48	7,232.02	41.54	45.79	-89.84	-2,050.51	559.47	1,105.30	1,021.89	83.41	13.252		
7,900.00	7,235.26	8,087.98	7,232.83	42.82	46.60	-89.88	-2,051.68	461.97	1,105.98	1,019.99	86.00	12.861		
8,000.00	7,235.47	8,187.98	7,233.64	44.25	47.61	-89.91	-2,052.87	361.99	1,106.67	1,017.74	88.92	12.445		
8,100.00	7,235.68	8,287.97	7,234.45	45.82	48.79	-89.94	-2,054.06	262.00	1,107.35	1,015.24	92.11	12.022		
8,200.00	7,235.90	8,387.97	7,235.25	47.52	50.15	-89.97	-2,055.25	162.02	1,108.03	1,012.50	95.54	11.598		
8,300.00	7,236.11	8,487.97	7,236.06	49.34	51.67	-90.00	-2,056.45	62.03	1,108.71	1,009.55	99.17	11.180		
8,400.00	7,236.32	8,587.96	7,236.87	51.25	53.33	-90.03	-2,057.64	-37.95	1,109.40	1,006.41	102.99	10.772		
8,500.00	7,236.54	8,687.96	7,237.68	53.26	55.12	-90.06	-2,058.83	-137.94	1,110.08	1,003.10	106.98	10.376		
8,600.00	7,236.75	8,787.95	7,238.48	55.34	57.01	-90.09	-2,060.02	-237.93	1,110.77	999.64	111.12	9.996		
8,700.00	7,236.96	8,887.95	7,239.29	57.50	58.99	-90.12	-2,061.21	-337.91	1,111.45	996.05	115.40	9.632		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 30C-14-S - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,800.00	7,237.17	8,987.95	7,240.10	59.71	61.06	-90.15	-2,062.40	-437.90	1,112.13	992.34	119.79	9.284		
8,900.00	7,237.39	9,087.94	7,240.91	61.98	63.20	-90.18	-2,063.59	-537.88	1,112.82	988.53	124.29	8.953		
9,000.00	7,237.60	9,187.94	7,241.72	64.29	65.40	-90.21	-2,064.79	-637.87	1,113.51	984.62	128.89	8.639		
9,100.00	7,237.81	9,287.93	7,242.52	66.65	67.66	-90.24	-2,065.98	-737.85	1,114.19	980.62	133.57	8.342		
9,200.00	7,238.03	9,387.93	7,243.33	69.05	69.97	-90.27	-2,067.17	-837.84	1,114.88	976.55	138.33	8.060		
9,300.00	7,238.24	9,487.92	7,244.14	71.48	72.31	-90.30	-2,068.36	-937.82	1,115.56	972.40	143.16	7.792		
9,400.00	7,238.45	9,587.92	7,244.95	73.95	74.70	-90.33	-2,069.55	-1,037.81	1,116.25	968.20	148.05	7.540		
9,500.00	7,238.67	9,687.92	7,245.75	76.44	77.12	-90.36	-2,070.74	-1,137.80	1,116.94	963.94	153.00	7.300		
9,600.00	7,238.88	9,787.91	7,246.56	78.96	79.58	-90.39	-2,071.93	-1,237.78	1,117.62	959.63	158.00	7.074		
9,700.00	7,239.09	9,887.91	7,247.37	81.50	82.06	-90.42	-2,073.13	-1,337.77	1,118.31	955.27	163.04	6.859		
9,800.00	7,239.30	9,987.90	7,248.18	84.06	84.56	-90.46	-2,074.32	-1,437.75	1,119.00	950.87	168.13	6.655		
9,900.00	7,239.52	10,087.90	7,248.99	86.64	87.09	-90.49	-2,075.51	-1,537.74	1,119.69	946.43	173.26	6.462		
10,000.00	7,239.73	10,187.90	7,249.79	89.23	89.64	-90.52	-2,076.70	-1,637.72	1,120.38	941.95	178.42	6.279		
10,100.00	7,239.94	10,287.89	7,250.60	91.85	92.21	-90.55	-2,077.89	-1,737.71	1,121.06	937.45	183.62	6.105		
10,200.00	7,240.16	10,387.89	7,251.41	94.47	94.80	-90.58	-2,079.08	-1,837.69	1,121.75	932.91	188.84	5.940		
10,300.00	7,240.37	10,487.88	7,252.22	97.11	97.40	-90.61	-2,080.27	-1,937.68	1,122.44	928.35	194.09	5.783		
10,400.00	7,240.58	10,587.88	7,253.02	99.76	100.01	-90.64	-2,081.47	-2,037.66	1,123.13	923.76	199.37	5.633		
10,500.00	7,240.80	10,687.88	7,253.83	102.43	102.64	-90.67	-2,082.66	-2,137.65	1,123.82	919.15	204.67	5.491		
10,600.00	7,241.01	10,787.87	7,254.64	105.10	105.28	-90.70	-2,083.85	-2,237.64	1,124.51	914.52	209.99	5.355		
10,700.00	7,241.22	10,887.87	7,255.45	107.79	107.94	-90.73	-2,085.04	-2,337.62	1,125.20	909.87	215.33	5.225		
10,800.00	7,241.43	10,987.86	7,256.26	110.48	110.60	-90.76	-2,086.23	-2,437.61	1,125.89	905.20	220.69	5.102		
10,900.00	7,241.65	11,087.86	7,257.06	113.18	113.27	-90.78	-2,087.42	-2,537.59	1,126.59	900.52	226.07	4.983		
11,000.00	7,241.86	11,187.85	7,257.87	115.89	115.95	-90.81	-2,088.61	-2,637.58	1,127.28	895.82	231.46	4.870		
11,100.00	7,242.07	11,287.85	7,258.68	118.60	118.65	-90.84	-2,089.81	-2,737.56	1,127.97	891.10	236.86	4.762		
11,200.00	7,242.29	11,387.85	7,259.49	121.32	121.34	-90.87	-2,091.00	-2,837.55	1,128.66	886.38	242.29	4.658		
11,300.00	7,242.50	11,487.84	7,260.29	124.05	124.05	-90.90	-2,092.19	-2,937.53	1,129.35	881.64	247.72	4.559		
11,400.00	7,242.71	11,587.84	7,261.10	126.78	126.76	-90.93	-2,093.38	-3,037.52	1,130.05	876.88	253.16	4.464		
11,500.00	7,242.93	11,687.83	7,261.91	129.52	129.48	-90.96	-2,094.57	-3,137.51	1,130.74	872.12	258.62	4.372		
11,600.00	7,243.14	11,787.83	7,262.72	132.27	132.20	-90.99	-2,095.76	-3,237.49	1,131.43	867.35	264.09	4.284		
11,700.00	7,243.35	11,887.83	7,263.53	135.02	134.93	-91.02	-2,096.95	-3,337.48	1,132.13	862.56	269.56	4.200		
11,800.00	7,243.57	11,987.82	7,264.33	137.77	137.67	-91.05	-2,098.15	-3,437.46	1,132.82	857.77	275.05	4.119		
11,900.00	7,243.78	12,087.82	7,265.14	140.53	140.41	-91.08	-2,099.34	-3,537.45	1,133.51	852.97	280.54	4.040		
12,000.00	7,243.99	12,187.81	7,265.95	143.29	143.15	-91.11	-2,100.53	-3,637.43	1,134.21	848.16	286.05	3.965		
12,100.00	7,244.20	12,287.81	7,266.76	146.05	145.90	-91.14	-2,101.72	-3,737.42	1,134.90	843.35	291.56	3.893		
12,200.00	7,244.42	12,387.81	7,267.56	148.82	148.65	-91.17	-2,102.91	-3,837.40	1,135.60	838.52	297.08	3.823		
12,300.00	7,244.63	12,487.80	7,268.37	151.60	151.41	-91.20	-2,104.10	-3,937.39	1,136.29	833.69	302.60	3.755		
12,400.00	7,244.84	12,587.80	7,269.18	154.37	154.17	-91.23	-2,105.30	-4,037.38	1,136.99	828.86	308.13	3.690		
12,500.00	7,245.06	12,687.79	7,269.99	157.15	156.93	-91.26	-2,106.49	-4,137.36	1,137.69	824.02	313.67	3.627		
12,600.00	7,245.27	12,787.79	7,270.80	159.93	159.70	-91.29	-2,107.68	-4,237.35	1,138.38	819.17	319.21	3.566		
12,700.00	7,245.48	12,887.79	7,271.60	162.71	162.47	-91.31	-2,108.87	-4,337.33	1,139.08	814.32	324.76	3.507		
12,800.00	7,245.70	12,987.78	7,272.41	165.50	165.25	-91.34	-2,110.06	-4,437.32	1,139.78	809.46	330.31	3.451		
12,900.00	7,245.91	13,087.78	7,273.22	168.29	168.02	-91.37	-2,111.25	-4,537.30	1,140.47	804.60	335.87	3.396		
13,000.00	7,246.12	13,187.77	7,274.03	171.08	170.80	-91.40	-2,112.44	-4,637.29	1,141.17	799.73	341.44	3.342		
13,100.00	7,246.33	13,287.77	7,274.83	173.87	173.58	-91.43	-2,113.64	-4,737.27	1,141.87	794.86	347.00	3.291		
13,200.00	7,246.55	13,387.76	7,275.64	176.67	176.37	-91.46	-2,114.83	-4,837.26	1,142.57	789.99	352.58	3.241		
13,300.00	7,246.76	13,487.76	7,276.45	179.47	179.15	-91.49	-2,116.02	-4,937.25	1,143.27	785.11	358.15	3.192		
13,400.00	7,246.97	13,555.88	7,277.00	182.27	181.05	-91.51	-2,116.83	-5,005.36	1,144.41	781.92	362.49	3.157 SF		
13,500.00	7,247.19	13,555.88	7,277.00	185.07	181.05	-91.51	-2,116.83	-5,005.36	1,152.23	789.81	362.42	3.179		
13,600.00	7,247.40	13,555.88	7,277.00	187.87	181.05	-91.51	-2,116.83	-5,005.36	1,168.60	808.75	359.84	3.248		
13,700.00	7,247.61	13,555.88	7,277.00	190.68	181.05	-91.51	-2,116.83	-5,005.36	1,193.14	838.14	355.00	3.361		
13,800.00	7,247.83	13,555.88	7,277.00	193.48	181.05	-91.51	-2,116.83	-5,005.36	1,225.38	877.10	348.28	3.518		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 30C-14-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.04	13,555.88	7,277.00	196.29	181.05	-91.51	-2,116.83	-5,005.36	1,264.73	924.64	340.09	3.719		
14,000.00	7,248.25	13,555.88	7,277.00	199.10	181.05	-91.51	-2,116.83	-5,005.36	1,310.54	979.67	330.87	3.961		
14,100.00	7,248.46	13,555.88	7,277.00	201.91	181.05	-91.51	-2,116.83	-5,005.36	1,362.16	1,041.17	320.99	4.244		
14,200.00	7,248.68	13,555.88	7,277.00	204.72	181.05	-91.51	-2,116.83	-5,005.36	1,418.96	1,108.17	310.80	4.566		
14,300.00	7,248.89	13,555.88	7,277.00	207.53	181.05	-91.51	-2,116.83	-5,005.36	1,480.35	1,179.80	300.54	4.926		
14,400.00	7,249.10	13,555.88	7,277.00	210.35	181.05	-91.51	-2,116.83	-5,005.36	1,545.77	1,255.33	290.43	5.322		
14,500.00	7,249.32	13,555.88	7,277.00	213.16	181.05	-91.51	-2,116.83	-5,005.36	1,614.74	1,334.13	280.61	5.754		
14,600.00	7,249.53	13,555.88	7,277.00	215.98	181.05	-91.51	-2,116.83	-5,005.36	1,686.82	1,415.65	271.16	6.221		
14,700.00	7,249.74	13,555.88	7,277.00	218.80	181.05	-91.51	-2,116.83	-5,005.36	1,761.62	1,499.47	262.16	6.720		
14,800.00	7,249.96	13,555.88	7,277.00	221.62	181.05	-91.51	-2,116.83	-5,005.36	1,838.83	1,585.20	253.62	7.250		
14,900.00	7,250.17	13,555.88	7,277.00	224.44	181.05	-91.51	-2,116.83	-5,005.36	1,918.14	1,672.57	245.57	7.811		
15,000.00	7,250.38	13,555.88	7,277.00	227.26	181.05	-91.51	-2,116.83	-5,005.36	1,999.31	1,761.31	238.00	8.401		
15,100.00	7,250.59	13,555.88	7,277.00	230.08	181.05	-91.51	-2,116.83	-5,005.36	2,082.12	1,851.23	230.89	9.018		
15,200.00	7,250.81	13,555.88	7,277.00	232.90	181.05	-91.51	-2,116.83	-5,005.36	2,166.38	1,942.14	224.23	9.661		
15,300.00	7,251.02	13,555.88	7,277.00	235.72	181.05	-91.51	-2,116.83	-5,005.36	2,251.92	2,033.93	218.00	10.330		
15,400.00	7,251.23	13,555.88	7,277.00	238.55	181.05	-91.51	-2,116.83	-5,005.36	2,338.62	2,126.46	212.16	11.023		
15,500.00	7,251.45	13,555.88	7,277.00	241.37	181.05	-91.51	-2,116.83	-5,005.36	2,426.34	2,219.63	206.70	11.738		
15,600.00	7,251.66	13,555.88	7,277.00	244.20	181.05	-91.51	-2,116.83	-5,005.36	2,514.97	2,313.38	201.59	12.476		
15,700.00	7,251.87	13,555.88	7,277.00	247.03	181.05	-91.51	-2,116.83	-5,005.36	2,604.43	2,407.62	196.81	13.233		
15,800.00	7,252.09	13,555.88	7,277.00	249.85	181.05	-91.51	-2,116.83	-5,005.36	2,694.63	2,502.30	192.33	14.011		
15,900.00	7,252.30	13,555.88	7,277.00	252.68	181.05	-91.51	-2,116.83	-5,005.36	2,785.50	2,597.37	188.13	14.806		
16,000.00	7,252.51	13,555.88	7,277.00	255.51	181.05	-91.51	-2,116.83	-5,005.36	2,876.97	2,692.78	184.19	15.619		
16,100.00	7,252.72	13,555.88	7,277.00	258.34	181.05	-91.51	-2,116.83	-5,005.36	2,969.00	2,788.50	180.50	16.449		
16,200.00	7,252.94	13,555.88	7,277.00	261.17	181.05	-91.51	-2,116.83	-5,005.36	3,061.52	2,884.50	177.03	17.294		
16,300.00	7,253.15	13,555.88	7,277.00	264.00	181.05	-91.51	-2,116.83	-5,005.36	3,154.50	2,980.74	173.76	18.154		
16,400.00	7,253.36	13,555.88	7,277.00	266.83	181.05	-91.51	-2,116.83	-5,005.36	3,247.90	3,077.21	170.69	19.028		
16,500.00	7,253.58	13,555.88	7,277.00	269.66	181.05	-91.51	-2,116.83	-5,005.36	3,341.68	3,173.88	167.80	19.914		
16,600.00	7,253.79	13,555.88	7,277.00	272.50	181.05	-91.51	-2,116.83	-5,005.36	3,435.81	3,270.73	165.08	20.813		
16,700.00	7,254.00	13,555.88	7,277.00	275.33	181.05	-91.51	-2,116.83	-5,005.36	3,530.27	3,367.76	162.51	21.724		
16,800.00	7,254.22	13,555.88	7,277.00	278.16	181.05	-91.51	-2,116.83	-5,005.36	3,625.02	3,464.93	160.08	22.645		
16,900.00	7,254.43	13,555.88	7,277.00	281.00	181.05	-91.51	-2,116.83	-5,005.36	3,720.04	3,562.25	157.79	23.576		
17,000.00	7,254.64	13,555.88	7,277.00	283.83	181.05	-91.51	-2,116.83	-5,005.36	3,815.32	3,659.70	155.62	24.516		
17,100.00	7,254.85	13,555.88	7,277.00	286.67	181.05	-91.51	-2,116.83	-5,005.36	3,910.84	3,757.27	153.57	25.466		
17,200.00	7,255.07	13,555.88	7,277.00	289.50	181.05	-91.51	-2,116.83	-5,005.36	4,006.57	3,854.94	151.63	26.423		
17,300.00	7,255.28	13,555.88	7,277.00	292.34	181.05	-91.51	-2,116.83	-5,005.36	4,102.51	3,952.72	149.79	27.388		
17,400.00	7,255.49	13,555.88	7,277.00	295.17	181.05	-91.51	-2,116.83	-5,005.36	4,198.64	4,050.59	148.05	28.360		
17,500.00	7,255.71	13,555.88	7,277.00	298.01	181.05	-91.51	-2,116.83	-5,005.36	4,294.95	4,148.56	146.39	29.339		
17,600.00	7,255.92	13,555.88	7,277.00	300.85	181.05	-91.51	-2,116.83	-5,005.36	4,391.42	4,246.60	144.82	30.324		
17,700.00	7,256.13	13,555.88	7,277.00	303.68	181.05	-91.51	-2,116.83	-5,005.36	4,488.04	4,344.72	143.32	31.314		
17,800.00	7,256.35	13,555.88	7,277.00	306.52	181.05	-91.51	-2,116.83	-5,005.36	4,584.81	4,442.91	141.90	32.310		
17,900.00	7,256.56	13,555.88	7,277.00	309.36	181.05	-91.51	-2,116.83	-5,005.36	4,681.71	4,541.17	140.55	33.311		
18,000.00	7,256.77	13,555.88	7,277.00	312.20	181.05	-91.51	-2,116.83	-5,005.36	4,778.75	4,639.49	139.26	34.316		
18,100.00	7,256.98	13,555.88	7,277.00	315.04	181.05	-91.51	-2,116.83	-5,005.36	4,875.90	4,737.87	138.03	35.324		
18,200.00	7,257.20	13,555.88	7,277.00	317.88	181.05	-91.51	-2,116.83	-5,005.36	4,973.17	4,836.30	136.86	36.337		
18,300.00	7,257.41	13,555.88	7,277.00	320.72	181.05	-91.51	-2,116.83	-5,005.36	5,070.54	4,934.79	135.75	37.353		
18,400.00	7,257.62	13,555.88	7,277.00	323.56	181.05	-91.51	-2,116.83	-5,005.36	5,168.01	5,033.33	134.68	38.372		
18,500.00	7,257.84	13,555.88	7,277.00	326.40	181.05	-91.51	-2,116.83	-5,005.36	5,265.58	5,131.91	133.67	39.394		
18,600.00	7,258.05	13,555.88	7,277.00	329.24	181.05	-91.51	-2,116.83	-5,005.36	5,363.23	5,230.54	132.69	40.418		
18,700.00	7,258.26	13,555.88	7,277.00	332.08	181.05	-91.51	-2,116.83	-5,005.36	5,460.97	5,329.21	131.77	41.444		
18,800.00	7,258.48	13,555.88	7,277.00	334.92	181.05	-91.51	-2,116.83	-5,005.36	5,558.80	5,427.92	130.88	42.473		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 30C-14-S - OH - Plan #1													<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1													<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,900.00	7,258.69	13,555.88	7,277.00	337.76	181.05	-91.51	-2,116.83	-5,005.36	5,656.69	5,526.66	130.03	43.502		
19,000.00	7,258.90	13,555.88	7,277.00	340.60	181.05	-91.51	-2,116.83	-5,005.36	5,754.66	5,625.44	129.22	44.534		
19,046.19	7,259.00	13,555.88	7,277.00	341.92	181.05	-91.51	-2,116.83	-5,005.36	5,799.94	5,671.08	128.86	45.011		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 30N-14B-S - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-60.11	-0.56	60.11					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-60.11	-0.56	60.11	53.54	6.57	9.150		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-60.11	-0.56	60.11	53.44	6.67	9.007 CC, ES		
300.00	300.00	298.30	298.28	3.44	3.44	179.60	-61.48	0.43	61.51	54.62	6.89	8.926		
400.00	399.98	396.45	396.30	3.60	3.59	53.21	-65.58	3.37	64.71	57.51	7.21	8.978		
500.00	499.84	494.47	493.95	3.79	3.78	52.67	-72.40	8.26	68.69	61.08	7.62	9.020		
600.00	599.45	592.33	591.11	4.03	4.02	52.86	-81.91	15.08	73.41	65.31	8.11	9.057		
700.00	698.70	690.03	687.64	4.30	4.29	53.64	-94.08	23.81	78.88	70.21	8.67	9.103		
800.00	797.47	787.54	783.43	4.61	4.60	54.87	-108.90	34.44	85.11	75.82	9.28	9.167		
900.00	895.62	884.84	878.34	4.95	4.95	56.42	-126.31	46.93	92.14	82.19	9.96	9.256		
1,000.00	993.06	981.93	972.26	5.33	5.34	58.18	-146.29	61.25	100.03	89.35	10.68	9.364		
1,100.00	1,090.08	1,078.74	1,065.02	5.74	5.76	59.43	-168.77	77.38	109.68	98.22	11.46	9.573		
1,200.00	1,187.11	1,175.05	1,156.33	6.17	6.21	59.45	-193.65	95.22	121.89	109.62	12.27	9.936		
1,300.00	1,284.14	1,273.54	1,249.00	6.61	6.71	58.86	-220.76	114.67	135.76	122.64	13.12	10.350		
1,400.00	1,381.17	1,372.56	1,342.15	7.07	7.23	58.37	-248.06	134.25	149.67	135.68	14.00	10.693		
1,500.00	1,478.20	1,471.58	1,435.29	7.55	7.77	57.96	-275.35	153.83	163.60	148.70	14.90	10.978		
1,600.00	1,575.23	1,570.60	1,528.44	8.03	8.33	57.61	-302.65	173.40	177.54	161.71	15.83	11.216		
1,700.00	1,672.26	1,669.62	1,621.59	8.52	8.89	57.32	-329.94	192.98	191.48	174.70	16.77	11.416		
1,800.00	1,769.29	1,768.64	1,714.74	9.01	9.46	57.06	-357.24	212.56	205.42	187.69	17.73	11.586		
1,900.00	1,866.32	1,867.66	1,807.89	9.51	10.04	56.84	-384.53	232.14	219.37	200.67	18.70	11.731		
2,000.00	1,963.35	1,966.67	1,901.03	10.02	10.63	56.64	-411.83	251.71	233.32	213.64	19.68	11.855		
2,100.00	2,060.38	2,065.69	1,994.18	10.53	11.22	56.47	-439.12	271.29	247.27	226.60	20.67	11.963		
2,200.00	2,157.41	2,164.71	2,087.33	11.04	11.81	56.31	-466.42	290.87	261.22	239.56	21.67	12.056		
2,300.00	2,254.44	2,263.73	2,180.48	11.56	12.41	56.17	-493.72	310.45	275.18	252.51	22.67	12.138		
2,400.00	2,351.47	2,362.75	2,273.62	12.07	13.02	56.05	-521.01	330.02	289.14	265.46	23.68	12.210		
2,500.00	2,448.50	2,461.77	2,366.77	12.59	13.62	55.93	-548.31	349.60	303.10	278.40	24.70	12.273		
2,600.00	2,545.53	2,560.79	2,459.92	13.12	14.23	55.83	-575.60	369.18	317.06	291.34	25.72	12.330		
2,700.00	2,642.56	2,659.81	2,553.07	13.64	14.84	55.73	-602.90	388.76	331.02	304.28	26.74	12.380		
2,800.00	2,739.59	2,758.83	2,646.21	14.17	15.45	55.64	-630.19	408.33	344.98	317.22	27.77	12.425		
2,900.00	2,836.62	2,857.85	2,739.36	14.69	16.07	55.56	-657.49	427.91	358.94	330.15	28.80	12.465		
3,000.00	2,933.65	2,956.87	2,832.51	15.22	16.68	55.49	-684.78	447.49	372.91	343.08	29.83	12.502		
3,100.00	3,030.68	3,055.89	2,925.66	15.75	17.30	55.42	-712.08	467.07	386.87	356.01	30.86	12.535		
3,200.00	3,127.71	3,154.90	3,018.81	16.28	17.91	55.35	-739.37	486.64	400.84	368.93	31.90	12.564		
3,300.00	3,224.74	3,253.92	3,111.95	16.82	18.53	55.29	-766.67	506.22	414.80	381.86	32.94	12.592		
3,400.00	3,321.76	3,352.94	3,205.10	17.35	19.15	55.24	-793.96	525.80	428.77	394.78	33.98	12.617		
3,500.00	3,418.79	3,451.96	3,298.25	17.88	19.77	55.18	-821.26	545.38	442.73	407.70	35.03	12.639		
3,600.00	3,515.82	3,550.98	3,391.40	18.42	20.39	55.14	-848.55	564.95	456.70	420.63	36.07	12.660		
3,700.00	3,612.85	3,650.00	3,484.54	18.95	21.02	55.09	-875.85	584.53	470.66	433.54	37.12	12.679		
3,800.00	3,709.88	3,749.02	3,577.69	19.49	21.64	55.04	-903.14	604.11	484.63	446.46	38.17	12.697		
3,900.00	3,806.91	3,848.04	3,670.84	20.02	22.26	55.00	-930.44	623.69	498.60	459.38	39.22	12.714		
4,000.00	3,903.94	3,947.06	3,763.99	20.56	22.89	54.96	-957.73	643.26	512.57	472.30	40.27	12.729		
4,100.00	4,000.97	4,046.08	3,857.13	21.09	23.51	54.93	-985.03	662.84	526.53	485.21	41.32	12.743		
4,200.00	4,098.00	4,145.10	3,950.28	21.63	24.14	54.89	-1,012.32	682.42	540.50	498.13	42.37	12.756		
4,300.00	4,195.03	4,244.12	4,043.43	22.17	24.76	54.86	-1,039.62	702.00	554.47	511.04	43.43	12.768		
4,400.00	4,292.06	4,343.13	4,136.58	22.71	25.39	54.83	-1,066.92	721.57	568.44	523.96	44.48	12.780		
4,500.00	4,389.09	4,442.15	4,229.72	23.25	26.01	54.80	-1,094.21	741.15	582.40	536.87	45.54	12.790		
4,600.00	4,486.12	4,541.17	4,322.87	23.78	26.64	54.77	-1,121.51	760.73	596.37	549.78	46.59	12.800		
4,700.00	4,583.15	4,640.19	4,416.02	24.32	27.27	54.74	-1,148.80	780.31	610.34	562.69	47.65	12.810		
4,800.00	4,680.18	4,739.21	4,509.17	24.86	27.89	54.71	-1,176.10	799.89	624.31	575.61	48.70	12.818		
4,900.00	4,777.21	4,838.23	4,602.32	25.40	28.52	54.69	-1,203.39	819.46	638.28	588.52	49.76	12.827		
5,000.00	4,874.24	4,937.25	4,695.46	25.94	29.15	54.66	-1,230.69	839.04	652.25	601.43	50.82	12.834		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 30N-14B-S - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	5,036.27	4,788.61	26.48	29.78	54.64	-1,257.98	858.62	666.22	614.34	51.88	12.842		
5,200.00	5,068.30	5,135.29	4,881.76	27.02	30.41	54.62	-1,285.28	878.20	680.19	627.25	52.94	12.849		
5,300.00	5,165.33	5,234.31	4,974.91	27.56	31.03	54.60	-1,312.57	897.77	694.16	640.16	54.00	12.855		
5,400.00	5,262.36	5,333.33	5,068.05	28.10	31.66	54.58	-1,339.87	917.35	708.12	653.07	55.06	12.861		
5,500.00	5,359.39	5,432.35	5,161.20	28.64	32.29	54.56	-1,367.16	936.93	722.09	665.97	56.12	12.867		
5,600.00	5,456.42	5,531.37	5,254.35	29.18	32.92	54.54	-1,394.46	956.51	736.06	678.88	57.18	12.873		
5,700.00	5,553.45	5,630.38	5,347.50	29.72	33.55	54.52	-1,421.75	976.08	750.03	691.79	58.24	12.878		
5,800.00	5,650.47	5,729.40	5,440.64	30.27	34.18	54.50	-1,449.05	995.66	764.00	704.70	59.30	12.883		
5,900.00	5,747.50	5,828.42	5,533.79	30.81	34.81	54.49	-1,476.34	1,015.24	777.97	717.61	60.37	12.888		
6,000.00	5,844.53	5,927.44	5,626.94	31.35	35.44	54.47	-1,503.64	1,034.82	791.94	730.51	61.43	12.892		
6,100.00	5,941.56	6,026.46	5,720.09	31.89	36.07	54.45	-1,530.93	1,054.39	805.91	743.42	62.49	12.896		
6,200.00	6,038.59	6,125.48	5,813.24	32.43	36.70	54.44	-1,558.23	1,073.97	819.88	756.33	63.55	12.901		
6,300.00	6,135.62	6,224.50	5,906.38	32.97	37.33	54.42	-1,585.53	1,093.55	833.85	769.23	64.62	12.904		
6,400.00	6,232.65	6,323.52	5,999.53	33.51	37.96	54.41	-1,612.82	1,113.13	847.82	782.14	65.68	12.908		
6,500.00	6,329.68	6,422.54	6,092.68	34.06	38.59	54.40	-1,640.12	1,132.70	861.79	795.05	66.74	12.912		
6,600.00	6,426.71	6,521.56	6,185.83	34.60	39.22	54.38	-1,667.41	1,152.28	875.76	807.95	67.81	12.915		
6,655.36	6,480.43	6,576.38	6,237.40	34.90	39.57	54.38	-1,682.52	1,163.12	883.49	815.10	68.40	12.917		
6,700.00	6,524.01	6,620.54	6,278.94	35.13	39.85	54.37	-1,694.70	1,171.85	889.71	820.87	68.85	12.923		
6,750.00	6,573.29	6,669.74	6,325.22	35.36	40.16	54.36	-1,708.26	1,181.58	896.64	827.36	69.28	12.924		
6,800.00	6,622.76	6,717.80	6,370.65	35.56	40.45	-9.82	-1,721.56	1,189.81	903.56	833.91	69.65	12.923		
6,850.00	6,672.13	6,766.24	6,416.91	35.73	40.72	-35.10	-1,735.10	1,194.52	910.50	840.52	69.99	13.010		
6,900.00	6,721.08	6,815.30	6,463.98	35.88	40.96	-50.46	-1,748.85	1,195.55	917.43	847.11	70.31	13.048		
6,950.00	6,769.31	6,865.03	6,511.63	36.03	41.16	-59.46	-1,762.75	1,192.73	924.29	853.65	70.64	13.085		
7,000.00	6,816.53	6,915.45	6,559.58	36.18	41.34	-65.05	-1,776.73	1,185.92	931.05	860.07	70.98	13.117		
7,050.00	6,862.44	6,966.60	6,607.55	36.34	41.49	-68.77	-1,790.69	1,175.00	937.66	866.32	71.34	13.144		
7,100.00	6,906.77	7,018.52	6,655.22	36.50	41.62	-71.39	-1,804.55	1,159.86	944.08	872.36	71.72	13.163		
7,150.00	6,949.23	7,071.22	6,702.24	36.68	41.75	-73.30	-1,818.19	1,140.40	950.27	878.12	72.14	13.172		
7,200.00	6,989.58	7,124.73	6,748.24	36.87	41.87	-74.75	-1,831.52	1,116.56	956.18	883.57	72.61	13.169		
7,250.00	7,027.55	7,179.06	6,792.82	37.09	41.99	-75.88	-1,844.42	1,088.34	961.76	888.64	73.12	13.153		
7,300.00	7,062.91	7,234.21	6,835.54	37.32	42.11	-76.78	-1,856.75	1,055.76	966.98	893.28	73.69	13.122		
7,350.00	7,095.45	7,290.16	6,875.97	37.59	42.25	-77.50	-1,868.39	1,018.89	971.79	897.45	74.33	13.074		
7,400.00	7,124.97	7,346.90	6,913.63	37.88	42.40	-78.10	-1,879.20	977.88	976.14	901.09	75.05	13.007		
7,450.00	7,151.28	7,404.38	6,948.06	38.21	42.58	-78.58	-1,889.06	932.94	980.01	904.16	75.85	12.920		
7,500.00	7,174.22	7,462.56	6,978.81	38.58	42.79	-78.99	-1,897.82	884.37	983.35	906.58	76.77	12.810		
7,550.00	7,193.65	7,521.36	7,005.44	38.98	43.04	-79.32	-1,905.37	832.50	986.13	908.35	77.78	12.678		
7,600.00	7,209.45	7,580.71	7,027.55	39.43	43.33	-79.59	-1,911.58	777.80	988.33	909.42	78.91	12.525		
7,650.00	7,221.52	7,640.52	7,044.78	39.91	43.67	-79.80	-1,916.36	720.75	989.92	909.78	80.14	12.352		
7,700.00	7,229.79	7,700.67	7,056.86	40.42	44.06	-79.96	-1,919.62	661.94	990.88	909.41	81.47	12.162		
7,750.00	7,234.21	7,761.06	7,063.58	40.97	44.50	-80.08	-1,921.31	601.97	991.20	908.31	82.89	11.958		
7,780.56	7,235.00	7,798.03	7,064.99	41.32	44.80	-80.12	-1,921.56	565.04	991.08	907.30	83.78	11.829		
7,800.00	7,235.04	7,817.70	7,065.15	41.54	44.97	-80.13	-1,921.52	545.37	990.93	906.64	84.29	11.756		
7,900.00	7,235.26	7,917.69	7,065.98	42.82	45.92	-80.15	-1,921.31	445.38	990.11	903.13	86.99	11.382		
8,000.00	7,235.47	8,017.69	7,066.81	44.25	47.05	-80.18	-1,921.10	345.38	989.30	899.34	89.96	10.997		
8,100.00	7,235.68	8,117.68	7,067.63	45.82	48.36	-80.21	-1,920.89	245.39	988.49	895.31	93.18	10.608		
8,200.00	7,235.90	8,217.68	7,068.46	47.52	49.82	-80.24	-1,920.68	145.40	987.68	891.06	96.62	10.222		
8,300.00	7,236.11	8,317.68	7,069.28	49.34	51.44	-80.27	-1,920.47	45.41	986.87	886.60	100.27	9.842		
8,400.00	7,236.32	8,417.67	7,070.11	51.25	53.18	-80.29	-1,920.26	-54.58	986.06	881.97	104.09	9.473		
8,500.00	7,236.54	8,517.67	7,070.93	53.26	55.04	-80.32	-1,920.05	-154.58	985.25	877.18	108.07	9.117		
8,600.00	7,236.75	8,617.66	7,071.76	55.34	57.00	-80.35	-1,919.84	-254.57	984.44	872.24	112.20	8.774		
8,700.00	7,236.96	8,717.66	7,072.59	57.50	59.05	-80.38	-1,919.63	-354.56	983.63	867.18	116.45	8.447		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 30N-14B-S - OH - Plan #1														Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,800.00	7,237.17	8,817.65	7,073.41	59.71	61.17	-80.41	-1,919.42	-454.55	982.82	862.00	120.82	8.135			
8,900.00	7,237.39	8,917.65	7,074.24	61.98	63.35	-80.44	-1,919.22	-554.54	982.01	856.72	125.29	7.838			
9,000.00	7,237.60	9,017.64	7,075.06	64.29	65.60	-80.46	-1,919.01	-654.54	981.20	851.34	129.86	7.556			
9,100.00	7,237.81	9,117.64	7,075.89	66.65	67.89	-80.49	-1,918.80	-754.53	980.39	845.89	134.50	7.289			
9,200.00	7,238.03	9,217.64	7,076.72	69.05	70.24	-80.52	-1,918.59	-854.52	979.58	840.36	139.22	7.036			
9,300.00	7,238.24	9,317.63	7,077.54	71.48	72.62	-80.55	-1,918.38	-954.51	978.77	834.76	144.01	6.796			
9,400.00	7,238.45	9,417.63	7,078.37	73.95	75.04	-80.58	-1,918.17	-1,054.50	977.97	829.10	148.87	6.569			
9,500.00	7,238.67	9,517.62	7,079.19	76.44	77.49	-80.61	-1,917.96	-1,154.49	977.16	823.39	153.77	6.355			
9,600.00	7,238.88	9,617.62	7,080.02	78.96	79.97	-80.63	-1,917.75	-1,254.49	976.35	817.62	158.73	6.151			
9,700.00	7,239.09	9,717.61	7,080.84	81.50	82.47	-80.66	-1,917.54	-1,354.48	975.54	811.81	163.73	5.958			
9,800.00	7,239.30	9,817.61	7,081.67	84.06	85.00	-80.69	-1,917.33	-1,454.47	974.74	805.96	168.77	5.775			
9,900.00	7,239.52	9,917.60	7,082.50	86.64	87.55	-80.72	-1,917.12	-1,554.46	973.93	800.07	173.86	5.602			
10,000.00	7,239.73	10,017.60	7,083.32	89.23	90.12	-80.75	-1,916.91	-1,654.45	973.12	794.15	178.97	5.437			
10,100.00	7,239.94	10,117.60	7,084.15	91.85	92.71	-80.78	-1,916.71	-1,754.45	972.32	788.19	184.12	5.281			
10,200.00	7,240.16	10,217.59	7,084.97	94.47	95.32	-80.81	-1,916.50	-1,854.44	971.51	782.20	189.30	5.132			
10,300.00	7,240.37	10,317.59	7,085.80	97.11	97.94	-80.84	-1,916.29	-1,954.43	970.70	776.19	194.51	4.990			
10,400.00	7,240.58	10,417.58	7,086.63	99.76	100.57	-80.87	-1,916.08	-2,054.42	969.90	770.15	199.74	4.856			
10,500.00	7,240.80	10,517.58	7,087.45	102.43	103.21	-80.89	-1,915.87	-2,154.41	969.09	764.09	205.00	4.727			
10,600.00	7,241.01	10,617.57	7,088.28	105.10	105.87	-80.92	-1,915.66	-2,254.41	968.29	758.01	210.28	4.605			
10,700.00	7,241.22	10,717.57	7,089.10	107.79	108.54	-80.95	-1,915.45	-2,354.40	967.48	751.91	215.58	4.488			
10,800.00	7,241.43	10,817.56	7,089.93	110.48	111.22	-80.98	-1,915.24	-2,454.39	966.68	745.78	220.89	4.376			
10,900.00	7,241.65	10,917.56	7,090.76	113.18	113.90	-81.01	-1,915.03	-2,554.38	965.87	739.64	226.23	4.269			
11,000.00	7,241.86	11,017.56	7,091.58	115.89	116.60	-81.04	-1,914.82	-2,654.37	965.07	733.49	231.58	4.167			
11,100.00	7,242.07	11,117.55	7,092.41	118.60	119.30	-81.07	-1,914.61	-2,754.37	964.26	727.32	236.94	4.070			
11,200.00	7,242.29	11,217.55	7,093.23	121.32	122.01	-81.10	-1,914.40	-2,854.36	963.46	721.14	242.33	3.976			
11,300.00	7,242.50	11,317.54	7,094.06	124.05	124.73	-81.13	-1,914.20	-2,954.35	962.66	714.94	247.72	3.886			
11,400.00	7,242.71	11,417.54	7,094.88	126.78	127.45	-81.16	-1,913.99	-3,054.34	961.85	708.73	253.13	3.800			
11,500.00	7,242.93	11,517.53	7,095.71	129.52	130.18	-81.19	-1,913.78	-3,154.33	961.05	702.51	258.54	3.717			
11,600.00	7,243.14	11,617.53	7,096.54	132.27	132.92	-81.22	-1,913.57	-3,254.32	960.25	696.27	263.97	3.638			
11,700.00	7,243.35	11,717.52	7,097.36	135.02	135.66	-81.25	-1,913.36	-3,354.32	959.45	690.03	269.42	3.561			
11,800.00	7,243.57	11,817.52	7,098.19	137.77	138.41	-81.28	-1,913.15	-3,454.31	958.64	683.78	274.87	3.488			
11,900.00	7,243.78	11,917.52	7,099.01	140.53	141.16	-81.31	-1,912.94	-3,554.30	957.84	677.52	280.33	3.417			
12,000.00	7,243.99	12,017.51	7,099.84	143.29	143.91	-81.34	-1,912.73	-3,654.29	957.04	671.24	285.80	3.349			
12,100.00	7,244.20	12,117.51	7,100.67	146.05	146.67	-81.37	-1,912.52	-3,754.28	956.24	664.97	291.27	3.283			
12,200.00	7,244.42	12,217.50	7,101.49	148.82	149.43	-81.40	-1,912.31	-3,854.28	955.44	658.68	296.76	3.220			
12,300.00	7,244.63	12,317.50	7,102.32	151.60	152.20	-81.43	-1,912.10	-3,954.27	954.64	652.38	302.25	3.158			
12,400.00	7,244.84	12,417.49	7,103.14	154.37	154.97	-81.46	-1,911.89	-4,054.26	953.84	646.08	307.75	3.099			
12,500.00	7,245.06	12,517.49	7,103.97	157.15	157.74	-81.49	-1,911.69	-4,154.25	953.04	639.77	313.26	3.042			
12,600.00	7,245.27	12,617.48	7,104.79	159.93	160.52	-81.52	-1,911.48	-4,254.24	952.23	633.46	318.78	2.987			
12,700.00	7,245.48	12,717.48	7,105.62	162.71	163.30	-81.55	-1,911.27	-4,354.24	951.44	627.14	324.30	2.934			
12,800.00	7,245.70	12,817.48	7,106.45	165.50	166.08	-81.58	-1,911.06	-4,454.23	950.64	620.81	329.82	2.882			
12,900.00	7,245.91	12,917.47	7,107.27	168.29	168.86	-81.61	-1,910.85	-4,554.22	949.84	614.48	335.36	2.832			
13,000.00	7,246.12	13,017.47	7,108.10	171.08	171.65	-81.64	-1,910.64	-4,654.21	949.04	608.14	340.89	2.784			
13,100.00	7,246.33	13,117.46	7,108.92	173.87	174.44	-81.67	-1,910.43	-4,754.20	948.24	601.80	346.44	2.737			
13,200.00	7,246.55	13,217.46	7,109.75	176.67	177.23	-81.70	-1,910.22	-4,854.20	947.44	595.45	351.99	2.692			
13,300.00	7,246.76	13,317.45	7,110.58	179.47	180.03	-81.73	-1,910.01	-4,954.19	946.64	589.10	357.54	2.648			
13,358.28	7,246.88	13,375.73	7,111.06	181.10	181.65	-81.75	-1,909.89	-5,012.46	946.18	585.40	360.78	2.623 SF			
13,400.00	7,246.97	13,368.87	7,111.00	182.27	181.46	-81.74	-1,909.90	-5,005.60	947.09	586.01	361.08	2.623			
13,500.00	7,247.19	13,368.87	7,111.00	185.07	181.46	-81.74	-1,909.90	-5,005.60	956.65	596.98	359.67	2.660			
13,600.00	7,247.40	13,368.87	7,111.00	187.87	181.46	-81.74	-1,909.90	-5,005.60	976.42	621.70	354.72	2.753			
13,700.00	7,247.61	13,368.87	7,111.00	190.68	181.46	-81.74	-1,909.90	-5,005.60	1,005.78	658.99	346.80	2.900			

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 30N-14B-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
13,800.00	7,247.83	13,368.87	7,111.00	193.48	181.46	-81.74	-1,909.90	-5,005.60	1,043.94	707.31	336.62	3.101		
13,900.00	7,248.04	13,368.87	7,111.00	196.29	181.46	-81.74	-1,909.90	-5,005.60	1,089.96	765.00	324.96	3.354		
14,000.00	7,248.25	13,368.87	7,111.00	199.10	181.46	-81.74	-1,909.90	-5,005.60	1,142.90	830.42	312.48	3.657		
14,100.00	7,248.46	13,368.87	7,111.00	201.91	181.46	-81.74	-1,909.90	-5,005.60	1,201.84	902.10	299.74	4.010		
14,200.00	7,248.68	13,368.87	7,111.00	204.72	181.46	-81.74	-1,909.90	-5,005.60	1,265.95	978.81	287.14	4.409		
14,300.00	7,248.89	13,368.87	7,111.00	207.53	181.46	-81.74	-1,909.90	-5,005.60	1,334.48	1,059.52	274.96	4.853		
14,400.00	7,249.10	13,368.87	7,111.00	210.35	181.46	-81.74	-1,909.90	-5,005.60	1,406.79	1,143.42	263.37	5.342		
14,500.00	7,249.32	13,368.87	7,111.00	213.16	181.46	-81.74	-1,909.90	-5,005.60	1,482.31	1,229.85	252.46	5.871		
14,600.00	7,249.53	13,368.87	7,111.00	215.98	181.46	-81.74	-1,909.90	-5,005.60	1,560.60	1,318.32	242.28	6.441		
14,700.00	7,249.74	13,368.87	7,111.00	218.80	181.46	-81.74	-1,909.90	-5,005.60	1,641.24	1,408.41	232.83	7.049		
14,800.00	7,249.96	13,368.87	7,111.00	221.62	181.46	-81.74	-1,909.90	-5,005.60	1,723.91	1,499.84	224.08	7.693		
14,900.00	7,250.17	13,368.87	7,111.00	224.44	181.46	-81.74	-1,909.90	-5,005.60	1,808.34	1,592.34	216.00	8.372		
15,000.00	7,250.38	13,368.87	7,111.00	227.26	181.46	-81.74	-1,909.90	-5,005.60	1,894.28	1,685.74	208.54	9.083		
15,100.00	7,250.59	13,368.87	7,111.00	230.08	181.46	-81.74	-1,909.90	-5,005.60	1,981.54	1,779.87	201.67	9.826		
15,200.00	7,250.81	13,368.87	7,111.00	232.90	181.46	-81.74	-1,909.90	-5,005.60	2,069.95	1,874.62	195.33	10.597		
15,300.00	7,251.02	13,368.87	7,111.00	235.72	181.46	-81.74	-1,909.90	-5,005.60	2,159.38	1,969.89	189.48	11.396		
15,400.00	7,251.23	13,368.87	7,111.00	238.55	181.46	-81.74	-1,909.90	-5,005.60	2,249.69	2,065.61	184.09	12.221		
15,500.00	7,251.45	13,368.87	7,111.00	241.37	181.46	-81.74	-1,909.90	-5,005.60	2,340.80	2,161.70	179.10	13.070		
15,600.00	7,251.66	13,368.87	7,111.00	244.20	181.46	-81.74	-1,909.90	-5,005.60	2,432.60	2,258.12	174.48	13.942		
15,700.00	7,251.87	13,368.87	7,111.00	247.03	181.46	-81.74	-1,909.90	-5,005.60	2,525.02	2,354.82	170.20	14.835		
15,800.00	7,252.09	13,368.87	7,111.00	249.85	181.46	-81.74	-1,909.90	-5,005.60	2,618.00	2,451.77	166.24	15.749		
15,900.00	7,252.30	13,368.87	7,111.00	252.68	181.46	-81.74	-1,909.90	-5,005.60	2,711.48	2,548.93	162.55	16.681		
16,000.00	7,252.51	13,368.87	7,111.00	255.51	181.46	-81.74	-1,909.90	-5,005.60	2,805.42	2,646.29	159.13	17.630		
16,100.00	7,252.72	13,368.87	7,111.00	258.34	181.46	-81.74	-1,909.90	-5,005.60	2,899.75	2,743.81	155.94	18.595		
16,200.00	7,252.94	13,368.87	7,111.00	261.17	181.46	-81.74	-1,909.90	-5,005.60	2,994.46	2,841.48	152.97	19.575		
16,300.00	7,253.15	13,368.87	7,111.00	264.00	181.46	-81.74	-1,909.90	-5,005.60	3,089.49	2,939.30	150.20	20.569		
16,400.00	7,253.36	13,368.87	7,111.00	266.83	181.46	-81.74	-1,909.90	-5,005.60	3,184.84	3,037.23	147.61	21.576		
16,500.00	7,253.58	13,368.87	7,111.00	269.66	181.46	-81.74	-1,909.90	-5,005.60	3,280.46	3,135.27	145.19	22.595		
16,600.00	7,253.79	13,368.87	7,111.00	272.50	181.46	-81.74	-1,909.90	-5,005.60	3,376.33	3,233.41	142.92	23.624		
16,700.00	7,254.00	13,368.87	7,111.00	275.33	181.46	-81.74	-1,909.90	-5,005.60	3,472.44	3,331.64	140.79	24.663		
16,800.00	7,254.22	13,368.87	7,111.00	278.16	181.46	-81.74	-1,909.90	-5,005.60	3,568.75	3,429.96	138.80	25.712		
16,900.00	7,254.43	13,368.87	7,111.00	281.00	181.46	-81.74	-1,909.90	-5,005.60	3,665.27	3,528.35	136.92	26.769		
17,000.00	7,254.64	13,368.87	7,111.00	283.83	181.46	-81.74	-1,909.90	-5,005.60	3,761.97	3,626.81	135.16	27.833		
17,100.00	7,254.85	13,368.87	7,111.00	286.67	181.46	-81.74	-1,909.90	-5,005.60	3,858.84	3,725.34	133.50	28.905		
17,200.00	7,255.07	13,368.87	7,111.00	289.50	181.46	-81.74	-1,909.90	-5,005.60	3,955.86	3,823.92	131.94	29.983		
17,300.00	7,255.28	13,368.87	7,111.00	292.34	181.46	-81.74	-1,909.90	-5,005.60	4,053.03	3,922.56	130.47	31.066		
17,400.00	7,255.49	13,368.87	7,111.00	295.17	181.46	-81.74	-1,909.90	-5,005.60	4,150.33	4,021.26	129.08	32.154		
17,500.00	7,255.71	13,368.87	7,111.00	298.01	181.46	-81.74	-1,909.90	-5,005.60	4,247.76	4,120.00	127.76	33.247		
17,600.00	7,255.92	13,368.87	7,111.00	300.85	181.46	-81.74	-1,909.90	-5,005.60	4,345.30	4,218.78	126.52	34.344		
17,700.00	7,256.13	13,368.87	7,111.00	303.68	181.46	-81.74	-1,909.90	-5,005.60	4,442.96	4,317.61	125.35	35.445		
17,800.00	7,256.35	13,368.87	7,111.00	306.52	181.46	-81.74	-1,909.90	-5,005.60	4,540.71	4,416.48	124.24	36.549		
17,900.00	7,256.56	13,368.87	7,111.00	309.36	181.46	-81.74	-1,909.90	-5,005.60	4,638.57	4,515.38	123.18	37.656		
18,000.00	7,256.77	13,368.87	7,111.00	312.20	181.46	-81.74	-1,909.90	-5,005.60	4,736.51	4,614.32	122.19	38.764		
18,100.00	7,256.98	13,368.87	7,111.00	315.04	181.46	-81.74	-1,909.90	-5,005.60	4,834.53	4,713.29	121.24	39.875		
18,200.00	7,257.20	13,368.87	7,111.00	317.88	181.46	-81.74	-1,909.90	-5,005.60	4,932.64	4,812.29	120.34	40.988		
18,300.00	7,257.41	13,368.87	7,111.00	320.72	181.46	-81.74	-1,909.90	-5,005.60	5,030.82	4,911.32	119.49	42.102		
18,400.00	7,257.62	13,368.87	7,111.00	323.56	181.46	-81.74	-1,909.90	-5,005.60	5,129.07	5,010.38	118.68	43.217		
18,500.00	7,257.84	13,368.87	7,111.00	326.40	181.46	-81.74	-1,909.90	-5,005.60	5,227.38	5,109.47	117.91	44.333		
18,600.00	7,258.05	13,368.87	7,111.00	329.24	181.46	-81.74	-1,909.90	-5,005.60	5,325.76	5,208.58	117.18	45.449		
18,700.00	7,258.26	13,368.87	7,111.00	332.08	181.46	-81.74	-1,909.90	-5,005.60	5,424.20	5,307.71	116.49	46.565		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 30N-14B-S - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,800.00	7,258.48	13,368.87	7,111.00	334.92	181.46	-81.74	-1,909.90	-5,005.60	5,522.69	5,406.87	115.82	47.682		
18,900.00	7,258.69	13,368.87	7,111.00	337.76	181.46	-81.74	-1,909.90	-5,005.60	5,621.24	5,506.05	115.19	48.799		
19,000.00	7,258.90	13,368.87	7,111.00	340.60	181.46	-81.74	-1,909.90	-5,005.60	5,719.84	5,605.25	114.59	49.915		
19,046.19	7,259.00	13,368.87	7,111.00	341.92	181.46	-81.74	-1,909.90	-5,005.60	5,765.40	5,651.07	114.32	50.430		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Falken 31C-14-S - Plan #1 - Plan #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
0.00	0.00	0.00	0.00	3.28	3.28	-179.53	-135.16	-1.11	135.16								
100.00	100.00	100.00	100.00	3.28	3.28	-179.53	-135.16	-1.11	135.16	128.59	6.57	20.575					
200.00	200.00	200.00	200.00	3.34	3.34	-179.53	-135.16	-1.11	135.16	128.49	6.67	20.252					
300.00	300.00	300.00	300.00	3.44	3.44	-179.53	-135.16	-1.11	135.16	128.27	6.89	19.618	CC, ES				
400.00	399.98	395.90	395.89	3.60	3.59	55.75	-136.61	-0.44	135.69	128.49	7.19	18.863					
500.00	499.84	491.77	491.62	3.79	3.77	56.59	-140.98	1.59	137.28	129.70	7.58	18.106					
600.00	599.45	587.55	587.07	4.03	3.99	57.94	-148.24	4.95	140.01	131.96	8.05	17.384					
700.00	698.70	683.21	682.07	4.30	4.24	59.73	-158.37	9.65	143.96	135.36	8.59	16.750					
800.00	797.47	778.71	776.48	4.61	4.53	61.88	-171.36	15.68	149.23	140.04	9.19	16.231					
900.00	895.62	874.01	870.17	4.95	4.84	64.28	-187.15	23.00	155.96	146.11	9.85	15.838					
1,000.00	993.06	969.07	963.01	5.33	5.19	66.85	-205.72	31.61	164.24	153.69	10.55	15.574					
1,100.00	1,090.08	1,063.91	1,054.89	5.74	5.57	69.14	-227.01	41.48	174.78	163.48	11.30	15.470					
1,200.00	1,187.11	1,158.40	1,145.61	6.17	5.97	70.54	-250.96	52.59	188.03	175.95	12.09	15.559					
1,300.00	1,284.14	1,252.35	1,234.91	6.61	6.41	71.15	-277.45	64.88	203.79	190.88	12.90	15.797					
1,400.00	1,381.17	1,345.57	1,322.51	7.07	6.87	71.13	-306.34	78.27	221.93	208.20	13.74	16.157					
1,500.00	1,478.20	1,437.86	1,408.18	7.55	7.36	70.62	-337.48	92.72	242.44	227.86	14.58	16.624					
1,600.00	1,575.23	1,529.06	1,491.70	8.03	7.87	69.77	-370.69	108.12	265.33	249.89	15.44	17.187					
1,700.00	1,672.26	1,618.99	1,572.88	8.52	8.41	68.68	-405.79	124.39	290.61	274.33	16.29	17.842					
1,800.00	1,769.29	1,712.40	1,656.17	9.01	9.01	67.45	-444.15	142.18	317.88	300.68	17.20	18.486					
1,900.00	1,866.32	1,808.34	1,741.63	9.51	9.64	66.36	-483.70	160.53	345.42	327.27	18.15	19.027					
2,000.00	1,963.35	1,904.28	1,827.09	10.02	10.28	65.43	-523.25	178.87	373.06	353.93	19.13	19.505					
2,100.00	2,060.38	2,000.22	1,912.55	10.53	10.94	64.63	-562.81	197.22	400.78	380.67	20.11	19.927					
2,200.00	2,157.41	2,103.84	1,998.01	11.04	11.66	63.93	-602.36	215.56	428.56	407.41	21.15	20.260					
2,300.00	2,254.44	2,192.10	2,083.47	11.56	12.28	63.32	-641.92	233.90	456.39	434.28	22.11	20.639					
2,400.00	2,351.47	2,288.04	2,168.93	12.07	12.96	62.78	-681.47	252.25	484.27	461.14	23.13	20.939					
2,500.00	2,448.50	2,383.98	2,254.39	12.59	13.65	62.30	-721.03	270.59	512.18	488.03	24.15	21.210					
2,600.00	2,545.53	2,479.92	2,339.85	13.12	14.34	61.86	-760.58	288.93	540.12	514.95	25.18	21.455					
2,700.00	2,642.56	2,575.86	2,425.32	13.64	15.04	61.47	-800.14	307.28	568.09	541.88	26.21	21.677					
2,800.00	2,739.59	2,671.80	2,510.78	14.17	15.74	61.12	-839.69	325.62	596.08	568.84	27.25	21.878					
2,900.00	2,836.62	2,767.74	2,596.24	14.69	16.44	60.80	-879.24	343.97	624.09	595.80	28.29	22.063					
3,000.00	2,933.65	2,863.68	2,681.70	15.22	17.15	60.50	-918.80	362.31	652.12	622.78	29.33	22.231					
3,100.00	3,030.68	2,959.62	2,767.16	15.75	17.86	60.23	-958.35	380.65	680.16	649.78	30.38	22.387					
3,200.00	3,127.71	3,055.57	2,852.62	16.28	18.57	59.98	-997.91	399.00	708.21	676.78	31.44	22.529					
3,300.00	3,224.74	3,151.51	2,938.08	16.82	19.29	59.75	-1,037.46	417.34	736.28	703.79	32.49	22.661					
3,400.00	3,321.76	3,247.45	3,023.54	17.35	20.00	59.54	-1,077.02	435.68	764.35	730.80	33.55	22.783					
3,500.00	3,418.79	3,343.39	3,109.00	17.88	20.72	59.34	-1,116.57	454.03	792.43	757.83	34.61	22.897					
3,600.00	3,515.82	3,439.33	3,194.46	18.42	21.44	59.16	-1,156.12	472.37	820.53	784.85	35.67	23.002					
3,700.00	3,612.85	3,535.27	3,279.93	18.95	22.16	58.98	-1,195.68	490.72	848.63	811.89	36.74	23.100					
3,800.00	3,709.88	3,631.21	3,365.39	19.49	22.88	58.82	-1,235.23	509.06	876.73	838.93	37.80	23.192					
3,900.00	3,806.91	3,727.15	3,450.85	20.02	23.60	58.67	-1,274.79	527.40	904.84	865.97	38.87	23.278					
4,000.00	3,903.94	3,823.09	3,536.31	20.56	24.33	58.53	-1,314.34	545.75	932.96	893.02	39.94	23.359					
4,100.00	4,000.97	3,919.03	3,621.77	21.09	25.05	58.40	-1,353.90	564.09	961.08	920.07	41.01	23.434					
4,200.00	4,098.00	4,014.97	3,707.23	21.63	25.78	58.27	-1,393.45	582.43	989.21	947.13	42.08	23.506					
4,300.00	4,195.03	4,110.91	3,792.69	22.17	26.50	58.15	-1,433.01	600.78	1,017.34	974.18	43.16	23.573					
4,400.00	4,292.06	4,206.85	3,878.15	22.71	27.23	58.04	-1,472.56	619.12	1,045.48	1,001.24	44.23	23.636					
4,500.00	4,389.09	4,302.79	3,963.61	23.25	27.96	57.93	-1,512.11	637.47	1,073.62	1,028.31	45.31	23.696					
4,600.00	4,486.12	4,401.26	4,049.07	23.78	28.70	57.83	-1,551.67	655.81	1,101.76	1,055.36	46.40	23.744					
4,700.00	4,583.15	4,505.32	4,134.54	24.32	29.49	57.73	-1,591.22	674.15	1,129.90	1,082.37	47.53	23.773					
4,800.00	4,680.18	4,609.38	4,220.00	24.86	30.28	57.64	-1,630.78	692.50	1,158.05	1,109.39	48.66	23.800					
4,900.00	4,777.21	4,686.56	4,305.46	25.40	30.87	57.55	-1,670.33	710.84	1,186.20	1,136.58	49.62	23.905					
5,000.00	4,874.24	4,782.50	4,390.92	25.94	31.60	57.47	-1,709.89	729.18	1,214.35	1,163.65	50.70	23.951					

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
5,100.00	4,971.27	4,878.44	4,476.38	26.48	32.33	57.39	-1,749.44	747.53	1,242.51	1,190.72	51.78	23.995			
5,200.00	5,068.30	4,974.38	4,561.84	27.02	33.06	57.31	-1,788.99	765.87	1,270.66	1,217.80	52.86	24.036			
5,300.00	5,165.33	5,070.32	4,647.30	27.56	33.79	57.24	-1,828.55	784.22	1,298.82	1,244.88	53.95	24.076			
5,400.00	5,262.36	5,166.26	4,732.76	28.10	34.52	57.17	-1,868.10	802.56	1,326.98	1,271.95	55.03	24.114			
5,500.00	5,359.39	5,262.20	4,818.22	28.64	35.26	57.10	-1,907.66	820.90	1,355.15	1,299.03	56.11	24.150			
5,600.00	5,456.42	5,358.14	4,903.68	29.18	35.99	57.04	-1,947.21	839.25	1,383.31	1,326.11	57.20	24.185			
5,700.00	5,553.45	5,454.08	4,989.15	29.72	36.72	56.98	-1,986.77	857.59	1,411.48	1,353.19	58.28	24.218			
5,800.00	5,650.47	5,550.02	5,074.61	30.27	37.45	56.92	-2,026.32	875.93	1,439.64	1,380.28	59.37	24.250			
5,900.00	5,747.50	5,645.97	5,160.07	30.81	38.18	56.86	-2,065.88	894.28	1,467.81	1,407.36	60.45	24.280			
6,000.00	5,844.53	5,741.91	5,245.53	31.35	38.92	56.81	-2,105.43	912.62	1,495.98	1,434.44	61.54	24.310			
6,100.00	5,941.56	5,837.85	5,330.99	31.89	39.65	56.76	-2,144.98	930.97	1,524.15	1,461.53	62.63	24.338			
6,200.00	6,038.59	5,933.79	5,416.45	32.43	40.38	56.71	-2,184.54	949.31	1,552.33	1,488.61	63.71	24.365			
6,300.00	6,135.62	6,029.73	5,501.91	32.97	41.12	56.66	-2,224.09	967.65	1,580.50	1,515.70	64.80	24.391			
6,400.00	6,232.65	6,125.67	5,587.37	33.51	41.85	56.61	-2,263.65	986.00	1,608.67	1,542.79	65.89	24.416			
6,500.00	6,329.68	6,221.61	5,672.83	34.06	42.59	56.56	-2,303.20	1,004.34	1,636.85	1,569.87	66.97	24.440			
6,600.00	6,426.71	6,317.55	5,758.29	34.60	43.32	56.52	-2,342.76	1,022.68	1,665.02	1,596.96	68.06	24.463			
6,655.36	6,480.43	6,370.67	5,805.61	34.90	43.73	56.50	-2,364.65	1,032.84	1,680.62	1,611.96	68.67	24.475			
6,700.00	6,524.01	6,413.46	5,843.72	35.13	44.05	56.40	-2,382.30	1,041.02	1,693.12	1,623.99	69.13	24.492			
6,750.00	6,573.29	6,461.13	5,886.19	35.36	44.42	56.36	-2,401.95	1,050.14	1,706.91	1,637.31	69.60	24.524			
6,800.00	6,622.76	6,508.25	5,928.16	35.56	44.78	-5.46	-2,421.38	1,059.14	1,720.41	1,650.40	70.02	24.571			
6,850.00	6,672.13	6,554.51	5,969.37	35.73	45.13	-30.08	-2,440.45	1,067.99	1,733.63	1,663.24	70.39	24.628			
6,900.00	6,721.08	6,599.65	6,009.58	35.88	45.48	-44.90	-2,459.06	1,076.62	1,746.55	1,675.82	70.73	24.693			
6,950.00	6,769.31	6,643.38	6,048.53	36.03	45.81	-53.46	-2,477.09	1,084.98	1,759.22	1,688.17	71.04	24.763			
7,000.00	6,816.53	6,685.42	6,085.98	36.18	46.14	-58.70	-2,494.42	1,093.02	1,771.66	1,700.32	71.33	24.837			
7,050.00	6,862.44	6,725.53	6,121.71	36.34	46.44	-62.11	-2,510.96	1,100.69	1,783.93	1,712.33	71.60	24.915			
7,100.00	6,906.77	6,763.45	6,155.49	36.50	46.73	-64.45	-2,526.59	1,107.94	1,796.11	1,724.25	71.86	24.996			
7,150.00	6,949.23	6,801.05	6,187.11	36.68	47.02	-66.10	-2,541.23	1,114.73	1,808.26	1,736.15	72.11	25.076			
7,200.00	6,989.58	6,831.81	6,216.38	36.87	47.26	-67.26	-2,554.77	1,121.01	1,820.46	1,748.13	72.33	25.168			
7,250.00	7,027.55	6,861.82	6,243.12	37.09	47.49	-68.05	-2,567.15	1,126.75	1,832.78	1,760.22	72.56	25.258			
7,300.00	7,062.91	6,888.81	6,267.16	37.32	47.69	-68.53	-2,578.28	1,131.91	1,845.29	1,772.50	72.79	25.351			
7,350.00	7,095.45	6,912.61	6,288.35	37.59	47.88	-68.76	-2,588.09	1,136.46	1,858.03	1,785.01	73.02	25.445			
7,400.00	7,124.97	6,933.07	6,306.58	37.88	48.03	-68.74	-2,596.52	1,140.37	1,871.06	1,797.79	73.26	25.539			
7,450.00	7,151.28	6,950.06	6,321.71	38.21	48.16	-68.49	-2,603.52	1,143.62	1,884.39	1,810.88	73.51	25.633			
7,500.00	7,174.22	6,963.47	6,333.66	38.58	48.27	-68.02	-2,609.06	1,146.18	1,898.04	1,824.26	73.78	25.726			
7,550.00	7,193.65	6,973.24	6,342.36	38.98	48.34	-67.34	-2,613.08	1,148.05	1,911.99	1,837.93	74.06	25.818			
7,600.00	7,209.45	6,979.29	6,347.75	39.43	48.39	-66.46	-2,615.58	1,149.21	1,926.20	1,851.85	74.35	25.907			
7,650.00	7,221.52	6,981.59	6,349.80	39.91	48.40	-65.39	-2,616.53	1,149.65	1,940.62	1,865.96	74.66	25.994			
7,700.00	7,229.79	6,980.12	6,348.50	40.42	48.39	-64.15	-2,615.92	1,149.37	1,955.17	1,880.19	74.97	26.078			
7,750.00	7,234.21	6,974.90	6,343.84	40.97	48.35	-62.75	-2,613.77	1,148.37	1,969.74	1,894.44	75.30	26.160			
7,780.56	7,235.00	6,969.87	6,339.36	41.32	48.31	-61.82	-2,611.69	1,147.41	1,978.61	1,903.12	75.49	26.209			
7,800.00	7,235.04	6,966.23	6,336.12	41.54	48.29	-61.71	-2,610.19	1,146.71	1,984.32	1,908.70	75.62	26.240			
7,900.00	7,235.26	6,947.51	6,319.45	42.82	48.14	-61.16	-2,602.48	1,143.13	2,016.29	1,939.94	76.35	26.407			
8,000.00	7,235.47	6,928.79	6,302.77	44.25	48.00	-60.60	-2,594.76	1,139.55	2,052.48	1,975.30	77.18	26.594			
8,100.00	7,235.68	6,942.82	6,233.89	45.82	55.49	-89.95	-3,019.91	243.39	2,073.13	1,977.92	95.21	21.774			
8,200.00	7,235.90	6,942.81	6,234.47	47.52	56.41	-89.96	-3,019.65	143.40	2,072.36	1,973.75	98.60	21.017			
8,300.00	7,236.11	6,942.81	6,235.05	49.34	57.49	-89.97	-3,019.39	43.40	2,071.59	1,969.38	102.21	20.269			
8,400.00	7,236.32	6,942.81	6,235.63	51.25	58.75	-89.98	-3,019.13	-56.59	2,070.82	1,964.82	105.99	19.537			
8,500.00	7,236.54	6,942.80	6,236.22	53.26	60.17	-89.99	-3,018.87	-156.59	2,070.05	1,960.10	109.95	18.828			
8,600.00	7,236.75	6,942.80	6,236.80	55.34	61.74	-90.00	-3,018.60	-256.58	2,069.28	1,955.23	114.05	18.143			
8,700.00	7,236.96	6,942.80	6,237.38	57.50	63.44	-90.01	-3,018.34	-356.57	2,068.51	1,950.22	118.29	17.487			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 31C-14-S - Plan #1 - Plan #1														Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,800.00	7,237.17	9,342.79	7,237.96	59.71	65.27	-90.02	-3,018.08	-456.57	2,067.74	1,945.09	122.65	16.859			
8,900.00	7,237.39	9,442.79	7,238.54	61.98	67.20	-90.03	-3,017.82	-556.56	2,066.97	1,939.86	127.11	16.261			
9,000.00	7,237.60	9,542.79	7,239.12	64.29	69.22	-90.04	-3,017.56	-656.56	2,066.20	1,934.53	131.67	15.692			
9,100.00	7,237.81	9,642.78	7,239.70	66.65	71.33	-90.05	-3,017.30	-756.55	2,065.43	1,929.11	136.32	15.151			
9,200.00	7,238.03	9,742.78	7,240.28	69.05	73.49	-90.06	-3,017.04	-856.55	2,064.66	1,923.61	141.05	14.638			
9,300.00	7,238.24	9,842.77	7,240.86	71.48	75.72	-90.07	-3,016.78	-956.54	2,063.89	1,918.05	145.85	14.151			
9,400.00	7,238.45	9,942.77	7,241.44	73.95	78.00	-90.08	-3,016.51	-1,056.53	2,063.12	1,912.41	150.71	13.689			
9,500.00	7,238.67	10,042.77	7,242.02	76.44	80.33	-90.09	-3,016.25	-1,156.53	2,062.35	1,906.73	155.63	13.252			
9,600.00	7,238.88	10,142.76	7,242.61	78.96	82.70	-90.10	-3,015.99	-1,256.52	2,061.59	1,900.98	160.60	12.837			
9,700.00	7,239.09	10,242.76	7,243.19	81.50	85.10	-90.11	-3,015.73	-1,356.52	2,060.82	1,895.19	165.62	12.443			
9,800.00	7,239.30	10,342.76	7,243.77	84.06	87.54	-90.12	-3,015.47	-1,456.51	2,060.05	1,889.36	170.69	12.069			
9,900.00	7,239.52	10,442.75	7,244.35	86.64	90.01	-90.13	-3,015.21	-1,556.51	2,059.28	1,883.49	175.79	11.714			
10,000.00	7,239.73	10,542.75	7,244.93	89.23	92.50	-90.14	-3,014.95	-1,656.50	2,058.51	1,877.58	180.93	11.377			
10,100.00	7,239.94	10,642.75	7,245.51	91.85	95.01	-90.15	-3,014.69	-1,756.49	2,057.74	1,871.64	186.11	11.057			
10,200.00	7,240.16	10,742.74	7,246.09	94.47	97.55	-90.16	-3,014.43	-1,856.49	2,056.97	1,865.66	191.31	10.752			
10,300.00	7,240.37	10,842.74	7,246.67	97.11	100.11	-90.17	-3,014.16	-1,956.48	2,056.21	1,859.66	196.55	10.462			
10,400.00	7,240.58	10,942.73	7,247.25	99.76	102.68	-90.19	-3,013.90	-2,056.48	2,055.44	1,853.63	201.81	10.185			
10,500.00	7,240.80	11,042.73	7,247.83	102.43	105.27	-90.20	-3,013.64	-2,156.47	2,054.67	1,847.58	207.09	9.922			
10,600.00	7,241.01	11,142.73	7,248.42	105.10	107.88	-90.21	-3,013.38	-2,256.47	2,053.90	1,841.50	212.40	9.670			
10,700.00	7,241.22	11,242.72	7,249.00	107.79	110.49	-90.22	-3,013.12	-2,356.46	2,053.13	1,835.41	217.72	9.430			
10,800.00	7,241.43	11,342.72	7,249.58	110.48	113.13	-90.23	-3,012.86	-2,456.46	2,052.36	1,829.29	223.07	9.201			
10,900.00	7,241.65	11,442.72	7,250.16	113.18	115.77	-90.24	-3,012.60	-2,556.45	2,051.60	1,823.16	228.43	8.981			
11,000.00	7,241.86	11,542.71	7,250.74	115.89	118.42	-90.25	-3,012.34	-2,656.44	2,050.83	1,817.01	233.82	8.771			
11,100.00	7,242.07	11,642.71	7,251.32	118.60	121.09	-90.26	-3,012.07	-2,756.44	2,050.06	1,810.85	239.21	8.570			
11,200.00	7,242.29	11,742.71	7,251.90	121.32	123.76	-90.27	-3,011.81	-2,856.43	2,049.29	1,804.67	244.62	8.377			
11,300.00	7,242.50	11,842.70	7,252.48	124.05	126.44	-90.28	-3,011.55	-2,956.43	2,048.53	1,798.48	250.05	8.193			
11,400.00	7,242.71	11,942.70	7,253.06	126.78	129.14	-90.29	-3,011.29	-3,056.42	2,047.76	1,792.27	255.49	8.015			
11,500.00	7,242.93	12,042.69	7,253.64	129.52	131.83	-90.30	-3,011.03	-3,156.42	2,046.99	1,786.05	260.94	7.845			
11,600.00	7,243.14	12,142.69	7,254.23	132.27	134.54	-90.31	-3,010.77	-3,256.41	2,046.22	1,779.83	266.40	7.681			
11,700.00	7,243.35	12,242.69	7,254.81	135.02	137.25	-90.32	-3,010.51	-3,356.40	2,045.46	1,773.59	271.87	7.524			
11,800.00	7,243.57	12,342.68	7,255.39	137.77	139.97	-90.33	-3,010.25	-3,456.40	2,044.69	1,767.34	277.35	7.372			
11,900.00	7,243.78	12,442.68	7,255.97	140.53	142.69	-90.34	-3,009.98	-3,556.39	2,043.92	1,761.08	282.84	7.226			
12,000.00	7,243.99	12,542.68	7,256.55	143.29	145.42	-90.35	-3,009.72	-3,656.39	2,043.15	1,754.82	288.34	7.086			
12,100.00	7,244.20	12,642.67	7,257.13	146.05	148.16	-90.36	-3,009.46	-3,756.38	2,042.39	1,748.54	293.84	6.951			
12,200.00	7,244.42	12,742.67	7,257.71	148.82	150.90	-90.37	-3,009.20	-3,856.38	2,041.62	1,742.26	299.36	6.820			
12,300.00	7,244.63	12,842.67	7,258.29	151.60	153.64	-90.38	-3,008.94	-3,956.37	2,040.85	1,735.97	304.88	6.694			
12,400.00	7,244.84	12,942.66	7,258.87	154.37	156.39	-90.39	-3,008.68	-4,056.36	2,040.09	1,729.67	310.41	6.572			
12,500.00	7,245.06	13,042.66	7,259.45	157.15	159.14	-90.40	-3,008.42	-4,156.36	2,039.32	1,723.37	315.95	6.455			
12,600.00	7,245.27	13,142.65	7,260.04	159.93	161.90	-90.41	-3,008.16	-4,256.35	2,038.55	1,717.06	321.49	6.341			
12,700.00	7,245.48	13,242.65	7,260.62	162.71	164.66	-90.42	-3,007.89	-4,356.35	2,037.78	1,710.74	327.04	6.231			
12,800.00	7,245.70	13,342.65	7,261.20	165.50	167.42	-90.44	-3,007.63	-4,456.34	2,037.02	1,704.42	332.59	6.125			
12,900.00	7,245.91	13,442.64	7,261.78	168.29	170.19	-90.45	-3,007.37	-4,556.34	2,036.25	1,698.10	338.15	6.022			
12,953.74	7,246.02	13,480.77	7,262.00	169.79	171.24	-90.45	-3,007.27	-4,594.46	2,035.90	1,695.27	340.63	5.977			
13,000.00	7,246.12	13,480.77	7,262.00	171.08	171.24	-90.45	-3,007.27	-4,594.46	2,036.42	1,694.84	341.58	5.962			
13,100.00	7,246.33	13,480.77	7,262.00	173.87	171.24	-90.45	-3,007.27	-4,594.46	2,041.15	1,698.07	343.08	5.950 SF			
13,200.00	7,246.55	13,480.77	7,262.00	176.67	171.24	-90.45	-3,007.27	-4,594.46	2,050.74	1,706.94	343.80	5.965			
13,300.00	7,246.76	13,480.77	7,262.00	179.47	171.24	-90.45	-3,007.27	-4,594.46	2,065.14	1,721.36	343.77	6.007			
13,400.00	7,246.97	13,480.77	7,262.00	182.27	171.24	-90.45	-3,007.27	-4,594.46	2,084.24	1,741.22	343.02	6.076			
13,500.00	7,247.19	13,480.77	7,262.00	185.07	171.24	-90.45	-3,007.27	-4,594.46	2,107.91	1,766.32	341.59	6.171			
13,600.00	7,247.40	13,480.77	7,262.00	187.87	171.24	-90.45	-3,007.27	-4,594.46	2,136.01	1,796.47	339.54	6.291			
13,700.00	7,247.61	13,480.77	7,262.00	190.68	171.24	-90.45	-3,007.27	-4,594.46	2,168.36	1,831.43	336.94	6.436			

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Falken 31C-14-S - Plan #1 - Plan #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
13,800.00	7,247.83	13,480.77	7,262.00	193.48	171.24	-90.45	-3,007.27	-4,594.46	2,204.78	1,870.94	333.84	6.604					
13,900.00	7,248.04	13,480.77	7,262.00	196.29	171.24	-90.45	-3,007.27	-4,594.46	2,245.06	1,914.74	330.32	6.797					
14,000.00	7,248.25	13,480.77	7,262.00	199.10	171.24	-90.45	-3,007.27	-4,594.46	2,289.01	1,962.56	326.45	7.012					
14,100.00	7,248.46	13,480.77	7,262.00	201.91	171.24	-90.45	-3,007.27	-4,594.46	2,336.41	2,014.12	322.29	7.249					
14,200.00	7,248.68	13,480.77	7,262.00	204.72	171.24	-90.45	-3,007.27	-4,594.46	2,387.06	2,069.15	317.91	7.509					
14,300.00	7,248.89	13,480.77	7,262.00	207.53	171.24	-90.45	-3,007.27	-4,594.46	2,440.76	2,127.40	313.36	7.789					
14,400.00	7,249.10	13,480.77	7,262.00	210.35	171.24	-90.45	-3,007.27	-4,594.46	2,497.31	2,188.61	308.70	8.090					
14,500.00	7,249.32	13,480.77	7,262.00	213.16	171.24	-90.45	-3,007.27	-4,594.46	2,556.52	2,252.56	303.97	8.411					
14,600.00	7,249.53	13,480.77	7,262.00	215.98	171.24	-90.45	-3,007.27	-4,594.46	2,618.22	2,319.02	299.20	8.751					
14,700.00	7,249.74	13,480.77	7,262.00	218.80	171.24	-90.45	-3,007.27	-4,594.46	2,682.22	2,387.78	294.44	9.109					
14,800.00	7,249.96	13,480.77	7,262.00	221.62	171.24	-90.45	-3,007.27	-4,594.46	2,748.38	2,458.66	289.71	9.487					
14,900.00	7,250.17	13,480.77	7,262.00	224.44	171.24	-90.45	-3,007.27	-4,594.46	2,816.53	2,531.49	285.04	9.881					
15,000.00	7,250.38	13,480.77	7,262.00	227.26	171.24	-90.45	-3,007.27	-4,594.46	2,886.53	2,606.09	280.44	10.293					
15,100.00	7,250.59	13,480.77	7,262.00	230.08	171.24	-90.45	-3,007.27	-4,594.46	2,958.27	2,682.33	275.93	10.721					
15,200.00	7,250.81	13,480.77	7,262.00	232.90	171.24	-90.45	-3,007.27	-4,594.46	3,031.60	2,760.07	271.53	11.165					
15,300.00	7,251.02	13,480.77	7,262.00	235.72	171.24	-90.45	-3,007.27	-4,594.46	3,106.42	2,839.19	267.23	11.624					
15,400.00	7,251.23	13,480.77	7,262.00	238.55	171.24	-90.45	-3,007.27	-4,594.46	3,182.62	2,919.57	263.05	12.099					
15,500.00	7,251.45	13,480.77	7,262.00	241.37	171.24	-90.45	-3,007.27	-4,594.46	3,260.11	3,001.12	259.00	12.587					
15,600.00	7,251.66	13,480.77	7,262.00	244.20	171.24	-90.45	-3,007.27	-4,594.46	3,338.80	3,083.73	255.07	13.090					
15,700.00	7,251.87	13,480.77	7,262.00	247.03	171.24	-90.45	-3,007.27	-4,594.46	3,418.60	3,167.34	251.26	13.606					
15,800.00	7,252.09	13,480.77	7,262.00	249.85	171.24	-90.45	-3,007.27	-4,594.46	3,499.44	3,251.86	247.58	14.134					
15,900.00	7,252.30	13,480.77	7,262.00	252.68	171.24	-90.45	-3,007.27	-4,594.46	3,581.25	3,337.22	244.03	14.675					
16,000.00	7,252.51	13,480.77	7,262.00	255.51	171.24	-90.45	-3,007.27	-4,594.46	3,663.96	3,423.36	240.60	15.228					
16,100.00	7,252.72	13,480.77	7,262.00	258.34	171.24	-90.45	-3,007.27	-4,594.46	3,747.51	3,510.22	237.29	15.793					
16,200.00	7,252.94	13,480.77	7,262.00	261.17	171.24	-90.45	-3,007.27	-4,594.46	3,831.85	3,597.75	234.10	16.368					
16,300.00	7,253.15	13,480.77	7,262.00	264.00	171.24	-90.45	-3,007.27	-4,594.46	3,916.93	3,685.90	231.03	16.954					
16,400.00	7,253.36	13,480.77	7,262.00	266.83	171.24	-90.45	-3,007.27	-4,594.46	4,002.70	3,774.63	228.07	17.550					
16,500.00	7,253.58	13,480.77	7,262.00	269.66	171.24	-90.45	-3,007.27	-4,594.46	4,089.12	3,863.90	225.22	18.156					
16,600.00	7,253.79	13,480.77	7,262.00	272.50	171.24	-90.45	-3,007.27	-4,594.46	4,176.14	3,953.66	222.47	18.771					
16,700.00	7,254.00	13,480.77	7,262.00	275.33	171.24	-90.45	-3,007.27	-4,594.46	4,263.73	4,043.90	219.83	19.396					
16,800.00	7,254.22	13,480.77	7,262.00	278.16	171.24	-90.45	-3,007.27	-4,594.46	4,351.85	4,134.57	217.28	20.028					
16,900.00	7,254.43	13,480.77	7,262.00	281.00	171.24	-90.45	-3,007.27	-4,594.46	4,440.48	4,225.65	214.83	20.669					
17,000.00	7,254.64	13,480.77	7,262.00	283.83	171.24	-90.45	-3,007.27	-4,594.46	4,529.58	4,317.11	212.47	21.318					
17,100.00	7,254.85	13,480.77	7,262.00	286.67	171.24	-90.45	-3,007.27	-4,594.46	4,619.13	4,408.93	210.20	21.975					
17,200.00	7,255.07	13,480.77	7,262.00	289.50	171.24	-90.45	-3,007.27	-4,594.46	4,709.10	4,501.09	208.02	22.638					
17,300.00	7,255.28	13,480.77	7,262.00	292.34	171.24	-90.45	-3,007.27	-4,594.46	4,799.47	4,593.56	205.91	23.309					
17,400.00	7,255.49	13,480.77	7,262.00	295.17	171.24	-90.45	-3,007.27	-4,594.46	4,890.21	4,686.33	203.88	23.986					
17,500.00	7,255.71	13,480.77	7,262.00	298.01	171.24	-90.45	-3,007.27	-4,594.46	4,981.30	4,779.38	201.92	24.669					
17,600.00	7,255.92	13,480.77	7,262.00	300.85	171.24	-90.45	-3,007.27	-4,594.46	5,072.74	4,872.70	200.04	25.359					
17,700.00	7,256.13	13,480.77	7,262.00	303.68	171.24	-90.45	-3,007.27	-4,594.46	5,164.48	4,966.26	198.22	26.054					
17,800.00	7,256.35	13,480.77	7,262.00	306.52	171.24	-90.45	-3,007.27	-4,594.46	5,256.53	5,060.06	196.47	26.754					
17,900.00	7,256.56	13,480.77	7,262.00	309.36	171.24	-90.45	-3,007.27	-4,594.46	5,348.87	5,154.08	194.79	27.460					
18,000.00	7,256.77	13,480.77	7,262.00	312.20	171.24	-90.45	-3,007.27	-4,594.46	5,441.48	5,248.31	193.16	28.171					
18,100.00	7,256.98	13,480.77	7,262.00	315.04	171.24	-90.45	-3,007.27	-4,594.46	5,534.34	5,342.75	191.59	28.886					
18,200.00	7,257.20	13,480.77	7,262.00	317.88	171.24	-90.45	-3,007.27	-4,594.46	5,627.45	5,437.37	190.08	29.606					
18,300.00	7,257.41	13,480.77	7,262.00	320.72	171.24	-90.45	-3,007.27	-4,594.46	5,720.79	5,532.17	188.62	30.330					
18,400.00	7,257.62	13,480.77	7,262.00	323.56	171.24	-90.45	-3,007.27	-4,594.46	5,814.35	5,627.14	187.21	31.058					
18,500.00	7,257.84	13,480.77	7,262.00	326.40	171.24	-90.45	-3,007.27	-4,594.46	5,908.12	5,722.28	185.85	31.790					
18,600.00	7,258.05	13,480.77	7,262.00	329.24	171.24	-90.45	-3,007.27	-4,594.46	6,002.10	5,817.56	184.53	32.526					
18,700.00	7,258.26	13,480.77	7,262.00	332.08	171.24	-90.45	-3,007.27	-4,594.46	6,096.26	5,913.00	183.26	33.265					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 31C-14-S - Plan #1 - Plan #1													<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1													<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,800.00	7,258.48	13,480.77	7,262.00	334.92	171.24	-90.45	-3,007.27	-4,594.46	6,190.61	6,008.57	182.04	34.007		
18,900.00	7,258.69	13,480.77	7,262.00	337.76	171.24	-90.45	-3,007.27	-4,594.46	6,285.14	6,104.28	180.85	34.753		
19,000.00	7,258.90	13,480.77	7,262.00	340.60	171.24	-90.45	-3,007.27	-4,594.46	6,379.83	6,200.12	179.71	35.501		
19,046.19	7,259.00	13,480.77	7,262.00	341.92	171.24	-90.45	-3,007.27	-4,594.46	6,423.62	6,244.42	179.19	35.848		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Falken 31N-14B-S - OH - Plan #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)		(ft)	(ft)	(ft)					
0.00	0.00	0.00	0.00	3.28	3.28	-179.60	-120.22	-0.83	120.22								
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-120.22	-0.83	120.22	113.65	6.57	18.301					
200.00	200.00	200.00	200.00	3.34	3.34	-179.60	-120.22	-0.83	120.22	113.55	6.67	18.014					
300.00	300.00	300.00	300.00	3.44	3.44	-179.60	-120.22	-0.83	120.22	113.33	6.89	17.450	CC, ES				
400.00	399.98	396.39	396.37	3.60	3.59	55.70	-121.67	-0.11	120.73	113.54	7.19	16.782					
500.00	499.84	492.74	492.59	3.79	3.77	56.58	-126.02	2.06	122.29	114.70	7.58	16.124					
600.00	599.45	589.01	588.52	4.03	4.00	58.00	-133.26	5.67	124.94	116.88	8.06	15.508					
700.00	698.70	685.18	684.02	4.30	4.25	59.89	-143.36	10.71	128.78	120.18	8.60	14.977					
800.00	797.47	781.20	778.94	4.61	4.53	62.13	-156.30	17.16	133.92	124.72	9.20	14.557					
900.00	895.62	877.03	873.14	4.95	4.85	64.64	-172.05	25.02	140.46	130.61	9.86	14.253					
1,000.00	993.06	972.66	966.50	5.33	5.21	67.28	-190.56	34.25	148.52	137.96	10.56	14.067					
1,100.00	1,090.08	1,068.07	1,058.90	5.74	5.59	69.58	-211.81	44.85	158.76	147.45	11.31	14.032					
1,200.00	1,187.11	1,163.15	1,150.15	6.17	6.00	70.85	-235.70	56.77	171.63	159.52	12.11	14.175					
1,300.00	1,284.14	1,257.69	1,239.96	6.61	6.44	71.27	-262.14	69.95	186.92	173.99	12.93	14.457					
1,400.00	1,381.17	1,351.50	1,328.05	7.07	6.90	71.01	-290.97	84.34	204.55	190.78	13.77	14.853					
1,500.00	1,478.20	1,444.38	1,414.18	7.55	7.40	70.25	-322.05	99.84	224.53	209.90	14.63	15.351					
1,600.00	1,575.23	1,536.15	1,498.14	8.03	7.92	69.15	-355.20	116.37	246.88	231.39	15.48	15.943					
1,700.00	1,672.26	1,627.60	1,580.60	8.52	8.48	67.80	-390.58	134.02	271.63	255.28	16.35	16.613					
1,800.00	1,769.29	1,724.02	1,667.07	9.01	9.09	66.48	-428.76	153.07	297.38	280.08	17.30	17.193					
1,900.00	1,866.32	1,820.44	1,753.53	9.51	9.72	65.37	-466.95	172.12	323.25	304.99	18.26	17.704					
2,000.00	1,963.35	1,916.86	1,839.99	10.02	10.36	64.42	-505.14	191.16	349.22	329.99	19.23	18.156					
2,100.00	2,060.38	2,013.28	1,926.45	10.53	11.01	63.60	-543.33	210.21	375.27	355.05	20.22	18.558					
2,200.00	2,157.41	2,109.70	2,012.91	11.04	11.68	62.89	-581.52	229.26	401.38	380.16	21.22	18.916					
2,300.00	2,254.44	2,206.11	2,099.37	11.56	12.35	62.26	-619.71	248.31	427.54	405.31	22.23	19.237					
2,400.00	2,351.47	2,302.53	2,185.83	12.07	13.02	61.71	-657.89	267.36	453.74	430.50	23.24	19.524					
2,500.00	2,448.50	2,401.05	2,272.29	12.59	13.72	61.22	-696.08	286.40	479.97	455.70	24.27	19.774					
2,600.00	2,545.53	2,504.63	2,358.75	13.12	14.46	60.78	-734.27	305.45	506.24	480.90	25.34	19.976					
2,700.00	2,642.56	2,608.21	2,445.21	13.64	15.20	60.38	-772.46	324.50	532.53	506.12	26.42	20.159					
2,800.00	2,739.59	2,688.21	2,531.67	14.17	15.78	60.02	-810.65	343.55	558.85	531.49	27.36	20.428					
2,900.00	2,836.62	2,784.63	2,618.13	14.69	16.48	59.69	-848.83	362.60	585.18	556.78	28.40	20.607					
3,000.00	2,933.65	2,881.05	2,704.59	15.22	17.18	59.39	-887.02	381.65	611.53	582.08	29.44	20.770					
3,100.00	3,030.68	2,977.47	2,791.05	15.75	17.88	59.11	-925.21	400.69	637.89	607.40	30.49	20.921					
3,200.00	3,127.71	3,073.89	2,877.51	16.28	18.59	58.86	-963.40	419.74	664.26	632.72	31.54	21.060					
3,300.00	3,224.74	3,170.30	2,963.98	16.82	19.30	58.63	-1,001.59	438.79	690.65	658.06	32.60	21.188					
3,400.00	3,321.76	3,266.72	3,050.44	17.35	20.01	58.41	-1,039.78	457.84	717.05	683.40	33.65	21.308					
3,500.00	3,418.79	3,363.14	3,136.90	17.88	20.72	58.21	-1,077.96	476.89	743.45	708.74	34.71	21.418					
3,600.00	3,515.82	3,459.56	3,223.36	18.42	21.43	58.02	-1,116.15	495.94	769.87	734.09	35.77	21.521					
3,700.00	3,612.85	3,555.98	3,309.82	18.95	22.14	57.85	-1,154.34	514.98	796.29	759.45	36.83	21.618					
3,800.00	3,709.88	3,652.40	3,396.28	19.49	22.86	57.68	-1,192.53	534.03	822.71	784.81	37.90	21.708					
3,900.00	3,806.91	3,748.82	3,482.74	20.02	23.57	57.53	-1,230.72	553.08	849.15	810.18	38.97	21.792					
4,000.00	3,903.94	3,845.24	3,569.20	20.56	24.29	57.38	-1,268.90	572.13	875.58	835.55	40.03	21.871					
4,100.00	4,000.97	3,941.66	3,655.66	21.09	25.00	57.25	-1,307.09	591.18	902.03	860.93	41.10	21.946					
4,200.00	4,098.00	4,038.08	3,742.12	21.63	25.72	57.12	-1,345.28	610.23	928.48	886.30	42.17	22.016					
4,300.00	4,195.03	4,134.49	3,828.58	22.17	26.44	57.00	-1,383.47	629.27	954.93	911.68	43.24	22.082					
4,400.00	4,292.06	4,230.91	3,915.04	22.71	27.16	56.89	-1,421.66	648.32	981.38	937.07	44.32	22.145					
4,500.00	4,389.09	4,327.33	4,001.50	23.25	27.88	56.78	-1,459.85	667.37	1,007.84	962.45	45.39	22.204					
4,600.00	4,486.12	4,423.75	4,087.96	23.78	28.60	56.67	-1,498.03	686.42	1,034.30	987.84	46.47	22.260					
4,700.00	4,583.15	4,520.17	4,174.43	24.32	29.32	56.58	-1,536.22	705.47	1,060.77	1,013.23	47.54	22.313					
4,800.00	4,680.18	4,616.59	4,260.89	24.86	30.04	56.48	-1,574.41	724.51	1,087.24	1,038.62	48.62	22.363					
4,900.00	4,777.21	4,713.01	4,347.35	25.40	30.77	56.39	-1,612.60	743.56	1,113.71	1,064.01	49.69	22.411					
5,000.00	4,874.24	4,809.43	4,433.81	25.94	31.49	56.31	-1,650.79	762.61	1,140.18	1,089.41	50.77	22.457					

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 31N-14B-S - OH - Plan #1														Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
5,100.00	4,971.27	4,905.85	4,520.27	26.48	32.21	56.23	-1,688.97	781.66	1,166.65	1,114.80	51.85	22.500			
5,200.00	5,068.30	5,002.27	4,606.73	27.02	32.93	56.15	-1,727.16	800.71	1,193.13	1,140.20	52.93	22.542			
5,300.00	5,165.33	5,101.32	4,693.19	27.56	33.68	56.08	-1,765.35	819.76	1,219.61	1,165.58	54.03	22.575			
5,400.00	5,262.36	5,195.10	4,779.65	28.10	34.38	56.01	-1,803.54	838.80	1,246.09	1,191.00	55.09	22.619			
5,500.00	5,359.39	5,308.48	4,866.11	28.64	35.23	55.94	-1,841.73	857.85	1,272.57	1,216.30	56.28	22.613			
5,600.00	5,456.42	5,387.94	4,952.57	29.18	35.83	55.87	-1,879.92	876.90	1,299.06	1,241.80	57.25	22.690			
5,700.00	5,553.45	5,484.36	5,039.03	29.72	36.56	55.81	-1,918.10	895.95	1,325.54	1,267.21	58.33	22.723			
5,800.00	5,650.47	5,580.78	5,125.49	30.27	37.28	55.75	-1,956.29	915.00	1,352.03	1,292.61	59.42	22.755			
5,900.00	5,747.50	5,677.20	5,211.95	30.81	38.01	55.69	-1,994.48	934.05	1,378.52	1,318.02	60.50	22.785			
6,000.00	5,844.53	5,773.62	5,298.41	31.35	38.73	55.64	-2,032.67	953.09	1,405.01	1,343.42	61.58	22.815			
6,100.00	5,941.56	5,870.04	5,384.88	31.89	39.46	55.59	-2,070.86	972.14	1,431.50	1,368.83	62.67	22.843			
6,200.00	6,038.59	5,966.46	5,471.34	32.43	40.18	55.53	-2,109.05	991.19	1,457.99	1,394.24	63.75	22.870			
6,300.00	6,135.62	6,062.88	5,557.80	32.97	40.91	55.48	-2,147.23	1,010.24	1,484.48	1,419.64	64.84	22.896			
6,400.00	6,232.65	6,159.29	5,644.26	33.51	41.64	55.44	-2,185.42	1,029.29	1,510.97	1,445.05	65.92	22.921			
6,500.00	6,329.68	6,255.71	5,730.72	34.06	42.36	55.39	-2,223.61	1,048.33	1,537.47	1,470.46	67.01	22.945			
6,600.00	6,426.71	6,352.13	5,817.18	34.60	43.09	55.35	-2,261.80	1,067.38	1,563.96	1,495.87	68.09	22.968			
6,655.36	6,480.43	6,405.51	5,865.05	34.90	43.49	55.32	-2,282.94	1,077.93	1,578.63	1,509.94	68.69	22.981			
6,700.00	6,524.01	6,448.51	5,903.60	35.13	43.81	44.15	-2,299.97	1,086.42	1,590.41	1,521.26	69.16	22.997			
6,750.00	6,573.29	6,503.61	5,946.54	35.36	44.23	22.63	-2,318.93	1,095.88	1,603.47	1,533.80	69.67	23.016			
6,800.00	6,622.76	6,543.69	5,988.95	35.56	44.53	-6.88	-2,337.67	1,105.23	1,616.34	1,546.30	70.04	23.078			
6,850.00	6,672.13	6,609.89	6,030.58	35.73	45.03	-31.57	-2,356.05	1,114.40	1,629.01	1,558.49	70.52	23.098			
6,900.00	6,721.08	6,635.38	6,071.17	35.88	45.22	-46.47	-2,373.98	1,123.34	1,641.50	1,570.77	70.73	23.206			
6,950.00	6,769.31	6,679.21	6,110.47	36.03	45.55	-55.09	-2,391.34	1,132.00	1,653.84	1,582.80	71.04	23.281			
7,000.00	6,816.53	6,721.33	6,148.24	36.18	45.87	-60.39	-2,408.02	1,140.32	1,666.09	1,594.77	71.32	23.362			
7,050.00	6,862.44	6,761.48	6,184.25	36.34	46.17	-63.85	-2,423.93	1,148.25	1,678.30	1,606.72	71.58	23.448			
7,100.00	6,906.77	6,800.58	6,218.27	36.50	46.47	-66.23	-2,438.95	1,155.75	1,690.55	1,618.73	71.83	23.537			
7,150.00	6,949.23	6,834.90	6,250.09	36.68	46.73	-67.90	-2,453.01	1,162.76	1,702.93	1,630.88	72.05	23.636			
7,200.00	6,989.58	6,867.72	6,279.52	36.87	46.98	-69.06	-2,466.01	1,169.24	1,715.52	1,643.25	72.27	23.737			
7,250.00	7,027.55	6,897.67	6,306.37	37.09	47.20	-69.84	-2,477.87	1,175.16	1,728.38	1,655.90	72.49	23.844			
7,300.00	7,062.91	6,924.56	6,330.49	37.32	47.40	-70.29	-2,488.52	1,180.47	1,741.59	1,668.89	72.70	23.955			
7,350.00	7,095.45	6,948.24	6,351.72	37.59	47.58	-70.46	-2,497.89	1,185.15	1,755.21	1,682.29	72.92	24.070			
7,400.00	7,124.97	6,968.54	6,369.92	37.88	47.74	-70.36	-2,505.94	1,189.16	1,769.27	1,696.12	73.15	24.187			
7,450.00	7,151.28	7,001.32	6,399.45	38.21	47.98	-70.52	-2,518.97	1,194.87	1,783.72	1,710.14	73.58	24.241			
7,500.00	7,174.22	7,038.45	6,433.17	38.58	48.23	-70.69	-2,533.85	1,199.33	1,798.46	1,724.35	74.11	24.266			
7,550.00	7,193.65	7,081.13	6,472.15	38.98	48.49	-70.93	-2,551.04	1,201.78	1,813.43	1,738.68	74.75	24.260			
7,600.00	7,209.45	7,133.96	6,520.48	39.43	48.78	-71.38	-2,572.32	1,200.86	1,828.57	1,753.05	75.52	24.214			
7,650.00	7,221.52	7,208.30	6,588.02	39.91	49.12	-72.41	-2,602.03	1,192.17	1,843.73	1,767.26	76.48	24.109			
7,700.00	7,229.79	7,340.64	6,704.28	40.42	49.52	-74.97	-2,653.06	1,155.72	1,858.52	1,780.75	77.77	23.896			
7,750.00	7,234.21	7,700.00	6,959.92	40.97	50.11	-81.94	-2,764.52	936.68	1,870.94	1,790.51	80.42	23.264			
7,780.56	7,235.00	8,100.10	7,070.03	41.32	51.37	-84.95	-2,811.07	561.93	1,873.19	1,786.84	86.35	21.693			
7,800.00	7,235.04	8,119.33	7,070.13	41.54	51.47	-84.95	-2,811.01	542.49	1,873.03	1,786.19	86.84	21.568			
7,900.00	7,235.26	8,219.33	7,070.65	42.82	52.07	-84.95	-2,810.72	442.49	1,872.21	1,782.69	89.51	20.916			
8,000.00	7,235.47	8,319.33	7,071.17	44.25	52.80	-84.96	-2,810.43	342.50	1,871.38	1,778.92	92.46	20.241			
8,100.00	7,235.68	8,419.32	7,071.70	45.82	53.68	-84.97	-2,810.14	242.51	1,870.56	1,774.90	95.65	19.556			
8,200.00	7,235.90	8,519.32	7,072.22	47.52	54.72	-84.98	-2,809.84	142.51	1,869.73	1,770.66	99.07	18.873			
8,300.00	7,236.11	8,619.32	7,072.74	49.34	55.94	-84.98	-2,809.55	42.52	1,868.91	1,766.21	102.69	18.199			
8,400.00	7,236.32	8,719.31	7,073.27	51.25	57.32	-84.99	-2,809.26	-57.48	1,868.08	1,761.58	106.50	17.541			
8,500.00	7,236.54	8,819.31	7,073.79	53.26	58.86	-85.00	-2,808.97	-157.47	1,867.26	1,756.79	110.46	16.904			
8,600.00	7,236.75	8,919.30	7,074.31	55.34	60.55	-85.01	-2,808.67	-257.47	1,866.43	1,751.86	114.57	16.290			
8,700.00	7,236.96	9,019.30	7,074.84	57.50	62.35	-85.01	-2,808.38	-357.46	1,865.61	1,746.79	118.82	15.701			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 31N-14B-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	9,119.30	7,075.36	59.71	64.26	-85.02	-2,808.09	-457.46	1,864.78	1,741.60	123.18	15.139		
8,900.00	7,237.39	9,219.29	7,075.88	61.98	66.27	-85.03	-2,807.79	-557.45	1,863.96	1,736.31	127.65	14.603		
9,000.00	7,237.60	9,319.29	7,076.41	64.29	68.36	-85.04	-2,807.50	-657.45	1,863.13	1,730.92	132.21	14.093		
9,100.00	7,237.81	9,419.29	7,076.93	66.65	70.52	-85.04	-2,807.21	-757.44	1,862.31	1,725.45	136.85	13.608		
9,200.00	7,238.03	9,519.28	7,077.45	69.05	72.74	-85.05	-2,806.92	-857.43	1,861.48	1,719.90	141.58	13.148		
9,300.00	7,238.24	9,619.28	7,077.97	71.48	75.01	-85.06	-2,806.62	-957.43	1,860.66	1,714.29	146.37	12.712		
9,400.00	7,238.45	9,719.27	7,078.50	73.95	77.34	-85.06	-2,806.33	-1,057.42	1,859.83	1,708.61	151.23	12.298		
9,500.00	7,238.67	9,819.27	7,079.02	76.44	79.70	-85.07	-2,806.04	-1,157.42	1,859.01	1,702.87	156.14	11.906		
9,600.00	7,238.88	9,919.27	7,079.54	78.96	82.10	-85.08	-2,805.75	-1,257.41	1,858.18	1,697.08	161.10	11.534		
9,700.00	7,239.09	10,019.26	7,080.07	81.50	84.54	-85.09	-2,805.45	-1,357.41	1,857.36	1,691.24	166.11	11.181		
9,800.00	7,239.30	10,119.26	7,080.59	84.06	87.00	-85.09	-2,805.16	-1,457.40	1,856.53	1,685.36	171.17	10.846		
9,900.00	7,239.52	10,219.26	7,081.11	86.64	89.49	-85.10	-2,804.87	-1,557.40	1,855.71	1,679.45	176.26	10.528		
10,000.00	7,239.73	10,319.25	7,081.64	89.23	92.01	-85.11	-2,804.57	-1,657.39	1,854.88	1,673.49	181.39	10.226		
10,100.00	7,239.94	10,419.25	7,082.16	91.85	94.55	-85.12	-2,804.28	-1,757.38	1,854.06	1,667.50	186.56	9.938		
10,200.00	7,240.16	10,519.24	7,082.68	94.47	97.10	-85.12	-2,803.99	-1,857.38	1,853.24	1,661.49	191.75	9.665		
10,300.00	7,240.37	10,619.24	7,083.20	97.11	99.68	-85.13	-2,803.70	-1,957.37	1,852.41	1,655.44	196.97	9.404		
10,400.00	7,240.58	10,719.24	7,083.73	99.76	102.27	-85.14	-2,803.40	-2,057.37	1,851.59	1,649.37	202.22	9.156		
10,500.00	7,240.80	10,819.23	7,084.25	102.43	104.88	-85.15	-2,803.11	-2,157.36	1,850.76	1,643.27	207.49	8.920		
10,600.00	7,241.01	10,919.23	7,084.77	105.10	107.50	-85.15	-2,802.82	-2,257.36	1,849.94	1,637.15	212.78	8.694		
10,700.00	7,241.22	11,019.23	7,085.30	107.79	110.14	-85.16	-2,802.53	-2,357.35	1,849.11	1,631.01	218.10	8.478		
10,800.00	7,241.43	11,119.22	7,085.82	110.48	112.78	-85.17	-2,802.23	-2,457.35	1,848.29	1,624.86	223.43	8.272		
10,900.00	7,241.65	11,219.22	7,086.34	113.18	115.44	-85.18	-2,801.94	-2,557.34	1,847.47	1,618.68	228.78	8.075		
11,000.00	7,241.86	11,319.22	7,086.87	115.89	118.11	-85.18	-2,801.65	-2,657.34	1,846.64	1,612.49	234.15	7.887		
11,100.00	7,242.07	11,419.21	7,087.39	118.60	120.78	-85.19	-2,801.35	-2,757.33	1,845.82	1,606.28	239.53	7.706		
11,200.00	7,242.29	11,519.21	7,087.91	121.32	123.47	-85.20	-2,801.06	-2,857.32	1,844.99	1,600.06	244.93	7.533		
11,300.00	7,242.50	11,619.20	7,088.44	124.05	126.16	-85.21	-2,800.77	-2,957.32	1,844.17	1,593.82	250.34	7.367		
11,400.00	7,242.71	11,719.20	7,088.96	126.78	128.86	-85.21	-2,800.48	-3,057.31	1,843.34	1,587.58	255.77	7.207		
11,500.00	7,242.93	11,819.20	7,089.48	129.52	131.57	-85.22	-2,800.18	-3,157.31	1,842.52	1,581.32	261.20	7.054		
11,600.00	7,243.14	11,919.19	7,090.00	132.27	134.29	-85.23	-2,799.89	-3,257.30	1,841.70	1,575.05	266.65	6.907		
11,700.00	7,243.35	12,019.19	7,090.53	135.02	137.01	-85.24	-2,799.60	-3,357.30	1,840.87	1,568.76	272.11	6.765		
11,800.00	7,243.57	12,119.19	7,091.05	137.77	139.74	-85.24	-2,799.31	-3,457.29	1,840.05	1,562.47	277.58	6.629		
11,900.00	7,243.78	12,219.18	7,091.57	140.53	142.47	-85.25	-2,799.01	-3,557.29	1,839.22	1,556.17	283.05	6.498		
12,000.00	7,243.99	12,319.18	7,092.10	143.29	145.21	-85.26	-2,798.72	-3,657.28	1,838.40	1,549.86	288.54	6.371		
12,100.00	7,244.20	12,419.17	7,092.62	146.05	147.95	-85.27	-2,798.43	-3,757.28	1,837.58	1,543.55	294.03	6.250		
12,200.00	7,244.42	12,519.17	7,093.14	148.82	150.70	-85.27	-2,798.13	-3,857.27	1,836.75	1,537.22	299.53	6.132		
12,300.00	7,244.63	12,619.17	7,093.67	151.60	153.45	-85.28	-2,797.84	-3,957.26	1,835.93	1,530.89	305.04	6.019		
12,400.00	7,244.84	12,719.16	7,094.19	154.37	156.20	-85.29	-2,797.55	-4,057.26	1,835.11	1,524.55	310.56	5.909		
12,500.00	7,245.06	12,819.16	7,094.71	157.15	158.96	-85.30	-2,797.26	-4,157.25	1,834.28	1,518.20	316.08	5.803		
12,600.00	7,245.27	12,919.16	7,095.24	159.93	161.72	-85.30	-2,796.96	-4,257.25	1,833.46	1,511.85	321.61	5.701		
12,700.00	7,245.48	13,019.15	7,095.76	162.71	164.49	-85.31	-2,796.67	-4,357.24	1,832.63	1,505.49	327.15	5.602		
12,800.00	7,245.70	13,119.15	7,096.28	165.50	167.26	-85.32	-2,796.38	-4,457.24	1,831.81	1,499.12	332.69	5.506		
12,900.00	7,245.91	13,219.15	7,096.80	168.29	170.03	-85.33	-2,796.09	-4,557.23	1,830.99	1,492.75	338.23	5.413		
12,952.56	7,246.02	13,256.62	7,097.00	169.76	171.07	-85.33	-2,795.98	-4,594.70	1,830.62	1,489.96	340.66	5.374		
13,000.00	7,246.12	13,256.62	7,097.00	171.08	171.07	-85.33	-2,795.98	-4,594.70	1,831.23	1,489.63	341.61	5.361		
13,100.00	7,246.33	13,256.62	7,097.00	173.87	171.07	-85.33	-2,795.98	-4,594.70	1,836.55	1,493.65	342.90	5.356 SF		
13,200.00	7,246.55	13,256.62	7,097.00	176.67	171.07	-85.33	-2,795.98	-4,594.70	1,847.27	1,504.03	343.23	5.382		
13,300.00	7,246.76	13,256.62	7,097.00	179.47	171.07	-85.33	-2,795.98	-4,594.70	1,863.30	1,520.64	342.65	5.438		
13,400.00	7,246.97	13,256.62	7,097.00	182.27	171.07	-85.33	-2,795.98	-4,594.70	1,884.51	1,543.30	341.20	5.523		
13,500.00	7,247.19	13,256.62	7,097.00	185.07	171.07	-85.33	-2,795.98	-4,594.70	1,910.72	1,571.77	338.96	5.637		
13,600.00	7,247.40	13,256.62	7,097.00	187.87	171.07	-85.33	-2,795.98	-4,594.70	1,941.74	1,605.74	336.00	5.779		
13,700.00	7,247.61	13,256.62	7,097.00	190.68	171.07	-85.33	-2,795.98	-4,594.70	1,977.33	1,644.92	332.41	5.948		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 31N-14B-S - OH - Plan #1														Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,800.00	7,247.83	13,256.62	7,097.00	193.48	171.07	-85.33	-2,795.98	-4,594.70	2,017.26	1,688.95	328.31	6.144			
13,900.00	7,248.04	13,256.62	7,097.00	196.29	171.07	-85.33	-2,795.98	-4,594.70	2,061.27	1,737.49	323.77	6.366			
14,000.00	7,248.25	13,256.62	7,097.00	199.10	171.07	-85.33	-2,795.98	-4,594.70	2,109.10	1,790.20	318.90	6.614			
14,100.00	7,248.46	13,256.62	7,097.00	201.91	171.07	-85.33	-2,795.98	-4,594.70	2,160.51	1,846.73	313.77	6.886			
14,200.00	7,248.68	13,256.62	7,097.00	204.72	171.07	-85.33	-2,795.98	-4,594.70	2,215.24	1,906.77	308.47	7.181			
14,300.00	7,248.89	13,256.62	7,097.00	207.53	171.07	-85.33	-2,795.98	-4,594.70	2,273.05	1,969.99	303.06	7.500			
14,400.00	7,249.10	13,256.62	7,097.00	210.35	171.07	-85.33	-2,795.98	-4,594.70	2,333.72	2,036.12	297.60	7.842			
14,500.00	7,249.32	13,256.62	7,097.00	213.16	171.07	-85.33	-2,795.98	-4,594.70	2,397.03	2,104.89	292.14	8.205			
14,600.00	7,249.53	13,256.62	7,097.00	215.98	171.07	-85.33	-2,795.98	-4,594.70	2,462.77	2,176.06	286.72	8.590			
14,700.00	7,249.74	13,256.62	7,097.00	218.80	171.07	-85.33	-2,795.98	-4,594.70	2,530.76	2,249.39	281.37	8.995			
14,800.00	7,249.96	13,256.62	7,097.00	221.62	171.07	-85.33	-2,795.98	-4,594.70	2,600.81	2,324.70	276.12	9.419			
14,900.00	7,250.17	13,256.62	7,097.00	224.44	171.07	-85.33	-2,795.98	-4,594.70	2,672.77	2,401.79	270.99	9.863			
15,000.00	7,250.38	13,256.62	7,097.00	227.26	171.07	-85.33	-2,795.98	-4,594.70	2,746.49	2,480.50	265.99	10.325			
15,100.00	7,250.59	13,256.62	7,097.00	230.08	171.07	-85.33	-2,795.98	-4,594.70	2,821.83	2,560.68	261.14	10.806			
15,200.00	7,250.81	13,256.62	7,097.00	232.90	171.07	-85.33	-2,795.98	-4,594.70	2,898.65	2,642.20	256.45	11.303			
15,300.00	7,251.02	13,256.62	7,097.00	235.72	171.07	-85.33	-2,795.98	-4,594.70	2,976.86	2,724.94	251.91	11.817			
15,400.00	7,251.23	13,256.62	7,097.00	238.55	171.07	-85.33	-2,795.98	-4,594.70	3,056.33	2,808.79	247.54	12.347			
15,500.00	7,251.45	13,256.62	7,097.00	241.37	171.07	-85.33	-2,795.98	-4,594.70	3,136.98	2,893.66	243.33	12.892			
15,600.00	7,251.66	13,256.62	7,097.00	244.20	171.07	-85.33	-2,795.98	-4,594.70	3,218.72	2,979.45	239.27	13.452			
15,700.00	7,251.87	13,256.62	7,097.00	247.03	171.07	-85.33	-2,795.98	-4,594.70	3,301.46	3,066.09	235.37	14.026			
15,800.00	7,252.09	13,256.62	7,097.00	249.85	171.07	-85.33	-2,795.98	-4,594.70	3,385.13	3,153.50	231.63	14.614			
15,900.00	7,252.30	13,256.62	7,097.00	252.68	171.07	-85.33	-2,795.98	-4,594.70	3,469.67	3,241.63	228.04	15.215			
16,000.00	7,252.51	13,256.62	7,097.00	255.51	171.07	-85.33	-2,795.98	-4,594.70	3,555.01	3,330.42	224.59	15.829			
16,100.00	7,252.72	13,256.62	7,097.00	258.34	171.07	-85.33	-2,795.98	-4,594.70	3,641.10	3,419.81	221.28	16.454			
16,200.00	7,252.94	13,256.62	7,097.00	261.17	171.07	-85.33	-2,795.98	-4,594.70	3,727.88	3,509.77	218.11	17.092			
16,300.00	7,253.15	13,256.62	7,097.00	264.00	171.07	-85.33	-2,795.98	-4,594.70	3,815.31	3,600.24	215.07	17.740			
16,400.00	7,253.36	13,256.62	7,097.00	266.83	171.07	-85.33	-2,795.98	-4,594.70	3,903.34	3,691.19	212.16	18.398			
16,500.00	7,253.58	13,256.62	7,097.00	269.66	171.07	-85.33	-2,795.98	-4,594.70	3,991.94	3,782.58	209.36	19.067			
16,600.00	7,253.79	13,256.62	7,097.00	272.50	171.07	-85.33	-2,795.98	-4,594.70	4,081.06	3,874.38	206.68	19.746			
16,700.00	7,254.00	13,256.62	7,097.00	275.33	171.07	-85.33	-2,795.98	-4,594.70	4,170.68	3,966.57	204.11	20.434			
16,800.00	7,254.22	13,256.62	7,097.00	278.16	171.07	-85.33	-2,795.98	-4,594.70	4,260.75	4,059.11	201.64	21.130			
16,900.00	7,254.43	13,256.62	7,097.00	281.00	171.07	-85.33	-2,795.98	-4,594.70	4,351.27	4,151.99	199.28	21.835			
17,000.00	7,254.64	13,256.62	7,097.00	283.83	171.07	-85.33	-2,795.98	-4,594.70	4,442.19	4,245.18	197.01	22.548			
17,100.00	7,254.85	13,256.62	7,097.00	286.67	171.07	-85.33	-2,795.98	-4,594.70	4,533.49	4,338.66	194.83	23.269			
17,200.00	7,255.07	13,256.62	7,097.00	289.50	171.07	-85.33	-2,795.98	-4,594.70	4,625.15	4,432.41	192.74	23.997			
17,300.00	7,255.28	13,256.62	7,097.00	292.34	171.07	-85.33	-2,795.98	-4,594.70	4,717.15	4,526.41	190.73	24.732			
17,400.00	7,255.49	13,256.62	7,097.00	295.17	171.07	-85.33	-2,795.98	-4,594.70	4,809.47	4,620.66	188.81	25.473			
17,500.00	7,255.71	13,256.62	7,097.00	298.01	171.07	-85.33	-2,795.98	-4,594.70	4,902.09	4,715.13	186.95	26.221			
17,600.00	7,255.92	13,256.62	7,097.00	300.85	171.07	-85.33	-2,795.98	-4,594.70	4,994.99	4,809.82	185.17	26.974			
17,700.00	7,256.13	13,256.62	7,097.00	303.68	171.07	-85.33	-2,795.98	-4,594.70	5,088.17	4,904.70	183.46	27.734			
17,800.00	7,256.35	13,256.62	7,097.00	306.52	171.07	-85.33	-2,795.98	-4,594.70	5,181.60	4,999.77	181.82	28.498			
17,900.00	7,256.56	13,256.62	7,097.00	309.36	171.07	-85.33	-2,795.98	-4,594.70	5,275.26	5,095.03	180.24	29.268			
18,000.00	7,256.77	13,256.62	7,097.00	312.20	171.07	-85.33	-2,795.98	-4,594.70	5,369.16	5,190.44	178.72	30.043			
18,100.00	7,256.98	13,256.62	7,097.00	315.04	171.07	-85.33	-2,795.98	-4,594.70	5,463.28	5,286.02	177.25	30.822			
18,200.00	7,257.20	13,256.62	7,097.00	317.88	171.07	-85.33	-2,795.98	-4,594.70	5,557.60	5,381.75	175.84	31.605			
18,300.00	7,257.41	13,256.62	7,097.00	320.72	171.07	-85.33	-2,795.98	-4,594.70	5,652.11	5,477.62	174.49	32.393			
18,400.00	7,257.62	13,256.62	7,097.00	323.56	171.07	-85.33	-2,795.98	-4,594.70	5,746.81	5,573.63	173.18	33.184			
18,500.00	7,257.84	13,256.62	7,097.00	326.40	171.07	-85.33	-2,795.98	-4,594.70	5,841.69	5,669.77	171.92	33.979			
18,600.00	7,258.05	13,256.62	7,097.00	329.24	171.07	-85.33	-2,795.98	-4,594.70	5,936.74	5,766.03	170.71	34.777			
18,700.00	7,258.26	13,256.62	7,097.00	332.08	171.07	-85.33	-2,795.98	-4,594.70	6,031.94	5,862.40	169.54	35.578			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 31N-14B-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,800.00	7,258.48	13,256.62	7,097.00	334.92	171.07	-85.33	-2,795.98	-4,594.70	6,127.30	5,958.89	168.41	36.383		
18,900.00	7,258.69	13,256.62	7,097.00	337.76	171.07	-85.33	-2,795.98	-4,594.70	6,222.81	6,055.48	167.32	37.190		
19,000.00	7,258.90	13,256.62	7,097.00	340.60	171.07	-85.33	-2,795.98	-4,594.70	6,318.45	6,152.18	166.27	38.000		
19,046.19	7,259.00	13,256.62	7,097.00	341.92	171.07	-85.33	-2,795.98	-4,594.70	6,362.67	6,196.87	165.80	38.375		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 32C-9-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	0.53	119.85	1.11	119.86					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	119.85	1.11	119.86	113.29	6.57	18.245		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	119.85	1.11	119.86	113.18	6.67	17.959 CC, ES		
300.00	300.00	298.23	298.21	3.44	3.44	1.26	120.55	2.65	120.59	113.70	6.89	17.507		
400.00	399.98	396.26	396.11	3.60	3.60	-122.25	122.63	7.23	123.83	116.63	7.20	17.199		
500.00	499.84	493.96	493.44	3.79	3.80	-120.76	126.09	14.83	130.57	122.96	7.60	17.178		
600.00	599.45	591.15	589.93	4.03	4.04	-119.39	130.88	25.38	140.77	132.68	8.08	17.412		
700.00	698.70	687.67	685.32	4.30	4.31	-118.19	136.98	38.81	154.39	145.75	8.64	17.870		
800.00	797.47	783.39	779.36	4.61	4.61	-117.17	144.34	55.00	171.37	162.11	9.26	18.515		
900.00	895.62	880.05	873.81	4.95	4.94	-116.45	152.87	73.77	191.36	181.44	9.92	19.287		
1,000.00	993.06	977.65	969.10	5.33	5.31	-116.56	161.60	92.97	213.04	202.40	10.64	20.018		
1,100.00	1,090.08	1,075.05	1,064.19	5.74	5.69	-117.35	170.31	112.13	235.51	224.11	11.40	20.653		
1,200.00	1,187.11	1,172.44	1,159.29	6.17	6.10	-118.01	179.01	131.29	258.02	245.82	12.20	21.152		
1,300.00	1,284.14	1,269.84	1,254.38	6.61	6.51	-118.56	187.72	150.45	280.56	267.53	13.02	21.544		
1,400.00	1,381.17	1,367.23	1,349.48	7.07	6.94	-119.03	196.43	169.61	303.11	289.24	13.87	21.852		
1,500.00	1,478.20	1,464.63	1,444.57	7.55	7.37	-119.44	205.14	188.77	325.68	310.95	14.74	22.096		
1,600.00	1,575.23	1,562.02	1,539.66	8.03	7.82	-119.79	213.84	207.93	348.27	332.65	15.62	22.291		
1,700.00	1,672.26	1,659.42	1,634.76	8.52	8.26	-120.10	222.55	227.09	370.87	354.35	16.52	22.447		
1,800.00	1,769.29	1,756.81	1,729.85	9.01	8.72	-120.37	231.26	246.26	393.47	376.04	17.43	22.572		
1,900.00	1,866.32	1,854.21	1,824.94	9.51	9.18	-120.62	239.97	265.42	416.09	397.74	18.35	22.673		
2,000.00	1,963.35	1,951.60	1,920.04	10.02	9.64	-120.83	248.68	284.58	438.71	419.43	19.28	22.754		
2,100.00	2,060.38	2,049.00	2,015.13	10.53	10.10	-121.03	257.38	303.74	461.34	441.12	20.22	22.820		
2,200.00	2,157.41	2,146.39	2,110.23	11.04	10.57	-121.21	266.09	322.90	483.97	462.81	21.16	22.874		
2,300.00	2,254.44	2,243.79	2,205.32	11.56	11.04	-121.37	274.80	342.06	506.60	484.50	22.11	22.918		
2,400.00	2,351.47	2,341.18	2,300.41	12.07	11.52	-121.52	283.51	361.22	529.24	506.18	23.06	22.953		
2,500.00	2,448.50	2,438.58	2,395.51	12.59	11.99	-121.66	292.22	380.38	551.88	527.87	24.01	22.982		
2,600.00	2,545.53	2,535.97	2,490.60	13.12	12.47	-121.79	300.92	399.54	574.53	549.55	24.97	23.005		
2,700.00	2,642.56	2,633.37	2,585.69	13.64	12.95	-121.90	309.63	418.70	597.17	571.24	25.94	23.024		
2,800.00	2,739.59	2,730.76	2,680.79	14.17	13.42	-122.01	318.34	437.87	619.82	592.92	26.90	23.039		
2,900.00	2,836.62	2,828.16	2,775.88	14.69	13.91	-122.11	327.05	457.03	642.47	614.60	27.87	23.051		
3,000.00	2,933.65	2,925.55	2,870.97	15.22	14.39	-122.20	335.76	476.19	665.12	636.28	28.84	23.060		
3,100.00	3,030.68	3,022.95	2,966.07	15.75	14.87	-122.29	344.46	495.35	687.78	657.96	29.82	23.067		
3,200.00	3,127.71	3,120.34	3,061.16	16.28	15.35	-122.37	353.17	514.51	710.43	679.64	30.79	23.072		
3,300.00	3,224.74	3,217.74	3,156.26	16.82	15.84	-122.45	361.88	533.67	733.09	701.32	31.77	23.075		
3,400.00	3,321.76	3,315.13	3,251.35	17.35	16.32	-122.52	370.59	552.83	755.75	723.00	32.75	23.078		
3,500.00	3,418.79	3,412.53	3,346.44	17.88	16.81	-122.59	379.30	571.99	778.41	744.68	33.73	23.079		
3,600.00	3,515.82	3,509.92	3,441.54	18.42	17.30	-122.65	388.00	591.15	801.07	766.36	34.71	23.079		
3,700.00	3,612.85	3,607.32	3,536.63	18.95	17.78	-122.72	396.71	610.31	823.73	788.04	35.69	23.078		
3,800.00	3,709.88	3,704.71	3,631.72	19.49	18.27	-122.77	405.42	629.48	846.39	809.71	36.68	23.077		
3,900.00	3,806.91	3,802.11	3,726.82	20.02	18.76	-122.83	414.13	648.64	869.05	831.39	37.66	23.075		
4,000.00	3,903.94	3,900.50	3,821.91	20.56	19.25	-122.88	422.84	667.80	891.72	853.06	38.65	23.070		
4,100.00	4,000.97	4,003.10	3,917.01	21.09	19.77	-122.93	431.54	686.96	914.38	874.71	39.67	23.052		
4,200.00	4,098.00	4,105.71	4,012.10	21.63	20.28	-122.97	440.25	706.12	937.04	896.37	40.68	23.035		
4,300.00	4,195.03	4,208.31	4,107.19	22.17	20.80	-123.02	448.96	725.28	959.71	918.02	41.69	23.018		
4,400.00	4,292.06	4,289.08	4,202.29	22.71	21.20	-123.06	457.67	744.44	982.37	939.78	42.60	23.061		
4,500.00	4,389.09	4,386.48	4,297.38	23.25	21.70	-123.10	466.38	763.60	1,005.04	961.45	43.59	23.057		
4,600.00	4,486.12	4,483.87	4,392.47	23.78	22.19	-123.14	475.08	782.76	1,027.71	983.13	44.58	23.053		
4,700.00	4,583.15	4,581.27	4,487.57	24.32	22.68	-123.18	483.79	801.92	1,050.37	1,004.80	45.57	23.049		
4,800.00	4,680.18	4,678.66	4,582.66	24.86	23.17	-123.21	492.50	821.09	1,073.04	1,026.48	46.56	23.045		
4,900.00	4,777.21	4,776.06	4,677.75	25.40	23.66	-123.25	501.21	840.25	1,095.71	1,048.15	47.55	23.041		
5,000.00	4,874.24	4,873.45	4,772.85	25.94	24.15	-123.28	509.92	859.41	1,118.38	1,069.83	48.55	23.037		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 32C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
5,100.00	4,971.27	4,970.85	4,867.94	26.48	24.64	-123.31	518.62	878.57	1,141.05	1,091.51	49.54	23.033		
5,200.00	5,068.30	5,068.24	4,963.04	27.02	25.13	-123.34	527.33	897.73	1,163.71	1,113.18	50.53	23.029		
5,300.00	5,165.33	5,165.64	5,058.13	27.56	25.63	-123.37	536.04	916.89	1,186.38	1,134.86	51.53	23.024		
5,400.00	5,262.36	5,263.03	5,153.22	28.10	26.12	-123.40	544.75	936.05	1,209.05	1,156.53	52.52	23.020		
5,500.00	5,359.39	5,360.43	5,248.32	28.64	26.61	-123.42	553.46	955.21	1,231.72	1,178.21	53.52	23.016		
5,600.00	5,456.42	5,457.82	5,343.41	29.18	27.10	-123.45	562.16	974.37	1,254.39	1,199.88	54.51	23.011		
5,700.00	5,553.45	5,555.22	5,438.50	29.72	27.60	-123.47	570.87	993.54	1,277.06	1,221.55	55.51	23.007		
5,800.00	5,650.47	5,652.61	5,533.60	30.27	28.09	-123.50	579.58	1,012.70	1,299.73	1,243.23	56.50	23.003		
5,900.00	5,747.50	5,750.01	5,628.69	30.81	28.58	-123.52	588.29	1,031.86	1,322.40	1,264.90	57.50	22.999		
6,000.00	5,844.53	5,847.40	5,723.79	31.35	29.08	-123.54	597.00	1,051.02	1,345.07	1,286.58	58.49	22.995		
6,100.00	5,941.56	5,944.80	5,818.88	31.89	29.57	-123.57	605.70	1,070.18	1,367.74	1,308.25	59.49	22.991		
6,200.00	6,038.59	6,042.19	5,913.97	32.43	30.06	-123.59	614.41	1,089.34	1,390.41	1,329.93	60.49	22.986		
6,300.00	6,135.62	6,139.59	6,009.07	32.97	30.56	-123.61	623.12	1,108.50	1,413.09	1,351.60	61.49	22.982		
6,400.00	6,232.65	6,236.98	6,104.16	33.51	31.05	-123.63	631.83	1,127.66	1,435.76	1,373.27	62.48	22.978		
6,500.00	6,329.68	6,334.38	6,199.25	34.06	31.54	-123.65	640.54	1,146.82	1,458.43	1,394.95	63.48	22.974		
6,600.00	6,426.71	6,431.77	6,294.35	34.60	32.04	-123.67	649.24	1,165.98	1,481.10	1,416.62	64.48	22.970		
6,655.36	6,480.43	6,485.69	6,346.99	34.90	32.31	-123.68	654.06	1,176.59	1,493.65	1,428.62	65.03	22.968		
6,700.00	6,524.01	6,529.13	6,389.40	35.13	32.53	-136.76	657.95	1,185.14	1,503.83	1,438.36	65.47	22.971		
6,750.00	6,573.29	6,577.49	6,436.62	35.36	32.78	-160.13	662.27	1,194.65	1,515.33	1,449.40	65.93	22.982		
6,800.00	6,622.76	6,625.27	6,483.28	35.56	33.02	168.79	666.54	1,204.05	1,526.92	1,460.54	66.38	23.003		
6,850.00	6,672.13	6,673.03	6,530.17	35.73	33.25	142.74	670.84	1,211.91	1,538.56	1,471.76	66.80	23.033		
6,900.00	6,721.08	6,721.62	6,578.35	35.88	33.46	126.63	675.25	1,216.27	1,550.22	1,483.01	67.20	23.067		
6,950.00	6,769.31	6,771.13	6,627.64	36.03	33.66	116.90	679.77	1,216.90	1,561.81	1,494.21	67.61	23.102		
7,000.00	6,816.53	6,821.65	6,677.83	36.18	33.84	110.61	684.38	1,213.57	1,573.28	1,505.27	68.01	23.133		
7,050.00	6,862.44	6,873.26	6,728.66	36.34	34.03	106.22	689.04	1,206.07	1,584.54	1,516.11	68.44	23.154		
7,100.00	6,906.77	6,926.04	6,779.85	36.50	34.22	102.98	693.74	1,194.14	1,595.53	1,526.65	68.89	23.162		
7,150.00	6,949.23	6,980.08	6,831.04	36.68	34.43	100.49	698.45	1,177.56	1,606.18	1,536.81	69.37	23.154		
7,200.00	6,989.58	7,035.43	6,881.85	36.87	34.65	98.50	703.12	1,156.12	1,616.40	1,546.51	69.89	23.128		
7,250.00	7,027.55	7,092.17	6,931.79	37.09	34.90	96.89	707.72	1,129.64	1,626.13	1,555.67	70.45	23.081		
7,300.00	7,062.91	7,150.32	6,980.33	37.32	35.17	95.56	712.19	1,097.97	1,635.29	1,564.22	71.07	23.010		
7,350.00	7,095.45	7,209.91	7,026.88	37.59	35.49	94.45	716.48	1,061.05	1,643.82	1,572.07	71.75	22.911		
7,400.00	7,124.97	7,270.92	7,070.76	37.88	35.85	93.52	720.53	1,018.89	1,651.64	1,579.14	72.50	22.782		
7,450.00	7,151.28	7,333.29	7,111.25	38.21	36.26	92.75	724.27	971.63	1,658.68	1,585.35	73.33	22.621		
7,500.00	7,174.22	7,396.95	7,147.64	38.58	36.73	92.10	727.64	919.53	1,664.89	1,590.64	74.25	22.424		
7,550.00	7,193.65	7,461.76	7,179.17	38.98	37.27	91.57	730.56	863.02	1,670.20	1,594.93	75.27	22.188		
7,600.00	7,209.45	7,527.55	7,205.15	39.43	37.89	91.14	732.98	802.66	1,674.58	1,598.17	76.40	21.917		
7,650.00	7,221.52	7,594.10	7,224.99	39.91	38.58	90.81	734.84	739.20	1,677.96	1,600.33	77.63	21.614		
7,700.00	7,229.79	7,661.16	7,238.20	40.42	39.33	90.56	736.09	673.49	1,680.33	1,601.38	78.96	21.281		
7,750.00	7,234.21	7,728.46	7,244.47	40.97	40.14	90.40	736.71	606.52	1,681.67	1,601.31	80.36	20.928		
7,780.56	7,235.00	7,765.41	7,245.02	41.32	40.59	90.34	736.78	569.57	1,681.98	1,600.79	81.19	20.717		
7,800.00	7,235.04	7,784.85	7,245.05	41.54	40.84	90.34	736.80	550.13	1,682.09	1,600.41	81.69	20.592		
7,900.00	7,235.26	7,884.85	7,245.23	42.82	42.22	90.34	736.87	450.14	1,682.68	1,598.23	84.45	19.926		
8,000.00	7,235.47	7,984.85	7,245.41	44.25	43.74	90.34	736.95	350.14	1,683.27	1,595.78	87.49	19.240		
8,100.00	7,235.68	8,084.85	7,245.58	45.82	45.38	90.34	737.03	250.14	1,683.85	1,593.07	90.78	18.548		
8,200.00	7,235.90	8,184.84	7,245.76	47.52	47.15	90.34	737.11	150.14	1,684.44	1,590.12	94.32	17.860		
8,300.00	7,236.11	8,284.84	7,245.94	49.34	49.02	90.33	737.18	50.14	1,685.02	1,586.97	98.05	17.185		
8,400.00	7,236.32	8,384.84	7,246.12	51.25	50.98	90.33	737.26	-49.85	1,685.61	1,583.63	101.97	16.530		
8,500.00	7,236.54	8,484.84	7,246.29	53.26	53.02	90.33	737.34	-149.85	1,686.19	1,580.13	106.06	15.899		
8,600.00	7,236.75	8,584.84	7,246.47	55.34	55.14	90.33	737.42	-249.85	1,686.78	1,576.49	110.29	15.294		
8,700.00	7,236.96	8,684.84	7,246.65	57.50	57.32	90.33	737.49	-349.85	1,687.36	1,572.72	114.65	14.718		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	8,784.83	7,246.82	59.71	59.56	90.33	737.57	-449.85	1,687.95	1,568.83	119.12	14.170		
8,900.00	7,237.39	8,884.83	7,247.00	61.98	61.85	90.33	737.65	-549.84	1,688.54	1,564.84	123.70	13.650		
9,000.00	7,237.60	8,984.83	7,247.18	64.29	64.19	90.33	737.73	-649.84	1,689.12	1,560.75	128.37	13.158		
9,100.00	7,237.81	9,084.83	7,247.36	66.65	66.57	90.32	737.80	-749.84	1,689.71	1,556.59	133.12	12.693		
9,200.00	7,238.03	9,184.83	7,247.53	69.05	68.98	90.32	737.88	-849.84	1,690.29	1,552.35	137.94	12.254		
9,300.00	7,238.24	9,284.82	7,247.71	71.48	71.43	90.32	737.96	-949.84	1,690.88	1,548.04	142.83	11.838		
9,400.00	7,238.45	9,384.82	7,247.89	73.95	73.91	90.32	738.04	-1,049.84	1,691.46	1,543.68	147.78	11.446		
9,500.00	7,238.67	9,484.82	7,248.06	76.44	76.41	90.32	738.11	-1,149.83	1,692.05	1,539.26	152.79	11.075		
9,600.00	7,238.88	9,584.82	7,248.24	78.96	78.94	90.32	738.19	-1,249.83	1,692.63	1,534.80	157.84	10.724		
9,700.00	7,239.09	9,684.82	7,248.42	81.50	81.49	90.32	738.27	-1,349.83	1,693.22	1,530.29	162.93	10.392		
9,800.00	7,239.30	9,784.82	7,248.60	84.06	84.06	90.32	738.35	-1,449.83	1,693.80	1,525.74	168.07	10.078		
9,900.00	7,239.52	9,884.81	7,248.77	86.64	86.65	90.31	738.42	-1,549.83	1,694.39	1,521.15	173.24	9.781		
10,000.00	7,239.73	9,984.81	7,248.95	89.23	89.26	90.31	738.50	-1,649.82	1,694.98	1,516.53	178.45	9.498		
10,100.00	7,239.94	10,084.81	7,249.13	91.85	91.88	90.31	738.58	-1,749.82	1,695.56	1,511.88	183.68	9.231		
10,200.00	7,240.16	10,184.81	7,249.30	94.47	94.51	90.31	738.66	-1,849.82	1,696.15	1,507.20	188.95	8.977		
10,300.00	7,240.37	10,284.81	7,249.48	97.11	97.16	90.31	738.73	-1,949.82	1,696.73	1,502.49	194.24	8.735		
10,400.00	7,240.58	10,384.81	7,249.66	99.76	99.82	90.31	738.81	-2,049.82	1,697.32	1,497.77	199.55	8.506		
10,500.00	7,240.80	10,484.80	7,249.84	102.43	102.49	90.31	738.89	-2,149.81	1,697.90	1,493.02	204.89	8.287		
10,600.00	7,241.01	10,584.80	7,250.01	105.10	105.17	90.30	738.96	-2,249.81	1,698.49	1,488.25	210.24	8.079		
10,700.00	7,241.22	10,684.80	7,250.19	107.79	107.86	90.30	739.04	-2,349.81	1,699.07	1,483.46	215.62	7.880		
10,800.00	7,241.43	10,784.80	7,250.37	110.48	110.55	90.30	739.12	-2,449.81	1,699.66	1,478.65	221.01	7.690		
10,900.00	7,241.65	10,884.80	7,250.54	113.18	113.26	90.30	739.20	-2,549.81	1,700.25	1,473.83	226.42	7.509		
11,000.00	7,241.86	10,984.80	7,250.72	115.89	115.97	90.30	739.27	-2,649.80	1,700.83	1,468.99	231.84	7.336		
11,100.00	7,242.07	11,084.79	7,250.90	118.60	118.69	90.30	739.35	-2,749.80	1,701.42	1,464.14	237.28	7.171		
11,200.00	7,242.29	11,184.79	7,251.08	121.32	121.42	90.30	739.43	-2,849.80	1,702.00	1,459.28	242.72	7.012		
11,300.00	7,242.50	11,284.79	7,251.25	124.05	124.15	90.30	739.51	-2,949.80	1,702.59	1,454.40	248.19	6.860		
11,400.00	7,242.71	11,384.79	7,251.43	126.78	126.89	90.29	739.58	-3,049.80	1,703.17	1,449.51	253.66	6.714		
11,500.00	7,242.93	11,484.79	7,251.61	129.52	129.63	90.29	739.66	-3,149.80	1,703.76	1,444.62	259.14	6.575		
11,600.00	7,243.14	11,584.79	7,251.78	132.27	132.38	90.29	739.74	-3,249.79	1,704.34	1,439.71	264.64	6.440		
11,700.00	7,243.35	11,684.78	7,251.96	135.02	135.14	90.29	739.82	-3,349.79	1,704.93	1,434.79	270.14	6.311		
11,800.00	7,243.57	11,784.78	7,252.14	137.77	137.89	90.29	739.89	-3,449.79	1,705.52	1,429.87	275.65	6.187		
11,900.00	7,243.78	11,884.78	7,252.32	140.53	140.65	90.29	739.97	-3,549.79	1,706.10	1,424.93	281.17	6.068		
12,000.00	7,243.99	11,984.78	7,252.49	143.29	143.42	90.29	740.05	-3,649.79	1,706.69	1,419.99	286.70	5.953		
12,100.00	7,244.20	12,084.78	7,252.67	146.05	146.19	90.28	740.13	-3,749.78	1,707.27	1,415.04	292.23	5.842		
12,200.00	7,244.42	12,184.78	7,252.85	148.82	148.96	90.28	740.20	-3,849.78	1,707.86	1,410.08	297.77	5.735		
12,300.00	7,244.63	12,284.77	7,253.02	151.60	151.74	90.28	740.28	-3,949.78	1,708.44	1,405.12	303.32	5.632		
12,400.00	7,244.84	12,384.77	7,253.20	154.37	154.52	90.28	740.36	-4,049.78	1,709.03	1,400.15	308.88	5.533		
12,500.00	7,245.06	12,484.77	7,253.38	157.15	157.30	90.28	740.44	-4,149.78	1,709.61	1,395.18	314.44	5.437		
12,600.00	7,245.27	12,584.77	7,253.56	159.93	160.08	90.28	740.51	-4,249.77	1,710.20	1,390.20	320.00	5.344		
12,700.00	7,245.48	12,684.77	7,253.73	162.71	162.87	90.28	740.59	-4,349.77	1,710.79	1,385.21	325.58	5.255		
12,800.00	7,245.70	12,784.76	7,253.91	165.50	165.66	90.28	740.67	-4,449.77	1,711.37	1,380.22	331.15	5.168		
12,900.00	7,245.91	12,884.76	7,254.09	168.29	168.45	90.27	740.75	-4,549.77	1,711.96	1,375.22	336.73	5.084		
13,000.00	7,246.12	12,984.76	7,254.26	171.08	171.25	90.27	740.82	-4,649.77	1,712.54	1,370.22	342.32	5.003		
13,100.00	7,246.33	13,084.76	7,254.44	173.87	174.04	90.27	740.90	-4,749.76	1,713.13	1,365.22	347.91	4.924		
13,200.00	7,246.55	13,184.76	7,254.62	176.67	176.84	90.27	740.98	-4,849.76	1,713.71	1,360.21	353.50	4.848		
13,300.00	7,246.76	13,284.76	7,254.80	179.47	179.64	90.27	741.06	-4,949.76	1,714.30	1,355.20	359.10	4.774		
13,400.00	7,246.97	13,384.75	7,254.97	182.27	182.44	90.27	741.13	-5,049.76	1,714.88	1,350.18	364.70	4.702		
13,500.00	7,247.19	13,484.75	7,255.15	185.07	185.25	90.27	741.21	-5,149.76	1,715.47	1,345.16	370.31	4.633		
13,600.00	7,247.40	13,584.75	7,255.33	187.87	188.05	90.27	741.29	-5,249.76	1,716.06	1,340.14	375.92	4.565		
13,700.00	7,247.61	13,684.75	7,255.50	190.68	190.86	90.26	741.37	-5,349.75	1,716.64	1,335.11	381.53	4.499		
13,800.00	7,247.83	13,784.75	7,255.68	193.48	193.67	90.26	741.44	-5,449.75	1,717.23	1,330.08	387.14	4.436		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.04	13,884.75	7,255.86	196.29	196.48	90.26	741.52	-5,549.75	1,717.81	1,325.05	392.76	4.374		
14,000.00	7,248.25	13,984.74	7,256.04	199.10	199.29	90.26	741.60	-5,649.75	1,718.40	1,320.01	398.38	4.313		
14,100.00	7,248.46	14,084.74	7,256.21	201.91	202.10	90.26	741.68	-5,749.75	1,718.98	1,314.98	404.01	4.255		
14,200.00	7,248.68	14,184.74	7,256.39	204.72	204.92	90.26	741.75	-5,849.74	1,719.57	1,309.93	409.63	4.198		
14,300.00	7,248.89	14,284.74	7,256.57	207.53	207.74	90.26	741.83	-5,949.74	1,720.15	1,304.89	415.26	4.142		
14,400.00	7,249.10	14,384.74	7,256.74	210.35	210.55	90.26	741.91	-6,049.74	1,720.74	1,299.85	420.89	4.088		
14,500.00	7,249.32	14,484.74	7,256.92	213.16	213.37	90.25	741.99	-6,149.74	1,721.33	1,294.80	426.53	4.036		
14,600.00	7,249.53	14,584.73	7,257.10	215.98	216.19	90.25	742.06	-6,249.74	1,721.91	1,289.75	432.16	3.984		
14,700.00	7,249.74	14,684.73	7,257.28	218.80	219.01	90.25	742.14	-6,349.73	1,722.50	1,284.69	437.80	3.934		
14,800.00	7,249.96	14,784.73	7,257.45	221.62	221.83	90.25	742.22	-6,449.73	1,723.08	1,279.64	443.44	3.886		
14,900.00	7,250.17	14,884.73	7,257.63	224.44	224.65	90.25	742.30	-6,549.73	1,723.67	1,274.58	449.08	3.838		
15,000.00	7,250.38	14,984.73	7,257.81	227.26	227.48	90.25	742.37	-6,649.73	1,724.25	1,269.53	454.73	3.792		
15,100.00	7,250.59	15,084.73	7,257.99	230.08	230.30	90.25	742.45	-6,749.73	1,724.84	1,264.47	460.37	3.747		
15,200.00	7,250.81	15,184.72	7,258.16	232.90	233.13	90.24	742.53	-6,849.72	1,725.42	1,259.40	466.02	3.702		
15,300.00	7,251.02	15,284.72	7,258.34	235.72	235.95	90.24	742.61	-6,949.72	1,726.01	1,254.34	471.67	3.659		
15,400.00	7,251.23	15,384.72	7,258.52	238.55	238.78	90.24	742.68	-7,049.72	1,726.60	1,249.27	477.32	3.617		
15,500.00	7,251.45	15,484.72	7,258.69	241.37	241.61	90.24	742.76	-7,149.72	1,727.18	1,244.21	482.97	3.576		
15,600.00	7,251.66	15,584.72	7,258.87	244.20	244.43	90.24	742.84	-7,249.72	1,727.77	1,239.14	488.63	3.536		
15,700.00	7,251.87	15,684.71	7,259.05	247.03	247.26	90.24	742.92	-7,349.72	1,728.35	1,234.07	494.28	3.497		
15,800.00	7,252.09	15,784.71	7,259.23	249.85	250.09	90.24	742.99	-7,449.71	1,728.94	1,229.00	499.94	3.458		
15,900.00	7,252.30	15,884.71	7,259.40	252.68	252.92	90.24	743.07	-7,549.71	1,729.52	1,223.92	505.60	3.421		
16,000.00	7,252.51	15,984.71	7,259.58	255.51	255.75	90.23	743.15	-7,649.71	1,730.11	1,218.85	511.26	3.384		
16,100.00	7,252.72	16,084.71	7,259.76	258.34	258.59	90.23	743.23	-7,749.71	1,730.69	1,213.77	516.92	3.348		
16,200.00	7,252.94	16,184.71	7,259.93	261.17	261.42	90.23	743.30	-7,849.71	1,731.28	1,208.70	522.58	3.313		
16,300.00	7,253.15	16,284.70	7,260.11	264.00	264.25	90.23	743.38	-7,949.70	1,731.87	1,203.62	528.25	3.279		
16,400.00	7,253.36	16,384.70	7,260.29	266.83	267.08	90.23	743.46	-8,049.70	1,732.45	1,198.54	533.91	3.245		
16,500.00	7,253.58	16,484.70	7,260.47	269.66	269.92	90.23	743.54	-8,149.70	1,733.04	1,193.46	539.58	3.212		
16,600.00	7,253.79	16,584.70	7,260.64	272.50	272.75	90.23	743.61	-8,249.70	1,733.62	1,188.38	545.24	3.180		
16,700.00	7,254.00	16,684.70	7,260.82	275.33	275.59	90.23	743.69	-8,349.70	1,734.21	1,183.30	550.91	3.148		
16,800.00	7,254.22	16,784.70	7,261.00	278.16	278.42	90.22	743.77	-8,449.69	1,734.79	1,178.21	556.58	3.117		
16,900.00	7,254.43	16,884.69	7,261.17	281.00	281.26	90.22	743.85	-8,549.69	1,735.38	1,173.13	562.25	3.086		
17,000.00	7,254.64	16,984.69	7,261.35	283.83	284.10	90.22	743.92	-8,649.69	1,735.96	1,168.04	567.92	3.057		
17,100.00	7,254.85	17,084.69	7,261.53	286.67	286.93	90.22	744.00	-8,749.69	1,736.55	1,162.96	573.59	3.027		
17,200.00	7,255.07	17,184.69	7,261.71	289.50	289.77	90.22	744.08	-8,849.69	1,737.14	1,157.87	579.27	2.999		
17,300.00	7,255.28	17,284.69	7,261.88	292.34	292.61	90.22	744.16	-8,949.68	1,737.72	1,152.78	584.94	2.971		
17,400.00	7,255.49	17,384.69	7,262.06	295.17	295.45	90.22	744.23	-9,049.68	1,738.31	1,147.69	590.61	2.943		
17,500.00	7,255.71	17,484.68	7,262.24	298.01	298.29	90.22	744.31	-9,149.68	1,738.89	1,142.60	596.29	2.916		
17,600.00	7,255.92	17,584.68	7,262.41	300.85	301.13	90.21	744.39	-9,249.68	1,739.48	1,137.51	601.97	2.890		
17,700.00	7,256.13	17,684.68	7,262.59	303.68	303.97	90.21	744.47	-9,349.68	1,740.06	1,132.42	607.64	2.864		
17,800.00	7,256.35	17,784.68	7,262.77	306.52	306.81	90.21	744.54	-9,449.68	1,740.65	1,127.33	613.32	2.838		
17,900.00	7,256.56	17,884.68	7,262.95	309.36	309.65	90.21	744.62	-9,549.67	1,741.23	1,122.23	619.00	2.813		
18,000.00	7,256.77	17,984.68	7,263.12	312.20	312.49	90.21	744.70	-9,649.67	1,741.82	1,117.14	624.68	2.788		
18,100.00	7,256.98	18,084.67	7,263.30	315.04	315.33	90.21	744.77	-9,749.67	1,742.41	1,112.05	630.36	2.764		
18,200.00	7,257.20	18,184.67	7,263.48	317.88	318.17	90.21	744.85	-9,849.67	1,742.99	1,106.95	636.04	2.740		
18,300.00	7,257.41	18,284.67	7,263.65	320.72	321.01	90.21	744.93	-9,949.67	1,743.58	1,101.86	641.72	2.717		
18,400.00	7,257.62	18,384.67	7,263.83	323.56	323.85	90.20	745.01	-10,049.66	1,744.16	1,096.76	647.40	2.694		
18,500.00	7,257.84	18,484.67	7,264.01	326.40	326.70	90.20	745.08	-10,149.66	1,744.75	1,091.66	653.09	2.672		
18,600.00	7,258.05	18,584.66	7,264.19	329.24	329.54	90.20	745.16	-10,249.66	1,745.33	1,086.56	658.77	2.649		
18,700.00	7,258.26	18,684.66	7,264.36	332.08	332.38	90.20	745.24	-10,349.66	1,745.92	1,081.47	664.45	2.628		
18,800.00	7,258.48	18,784.66	7,264.54	334.92	335.23	90.20	745.32	-10,449.66	1,746.50	1,076.37	670.14	2.606		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Falken 32C-9-L - OH - Plan #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Offset Wellbore Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)					
18,900.00	7,258.69	18,884.66	7,264.72	337.76	338.07	90.20	745.39	-10,549.65	1,747.09	1,071.27	675.82	2.585					
19,000.00	7,258.90	18,984.66	7,264.89	340.60	340.91	90.20	745.47	-10,649.65	1,747.68	1,066.17	681.51	2.564					
19,046.19	7,259.00	19,030.84	7,264.98	341.92	342.23	90.20	745.51	-10,695.84	1,747.95	1,063.81	684.13	2.555 SF					

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 32N-9B-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.61	104.92	1.11	104.93					
100.00	100.00	100.00	100.00	3.28	3.28	0.61	104.92	1.11	104.93	98.36	6.57	15.972		
200.00	200.00	200.00	200.00	3.34	3.34	0.61	104.92	1.11	104.93	98.25	6.67	15.721		
300.00	300.00	300.00	300.00	3.44	3.44	0.61	104.92	1.11	104.93	98.04	6.89	15.229 CC, ES		
400.00	399.98	398.85	398.83	3.60	3.60	-124.26	105.43	2.74	106.45	99.25	7.20	14.790		
500.00	499.84	497.56	497.41	3.79	3.80	-123.89	106.97	7.61	111.01	103.42	7.59	14.627		
600.00	599.45	596.00	595.48	4.03	4.03	-123.32	109.51	15.68	118.62	110.55	8.06	14.710		
700.00	698.70	694.03	692.79	4.30	4.30	-122.63	113.06	26.92	129.25	120.64	8.61	15.013		
800.00	797.47	791.52	789.12	4.61	4.60	-121.86	117.57	41.23	142.89	133.67	9.22	15.501		
900.00	895.62	888.35	884.23	4.95	4.93	-121.08	123.02	58.53	159.50	149.62	9.88	16.139		
1,000.00	993.06	985.75	979.37	5.33	5.29	-120.51	129.29	78.40	178.83	168.23	10.60	16.867		
1,100.00	1,090.08	1,083.67	1,074.97	5.74	5.67	-120.70	135.65	98.58	199.12	187.75	11.37	17.516		
1,200.00	1,187.11	1,181.59	1,170.58	6.17	6.07	-120.85	142.01	118.76	219.40	207.23	12.17	18.032		
1,300.00	1,284.14	1,279.51	1,266.19	6.61	6.48	-120.97	148.38	138.94	239.69	226.69	13.00	18.441		
1,400.00	1,381.17	1,377.43	1,361.79	7.07	6.91	-121.08	154.74	159.12	259.98	246.12	13.85	18.768		
1,500.00	1,478.20	1,475.35	1,457.40	7.55	7.34	-121.17	161.10	179.30	280.26	265.54	14.73	19.031		
1,600.00	1,575.23	1,573.27	1,553.00	8.03	7.79	-121.25	167.47	199.48	300.55	284.93	15.62	19.243		
1,700.00	1,672.26	1,671.19	1,648.61	8.52	8.24	-121.32	173.83	219.66	320.84	304.32	16.53	19.415		
1,800.00	1,769.29	1,769.10	1,744.21	9.01	8.70	-121.38	180.19	239.84	341.13	323.69	17.44	19.556		
1,900.00	1,866.32	1,867.02	1,839.82	9.51	9.16	-121.44	186.55	260.02	361.42	343.05	18.37	19.672		
2,000.00	1,963.35	1,964.94	1,935.43	10.02	9.62	-121.48	192.92	280.21	381.71	362.40	19.31	19.768		
2,100.00	2,060.38	2,062.86	2,031.03	10.53	10.09	-121.53	199.28	300.39	402.00	381.75	20.25	19.848		
2,200.00	2,157.41	2,160.78	2,126.64	11.04	10.56	-121.57	205.64	320.57	422.29	401.09	21.21	19.915		
2,300.00	2,254.44	2,258.70	2,222.24	11.56	11.04	-121.60	212.01	340.75	442.58	420.42	22.16	19.970		
2,400.00	2,351.47	2,356.62	2,317.85	12.07	11.51	-121.63	218.37	360.93	462.87	439.75	23.12	20.017		
2,500.00	2,448.50	2,454.54	2,413.45	12.59	11.99	-121.66	224.73	381.11	483.16	459.07	24.09	20.057		
2,600.00	2,545.53	2,552.46	2,509.06	13.12	12.47	-121.69	231.10	401.29	503.45	478.39	25.06	20.090		
2,700.00	2,642.56	2,650.38	2,604.67	13.64	12.96	-121.72	237.46	421.47	523.75	497.71	26.03	20.118		
2,800.00	2,739.59	2,748.30	2,700.27	14.17	13.44	-121.74	243.82	441.65	544.04	517.03	27.01	20.142		
2,900.00	2,836.62	2,846.22	2,795.88	14.69	13.93	-121.76	250.19	461.83	564.33	536.34	27.99	20.162		
3,000.00	2,933.65	2,944.14	2,891.48	15.22	14.41	-121.78	256.55	482.01	584.62	555.65	28.97	20.179		
3,100.00	3,030.68	3,042.06	2,987.09	15.75	14.90	-121.80	262.91	502.20	604.91	574.96	29.96	20.194		
3,200.00	3,127.71	3,139.98	3,082.69	16.28	15.39	-121.82	269.27	522.38	625.20	594.26	30.94	20.206		
3,300.00	3,224.74	3,237.90	3,178.30	16.82	15.88	-121.83	275.64	542.56	645.49	613.57	31.93	20.217		
3,400.00	3,321.76	3,335.82	3,273.91	17.35	16.37	-121.85	282.00	562.74	665.79	632.87	32.92	20.225		
3,500.00	3,418.79	3,433.74	3,369.51	17.88	16.86	-121.86	288.36	582.92	686.08	652.17	33.91	20.233		
3,600.00	3,515.82	3,531.66	3,465.12	18.42	17.35	-121.88	294.73	603.10	706.37	671.47	34.90	20.239		
3,700.00	3,612.85	3,629.57	3,560.72	18.95	17.84	-121.89	301.09	623.28	726.66	690.77	35.90	20.244		
3,800.00	3,709.88	3,727.49	3,656.33	19.49	18.34	-121.90	307.45	643.46	746.95	710.06	36.89	20.248		
3,900.00	3,806.91	3,825.41	3,751.94	20.02	18.83	-121.92	313.82	663.64	767.24	729.36	37.89	20.251		
4,000.00	3,903.94	3,923.33	3,847.54	20.56	19.32	-121.93	320.18	683.82	787.54	748.65	38.88	20.254		
4,100.00	4,000.97	4,021.25	3,943.15	21.09	19.82	-121.94	326.54	704.00	807.83	767.95	39.88	20.256		
4,200.00	4,098.00	4,119.17	4,038.75	21.63	20.31	-121.95	332.90	724.19	828.12	787.24	40.88	20.258		
4,300.00	4,195.03	4,217.09	4,134.36	22.17	20.81	-121.96	339.27	744.37	848.41	806.53	41.88	20.259		
4,400.00	4,292.06	4,315.01	4,229.96	22.71	21.30	-121.97	345.63	764.55	868.70	825.83	42.88	20.259		
4,500.00	4,389.09	4,412.93	4,325.57	23.25	21.80	-121.97	351.99	784.73	889.00	845.12	43.88	20.260		
4,600.00	4,486.12	4,510.85	4,421.18	23.78	22.29	-121.98	358.36	804.91	909.29	864.41	44.88	20.260		
4,700.00	4,583.15	4,608.77	4,516.78	24.32	22.79	-121.99	364.72	825.09	929.58	883.70	45.88	20.259		
4,800.00	4,680.18	4,706.69	4,612.39	24.86	23.29	-122.00	371.08	845.27	949.87	902.99	46.89	20.259		
4,900.00	4,777.21	4,804.61	4,707.99	25.40	23.78	-122.00	377.45	865.45	970.16	922.27	47.89	20.258		
5,000.00	4,874.24	4,902.53	4,803.60	25.94	24.28	-122.01	383.81	885.63	990.46	941.56	48.89	20.257		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 32N-9B-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	5,000.45	4,899.20	26.48	24.78	-122.02	390.17	905.81	1,010.75	960.85	49.90	20.256		
5,200.00	5,068.30	5,101.63	4,994.81	27.02	25.29	-122.02	396.53	925.99	1,031.04	980.12	50.92	20.249		
5,300.00	5,165.33	5,203.71	5,090.42	27.56	25.81	-122.03	402.90	946.18	1,051.33	999.39	51.95	20.239		
5,400.00	5,262.36	5,305.79	5,186.02	28.10	26.33	-122.04	409.26	966.36	1,071.62	1,018.65	52.97	20.230		
5,500.00	5,359.39	5,392.12	5,281.63	28.64	26.77	-122.04	415.62	986.54	1,091.92	1,038.00	53.92	20.251		
5,600.00	5,456.42	5,509.96	5,377.23	29.18	27.37	-122.05	421.99	1,006.72	1,112.21	1,057.18	55.03	20.212		
5,700.00	5,553.45	5,587.96	5,472.84	29.72	27.76	-122.05	428.35	1,026.90	1,132.50	1,076.57	55.93	20.248		
5,800.00	5,650.47	5,685.88	5,568.44	30.27	28.26	-122.06	434.71	1,047.08	1,152.79	1,095.85	56.94	20.246		
5,900.00	5,747.50	5,783.80	5,664.05	30.81	28.76	-122.06	441.08	1,067.26	1,173.09	1,115.14	57.95	20.244		
6,000.00	5,844.53	5,881.72	5,759.66	31.35	29.26	-122.07	447.44	1,087.44	1,193.38	1,134.42	58.95	20.243		
6,100.00	5,941.56	5,979.64	5,855.26	31.89	29.76	-122.07	453.80	1,107.62	1,213.67	1,153.71	59.96	20.241		
6,200.00	6,038.59	6,077.56	5,950.87	32.43	30.26	-122.08	460.16	1,127.80	1,233.96	1,172.99	60.97	20.239		
6,300.00	6,135.62	6,175.48	6,046.47	32.97	30.76	-122.08	466.53	1,147.99	1,254.25	1,192.28	61.98	20.237		
6,400.00	6,232.65	6,273.40	6,142.08	33.51	31.26	-122.09	472.89	1,168.17	1,274.55	1,211.56	62.99	20.235		
6,500.00	6,329.68	6,371.32	6,237.68	34.06	31.76	-122.09	479.25	1,188.35	1,294.84	1,230.84	64.00	20.233		
6,600.00	6,426.71	6,470.71	6,334.88	34.60	32.25	-122.13	485.72	1,208.06	1,315.11	1,250.10	65.01	20.230		
6,655.36	6,480.43	6,527.11	6,390.77	34.90	32.51	-122.36	489.44	1,214.45	1,326.24	1,260.70	65.54	20.234		
6,700.00	6,524.01	6,571.94	6,435.46	35.13	32.68	-135.66	492.41	1,215.98	1,335.27	1,269.34	65.93	20.252		
6,750.00	6,573.29	6,621.64	6,485.00	35.36	32.87	-159.40	495.70	1,213.99	1,345.52	1,279.20	66.32	20.289		
6,800.00	6,622.76	6,670.84	6,533.74	35.56	33.04	169.02	498.94	1,208.20	1,355.87	1,289.19	66.67	20.337		
6,850.00	6,672.13	6,719.58	6,581.44	35.73	33.22	142.40	502.11	1,198.78	1,366.23	1,299.23	67.01	20.390		
6,900.00	6,721.08	6,767.89	6,627.88	35.88	33.41	125.73	505.19	1,185.85	1,376.56	1,309.22	67.34	20.443		
6,950.00	6,769.31	6,815.82	6,672.85	36.03	33.60	115.46	508.18	1,169.57	1,386.78	1,319.10	67.68	20.490		
7,000.00	6,816.53	6,863.41	6,716.17	36.18	33.80	108.64	511.05	1,150.11	1,396.81	1,328.78	68.04	20.530		
7,050.00	6,862.44	6,910.68	6,757.64	36.34	34.02	103.74	513.80	1,127.61	1,406.61	1,338.20	68.42	20.560		
7,100.00	6,906.77	6,957.68	6,797.11	36.50	34.25	100.01	516.42	1,102.25	1,416.11	1,347.28	68.82	20.576		
7,150.00	6,949.23	7,004.42	6,834.41	36.68	34.50	97.03	518.89	1,074.20	1,425.24	1,355.97	69.26	20.577		
7,200.00	6,989.58	7,050.96	6,869.40	36.87	34.77	94.60	521.20	1,043.63	1,433.94	1,364.19	69.75	20.559		
7,250.00	7,027.55	7,097.30	6,901.94	37.09	35.07	92.55	523.35	1,010.72	1,442.16	1,371.88	70.28	20.521		
7,300.00	7,062.91	7,143.47	6,931.90	37.32	35.40	90.82	525.33	975.66	1,449.85	1,378.99	70.87	20.459		
7,350.00	7,095.45	7,189.49	6,959.17	37.59	35.75	89.33	527.13	938.64	1,456.96	1,385.45	71.51	20.373		
7,400.00	7,124.97	7,235.39	6,983.63	37.88	36.13	88.06	528.75	899.85	1,463.44	1,391.21	72.23	20.261		
7,450.00	7,151.28	7,281.17	7,005.19	38.21	36.55	86.98	530.17	859.50	1,469.26	1,396.24	73.01	20.123		
7,500.00	7,174.22	7,326.85	7,023.76	38.58	36.99	86.07	531.39	817.79	1,474.37	1,400.49	73.87	19.958		
7,550.00	7,193.65	7,372.44	7,039.27	38.98	37.47	85.31	532.40	774.94	1,478.74	1,403.94	74.81	19.768		
7,600.00	7,209.45	7,417.95	7,051.67	39.43	37.97	84.70	533.21	731.17	1,482.35	1,406.54	75.81	19.554		
7,650.00	7,221.52	7,463.39	7,060.90	39.91	38.51	84.23	533.81	686.69	1,485.17	1,408.30	76.88	19.319		
7,700.00	7,229.79	7,508.77	7,066.94	40.42	39.06	83.90	534.20	641.73	1,487.19	1,409.19	78.00	19.065		
7,750.00	7,234.21	7,554.08	7,069.77	40.97	39.63	83.69	534.37	596.51	1,488.39	1,409.21	79.18	18.798		
7,780.56	7,235.00	7,582.86	7,070.00	41.32	40.00	83.64	534.38	567.74	1,488.72	1,408.79	79.93	18.625		
7,800.00	7,235.04	7,602.30	7,070.00	41.54	40.26	83.64	534.37	548.30	1,488.81	1,408.38	80.43	18.510		
7,900.00	7,235.26	7,702.30	7,070.01	42.82	41.68	83.63	534.34	448.30	1,489.31	1,406.10	83.21	17.898		
8,000.00	7,235.47	7,802.30	7,070.02	44.25	43.24	83.62	534.30	348.30	1,489.80	1,403.53	86.27	17.269		
8,100.00	7,235.68	7,902.30	7,070.03	45.82	44.93	83.62	534.27	248.30	1,490.30	1,400.71	89.59	16.635		
8,200.00	7,235.90	8,002.29	7,070.04	47.52	46.74	83.61	534.23	148.31	1,490.79	1,397.65	93.14	16.006		
8,300.00	7,236.11	8,102.29	7,070.05	49.34	48.64	83.61	534.20	48.31	1,491.29	1,394.40	96.89	15.392		
8,400.00	7,236.32	8,202.29	7,070.05	51.25	50.64	83.60	534.17	-51.69	1,491.78	1,390.96	100.82	14.796		
8,500.00	7,236.54	8,302.29	7,070.06	53.26	52.71	83.60	534.13	-151.69	1,492.27	1,387.36	104.92	14.223		
8,600.00	7,236.75	8,402.29	7,070.07	55.34	54.86	83.59	534.10	-251.69	1,492.77	1,383.61	109.15	13.676		
8,700.00	7,236.96	8,502.29	7,070.08	57.50	57.07	83.58	534.07	-351.69	1,493.26	1,379.74	113.52	13.154		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 32N-9B-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,800.00	7,237.17	8,602.29	7,070.09	59.71	59.34	83.58	534.03	-451.69	1,493.76	1,375.76	118.00	12.659		
8,900.00	7,237.39	8,702.28	7,070.10	61.98	61.65	83.57	534.00	-551.69	1,494.25	1,371.68	122.57	12.191		
9,000.00	7,237.60	8,802.28	7,070.11	64.29	64.01	83.57	533.96	-651.68	1,494.75	1,367.51	127.24	11.747		
9,100.00	7,237.81	8,902.28	7,070.12	66.65	66.41	83.56	533.93	-751.68	1,495.24	1,363.25	131.99	11.329		
9,200.00	7,238.03	9,002.28	7,070.13	69.05	68.84	83.56	533.90	-851.68	1,495.73	1,358.93	136.80	10.933		
9,300.00	7,238.24	9,102.28	7,070.13	71.48	71.31	83.55	533.86	-951.68	1,496.23	1,354.54	141.69	10.560		
9,400.00	7,238.45	9,202.28	7,070.14	73.95	73.80	83.54	533.83	-1,051.68	1,496.72	1,350.10	146.63	10.208		
9,500.00	7,238.67	9,302.28	7,070.15	76.44	76.32	83.54	533.80	-1,151.68	1,497.22	1,345.60	151.62	9.875		
9,600.00	7,238.88	9,402.28	7,070.16	78.96	78.86	83.53	533.76	-1,251.68	1,497.71	1,341.05	156.66	9.560		
9,700.00	7,239.09	9,502.27	7,070.17	81.50	81.43	83.53	533.73	-1,351.67	1,498.21	1,336.46	161.74	9.263		
9,800.00	7,239.30	9,602.27	7,070.18	84.06	84.01	83.52	533.70	-1,451.67	1,498.70	1,331.84	166.87	8.982		
9,900.00	7,239.52	9,702.27	7,070.19	86.64	86.61	83.52	533.66	-1,551.67	1,499.20	1,327.17	172.02	8.715		
10,000.00	7,239.73	9,802.27	7,070.20	89.23	89.23	83.51	533.63	-1,651.67	1,499.69	1,322.48	177.21	8.463		
10,100.00	7,239.94	9,902.27	7,070.21	91.85	91.86	83.50	533.59	-1,751.67	1,500.19	1,317.76	182.43	8.223		
10,200.00	7,240.16	10,002.27	7,070.21	94.47	94.50	83.50	533.56	-1,851.67	1,500.68	1,313.00	187.68	7.996		
10,300.00	7,240.37	10,102.27	7,070.22	97.11	97.16	83.49	533.53	-1,951.67	1,501.18	1,308.23	192.95	7.780		
10,400.00	7,240.58	10,202.26	7,070.23	99.76	99.83	83.49	533.49	-2,051.66	1,501.67	1,303.43	198.24	7.575		
10,500.00	7,240.80	10,302.26	7,070.24	102.43	102.50	83.48	533.46	-2,151.66	1,502.16	1,298.61	203.55	7.380		
10,600.00	7,241.01	10,402.26	7,070.25	105.10	105.19	83.48	533.43	-2,251.66	1,502.66	1,293.77	208.89	7.194		
10,700.00	7,241.22	10,502.26	7,070.26	107.79	107.89	83.47	533.39	-2,351.66	1,503.15	1,288.91	214.24	7.016		
10,800.00	7,241.43	10,602.26	7,070.27	110.48	110.59	83.46	533.36	-2,451.66	1,503.65	1,284.04	219.61	6.847		
10,900.00	7,241.65	10,702.26	7,070.28	113.18	113.31	83.46	533.32	-2,551.66	1,504.14	1,279.15	224.99	6.685		
11,000.00	7,241.86	10,802.26	7,070.29	115.89	116.02	83.45	533.29	-2,651.66	1,504.64	1,274.25	230.39	6.531		
11,100.00	7,242.07	10,902.26	7,070.29	118.60	118.75	83.45	533.26	-2,751.66	1,505.13	1,269.33	235.80	6.383		
11,200.00	7,242.29	11,002.25	7,070.30	121.32	121.48	83.44	533.22	-2,851.65	1,505.63	1,264.40	241.23	6.242		
11,300.00	7,242.50	11,102.25	7,070.31	124.05	124.22	83.44	533.19	-2,951.65	1,506.12	1,259.46	246.66	6.106		
11,400.00	7,242.71	11,202.25	7,070.32	126.78	126.96	83.43	533.16	-3,051.65	1,506.62	1,254.51	252.11	5.976		
11,500.00	7,242.93	11,302.25	7,070.33	129.52	129.71	83.42	533.12	-3,151.65	1,507.11	1,249.54	257.57	5.851		
11,600.00	7,243.14	11,402.25	7,070.34	132.27	132.47	83.42	533.09	-3,251.65	1,507.61	1,244.57	263.03	5.732		
11,700.00	7,243.35	11,502.25	7,070.35	135.02	135.22	83.41	533.06	-3,351.65	1,508.10	1,239.59	268.51	5.617		
11,800.00	7,243.57	11,602.25	7,070.36	137.77	137.99	83.41	533.02	-3,451.65	1,508.60	1,234.60	273.99	5.506		
11,900.00	7,243.78	11,702.24	7,070.36	140.53	140.75	83.40	532.99	-3,551.64	1,509.09	1,229.61	279.48	5.400		
12,000.00	7,243.99	11,802.24	7,070.37	143.29	143.52	83.40	532.95	-3,651.64	1,509.59	1,224.60	284.98	5.297		
12,100.00	7,244.20	11,902.24	7,070.38	146.05	146.29	83.39	532.92	-3,751.64	1,510.08	1,219.59	290.49	5.198		
12,200.00	7,244.42	12,002.24	7,070.39	148.82	149.07	83.39	532.89	-3,851.64	1,510.58	1,214.57	296.00	5.103		
12,300.00	7,244.63	12,102.24	7,070.40	151.60	151.85	83.38	532.85	-3,951.64	1,511.07	1,209.55	301.52	5.011		
12,400.00	7,244.84	12,202.24	7,070.41	154.37	154.63	83.37	532.82	-4,051.64	1,511.57	1,204.52	307.05	4.923		
12,500.00	7,245.06	12,302.24	7,070.42	157.15	157.42	83.37	532.79	-4,151.64	1,512.06	1,199.48	312.58	4.837		
12,600.00	7,245.27	12,402.24	7,070.43	159.93	160.20	83.36	532.75	-4,251.64	1,512.56	1,194.44	318.11	4.755		
12,700.00	7,245.48	12,502.23	7,070.44	162.71	162.99	83.36	532.72	-4,351.63	1,513.05	1,189.40	323.65	4.675		
12,800.00	7,245.70	12,602.23	7,070.44	165.50	165.79	83.35	532.68	-4,451.63	1,513.55	1,184.35	329.20	4.598		
12,900.00	7,245.91	12,702.23	7,070.45	168.29	168.58	83.35	532.65	-4,551.63	1,514.04	1,179.29	334.75	4.523		
13,000.00	7,246.12	12,802.23	7,070.46	171.08	171.38	83.34	532.62	-4,651.63	1,514.54	1,174.23	340.30	4.451		
13,100.00	7,246.33	12,902.23	7,070.47	173.87	174.18	83.33	532.58	-4,751.63	1,515.03	1,169.17	345.86	4.380		
13,200.00	7,246.55	13,002.23	7,070.48	176.67	176.98	83.33	532.55	-4,851.63	1,515.53	1,164.10	351.42	4.313		
13,300.00	7,246.76	13,102.23	7,070.49	179.47	179.78	83.32	532.52	-4,951.63	1,516.02	1,159.03	356.99	4.247		
13,400.00	7,246.97	13,202.22	7,070.50	182.27	182.59	83.32	532.48	-5,051.62	1,516.52	1,153.96	362.56	4.183		
13,500.00	7,247.19	13,302.22	7,070.51	185.07	185.39	83.31	532.45	-5,151.62	1,517.01	1,148.88	368.13	4.121		
13,600.00	7,247.40	13,402.22	7,070.52	187.87	188.20	83.31	532.42	-5,251.62	1,517.51	1,143.80	373.71	4.061		
13,700.00	7,247.61	13,502.22	7,070.52	190.68	191.01	83.30	532.38	-5,351.62	1,518.00	1,138.72	379.29	4.002		
13,800.00	7,247.83	13,602.22	7,070.53	193.48	193.82	83.30	532.35	-5,451.62	1,518.50	1,133.63	384.87	3.946		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 32N-9B-L - OH - Plan #1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD+IFR1													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.04	13,702.22	7,070.54	196.29	196.63	83.29	532.31	-5,551.62	1,518.99	1,128.54	390.45	3.890		
14,000.00	7,248.25	13,802.22	7,070.55	199.10	199.45	83.28	532.28	-5,651.62	1,519.49	1,123.45	396.04	3.837		
14,100.00	7,248.46	13,902.22	7,070.56	201.91	202.26	83.28	532.25	-5,751.62	1,519.98	1,118.35	401.63	3.785		
14,200.00	7,248.68	14,002.21	7,070.57	204.72	205.08	83.27	532.21	-5,851.61	1,520.48	1,113.26	407.22	3.734		
14,300.00	7,248.89	14,102.21	7,070.58	207.53	207.89	83.27	532.18	-5,951.61	1,520.97	1,108.16	412.82	3.684		
14,400.00	7,249.10	14,202.21	7,070.59	210.35	210.71	83.26	532.15	-6,051.61	1,521.47	1,103.06	418.41	3.636		
14,500.00	7,249.32	14,302.21	7,070.60	213.16	213.53	83.26	532.11	-6,151.61	1,521.96	1,097.95	424.01	3.589		
14,600.00	7,249.53	14,402.21	7,070.60	215.98	216.35	83.25	532.08	-6,251.61	1,522.46	1,092.85	429.61	3.544		
14,700.00	7,249.74	14,502.21	7,070.61	218.80	219.17	83.25	532.04	-6,351.61	1,522.95	1,087.74	435.22	3.499		
14,800.00	7,249.96	14,602.21	7,070.62	221.62	222.00	83.24	532.01	-6,451.61	1,523.45	1,082.63	440.82	3.456		
14,900.00	7,250.17	14,702.20	7,070.63	224.44	224.82	83.23	531.98	-6,551.60	1,523.94	1,077.52	446.43	3.414		
15,000.00	7,250.38	14,802.20	7,070.64	227.26	227.65	83.23	531.94	-6,651.60	1,524.44	1,072.40	452.03	3.372		
15,100.00	7,250.59	14,902.20	7,070.65	230.08	230.47	83.22	531.91	-6,751.60	1,524.94	1,067.29	457.64	3.332		
15,200.00	7,250.81	15,002.20	7,070.66	232.90	233.30	83.22	531.88	-6,851.60	1,525.43	1,062.17	463.26	3.293		
15,300.00	7,251.02	15,102.20	7,070.67	235.72	236.12	83.21	531.84	-6,951.60	1,525.93	1,057.06	468.87	3.254		
15,400.00	7,251.23	15,202.20	7,070.68	238.55	238.95	83.21	531.81	-7,051.60	1,526.42	1,051.94	474.48	3.217		
15,500.00	7,251.45	15,302.20	7,070.68	241.37	241.78	83.20	531.78	-7,151.60	1,526.92	1,046.82	480.10	3.180		
15,600.00	7,251.66	15,402.20	7,070.69	244.20	244.61	83.20	531.74	-7,251.60	1,527.41	1,041.69	485.72	3.145		
15,700.00	7,251.87	15,502.19	7,070.70	247.03	247.44	83.19	531.71	-7,351.59	1,527.91	1,036.57	491.34	3.110		
15,800.00	7,252.09	15,602.19	7,070.71	249.85	250.27	83.19	531.67	-7,451.59	1,528.40	1,031.45	496.96	3.076		
15,900.00	7,252.30	15,702.19	7,070.72	252.68	253.10	83.18	531.64	-7,551.59	1,528.90	1,026.32	502.58	3.042		
16,000.00	7,252.51	15,802.19	7,070.73	255.51	255.93	83.17	531.61	-7,651.59	1,529.39	1,021.19	508.20	3.009		
16,100.00	7,252.72	15,902.19	7,070.74	258.34	258.77	83.17	531.57	-7,751.59	1,529.89	1,016.07	513.82	2.977		
16,200.00	7,252.94	16,002.19	7,070.75	261.17	261.60	83.16	531.54	-7,851.59	1,530.38	1,010.94	519.45	2.946		
16,300.00	7,253.15	16,102.19	7,070.76	264.00	264.43	83.16	531.51	-7,951.59	1,530.88	1,005.81	525.07	2.916		
16,400.00	7,253.36	16,202.18	7,070.76	266.83	267.27	83.15	531.47	-8,051.58	1,531.38	1,000.67	530.70	2.886		
16,500.00	7,253.58	16,302.18	7,070.77	269.66	270.10	83.15	531.44	-8,151.58	1,531.87	995.54	536.33	2.856		
16,600.00	7,253.79	16,402.18	7,070.78	272.50	272.94	83.14	531.40	-8,251.58	1,532.37	990.41	541.96	2.827		
16,700.00	7,254.00	16,502.18	7,070.79	275.33	275.78	83.14	531.37	-8,351.58	1,532.86	985.28	547.59	2.799		
16,800.00	7,254.22	16,602.18	7,070.80	278.16	278.61	83.13	531.34	-8,451.58	1,533.36	980.14	553.22	2.772		
16,900.00	7,254.43	16,702.18	7,070.81	281.00	281.45	83.13	531.30	-8,551.58	1,533.85	975.00	558.85	2.745		
17,000.00	7,254.64	16,802.18	7,070.82	283.83	284.29	83.12	531.27	-8,651.58	1,534.35	969.87	564.48	2.718		
17,100.00	7,254.85	16,902.18	7,070.83	286.67	287.12	83.11	531.24	-8,751.58	1,534.84	964.73	570.11	2.692		
17,200.00	7,255.07	17,002.17	7,070.84	289.50	289.96	83.11	531.20	-8,851.57	1,535.34	959.59	575.75	2.667		
17,300.00	7,255.28	17,102.17	7,070.84	292.34	292.80	83.10	531.17	-8,951.57	1,535.84	954.45	581.38	2.642		
17,400.00	7,255.49	17,202.17	7,070.85	295.17	295.64	83.10	531.13	-9,051.57	1,536.33	949.31	587.02	2.617		
17,500.00	7,255.71	17,302.17	7,070.86	298.01	298.48	83.09	531.10	-9,151.57	1,536.83	944.17	592.65	2.593		
17,600.00	7,255.92	17,402.17	7,070.87	300.85	301.32	83.09	531.07	-9,251.57	1,537.32	939.03	598.29	2.570		
17,700.00	7,256.13	17,502.17	7,070.88	303.68	304.16	83.08	531.03	-9,351.57	1,537.82	933.89	603.93	2.546		
17,800.00	7,256.35	17,602.17	7,070.89	306.52	307.00	83.08	531.00	-9,451.57	1,538.31	928.75	609.57	2.524		
17,900.00	7,256.56	17,702.16	7,070.90	309.36	309.84	83.07	530.97	-9,551.56	1,538.81	923.61	615.20	2.501		
18,000.00	7,256.77	17,802.16	7,070.91	312.20	312.68	83.07	530.93	-9,651.56	1,539.31	918.46	620.84	2.479		
18,100.00	7,256.98	17,902.16	7,070.92	315.04	315.52	83.06	530.90	-9,751.56	1,539.80	913.32	626.48	2.458		
18,200.00	7,257.20	18,002.16	7,070.92	317.88	318.37	83.05	530.87	-9,851.56	1,540.30	908.17	632.12	2.437		
18,300.00	7,257.41	18,102.16	7,070.93	320.72	321.21	83.05	530.83	-9,951.56	1,540.79	903.03	637.76	2.416		
18,400.00	7,257.62	18,202.16	7,070.94	323.56	324.05	83.04	530.80	-10,051.56	1,541.29	897.88	643.40	2.396		
18,500.00	7,257.84	18,302.16	7,070.95	326.40	326.89	83.04	530.76	-10,151.56	1,541.79	892.74	649.05	2.375		
18,600.00	7,258.05	18,402.16	7,070.96	329.24	329.74	83.03	530.73	-10,251.56	1,542.28	887.59	654.69	2.356		
18,700.00	7,258.26	18,502.15	7,070.97	332.08	332.58	83.03	530.70	-10,351.55	1,542.78	882.45	660.33	2.336		
18,800.00	7,258.48	18,602.15	7,070.98	334.92	335.42	83.02	530.66	-10,451.55	1,543.27	877.30	665.97	2.317		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 32N-9B-L - OH - Plan #1													<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1													<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,900.00	7,258.69	18,702.15	7,070.99	337.76	338.27	83.02	530.63	-10,551.55	1,543.77	872.15	671.62	2.299		
19,000.00	7,258.90	18,802.15	7,071.00	340.60	341.11	83.01	530.60	-10,651.55	1,544.26	867.00	677.26	2.280		
19,046.19	7,259.00	18,848.34	7,071.00	341.92	342.43	83.01	530.58	-10,697.74	1,544.49	864.62	679.87	2.272 SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 33C-9-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	0.53	29.87	0.28	29.87					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	29.87	0.28	29.87	23.31	6.57	4.548		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	29.87	0.28	29.87	23.20	6.67	4.476		
300.00	300.00	300.00	300.00	3.44	3.44	0.53	29.87	0.28	29.87	22.98	6.89	4.336 CC		
400.00	399.98	400.45	400.43	3.60	3.60	-124.19	29.10	1.86	30.11	22.91	7.20	4.183		
500.00	499.84	500.89	500.73	3.79	3.80	-123.38	26.79	6.61	30.82	23.23	7.59	4.061		
600.00	599.45	601.33	600.77	4.03	4.03	-122.11	22.93	14.51	32.00	23.94	8.06	3.969		
700.00	698.70	701.75	700.43	4.30	4.31	-120.48	17.54	25.56	33.69	25.08	8.61	3.912		
800.00	797.47	802.15	799.58	4.61	4.62	-118.61	10.63	39.73	35.89	26.66	9.23	3.889		
900.00	895.62	902.52	898.09	4.95	4.96	-116.62	2.20	57.02	38.62	28.70	9.91	3.896		
1,000.00	993.06	1,002.61	995.74	5.33	5.34	-115.52	-7.41	76.72	42.07	31.42	10.65	3.949		
1,100.00	1,090.08	1,102.52	1,093.18	5.74	5.74	-116.33	-17.11	96.60	46.23	34.78	11.45	4.039		
1,200.00	1,187.11	1,202.43	1,190.61	6.17	6.16	-117.01	-26.80	116.48	50.39	38.11	12.28	4.105		
1,300.00	1,284.14	1,302.34	1,288.04	6.61	6.60	-117.58	-36.50	136.36	54.56	41.42	13.13	4.154		
1,400.00	1,381.17	1,402.25	1,385.47	7.07	7.05	-118.07	-46.20	156.24	58.73	44.71	14.02	4.190		
1,500.00	1,478.20	1,502.17	1,482.91	7.55	7.51	-118.50	-55.89	176.12	62.90	47.98	14.92	4.216		
1,600.00	1,575.23	1,602.08	1,580.34	8.03	7.97	-118.87	-65.59	196.00	67.08	51.24	15.84	4.236		
1,700.00	1,672.26	1,701.99	1,677.77	8.52	8.45	-119.20	-75.28	215.88	71.26	54.49	16.77	4.249		
1,800.00	1,769.29	1,801.90	1,775.21	9.01	8.93	-119.49	-84.98	235.76	75.45	57.73	17.71	4.259		
1,900.00	1,866.32	1,901.81	1,872.64	9.51	9.41	-119.75	-94.68	255.64	79.63	60.96	18.67	4.266		
2,000.00	1,963.35	2,001.72	1,970.07	10.02	9.90	-119.99	-104.37	275.52	83.82	64.19	19.63	4.270		
2,100.00	2,060.38	2,101.64	2,067.50	10.53	10.40	-120.20	-114.07	295.40	88.01	67.41	20.60	4.272		
2,200.00	2,157.41	2,201.55	2,164.94	11.04	10.89	-120.39	-123.76	315.28	92.20	70.62	21.57	4.273		
2,300.00	2,254.44	2,301.46	2,262.37	11.56	11.39	-120.57	-133.46	335.16	96.39	73.83	22.56	4.273		
2,400.00	2,351.47	2,401.37	2,359.80	12.07	11.89	-120.73	-143.16	355.04	100.58	77.04	23.54	4.272		
2,500.00	2,448.50	2,501.28	2,457.23	12.59	12.40	-120.88	-152.85	374.92	104.77	80.24	24.53	4.271		
2,600.00	2,545.53	2,601.20	2,554.67	13.12	12.90	-121.02	-162.55	394.80	108.96	83.44	25.52	4.269		
2,700.00	2,642.56	2,701.11	2,652.10	13.64	13.41	-121.15	-172.24	414.68	113.15	86.63	26.52	4.267		
2,800.00	2,739.59	2,801.02	2,749.53	14.17	13.92	-121.26	-181.94	434.56	117.35	89.83	27.52	4.264		
2,900.00	2,836.62	2,900.93	2,846.97	14.69	14.43	-121.37	-191.64	454.44	121.54	93.02	28.52	4.261		
3,000.00	2,933.65	3,000.84	2,944.40	15.22	14.94	-121.48	-201.33	474.32	125.73	96.21	29.52	4.259		
3,100.00	3,030.68	3,100.75	3,041.83	15.75	15.45	-121.57	-211.03	494.20	129.93	99.40	30.53	4.256		
3,200.00	3,127.71	3,200.67	3,139.26	16.28	15.96	-121.66	-220.72	514.08	134.12	102.58	31.54	4.253		
3,300.00	3,224.74	3,300.58	3,236.70	16.82	16.48	-121.75	-230.42	533.96	138.32	105.77	32.55	4.250		
3,400.00	3,321.76	3,400.49	3,334.13	17.35	16.99	-121.83	-240.12	553.84	142.51	108.95	33.56	4.247		
3,500.00	3,418.79	3,500.40	3,431.56	17.88	17.51	-121.90	-249.81	573.72	146.71	112.14	34.57	4.244		
3,600.00	3,515.82	3,600.31	3,529.00	18.42	18.02	-121.97	-259.51	593.60	150.90	115.32	35.59	4.241		
3,700.00	3,612.85	3,700.23	3,626.43	18.95	18.54	-122.04	-269.20	613.48	155.10	118.50	36.60	4.238		
3,800.00	3,709.88	3,800.14	3,723.86	19.49	19.06	-122.11	-278.90	633.36	159.30	121.68	37.62	4.235		
3,900.00	3,806.91	3,900.05	3,821.29	20.02	19.57	-122.17	-288.60	653.24	163.49	124.86	38.63	4.232		
4,000.00	3,903.94	4,000.04	3,918.73	20.56	20.09	-122.22	-298.29	673.12	167.69	128.04	39.65	4.229		
4,100.00	4,000.97	4,100.13	4,016.16	21.09	20.61	-122.28	-307.99	693.00	171.89	131.21	40.67	4.226		
4,200.00	4,098.00	4,200.22	4,113.59	21.63	21.13	-122.33	-317.68	712.88	176.08	134.39	41.69	4.223		
4,300.00	4,195.03	4,299.70	4,211.02	22.17	21.65	-122.38	-327.38	732.76	180.28	137.57	42.71	4.221		
4,400.00	4,292.06	4,400.39	4,308.46	22.71	22.17	-122.43	-337.08	752.64	184.48	140.74	43.74	4.218		
4,500.00	4,389.09	4,500.48	4,405.89	23.25	22.69	-122.47	-346.77	772.51	188.68	143.92	44.76	4.215		
4,600.00	4,486.12	4,600.57	4,503.32	23.78	23.22	-122.51	-356.47	792.39	192.87	147.09	45.78	4.213		
4,700.00	4,583.15	4,700.66	4,600.76	24.32	23.74	-122.56	-366.16	812.27	197.07	150.26	46.81	4.210		
4,800.00	4,680.18	4,800.75	4,698.19	24.86	24.26	-122.60	-375.86	832.15	201.27	153.44	47.83	4.208		
4,900.00	4,777.21	4,900.83	4,795.62	25.40	24.78	-122.63	-385.56	852.03	205.47	156.61	48.85	4.206		
5,000.00	4,874.24	5,000.92	4,893.05	25.94	25.30	-122.67	-395.25	871.91	209.66	159.78	49.88	4.203		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 33C-9-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	5,101.01	4,990.49	26.48	25.83	-122.71	-404.95	891.79	213.86	162.96	50.91	4.201		
5,200.00	5,068.30	5,198.90	5,087.92	27.02	26.34	-122.74	-414.64	911.67	218.06	166.14	51.92	4.200		
5,300.00	5,165.33	5,298.81	5,185.35	27.56	26.86	-122.77	-424.34	931.55	222.26	169.31	52.95	4.198		
5,400.00	5,262.36	5,398.73	5,282.78	28.10	27.38	-122.80	-434.04	951.43	226.46	172.48	53.97	4.196		
5,500.00	5,359.39	5,498.64	5,380.22	28.64	27.90	-122.83	-443.73	971.31	230.65	175.66	55.00	4.194		
5,600.00	5,456.42	5,598.55	5,477.65	29.18	28.43	-122.86	-453.43	991.19	234.85	178.83	56.02	4.192		
5,700.00	5,553.45	5,701.54	5,575.08	29.72	28.97	-122.89	-463.12	1,011.07	239.05	181.98	57.07	4.189		
5,800.00	5,650.47	5,801.63	5,672.52	30.27	29.49	-122.92	-472.82	1,030.95	243.25	185.15	58.10	4.187		
5,900.00	5,747.50	5,901.72	5,769.95	30.81	30.01	-122.94	-482.52	1,050.83	247.45	188.32	59.12	4.185		
6,000.00	5,844.53	6,001.80	5,867.38	31.35	30.54	-122.97	-492.21	1,070.71	251.65	191.49	60.15	4.183		
6,100.00	5,941.56	6,101.89	5,964.81	31.89	31.06	-122.99	-501.91	1,090.59	255.84	194.66	61.18	4.182		
6,200.00	6,038.59	6,201.98	6,062.25	32.43	31.59	-123.02	-511.60	1,110.47	260.04	197.83	62.21	4.180		
6,300.00	6,135.62	6,302.07	6,159.68	32.97	32.11	-123.04	-521.30	1,130.35	264.24	201.00	63.24	4.178		
6,400.00	6,232.65	6,402.16	6,257.11	33.51	32.64	-123.06	-531.00	1,150.23	268.44	204.17	64.27	4.177		
6,500.00	6,329.68	6,502.25	6,354.55	34.06	33.16	-123.08	-540.69	1,170.11	272.64	207.34	65.30	4.175		
6,600.00	6,426.71	6,602.33	6,451.98	34.60	33.68	-123.10	-550.39	1,189.99	276.84	210.51	66.33	4.174		
6,655.36	6,480.43	6,653.41	6,506.47	34.90	33.95	-123.26	-555.81	1,200.39	279.14	212.28	66.86	4.175		
6,700.00	6,524.01	6,698.52	6,551.03	35.13	34.16	-136.06	-560.23	1,205.69	280.98	213.74	67.24	4.179		
6,750.00	6,573.29	6,748.86	6,601.07	35.36	34.36	-159.26	-565.17	1,207.85	283.11	215.50	67.61	4.187		
6,800.00	6,622.76	6,799.01	6,650.94	35.56	34.53	169.70	-570.09	1,206.05	285.31	217.37	67.94	4.200		
6,850.00	6,672.13	6,848.97	6,700.32	35.73	34.69	143.62	-574.94	1,200.33	287.56	219.32	68.24	4.214		
6,900.00	6,721.08	6,898.75	6,748.93	35.88	34.85	127.48	-579.69	1,190.79	289.84	221.30	68.55	4.228		
6,950.00	6,769.31	6,948.34	6,796.47	36.03	35.02	117.72	-584.33	1,177.52	292.15	223.28	68.86	4.242		
7,000.00	6,816.53	6,997.75	6,842.68	36.18	35.18	111.39	-588.82	1,160.63	294.45	225.26	69.20	4.255		
7,050.00	6,862.44	7,047.00	6,887.30	36.34	35.36	106.97	-593.14	1,140.27	296.75	227.20	69.55	4.266		
7,100.00	6,906.77	7,096.08	6,930.08	36.50	35.56	103.69	-597.27	1,116.60	299.02	229.08	69.94	4.275		
7,150.00	6,949.23	7,145.01	6,970.80	36.68	35.77	101.15	-601.18	1,089.77	301.25	230.89	70.36	4.281		
7,200.00	6,989.58	7,193.79	7,009.23	36.87	35.99	99.11	-604.85	1,059.98	303.42	232.59	70.83	4.284		
7,250.00	7,027.55	7,242.43	7,045.18	37.09	36.24	97.44	-608.26	1,027.42	305.52	234.17	71.35	4.282		
7,300.00	7,062.91	7,290.94	7,078.47	37.32	36.52	96.05	-611.40	992.29	307.52	235.61	71.92	4.276		
7,350.00	7,095.45	7,339.33	7,108.94	37.59	36.83	94.88	-614.26	954.81	309.43	236.87	72.56	4.265		
7,400.00	7,124.97	7,387.61	7,136.42	37.88	37.16	93.88	-616.81	915.22	311.22	237.95	73.26	4.248		
7,450.00	7,151.28	7,435.79	7,160.80	38.21	37.53	93.04	-619.04	873.73	312.88	238.82	74.05	4.225		
7,500.00	7,174.22	7,483.89	7,181.94	38.58	37.94	92.33	-620.95	830.59	314.40	239.47	74.92	4.196		
7,550.00	7,193.65	7,531.90	7,199.76	38.98	38.38	91.74	-622.53	786.04	315.76	239.89	75.87	4.162		
7,600.00	7,209.45	7,579.85	7,214.18	39.43	38.86	91.26	-623.76	740.34	316.97	240.06	76.91	4.122		
7,650.00	7,221.52	7,627.74	7,225.12	39.91	39.36	90.89	-624.65	693.73	318.00	239.99	78.01	4.076		
7,700.00	7,229.79	7,675.59	7,232.53	40.42	39.90	90.61	-625.19	646.47	318.86	239.67	79.19	4.026		
7,750.00	7,234.21	7,723.41	7,236.40	40.97	40.46	90.43	-625.38	598.83	319.54	239.12	80.43	3.973		
7,780.56	7,235.00	7,752.74	7,237.01	41.32	40.81	90.36	-625.32	569.50	319.86	238.66	81.20	3.939		
7,800.00	7,235.04	7,772.18	7,237.04	41.54	41.06	90.36	-625.24	550.07	320.04	238.34	81.70	3.917		
7,900.00	7,235.26	7,872.17	7,237.23	42.82	42.40	90.35	-624.85	450.07	320.93	236.47	84.47	3.800		
8,000.00	7,235.47	7,972.17	7,237.41	44.25	43.89	90.35	-624.46	350.08	321.83	234.33	87.51	3.678		
8,100.00	7,235.68	8,072.16	7,237.60	45.82	45.51	90.34	-624.07	250.08	322.73	231.93	90.81	3.554		
8,200.00	7,235.90	8,172.16	7,237.79	47.52	47.26	90.34	-623.68	150.09	323.63	229.29	94.34	3.431		
8,300.00	7,236.11	8,272.16	7,237.97	49.34	49.11	90.33	-623.29	50.09	324.53	226.45	98.08	3.309		
8,400.00	7,236.32	8,372.15	7,238.16	51.25	51.06	90.32	-622.90	-49.90	325.43	223.43	102.00	3.191		
8,500.00	7,236.54	8,472.15	7,238.35	53.26	53.09	90.32	-622.51	-149.90	326.33	220.24	106.08	3.076		
8,600.00	7,236.75	8,572.14	7,238.53	55.34	55.20	90.31	-622.12	-249.89	327.23	216.91	110.32	2.966		
8,700.00	7,236.96	8,672.14	7,238.72	57.50	57.38	90.31	-621.73	-349.89	328.12	213.45	114.68	2.861		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	8,772.14	7,238.90	59.71	59.61	90.30	-621.33	-449.88	329.02	209.87	119.15	2.761		
8,900.00	7,237.39	8,872.13	7,239.09	61.98	61.90	90.30	-620.94	-549.88	329.92	206.19	123.73	2.666		
9,000.00	7,237.60	8,972.13	7,239.28	64.29	64.23	90.29	-620.55	-649.87	330.82	202.42	128.40	2.577		
9,100.00	7,237.81	9,072.12	7,239.46	66.65	66.60	90.29	-620.16	-749.87	331.72	198.57	133.15	2.491		
9,200.00	7,238.03	9,172.12	7,239.65	69.05	69.02	90.28	-619.77	-849.86	332.62	194.64	137.97	2.411		
9,300.00	7,238.24	9,272.12	7,239.84	71.48	71.46	90.28	-619.38	-949.86	333.52	190.65	142.86	2.334		
9,400.00	7,238.45	9,372.11	7,240.02	73.95	73.94	90.27	-618.99	-1,049.85	334.42	186.60	147.82	2.262		
9,500.00	7,238.67	9,472.11	7,240.21	76.44	76.44	90.26	-618.60	-1,149.85	335.32	182.50	152.82	2.194		
9,600.00	7,238.88	9,572.10	7,240.39	78.96	78.97	90.26	-618.21	-1,249.84	336.21	178.34	157.87	2.130		
9,700.00	7,239.09	9,672.10	7,240.58	81.50	81.52	90.25	-617.82	-1,349.84	337.11	174.14	162.97	2.069		
9,800.00	7,239.30	9,772.10	7,240.77	84.06	84.09	90.25	-617.43	-1,449.83	338.01	169.91	168.11	2.011		
9,900.00	7,239.52	9,872.09	7,240.95	86.64	86.68	90.24	-617.04	-1,549.83	338.91	165.63	173.28	1.956		
10,000.00	7,239.73	9,972.09	7,241.14	89.23	89.28	90.24	-616.65	-1,649.82	339.81	161.32	178.49	1.904		
10,100.00	7,239.94	10,072.08	7,241.33	91.85	91.90	90.23	-616.26	-1,749.82	340.71	156.99	183.72	1.854		
10,200.00	7,240.16	10,172.08	7,241.51	94.47	94.54	90.23	-615.87	-1,849.81	341.61	152.62	188.99	1.808		
10,300.00	7,240.37	10,272.07	7,241.70	97.11	97.19	90.22	-615.47	-1,949.81	342.51	148.23	194.28	1.763		
10,400.00	7,240.58	10,372.07	7,241.88	99.76	99.85	90.22	-615.08	-2,049.80	343.40	143.81	199.59	1.721		
10,500.00	7,240.80	10,472.07	7,242.07	102.43	102.52	90.21	-614.69	-2,149.80	344.30	139.37	204.93	1.680		
10,600.00	7,241.01	10,572.06	7,242.26	105.10	105.20	90.21	-614.30	-2,249.79	345.20	134.92	210.28	1.642		
10,700.00	7,241.22	10,672.06	7,242.44	107.79	107.89	90.20	-613.91	-2,349.79	346.10	130.44	215.66	1.605		
10,800.00	7,241.43	10,772.05	7,242.63	110.48	110.59	90.20	-613.52	-2,449.78	347.00	125.95	221.05	1.570		
10,900.00	7,241.65	10,872.05	7,242.82	113.18	113.29	90.19	-613.13	-2,549.78	347.90	121.44	226.46	1.536		
11,000.00	7,241.86	10,972.05	7,243.00	115.89	116.01	90.19	-612.74	-2,649.77	348.80	116.91	231.88	1.504		
11,100.00	7,242.07	11,072.04	7,243.19	118.60	118.73	90.18	-612.35	-2,749.77	349.70	112.38	237.32	1.474 Level 3		
11,200.00	7,242.29	11,172.04	7,243.38	121.32	121.45	90.18	-611.96	-2,849.76	350.59	107.82	242.77	1.444 Level 3		
11,300.00	7,242.50	11,272.03	7,243.56	124.05	124.19	90.17	-611.57	-2,949.76	351.49	103.26	248.23	1.416 Level 3		
11,400.00	7,242.71	11,372.03	7,243.75	126.78	126.93	90.17	-611.18	-3,049.75	352.39	98.69	253.71	1.389 Level 3		
11,500.00	7,242.93	11,472.03	7,243.93	129.52	129.67	90.16	-610.79	-3,149.75	353.29	94.10	259.19	1.363 Level 3		
11,600.00	7,243.14	11,572.02	7,244.12	132.27	132.42	90.16	-610.40	-3,249.74	354.19	89.51	264.68	1.338 Level 3		
11,700.00	7,243.35	11,672.02	7,244.31	135.02	135.17	90.16	-610.01	-3,349.74	355.09	84.90	270.19	1.314 Level 3		
11,800.00	7,243.57	11,772.01	7,244.49	137.77	137.93	90.15	-609.61	-3,449.73	355.99	80.29	275.70	1.291 Level 3		
11,900.00	7,243.78	11,872.01	7,244.68	140.53	140.69	90.15	-609.22	-3,549.73	356.89	75.67	281.22	1.269 Level 3		
12,000.00	7,243.99	11,972.01	7,244.87	143.29	143.46	90.14	-608.83	-3,649.72	357.79	71.04	286.75	1.248 Level 2		
12,100.00	7,244.20	12,072.00	7,245.05	146.05	146.23	90.14	-608.44	-3,749.72	358.68	66.40	292.28	1.227 Level 2		
12,200.00	7,244.42	12,172.00	7,245.24	148.82	149.00	90.13	-608.05	-3,849.71	359.58	61.76	297.83	1.207 Level 2		
12,300.00	7,244.63	12,271.99	7,245.42	151.60	151.78	90.13	-607.66	-3,949.71	360.48	57.11	303.38	1.188 Level 2		
12,400.00	7,244.84	12,371.99	7,245.61	154.37	154.56	90.12	-607.27	-4,049.70	361.38	52.45	308.93	1.170 Level 2		
12,500.00	7,245.06	12,471.99	7,245.80	157.15	157.34	90.12	-606.88	-4,149.70	362.28	47.79	314.49	1.152 Level 2		
12,600.00	7,245.27	12,571.98	7,245.98	159.93	160.13	90.11	-606.49	-4,249.69	363.18	43.12	320.06	1.135 Level 2		
12,700.00	7,245.48	12,671.98	7,246.17	162.71	162.92	90.11	-606.10	-4,349.69	364.08	38.45	325.63	1.118 Level 2		
12,800.00	7,245.70	12,771.97	7,246.36	165.50	165.71	90.10	-605.71	-4,449.68	364.98	33.77	331.21	1.102 Level 2		
12,900.00	7,245.91	12,871.97	7,246.54	168.29	168.50	90.10	-605.32	-4,549.68	365.88	29.09	336.79	1.086 Level 2		
13,000.00	7,246.12	12,971.97	7,246.73	171.08	171.30	90.10	-604.93	-4,649.67	366.77	24.40	342.38	1.071 Level 2		
13,100.00	7,246.33	13,071.96	7,246.91	173.87	174.09	90.09	-604.54	-4,749.67	367.67	19.71	347.97	1.057 Level 2		
13,200.00	7,246.55	13,171.96	7,247.10	176.67	176.89	90.09	-604.15	-4,849.66	368.57	15.01	353.56	1.042 Level 2		
13,300.00	7,246.76	13,271.95	7,247.29	179.47	179.69	90.08	-603.75	-4,949.66	369.47	10.31	359.16	1.029 Level 2		
13,400.00	7,246.97	13,371.95	7,247.47	182.27	182.50	90.08	-603.36	-5,049.65	370.37	5.61	364.76	1.015 Level 2		
13,500.00	7,247.19	13,471.95	7,247.66	185.07	185.30	90.07	-602.97	-5,149.65	371.27	0.90	370.37	1.002 Level 2		
13,600.00	7,247.40	13,571.94	7,247.85	187.87	188.11	90.07	-602.58	-5,249.64	372.17	-3.81	375.98	0.990 Level 1		
13,700.00	7,247.61	13,671.94	7,248.03	190.68	190.92	90.07	-602.19	-5,349.64	373.07	-8.52	381.59	0.978 Level 1		
13,800.00	7,247.83	13,771.93	7,248.22	193.48	193.73	90.06	-601.80	-5,449.63	373.97	-13.24	387.21	0.966 Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 33C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.04	13,871.93	7,248.41	196.29	196.54	90.06	-601.41	-5,549.63	374.86	-17.96	392.83	0.954	Level 1	
14,000.00	7,248.25	13,971.93	7,248.59	199.10	199.35	90.05	-601.02	-5,649.62	375.76	-22.68	398.45	0.943	Level 1	
14,100.00	7,248.46	14,071.92	7,248.78	201.91	202.16	90.05	-600.63	-5,749.62	376.66	-27.41	404.07	0.932	Level 1	
14,200.00	7,248.68	14,171.92	7,248.96	204.72	204.98	90.04	-600.24	-5,849.61	377.56	-32.14	409.70	0.922	Level 1	
14,300.00	7,248.89	14,271.91	7,249.15	207.53	207.80	90.04	-599.85	-5,949.61	378.46	-36.87	415.33	0.911	Level 1	
14,400.00	7,249.10	14,371.91	7,249.34	210.35	210.61	90.04	-599.46	-6,049.60	379.36	-41.60	420.96	0.901	Level 1	
14,500.00	7,249.32	14,471.91	7,249.52	213.16	213.43	90.03	-599.07	-6,149.60	380.26	-46.34	426.60	0.891	Level 1	
14,600.00	7,249.53	14,571.90	7,249.71	215.98	216.25	90.03	-598.68	-6,249.59	381.16	-51.08	432.23	0.882	Level 1	
14,700.00	7,249.74	14,671.90	7,249.90	218.80	219.07	90.02	-598.29	-6,349.59	382.06	-55.81	437.87	0.873	Level 1	
14,800.00	7,249.96	14,771.89	7,250.08	221.62	221.90	90.02	-597.89	-6,449.58	382.95	-60.56	443.51	0.863	Level 1	
14,900.00	7,250.17	14,871.89	7,250.27	224.44	224.72	90.02	-597.50	-6,549.58	383.85	-65.30	449.15	0.855	Level 1	
15,000.00	7,250.38	14,971.88	7,250.45	227.26	227.54	90.01	-597.11	-6,649.57	384.75	-70.05	454.80	0.846	Level 1	
15,100.00	7,250.59	15,071.88	7,250.64	230.08	230.37	90.01	-596.72	-6,749.57	385.65	-74.79	460.45	0.838	Level 1	
15,200.00	7,250.81	15,171.88	7,250.83	232.90	233.20	90.00	-596.33	-6,849.56	386.55	-79.54	466.09	0.829	Level 1	
15,300.00	7,251.02	15,271.87	7,251.01	235.72	236.02	90.00	-595.94	-6,949.56	387.45	-84.29	471.74	0.821	Level 1	
15,400.00	7,251.23	15,371.87	7,251.20	238.55	238.85	90.00	-595.55	-7,049.55	388.35	-89.05	477.40	0.813	Level 1	
15,500.00	7,251.45	15,471.86	7,251.39	241.37	241.68	89.99	-595.16	-7,149.55	389.25	-93.80	483.05	0.806	Level 1	
15,600.00	7,251.66	15,571.86	7,251.57	244.20	244.51	89.99	-594.77	-7,249.54	390.15	-98.56	488.70	0.798	Level 1	
15,700.00	7,251.87	15,671.86	7,251.76	247.03	247.34	89.98	-594.38	-7,349.54	391.04	-103.31	494.36	0.791	Level 1	
15,800.00	7,252.09	15,771.85	7,251.94	249.85	250.17	89.98	-593.99	-7,449.53	391.94	-108.07	500.02	0.784	Level 1	
15,900.00	7,252.30	15,871.85	7,252.13	252.68	253.00	89.98	-593.60	-7,549.53	392.84	-112.83	505.68	0.777	Level 1	
16,000.00	7,252.51	15,971.84	7,252.32	255.51	255.83	89.97	-593.21	-7,649.52	393.74	-117.59	511.34	0.770	Level 1	
16,100.00	7,252.72	16,071.84	7,252.50	258.34	258.66	89.97	-592.82	-7,749.52	394.64	-122.36	517.00	0.763	Level 1	
16,200.00	7,252.94	16,171.84	7,252.69	261.17	261.50	89.97	-592.43	-7,849.51	395.54	-127.12	522.66	0.757	Level 1	
16,300.00	7,253.15	16,271.83	7,252.88	264.00	264.33	89.96	-592.03	-7,949.51	396.44	-131.89	528.33	0.750	Level 1	
16,400.00	7,253.36	16,371.83	7,253.06	266.83	267.17	89.96	-591.64	-8,049.50	397.34	-136.65	533.99	0.744	Level 1	
16,500.00	7,253.58	16,471.82	7,253.25	269.66	270.00	89.95	-591.25	-8,149.50	398.24	-141.42	539.66	0.738	Level 1	
16,600.00	7,253.79	16,571.82	7,253.43	272.50	272.84	89.95	-590.86	-8,249.49	399.14	-146.19	545.32	0.732	Level 1	
16,700.00	7,254.00	16,671.82	7,253.62	275.33	275.67	89.95	-590.47	-8,349.49	400.03	-150.96	550.99	0.726	Level 1	
16,800.00	7,254.22	16,771.81	7,253.81	278.16	278.51	89.94	-590.08	-8,449.48	400.93	-155.73	556.66	0.720	Level 1	
16,900.00	7,254.43	16,871.81	7,253.99	281.00	281.35	89.94	-589.69	-8,549.48	401.83	-160.50	562.33	0.715	Level 1	
17,000.00	7,254.64	16,971.80	7,254.18	283.83	284.18	89.94	-589.30	-8,649.47	402.73	-165.27	568.01	0.709	Level 1	
17,100.00	7,254.85	17,071.80	7,254.37	286.67	287.02	89.93	-588.91	-8,749.47	403.63	-170.05	573.68	0.704	Level 1	
17,200.00	7,255.07	17,171.80	7,254.55	289.50	289.86	89.93	-588.52	-8,849.46	404.53	-174.82	579.35	0.698	Level 1	
17,300.00	7,255.28	17,271.79	7,254.74	292.34	292.70	89.92	-588.13	-8,949.46	405.43	-179.60	585.03	0.693	Level 1	
17,400.00	7,255.49	17,371.79	7,254.93	295.17	295.54	89.92	-587.74	-9,049.45	406.33	-184.37	590.70	0.688	Level 1	
17,500.00	7,255.71	17,471.78	7,255.11	298.01	298.38	89.92	-587.35	-9,149.45	407.23	-189.15	596.38	0.683	Level 1	
17,600.00	7,255.92	17,571.78	7,255.30	300.85	301.22	89.91	-586.96	-9,249.44	408.12	-193.93	602.05	0.678	Level 1	
17,700.00	7,256.13	17,671.78	7,255.48	303.68	304.06	89.91	-586.57	-9,349.44	409.02	-198.71	607.73	0.673	Level 1	
17,800.00	7,256.35	17,771.77	7,255.67	306.52	306.90	89.91	-586.18	-9,449.43	409.92	-203.49	613.41	0.668	Level 1	
17,900.00	7,256.56	17,871.77	7,255.86	309.36	309.74	89.90	-585.78	-9,549.43	410.82	-208.27	619.09	0.664	Level 1	
18,000.00	7,256.77	17,971.76	7,256.04	312.20	312.58	89.90	-585.39	-9,649.42	411.72	-213.05	624.77	0.659	Level 1	
18,100.00	7,256.98	18,071.76	7,256.23	315.04	315.43	89.90	-585.00	-9,749.42	412.62	-217.83	630.45	0.654	Level 1	
18,200.00	7,257.20	18,171.76	7,256.42	317.88	318.27	89.89	-584.61	-9,849.41	413.52	-222.61	636.13	0.650	Level 1	
18,300.00	7,257.41	18,271.75	7,256.60	320.72	321.11	89.89	-584.22	-9,949.41	414.42	-227.40	641.81	0.646	Level 1	
18,400.00	7,257.62	18,371.75	7,256.79	323.56	323.95	89.89	-583.83	-10,049.40	415.32	-232.18	647.50	0.641	Level 1	
18,500.00	7,257.84	18,471.74	7,256.97	326.40	326.80	89.88	-583.44	-10,149.40	416.22	-236.96	653.18	0.637	Level 1	
18,600.00	7,258.05	18,571.74	7,257.16	329.24	329.64	89.88	-583.05	-10,249.40	417.11	-241.75	658.86	0.633	Level 1	
18,700.00	7,258.26	18,671.74	7,257.35	332.08	332.48	89.88	-582.66	-10,349.39	418.01	-246.54	664.55	0.629	Level 1	
18,800.00	7,258.48	18,771.73	7,257.53	334.92	335.33	89.87	-582.27	-10,449.39	418.91	-251.32	670.23	0.625	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Falken 9-11 PAD - Falken 33C-9-L - OH - Plan #1		Offset Site Error:		0.00 ft	
Survey Program: 0-MWD+IFR1														Offset Well Error:		3.28 ft	
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Offset Wellbore Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)						
18,900.00	7,258.69	18,871.73	7,257.72	337.76	338.17	89.87	-581.88	-10,549.38	419.81	-256.11	675.92	0.621	Level 1				
19,000.00	7,258.90	18,971.72	7,257.91	340.60	341.02	89.87	-581.49	-10,649.38	420.71	-260.90	681.61	0.617	Level 1				
19,046.19	7,259.00	19,017.91	7,257.99	341.92	342.33	89.86	-581.31	-10,695.56	421.13	-263.11	684.23	0.615	Level 1, ES, SF				

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 33N-9A-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.71	44.81	0.56	44.82					
100.00	100.00	100.00	100.00	3.28	3.28	0.71	44.81	0.56	44.82	38.25	6.57	6.822		
200.00	200.00	200.00	200.00	3.34	3.34	0.71	44.81	0.56	44.82	38.14	6.67	6.715		
300.00	300.00	300.21	300.19	3.44	3.44	2.94	44.51	2.28	44.57	37.68	6.89	6.471		
325.18	325.18	325.42	325.38	3.48	3.48	-120.92	44.34	3.26	44.51	37.56	6.96	6.399 CC, ES		
400.00	399.98	400.27	400.11	3.60	3.60	-117.31	43.60	7.45	45.00	37.81	7.19	6.256		
500.00	499.84	500.16	499.61	3.79	3.80	-112.32	42.09	16.03	47.23	39.64	7.59	6.223		
600.00	599.45	599.85	598.55	4.03	4.05	-107.63	39.98	27.99	51.27	43.20	8.07	6.353		
700.00	698.70	699.31	696.78	4.30	4.33	-103.60	37.28	43.30	57.10	48.46	8.63	6.613		
800.00	797.47	808.53	794.13	4.61	4.69	-100.34	34.00	61.89	64.62	55.32	9.31	6.945		
900.00	895.62	901.92	891.53	4.95	5.03	-98.98	30.38	82.40	73.35	63.36	9.99	7.346		
1,000.00	993.06	1,002.38	988.87	5.33	5.42	-100.27	26.77	102.90	82.65	71.91	10.74	7.692		
1,100.00	1,090.08	1,102.91	1,086.14	5.74	5.82	-102.51	23.16	123.38	92.36	80.81	11.55	7.995		
1,200.00	1,187.11	1,203.44	1,183.41	6.17	6.25	-104.32	19.54	143.87	102.19	89.79	12.40	8.243		
1,300.00	1,284.14	1,303.98	1,280.68	6.61	6.69	-105.81	15.93	164.35	112.09	98.82	13.27	8.447		
1,400.00	1,381.17	1,404.51	1,377.95	7.07	7.14	-107.06	12.32	184.84	122.06	107.90	14.17	8.616		
1,500.00	1,478.20	1,505.04	1,475.22	7.55	7.60	-108.12	8.71	205.32	132.08	117.00	15.08	8.758		
1,600.00	1,575.23	1,605.57	1,572.49	8.03	8.06	-109.03	5.10	225.80	142.14	126.13	16.01	8.877		
1,700.00	1,672.26	1,706.10	1,669.76	8.52	8.53	-109.82	1.48	246.29	152.23	135.27	16.96	8.978		
1,800.00	1,769.29	1,806.63	1,767.03	9.01	9.01	-110.51	-2.13	266.77	162.34	144.43	17.91	9.064		
1,900.00	1,866.32	1,907.16	1,864.30	9.51	9.49	-111.12	-5.74	287.25	172.48	153.60	18.87	9.138		
2,000.00	1,963.35	2,007.69	1,961.57	10.02	9.97	-111.67	-9.35	307.74	182.63	162.79	19.85	9.203		
2,100.00	2,060.38	2,108.22	2,058.84	10.53	10.46	-112.15	-12.96	328.22	192.80	171.97	20.82	9.259		
2,200.00	2,157.41	2,208.75	2,156.12	11.04	10.95	-112.59	-16.57	348.71	202.98	181.17	21.81	9.308		
2,300.00	2,254.44	2,290.72	2,253.39	11.56	11.35	-112.98	-20.19	369.19	213.17	190.46	22.70	9.389		
2,400.00	2,351.47	2,409.81	2,350.66	12.07	11.94	-113.34	-23.80	389.67	223.36	199.57	23.79	9.389		
2,500.00	2,448.50	2,489.66	2,447.93	12.59	12.34	-113.67	-27.41	410.16	233.57	208.89	24.68	9.463		
2,600.00	2,545.53	2,589.13	2,545.20	13.12	12.83	-113.97	-31.02	430.64	243.78	218.11	25.68	9.494		
2,700.00	2,642.56	2,688.59	2,642.47	13.64	13.32	-114.25	-34.63	451.12	254.00	227.33	26.68	9.522		
2,800.00	2,739.59	2,788.06	2,739.74	14.17	13.82	-114.50	-38.25	471.61	264.23	236.55	27.68	9.547		
2,900.00	2,836.62	2,887.53	2,837.01	14.69	14.32	-114.74	-41.86	492.09	274.46	245.78	28.68	9.570		
3,000.00	2,933.65	2,987.00	2,934.28	15.22	14.82	-114.96	-45.47	512.57	284.69	255.01	29.68	9.591		
3,100.00	3,030.68	3,086.47	3,031.55	15.75	15.31	-115.16	-49.08	533.06	294.93	264.24	30.69	9.610		
3,200.00	3,127.71	3,185.94	3,128.82	16.28	15.81	-115.35	-52.69	553.54	305.17	273.47	31.70	9.627		
3,300.00	3,224.74	3,285.41	3,226.09	16.82	16.32	-115.53	-56.30	574.03	315.41	282.70	32.71	9.643		
3,400.00	3,321.76	3,384.88	3,323.36	17.35	16.82	-115.69	-59.92	594.51	325.66	291.94	33.72	9.658		
3,500.00	3,418.79	3,484.35	3,420.63	17.88	17.32	-115.85	-63.53	614.99	335.91	301.18	34.73	9.672		
3,600.00	3,515.82	3,583.82	3,517.90	18.42	17.82	-116.00	-67.14	635.48	346.16	310.42	35.75	9.684		
3,700.00	3,612.85	3,683.29	3,615.17	18.95	18.33	-116.14	-70.75	655.96	356.41	319.65	36.76	9.696		
3,800.00	3,709.88	3,782.76	3,712.44	19.49	18.83	-116.27	-74.36	676.44	366.67	328.89	37.78	9.706		
3,900.00	3,806.91	3,882.23	3,809.71	20.02	19.33	-116.39	-77.98	696.93	376.93	338.13	38.79	9.716		
4,000.00	3,903.94	3,981.70	3,906.98	20.56	19.84	-116.51	-81.59	717.41	387.19	347.38	39.81	9.726		
4,100.00	4,000.97	4,081.17	4,004.25	21.09	20.34	-116.62	-85.20	737.90	397.45	356.62	40.83	9.734		
4,200.00	4,098.00	4,180.63	4,101.52	21.63	20.85	-116.72	-88.81	758.38	407.71	365.86	41.85	9.742		
4,300.00	4,195.03	4,280.10	4,198.79	22.17	21.36	-116.82	-92.42	778.86	417.97	375.11	42.87	9.750		
4,400.00	4,292.06	4,379.57	4,296.06	22.71	21.86	-116.92	-96.03	799.35	428.24	384.35	43.89	9.757		
4,500.00	4,389.09	4,479.04	4,393.33	23.25	22.37	-117.01	-99.65	819.83	438.50	393.59	44.91	9.764		
4,600.00	4,486.12	4,578.51	4,490.60	23.78	22.88	-117.10	-103.26	840.31	448.77	402.84	45.93	9.770		
4,700.00	4,583.15	4,677.98	4,587.87	24.32	23.38	-117.18	-106.87	860.80	459.04	412.08	46.95	9.776		
4,800.00	4,680.18	4,777.45	4,685.14	24.86	23.89	-117.26	-110.48	881.28	469.31	421.33	47.98	9.782		
4,900.00	4,777.21	4,876.92	4,782.41	25.40	24.40	-117.34	-114.09	901.76	479.58	430.58	49.00	9.787		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,874.24	4,976.39	4,879.68	25.94	24.91	-117.41	-117.71	922.25	489.85	439.82	50.02	9.792		
5,100.00	4,971.27	5,075.86	4,976.95	26.48	25.41	-117.48	-121.32	942.73	500.12	449.07	51.05	9.797		
5,200.00	5,068.30	5,175.33	5,074.23	27.02	25.92	-117.55	-124.93	963.22	510.39	458.32	52.07	9.802		
5,300.00	5,165.33	5,274.80	5,171.50	27.56	26.43	-117.61	-128.54	983.70	520.66	467.57	53.10	9.806		
5,400.00	5,262.36	5,374.27	5,268.77	28.10	26.94	-117.67	-132.15	1,004.18	530.94	476.81	54.12	9.810		
5,500.00	5,359.39	5,473.74	5,366.04	28.64	27.45	-117.73	-135.76	1,024.67	541.21	486.06	55.15	9.814		
5,600.00	5,456.42	5,573.20	5,463.31	29.18	27.96	-117.79	-139.38	1,045.15	551.49	495.31	56.17	9.818		
5,700.00	5,553.45	5,672.67	5,560.58	29.72	28.47	-117.84	-142.99	1,065.63	561.76	504.56	57.20	9.821		
5,800.00	5,650.47	5,772.14	5,657.85	30.27	28.97	-117.90	-146.60	1,086.12	572.04	513.81	58.23	9.824		
5,900.00	5,747.50	5,871.61	5,755.12	30.81	29.48	-117.95	-150.21	1,106.60	582.31	523.06	59.25	9.828		
6,000.00	5,844.53	5,971.08	5,852.39	31.35	29.99	-118.00	-153.82	1,127.09	592.59	532.31	60.28	9.831		
6,100.00	5,941.56	6,070.55	5,949.66	31.89	30.50	-118.05	-157.44	1,147.57	602.86	541.56	61.31	9.834		
6,200.00	6,038.59	6,170.02	6,046.93	32.43	31.01	-118.09	-161.05	1,168.05	613.14	550.81	62.33	9.837		
6,300.00	6,135.62	6,269.49	6,144.20	32.97	31.52	-118.14	-164.66	1,188.54	623.42	560.06	63.36	9.839		
6,400.00	6,232.65	6,377.64	6,250.76	33.51	32.04	-118.62	-168.63	1,206.00	633.21	568.81	64.40	9.833		
6,500.00	6,329.68	6,485.15	6,358.07	34.06	32.43	-120.64	-172.70	1,205.92	641.59	576.40	65.19	9.841		
6,600.00	6,426.71	6,583.04	6,454.51	34.60	32.77	-123.76	-176.41	1,190.14	650.14	584.34	65.80	9.880		
6,655.36	6,480.43	6,632.02	6,501.57	34.90	32.95	-125.75	-178.25	1,176.73	655.79	589.72	66.06	9.927		
6,700.00	6,524.01	6,669.42	6,536.73	35.13	33.09	-140.02	-179.63	1,164.07	661.15	594.92	66.23	9.982		
6,750.00	6,573.29	6,710.22	6,574.16	35.36	33.25	-164.82	-181.10	1,147.93	667.97	601.61	66.37	10.065		
6,800.00	6,622.76	6,749.99	6,609.59	35.56	33.43	162.59	-182.51	1,129.92	675.55	609.10	66.45	10.166		
6,850.00	6,672.13	6,788.87	6,643.07	35.73	33.61	135.02	-183.85	1,110.21	683.73	617.24	66.49	10.284		
6,900.00	6,721.08	6,826.96	6,674.64	35.88	33.80	117.44	-185.13	1,088.96	692.39	625.90	66.49	10.413		
6,950.00	6,769.31	6,864.36	6,704.35	36.03	34.00	106.32	-186.34	1,066.28	701.37	634.91	66.47	10.552		
7,000.00	6,816.53	6,901.15	6,732.23	36.18	34.20	98.70	-187.48	1,042.31	710.56	644.14	66.42	10.698		
7,050.00	6,862.44	6,937.41	6,758.31	36.34	34.43	93.07	-188.56	1,017.15	719.83	653.45	66.37	10.845		
7,100.00	6,906.77	6,973.19	6,782.60	36.50	34.67	88.66	-189.58	990.90	729.04	662.71	66.33	10.992		
7,150.00	6,949.23	7,008.56	6,805.12	36.68	34.92	85.08	-190.53	963.65	738.08	671.79	66.29	11.134		
7,200.00	6,989.58	7,043.56	6,825.89	36.87	35.19	82.09	-191.42	935.49	746.86	680.57	66.30	11.266		
7,250.00	7,027.55	7,078.24	6,844.91	37.09	35.47	79.55	-192.25	906.51	755.28	688.93	66.35	11.384		
7,300.00	7,062.91	7,112.64	6,862.19	37.32	35.77	77.38	-193.01	876.78	763.23	696.77	66.46	11.484		
7,350.00	7,095.45	7,150.00	6,879.11	37.59	36.12	75.47	-193.77	843.49	770.66	703.98	66.69	11.557		
7,400.00	7,124.97	7,180.74	6,891.55	37.88	36.42	73.92	-194.35	815.39	777.47	710.53	66.94	11.615		
7,450.00	7,151.28	7,214.50	6,903.63	38.21	36.77	72.56	-194.92	783.88	783.61	716.29	67.32	11.639		
7,500.00	7,174.22	7,250.00	6,914.51	38.58	37.15	71.40	-195.46	750.09	789.03	721.19	67.84	11.631		
7,550.00	7,193.65	7,281.58	6,922.60	38.98	37.52	70.48	-195.87	719.57	793.67	725.23	68.45	11.596		
7,600.00	7,209.45	7,314.95	6,929.49	39.43	37.91	69.73	-196.25	686.93	797.50	728.32	69.19	11.527		
7,650.00	7,221.52	7,350.00	6,934.88	39.91	38.34	69.15	-196.59	652.30	800.49	730.44	70.05	11.427		
7,700.00	7,229.79	7,381.46	6,938.09	40.42	38.73	68.76	-196.82	621.01	802.61	731.59	71.02	11.301		
7,750.00	7,234.21	7,414.65	6,939.80	40.97	39.16	68.53	-197.01	587.87	803.84	731.74	72.10	11.149		
7,780.56	7,235.00	7,437.86	6,940.02	41.32	39.46	68.48	-197.10	564.66	804.14	731.32	72.82	11.043		
7,800.00	7,235.04	7,457.30	6,940.08	41.54	39.73	68.48	-197.17	545.22	804.16	730.86	73.30	10.971		
7,900.00	7,235.26	7,557.30	6,940.34	42.82	41.16	68.49	-197.55	445.22	804.26	728.31	75.95	10.589		
8,000.00	7,235.47	7,657.30	6,940.61	44.25	42.74	68.50	-197.92	345.22	804.36	725.49	78.87	10.198		
8,100.00	7,235.68	7,757.30	6,940.87	45.82	44.44	68.50	-198.30	245.22	804.47	722.43	82.04	9.806		
8,200.00	7,235.90	7,857.30	6,941.14	47.52	46.26	68.51	-198.67	145.23	804.57	719.14	85.43	9.418		
8,300.00	7,236.11	7,957.30	6,941.41	49.34	48.18	68.52	-199.05	45.23	804.68	715.66	89.02	9.039		
8,400.00	7,236.32	8,057.30	6,941.67	51.25	50.19	68.52	-199.43	-54.77	804.78	712.00	92.78	8.674		
8,500.00	7,236.54	8,157.30	6,941.94	53.26	52.28	68.53	-199.80	-154.77	804.89	708.19	96.69	8.324		
8,600.00	7,236.75	8,257.30	6,942.20	55.34	54.44	68.54	-200.18	-254.77	804.99	704.25	100.74	7.991		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 33N-9A-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,236.96	8,357.30	6,942.47	57.50	56.66	68.54	-200.55	-354.77	805.09	700.19	104.91	7.674		
8,800.00	7,237.17	8,457.30	6,942.74	59.71	58.94	68.55	-200.93	-454.77	805.20	696.02	109.18	7.375		
8,900.00	7,237.39	8,557.30	6,943.00	61.98	61.26	68.56	-201.30	-554.77	805.30	691.75	113.55	7.092		
9,000.00	7,237.60	8,657.30	6,943.27	64.29	63.63	68.57	-201.68	-654.77	805.41	687.40	118.00	6.825		
9,100.00	7,237.81	8,757.30	6,943.53	66.65	66.04	68.57	-202.05	-754.76	805.51	682.98	122.53	6.574		
9,200.00	7,238.03	8,857.30	6,943.80	69.05	68.49	68.58	-202.43	-854.76	805.62	678.49	127.12	6.337		
9,300.00	7,238.24	8,957.30	6,944.07	71.48	70.96	68.59	-202.80	-954.76	805.72	673.94	131.78	6.114		
9,400.00	7,238.45	9,057.30	6,944.33	73.95	73.46	68.59	-203.18	-1,054.76	805.82	669.34	136.48	5.904		
9,500.00	7,238.67	9,157.30	6,944.60	76.44	75.99	68.60	-203.55	-1,154.76	805.93	664.69	141.24	5.706		
9,600.00	7,238.88	9,257.30	6,944.86	78.96	78.54	68.61	-203.93	-1,254.76	806.03	659.99	146.04	5.519		
9,700.00	7,239.09	9,357.30	6,945.13	81.50	81.11	68.61	-204.30	-1,354.76	806.14	655.26	150.88	5.343		
9,800.00	7,239.30	9,457.30	6,945.40	84.06	83.70	68.62	-204.68	-1,454.76	806.24	650.49	155.75	5.176		
9,900.00	7,239.52	9,557.30	6,945.66	86.64	86.31	68.63	-205.06	-1,554.75	806.35	645.68	160.66	5.019		
10,000.00	7,239.73	9,657.30	6,945.93	89.23	88.93	68.63	-205.43	-1,654.75	806.45	640.85	165.60	4.870		
10,100.00	7,239.94	9,757.30	6,946.19	91.85	91.57	68.64	-205.81	-1,754.75	806.56	635.99	170.56	4.729		
10,200.00	7,240.16	9,857.30	6,946.46	94.47	94.22	68.65	-206.18	-1,854.75	806.66	631.11	175.55	4.595		
10,300.00	7,240.37	9,957.30	6,946.73	97.11	96.88	68.66	-206.56	-1,954.75	806.76	626.20	180.57	4.468		
10,400.00	7,240.58	10,057.30	6,946.99	99.76	99.55	68.66	-206.93	-2,054.75	806.87	621.27	185.60	4.347		
10,500.00	7,240.80	10,157.30	6,947.26	102.43	102.23	68.67	-207.31	-2,154.75	806.97	616.32	190.66	4.233		
10,600.00	7,241.01	10,257.30	6,947.53	105.10	104.93	68.68	-207.68	-2,254.75	807.08	611.35	195.73	4.123		
10,700.00	7,241.22	10,357.30	6,947.79	107.79	107.63	68.68	-208.06	-2,354.75	807.18	606.37	200.82	4.020		
10,800.00	7,241.43	10,457.30	6,948.06	110.48	110.34	68.69	-208.43	-2,454.74	807.29	601.37	205.92	3.920		
10,900.00	7,241.65	10,557.30	6,948.32	113.18	113.05	68.70	-208.81	-2,554.74	807.39	596.35	211.04	3.826		
11,000.00	7,241.86	10,657.30	6,948.59	115.89	115.77	68.70	-209.18	-2,654.74	807.50	591.33	216.17	3.735		
11,100.00	7,242.07	10,757.30	6,948.86	118.60	118.50	68.71	-209.56	-2,754.74	807.60	586.29	221.32	3.649		
11,200.00	7,242.29	10,857.30	6,949.12	121.32	121.24	68.72	-209.93	-2,854.74	807.71	581.23	226.47	3.566		
11,300.00	7,242.50	10,957.30	6,949.39	124.05	123.98	68.72	-210.31	-2,954.74	807.81	576.17	231.64	3.487		
11,400.00	7,242.71	11,057.30	6,949.65	126.78	126.73	68.73	-210.68	-3,054.74	807.91	571.10	236.82	3.412		
11,500.00	7,242.93	11,157.30	6,949.92	129.52	129.48	68.74	-211.06	-3,154.74	808.02	566.02	242.00	3.339		
11,600.00	7,243.14	11,257.30	6,950.19	132.27	132.23	68.75	-211.44	-3,254.74	808.12	560.92	247.20	3.269		
11,700.00	7,243.35	11,357.29	6,950.45	135.02	134.99	68.75	-211.81	-3,354.73	808.23	555.82	252.40	3.202		
11,800.00	7,243.57	11,457.29	6,950.72	137.77	137.76	68.76	-212.19	-3,454.73	808.33	550.72	257.62	3.138		
11,900.00	7,243.78	11,557.29	6,950.98	140.53	140.52	68.77	-212.56	-3,554.73	808.44	545.60	262.84	3.076		
12,000.00	7,243.99	11,657.29	6,951.25	143.29	143.30	68.77	-212.94	-3,654.73	808.54	540.48	268.06	3.016		
12,100.00	7,244.20	11,757.29	6,951.52	146.05	146.07	68.78	-213.31	-3,754.73	808.65	535.35	273.30	2.959		
12,200.00	7,244.42	11,857.29	6,951.78	148.82	148.85	68.79	-213.69	-3,854.73	808.75	530.21	278.54	2.904		
12,300.00	7,244.63	11,957.29	6,952.05	151.60	151.63	68.79	-214.06	-3,954.73	808.86	525.07	283.79	2.850		
12,400.00	7,244.84	12,057.29	6,952.31	154.37	154.41	68.80	-214.44	-4,054.73	808.96	519.92	289.04	2.799		
12,500.00	7,245.06	12,157.29	6,952.58	157.15	157.20	68.81	-214.81	-4,154.72	809.07	514.77	294.30	2.749		
12,600.00	7,245.27	12,257.29	6,952.85	159.93	159.99	68.81	-215.19	-4,254.72	809.17	509.61	299.56	2.701		
12,700.00	7,245.48	12,357.29	6,953.11	162.71	162.78	68.82	-215.56	-4,354.72	809.28	504.45	304.83	2.655		
12,800.00	7,245.70	12,457.29	6,953.38	165.50	165.57	68.83	-215.94	-4,454.72	809.38	499.28	310.10	2.610		
12,900.00	7,245.91	12,557.29	6,953.64	168.29	168.37	68.84	-216.31	-4,554.72	809.49	494.11	315.38	2.567		
13,000.00	7,246.12	12,657.29	6,953.91	171.08	171.17	68.84	-216.69	-4,654.72	809.59	488.93	320.66	2.525		
13,100.00	7,246.33	12,757.29	6,954.18	173.87	173.97	68.85	-217.07	-4,754.72	809.70	483.75	325.95	2.484		
13,200.00	7,246.55	12,857.29	6,954.44	176.67	176.77	68.86	-217.44	-4,854.72	809.80	478.56	331.24	2.445		
13,300.00	7,246.76	12,957.29	6,954.71	179.47	179.57	68.86	-217.82	-4,954.72	809.91	473.38	336.53	2.407		
13,400.00	7,246.97	13,057.29	6,954.97	182.27	182.38	68.87	-218.19	-5,054.71	810.01	468.18	341.83	2.370		
13,500.00	7,247.19	13,157.29	6,955.24	185.07	185.18	68.88	-218.57	-5,154.71	810.11	462.99	347.13	2.334		
13,600.00	7,247.40	13,257.29	6,955.51	187.87	187.99	68.88	-218.94	-5,254.71	810.22	457.79	352.43	2.299		
13,700.00	7,247.61	13,357.29	6,955.77	190.68	190.80	68.89	-219.32	-5,354.71	810.32	452.59	357.74	2.265		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 33N-9A-L - OH - Plan #1														Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
13,800.00	7,247.83	13,457.29	6,956.04	193.48	193.61	68.90	-219.69	-5,454.71	810.43	447.38	363.05	2.232			
13,900.00	7,248.04	13,557.29	6,956.31	196.29	196.43	68.90	-220.07	-5,554.71	810.53	442.17	368.36	2.200			
14,000.00	7,248.25	13,657.29	6,956.57	199.10	199.24	68.91	-220.44	-5,654.71	810.64	436.96	373.68	2.169			
14,100.00	7,248.46	13,757.29	6,956.84	201.91	202.06	68.92	-220.82	-5,754.71	810.74	431.75	379.00	2.139			
14,200.00	7,248.68	13,857.29	6,957.10	204.72	204.87	68.93	-221.19	-5,854.71	810.85	426.53	384.32	2.110			
14,300.00	7,248.89	13,957.29	6,957.37	207.53	207.69	68.93	-221.57	-5,954.70	810.95	421.31	389.64	2.081			
14,400.00	7,249.10	14,057.29	6,957.64	210.35	210.51	68.94	-221.94	-6,054.70	811.06	416.09	394.97	2.053			
14,500.00	7,249.32	14,157.29	6,957.90	213.16	213.33	68.95	-222.32	-6,154.70	811.16	410.86	400.30	2.026			
14,600.00	7,249.53	14,257.29	6,958.17	215.98	216.15	68.95	-222.70	-6,254.70	811.27	405.64	405.63	2.000			
14,700.00	7,249.74	14,357.29	6,958.43	218.80	218.97	68.96	-223.07	-6,354.70	811.37	400.41	410.97	1.974			
14,800.00	7,249.96	14,457.29	6,958.70	221.62	221.80	68.97	-223.45	-6,454.70	811.48	395.18	416.30	1.949			
14,900.00	7,250.17	14,557.29	6,958.97	224.44	224.62	68.97	-223.82	-6,554.70	811.58	389.94	421.64	1.925			
15,000.00	7,250.38	14,657.29	6,959.23	227.26	227.44	68.98	-224.20	-6,654.70	811.69	384.71	426.98	1.901			
15,100.00	7,250.59	14,757.29	6,959.50	230.08	230.27	68.99	-224.57	-6,754.69	811.79	379.47	432.32	1.878			
15,200.00	7,250.81	14,857.29	6,959.76	232.90	233.10	68.99	-224.95	-6,854.69	811.90	374.23	437.67	1.855			
15,300.00	7,251.02	14,957.29	6,960.03	235.72	235.92	69.00	-225.32	-6,954.69	812.00	368.99	443.01	1.833			
15,400.00	7,251.23	15,057.29	6,960.30	238.55	238.75	69.01	-225.70	-7,054.69	812.11	363.75	448.36	1.811			
15,500.00	7,251.45	15,157.29	6,960.56	241.37	241.58	69.01	-226.07	-7,154.69	812.21	358.51	453.71	1.790			
15,600.00	7,251.66	15,257.29	6,960.83	244.20	244.41	69.02	-226.45	-7,254.69	812.32	353.26	459.06	1.770			
15,700.00	7,251.87	15,357.29	6,961.09	247.03	247.24	69.03	-226.82	-7,354.69	812.43	348.01	464.41	1.749			
15,800.00	7,252.09	15,457.29	6,961.36	249.85	250.07	69.03	-227.20	-7,454.69	812.53	342.76	469.77	1.730			
15,900.00	7,252.30	15,557.29	6,961.63	252.68	252.90	69.04	-227.57	-7,554.69	812.64	337.51	475.12	1.710			
16,000.00	7,252.51	15,657.29	6,961.89	255.51	255.73	69.05	-227.95	-7,654.68	812.74	332.26	480.48	1.692			
16,100.00	7,252.72	15,757.29	6,962.16	258.34	258.56	69.06	-228.32	-7,754.68	812.85	327.00	485.84	1.673			
16,200.00	7,252.94	15,857.29	6,962.42	261.17	261.40	69.06	-228.70	-7,854.68	812.95	321.75	491.20	1.655			
16,300.00	7,253.15	15,957.29	6,962.69	264.00	264.23	69.07	-229.08	-7,954.68	813.06	316.49	496.57	1.637			
16,400.00	7,253.36	16,057.29	6,962.96	266.83	267.07	69.08	-229.45	-8,054.68	813.16	311.23	501.93	1.620			
16,500.00	7,253.58	16,157.29	6,963.22	269.66	269.90	69.08	-229.83	-8,154.68	813.27	305.97	507.29	1.603			
16,600.00	7,253.79	16,257.29	6,963.49	272.50	272.74	69.09	-230.20	-8,254.68	813.37	300.71	512.66	1.587			
16,700.00	7,254.00	16,357.29	6,963.75	275.33	275.57	69.10	-230.58	-8,354.68	813.48	295.45	518.03	1.570			
16,800.00	7,254.22	16,457.29	6,964.02	278.16	278.41	69.10	-230.95	-8,454.68	813.58	290.18	523.40	1.554			
16,900.00	7,254.43	16,557.29	6,964.29	281.00	281.24	69.11	-231.33	-8,554.67	813.69	284.92	528.77	1.539			
17,000.00	7,254.64	16,657.29	6,964.55	283.83	284.08	69.12	-231.70	-8,654.67	813.79	279.65	534.14	1.524			
17,100.00	7,254.85	16,757.29	6,964.82	286.67	286.92	69.12	-232.08	-8,754.67	813.90	274.39	539.51	1.509			
17,200.00	7,255.07	16,857.29	6,965.09	289.50	289.76	69.13	-232.45	-8,854.67	814.00	269.12	544.89	1.494 Level 3			
17,300.00	7,255.28	16,957.29	6,965.35	292.34	292.59	69.14	-232.83	-8,954.67	814.11	263.85	550.26	1.479 Level 3			
17,400.00	7,255.49	17,057.29	6,965.62	295.17	295.43	69.14	-233.20	-9,054.67	814.21	258.58	555.64	1.465 Level 3			
17,500.00	7,255.71	17,157.29	6,965.88	298.01	298.27	69.15	-233.58	-9,154.67	814.32	253.30	561.02	1.452 Level 3			
17,600.00	7,255.92	17,257.29	6,966.15	300.85	301.11	69.16	-233.95	-9,254.67	814.43	248.03	566.39	1.438 Level 3			
17,700.00	7,256.13	17,357.29	6,966.42	303.68	303.95	69.16	-234.33	-9,354.66	814.53	242.76	571.77	1.425 Level 3			
17,800.00	7,256.35	17,457.29	6,966.68	306.52	306.79	69.17	-234.71	-9,454.66	814.64	237.48	577.15	1.411 Level 3			
17,900.00	7,256.56	17,557.29	6,966.95	309.36	309.63	69.18	-235.08	-9,554.66	814.74	232.21	582.54	1.399 Level 3			
18,000.00	7,256.77	17,657.29	6,967.21	312.20	312.47	69.19	-235.46	-9,654.66	814.85	226.93	587.92	1.386 Level 3			
18,100.00	7,256.98	17,757.29	6,967.48	315.04	315.31	69.19	-235.83	-9,754.66	814.95	221.65	593.30	1.374 Level 3			
18,200.00	7,257.20	17,857.29	6,967.75	317.88	318.16	69.20	-236.21	-9,854.66	815.06	216.37	598.69	1.361 Level 3			
18,300.00	7,257.41	17,957.29	6,968.01	320.72	321.00	69.21	-236.58	-9,954.66	815.16	211.09	604.07	1.349 Level 3			
18,400.00	7,257.62	18,057.29	6,968.28	323.56	323.84	69.21	-236.96	-10,054.66	815.27	205.81	609.46	1.338 Level 3			
18,500.00	7,257.84	18,157.29	6,968.54	326.40	326.68	69.22	-237.33	-10,154.66	815.37	200.53	614.85	1.326 Level 3			
18,600.00	7,258.05	18,257.29	6,968.81	329.24	329.52	69.23	-237.71	-10,254.65	815.48	195.24	620.24	1.315 Level 3			
18,700.00	7,258.26	18,357.29	6,969.08	332.08	332.37	69.23	-238.08	-10,354.65	815.58	189.96	625.63	1.304 Level 3			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Falken 33N-9A-L - OH - Plan #1		Offset Site Error:		0.00 ft
Survey Program:													0-MWD+IFR1		Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
18,800.00	7,258.48	18,457.29	6,969.34	334.92	335.21	69.24	-238.46	-10,454.65	815.69	184.67	631.02	1.293	Level 3				
18,900.00	7,258.69	18,557.29	6,969.61	337.76	338.05	69.25	-238.83	-10,554.65	815.80	179.39	636.41	1.282	Level 3				
19,000.00	7,258.90	18,657.29	6,969.87	340.60	340.90	69.25	-239.21	-10,654.65	815.90	174.10	641.80	1.271	Level 3				
19,046.19	7,259.00	18,703.47	6,970.00	341.92	342.21	69.26	-239.38	-10,700.84	815.95	171.66	644.29	1.266	Level 3, SF				

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 33N-9B-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	0.53	59.74	0.56	59.74					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	59.74	0.56	59.74	53.18	6.57	9.094		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	59.74	0.56	59.74	53.07	6.67	8.952		
300.00	300.00	300.00	300.00	3.44	3.44	0.53	59.74	0.56	59.74	52.85	6.89	8.671 CC, ES		
400.00	399.98	400.17	400.15	3.60	3.60	-124.17	59.57	2.30	60.58	53.38	7.20	8.418		
500.00	499.84	500.30	500.14	3.79	3.80	-123.31	59.07	7.52	63.10	55.51	7.59	8.317		
600.00	599.45	600.33	599.78	4.03	4.04	-122.03	58.23	16.21	67.32	59.26	8.06	8.353		
700.00	698.70	700.22	698.92	4.30	4.31	-120.47	57.06	28.34	73.26	64.65	8.61	8.513		
800.00	797.47	799.92	797.39	4.61	4.62	-118.80	55.56	43.86	80.95	71.72	9.22	8.778		
900.00	895.62	899.39	895.03	4.95	4.96	-117.13	53.74	62.74	90.38	80.48	9.90	9.127		
1,000.00	993.06	1,001.38	991.73	5.33	5.35	-115.56	51.61	84.88	101.57	90.91	10.66	9.529		
1,100.00	1,090.08	1,102.12	1,088.20	5.74	5.76	-114.69	49.37	108.14	113.60	102.14	11.47	9.908		
1,200.00	1,187.11	1,202.86	1,184.67	6.17	6.19	-113.99	47.12	131.40	125.66	113.35	12.31	10.206		
1,300.00	1,284.14	1,303.60	1,281.14	6.61	6.63	-113.41	44.88	154.66	137.73	124.54	13.19	10.441		
1,400.00	1,381.17	1,404.34	1,377.61	7.07	7.09	-112.92	42.63	177.92	149.81	135.72	14.10	10.627		
1,500.00	1,478.20	1,494.92	1,474.08	7.55	7.52	-112.50	40.39	201.19	161.91	146.93	14.98	10.809		
1,600.00	1,575.23	1,605.82	1,570.55	8.03	8.04	-112.15	38.15	224.45	174.01	158.03	15.97	10.893		
1,700.00	1,672.26	1,706.56	1,667.02	8.52	8.53	-111.83	35.90	247.71	186.11	169.18	16.94	10.989		
1,800.00	1,769.29	1,792.70	1,763.49	9.01	8.95	-111.56	33.66	270.97	198.22	180.39	17.84	11.112		
1,900.00	1,866.32	1,908.04	1,859.96	9.51	9.52	-111.32	31.42	294.23	210.34	191.44	18.90	11.131		
2,000.00	1,963.35	2,008.78	1,956.43	10.02	10.03	-111.11	29.17	317.50	222.46	202.56	19.89	11.183		
2,100.00	2,060.38	2,109.52	2,052.90	10.53	10.53	-110.91	26.93	340.76	234.58	213.68	20.90	11.226		
2,200.00	2,157.41	2,189.74	2,149.37	11.04	10.94	-110.74	24.68	364.02	246.70	224.90	21.80	11.316		
2,300.00	2,254.44	2,289.00	2,245.84	11.56	11.44	-110.58	22.44	387.28	258.83	236.02	22.81	11.348		
2,400.00	2,351.47	2,388.26	2,342.31	12.07	11.95	-110.44	20.20	410.54	270.95	247.13	23.82	11.374		
2,500.00	2,448.50	2,487.52	2,438.77	12.59	12.46	-110.31	17.95	433.81	283.08	258.24	24.84	11.397		
2,600.00	2,545.53	2,586.78	2,535.24	13.12	12.97	-110.19	15.71	457.07	295.21	269.35	25.86	11.416		
2,700.00	2,642.56	2,686.04	2,631.71	13.64	13.49	-110.07	13.47	480.33	307.34	280.46	26.89	11.432		
2,800.00	2,739.59	2,785.30	2,728.18	14.17	14.00	-109.97	11.22	503.59	319.47	291.56	27.91	11.445		
2,900.00	2,836.62	2,884.56	2,824.65	14.69	14.52	-109.88	8.98	526.85	331.61	302.66	28.94	11.457		
3,000.00	2,933.65	2,983.82	2,921.12	15.22	15.04	-109.79	6.74	550.12	343.74	313.76	29.98	11.467		
3,100.00	3,030.68	3,083.08	3,017.59	15.75	15.56	-109.71	4.49	573.38	355.87	324.86	31.01	11.475		
3,200.00	3,127.71	3,182.34	3,114.06	16.28	16.08	-109.63	2.25	596.64	368.01	335.96	32.05	11.482		
3,300.00	3,224.74	3,281.60	3,210.53	16.82	16.60	-109.56	0.00	619.90	380.15	347.05	33.09	11.488		
3,400.00	3,321.76	3,380.86	3,307.00	17.35	17.12	-109.49	-2.24	643.16	392.28	358.15	34.13	11.493		
3,500.00	3,418.79	3,480.12	3,403.47	17.88	17.64	-109.43	-4.48	666.43	404.42	369.24	35.17	11.497		
3,600.00	3,515.82	3,579.38	3,499.94	18.42	18.16	-109.37	-6.73	689.69	416.56	380.34	36.22	11.501		
3,700.00	3,612.85	3,678.64	3,596.41	18.95	18.69	-109.31	-8.97	712.95	428.69	391.43	37.26	11.504		
3,800.00	3,709.88	3,777.90	3,692.88	19.49	19.21	-109.26	-11.21	736.21	440.83	402.52	38.31	11.507		
3,900.00	3,806.91	3,877.16	3,789.35	20.02	19.74	-109.21	-13.46	759.47	452.97	413.61	39.36	11.509		
4,000.00	3,903.94	3,976.42	3,885.82	20.56	20.26	-109.16	-15.70	782.74	465.11	424.70	40.41	11.510		
4,100.00	4,000.97	4,075.68	3,982.29	21.09	20.79	-109.11	-17.95	806.00	477.25	435.79	41.46	11.512		
4,200.00	4,098.00	4,174.94	4,078.75	21.63	21.31	-109.07	-20.19	829.26	489.39	446.88	42.51	11.513		
4,300.00	4,195.03	4,274.20	4,175.22	22.17	21.84	-109.03	-22.43	852.52	501.53	457.97	43.56	11.513		
4,400.00	4,292.06	4,373.46	4,271.69	22.71	22.37	-108.99	-24.68	875.78	513.67	469.05	44.61	11.514		
4,500.00	4,389.09	4,472.72	4,368.16	23.25	22.90	-108.95	-26.92	899.05	525.81	480.14	45.67	11.514		
4,600.00	4,486.12	4,571.98	4,464.63	23.78	23.42	-108.92	-29.16	922.31	537.95	491.23	46.72	11.515		
4,700.00	4,583.15	4,671.24	4,561.10	24.32	23.95	-108.88	-31.41	945.57	550.09	502.31	47.77	11.515		
4,800.00	4,680.18	4,770.50	4,657.57	24.86	24.48	-108.85	-33.65	968.83	562.23	513.40	48.83	11.515		
4,900.00	4,777.21	4,869.76	4,754.04	25.40	25.01	-108.82	-35.89	992.09	574.37	524.49	49.88	11.514		
5,000.00	4,874.24	4,969.02	4,850.51	25.94	25.54	-108.79	-38.14	1,015.36	586.51	535.57	50.94	11.514		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 33N-9B-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	5,068.28	4,946.98	26.48	26.07	-108.76	-40.38	1,038.62	598.65	546.66	51.99	11.514		
5,200.00	5,068.30	5,167.54	5,043.45	27.02	26.59	-108.73	-42.63	1,061.88	610.79	557.74	53.05	11.513		
5,300.00	5,165.33	5,266.80	5,139.92	27.56	27.12	-108.71	-44.87	1,085.14	622.93	568.83	54.11	11.513		
5,400.00	5,262.36	5,366.06	5,236.39	28.10	27.65	-108.68	-47.11	1,108.40	635.08	579.91	55.17	11.512		
5,500.00	5,359.39	5,465.62	5,333.16	28.64	28.18	-108.66	-49.36	1,131.73	647.21	590.99	56.23	11.511		
5,600.00	5,456.42	5,568.99	5,434.10	29.18	28.71	-108.82	-51.50	1,153.87	659.00	601.70	57.30	11.501		
5,700.00	5,553.45	5,672.24	5,535.66	29.72	29.22	-109.29	-53.28	1,172.35	670.19	611.86	58.33	11.489		
5,800.00	5,650.47	5,775.12	5,637.45	30.27	29.69	-110.05	-54.71	1,187.13	680.88	621.56	59.32	11.478		
5,900.00	5,747.50	5,877.35	5,739.08	30.81	30.13	-111.08	-55.77	1,198.20	691.19	630.93	60.26	11.469		
6,000.00	5,844.53	5,978.70	5,840.15	31.35	30.55	-112.37	-56.49	1,205.61	701.30	640.14	61.16	11.467		
6,100.00	5,941.56	6,078.92	5,940.29	31.89	30.94	-113.88	-56.86	1,209.44	711.44	649.43	62.00	11.474		
6,200.00	6,038.59	6,177.23	6,038.59	32.43	31.30	-115.57	-56.92	1,210.06	721.86	659.06	62.79	11.496		
6,300.00	6,135.62	6,274.26	6,135.62	32.97	31.64	-117.23	-56.92	1,210.06	732.88	669.32	63.56	11.531		
6,400.00	6,232.65	6,371.29	6,232.65	33.51	31.99	-118.85	-56.92	1,210.06	744.52	680.20	64.32	11.576		
6,500.00	6,329.68	6,468.32	6,329.68	34.06	32.34	-120.42	-56.92	1,210.06	756.76	691.69	65.07	11.630		
6,600.00	6,426.71	6,565.54	6,426.90	34.60	32.70	-121.94	-56.92	1,210.05	769.56	703.74	65.82	11.692		
6,655.36	6,480.43	6,621.10	6,482.38	34.90	32.89	-122.99	-56.93	1,207.32	776.81	710.58	66.22	11.730		
6,700.00	6,524.01	6,664.42	6,525.34	35.13	33.04	-136.67	-56.96	1,201.84	782.84	716.33	66.51	11.770		
6,750.00	6,573.29	6,711.96	6,571.94	35.36	33.21	-160.82	-57.01	1,192.48	789.92	723.12	66.80	11.825		
6,800.00	6,622.76	6,758.55	6,616.81	35.56	33.39	167.22	-57.08	1,179.96	797.26	730.20	67.06	11.888		
6,850.00	6,672.13	6,804.27	6,659.83	35.73	33.58	140.25	-57.16	1,164.52	804.81	737.50	67.31	11.957		
6,900.00	6,721.08	6,849.20	6,700.92	35.88	33.77	123.25	-57.25	1,146.37	812.49	744.94	67.55	12.028		
6,950.00	6,769.31	6,893.42	6,740.01	36.03	33.98	112.68	-57.36	1,125.73	820.23	752.43	67.79	12.099		
7,000.00	6,816.53	6,936.98	6,777.04	36.18	34.20	105.57	-57.48	1,102.79	827.96	759.91	68.05	12.167		
7,050.00	6,862.44	6,979.96	6,811.94	36.34	34.44	100.42	-57.61	1,077.73	835.61	767.28	68.33	12.230		
7,100.00	6,906.77	7,022.41	6,844.68	36.50	34.70	96.45	-57.75	1,050.72	843.11	774.49	68.62	12.286		
7,150.00	6,949.23	7,064.38	6,875.20	36.68	34.97	93.27	-57.90	1,021.92	850.40	781.45	68.95	12.334		
7,200.00	6,989.58	7,105.93	6,903.49	36.87	35.26	90.65	-58.06	991.50	857.41	788.10	69.31	12.371		
7,250.00	7,027.55	7,147.09	6,929.50	37.09	35.57	88.44	-58.23	959.61	864.07	794.36	69.71	12.394		
7,300.00	7,062.91	7,187.92	6,953.21	37.32	35.91	86.55	-58.40	926.38	870.34	800.16	70.18	12.401		
7,350.00	7,095.45	7,228.45	6,974.59	37.59	36.28	84.94	-58.58	891.96	876.16	805.45	70.71	12.391		
7,400.00	7,124.97	7,268.71	6,993.62	37.88	36.66	83.57	-58.77	856.48	881.48	810.17	71.31	12.362		
7,450.00	7,151.28	7,308.74	7,010.28	38.21	37.07	82.39	-58.96	820.09	886.26	814.28	71.98	12.312		
7,500.00	7,174.22	7,348.58	7,024.55	38.58	37.50	81.40	-59.16	782.91	890.47	817.73	72.74	12.242		
7,550.00	7,193.65	7,388.24	7,036.43	38.98	37.95	80.59	-59.35	745.07	894.06	820.47	73.59	12.150		
7,600.00	7,209.45	7,427.77	7,045.90	39.43	38.43	79.93	-59.56	706.70	897.01	822.50	74.52	12.038		
7,650.00	7,221.52	7,467.18	7,052.95	39.91	38.91	79.43	-59.76	667.93	899.30	823.77	75.52	11.907		
7,700.00	7,229.79	7,506.50	7,057.58	40.42	39.42	79.07	-59.96	628.89	900.90	824.30	76.61	11.760		
7,750.00	7,234.21	7,545.75	7,059.79	40.97	39.93	78.87	-60.17	589.71	901.82	824.06	77.75	11.598		
7,780.56	7,235.00	7,572.25	7,060.03	41.32	40.29	78.81	-60.31	563.21	902.01	823.51	78.50	11.491		
7,800.00	7,235.04	7,591.69	7,060.07	41.54	40.55	78.81	-60.41	543.77	902.01	823.00	79.00	11.417		
7,900.00	7,235.26	7,708.31	7,060.30	42.82	42.27	78.82	-60.93	443.77	901.99	819.94	82.05	10.994		
8,000.00	7,235.47	7,808.31	7,060.53	44.25	43.89	78.82	-61.46	343.78	901.97	816.84	85.13	10.595		
8,100.00	7,235.68	7,908.31	7,060.76	45.82	45.64	78.82	-61.98	243.78	901.95	813.48	88.47	10.195		
8,200.00	7,235.90	8,008.31	7,060.99	47.52	47.49	78.82	-62.51	143.78	901.93	809.90	92.03	9.800		
8,300.00	7,236.11	8,108.31	7,061.22	49.34	49.44	78.82	-63.03	43.78	901.91	806.12	95.79	9.415		
8,400.00	7,236.32	8,208.31	7,061.45	51.25	51.47	78.82	-63.55	-56.22	901.89	802.17	99.73	9.044		
8,500.00	7,236.54	8,308.31	7,061.68	53.26	53.58	78.82	-64.08	-156.22	901.88	798.06	103.82	8.687		
8,600.00	7,236.75	8,408.31	7,061.91	55.34	55.75	78.82	-64.60	-256.21	901.86	793.81	108.05	8.347		
8,700.00	7,236.96	8,491.69	7,062.14	57.50	57.61	78.82	-65.13	-356.21	901.84	789.81	112.03	8.050		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 33N-9B-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	8,608.31	7,062.38	59.71	60.28	78.82	-65.65	-456.21	901.82	784.96	116.86	7.717		
8,900.00	7,237.39	8,708.31	7,062.61	61.98	62.61	78.82	-66.17	-556.21	901.80	780.38	121.42	7.427		
9,000.00	7,237.60	8,808.31	7,062.84	64.29	64.99	78.83	-66.70	-656.21	901.78	775.72	126.06	7.154		
9,100.00	7,237.81	8,908.31	7,063.07	66.65	67.40	78.83	-67.22	-756.21	901.76	770.98	130.78	6.895		
9,200.00	7,238.03	9,008.31	7,063.30	69.05	69.85	78.83	-67.75	-856.20	901.74	766.18	135.57	6.652		
9,300.00	7,238.24	9,108.31	7,063.53	71.48	72.33	78.83	-68.27	-956.20	901.72	761.31	140.42	6.422		
9,400.00	7,238.45	9,208.31	7,063.76	73.95	74.84	78.83	-68.79	-1,056.20	901.71	756.38	145.33	6.205		
9,500.00	7,238.67	9,308.31	7,063.99	76.44	77.37	78.83	-69.32	-1,156.20	901.69	751.40	150.28	6.000		
9,600.00	7,238.88	9,408.31	7,064.22	78.96	79.92	78.83	-69.84	-1,256.20	901.67	746.38	155.29	5.806		
9,700.00	7,239.09	9,491.69	7,064.45	81.50	82.06	78.83	-70.37	-1,356.20	901.65	741.74	159.91	5.639		
9,800.00	7,239.30	9,608.31	7,064.68	84.06	85.08	78.83	-70.89	-1,456.19	901.63	736.22	165.41	5.451		
9,900.00	7,239.52	9,708.31	7,064.91	86.64	87.69	78.83	-71.41	-1,556.19	901.61	731.08	170.53	5.287		
10,000.00	7,239.73	9,808.31	7,065.14	89.23	90.31	78.83	-71.94	-1,656.19	901.59	725.92	175.67	5.132		
10,100.00	7,239.94	9,908.31	7,065.37	91.85	92.95	78.84	-72.46	-1,756.19	901.57	720.72	180.85	4.985		
10,200.00	7,240.16	10,008.31	7,065.60	94.47	95.60	78.84	-72.99	-1,856.19	901.55	715.50	186.05	4.846		
10,300.00	7,240.37	10,108.31	7,065.83	97.11	98.26	78.84	-73.51	-1,956.19	901.54	710.26	191.28	4.713		
10,400.00	7,240.58	10,208.31	7,066.06	99.76	100.93	78.84	-74.03	-2,056.18	901.52	704.99	196.52	4.587		
10,500.00	7,240.80	10,308.31	7,066.29	102.43	103.61	78.84	-74.56	-2,156.18	901.50	699.71	201.79	4.467		
10,600.00	7,241.01	10,391.69	7,066.53	105.10	105.85	78.84	-75.08	-2,256.18	901.48	694.84	206.64	4.363		
10,700.00	7,241.22	10,508.31	7,066.76	107.79	109.00	78.84	-75.61	-2,356.18	901.46	689.08	212.38	4.244		
10,800.00	7,241.43	10,608.31	7,066.99	110.48	111.71	78.84	-76.13	-2,456.18	901.44	683.74	217.70	4.141		
10,900.00	7,241.65	10,708.31	7,067.22	113.18	114.42	78.84	-76.65	-2,556.18	901.42	678.38	223.04	4.042		
11,000.00	7,241.86	10,808.31	7,067.45	115.89	117.15	78.84	-77.18	-2,656.17	901.40	673.02	228.39	3.947		
11,100.00	7,242.07	10,908.31	7,067.68	118.60	119.87	78.84	-77.70	-2,756.17	901.39	667.63	233.75	3.856		
11,200.00	7,242.29	11,008.31	7,067.91	121.32	122.61	78.85	-78.23	-2,856.17	901.37	662.24	239.12	3.769		
11,300.00	7,242.50	11,108.31	7,068.14	124.05	125.35	78.85	-78.75	-2,956.17	901.35	656.84	244.51	3.686		
11,400.00	7,242.71	11,208.31	7,068.37	126.78	128.09	78.85	-79.27	-3,056.17	901.33	651.42	249.91	3.607		
11,500.00	7,242.93	11,291.69	7,068.60	129.52	130.38	78.85	-79.80	-3,156.17	901.31	646.45	254.86	3.536		
11,600.00	7,243.14	11,408.31	7,068.83	132.27	133.60	78.85	-80.32	-3,256.16	901.29	640.56	260.73	3.457		
11,700.00	7,243.35	11,508.31	7,069.06	135.02	136.35	78.85	-80.85	-3,356.16	901.27	635.12	266.15	3.386		
11,800.00	7,243.57	11,608.31	7,069.29	137.77	139.12	78.85	-81.37	-3,456.16	901.25	629.67	271.58	3.319		
11,900.00	7,243.78	11,708.31	7,069.52	140.53	141.88	78.85	-81.89	-3,556.16	901.23	624.21	277.02	3.253		
12,000.00	7,243.99	11,808.31	7,069.75	143.29	144.65	78.85	-82.42	-3,656.16	901.22	618.74	282.47	3.190		
12,100.00	7,244.20	11,908.31	7,069.98	146.05	147.43	78.85	-82.94	-3,756.16	901.20	613.27	287.93	3.130		
12,200.00	7,244.42	12,008.31	7,070.21	148.82	150.20	78.85	-83.47	-3,856.15	901.18	607.79	293.39	3.072		
12,300.00	7,244.63	12,108.31	7,070.44	151.60	152.98	78.86	-83.99	-3,956.15	901.16	602.31	298.85	3.015		
12,400.00	7,244.84	12,208.31	7,070.67	154.37	155.76	78.86	-84.51	-4,056.15	901.14	596.82	304.33	2.961		
12,500.00	7,245.06	12,308.31	7,070.91	157.15	158.55	78.86	-85.04	-4,156.15	901.12	591.32	309.80	2.909		
12,600.00	7,245.27	12,408.31	7,071.14	159.93	161.34	78.86	-85.56	-4,256.15	901.10	585.82	315.29	2.858		
12,700.00	7,245.48	12,508.31	7,071.37	162.71	164.13	78.86	-86.09	-4,356.15	901.08	580.31	320.77	2.809		
12,800.00	7,245.70	12,608.31	7,071.60	165.50	166.92	78.86	-86.61	-4,456.14	901.06	574.80	326.27	2.762		
12,900.00	7,245.91	12,708.31	7,071.83	168.29	169.71	78.86	-87.13	-4,556.14	901.05	569.28	331.77	2.716		
13,000.00	7,246.12	12,808.31	7,072.06	171.08	172.51	78.86	-87.66	-4,656.14	901.03	563.76	337.27	2.672		
13,100.00	7,246.33	12,908.31	7,072.29	173.87	175.31	78.86	-88.18	-4,756.14	901.01	558.24	342.77	2.629		
13,200.00	7,246.55	13,008.31	7,072.52	176.67	178.11	78.86	-88.71	-4,856.14	900.99	552.71	348.28	2.587		
13,300.00	7,246.76	13,091.69	7,072.75	179.47	180.44	78.86	-89.23	-4,956.14	900.97	547.63	353.34	2.550		
13,400.00	7,246.97	13,208.31	7,072.98	182.27	183.71	78.86	-89.75	-5,056.14	900.95	541.64	359.31	2.507		
13,500.00	7,247.19	13,308.31	7,073.21	185.07	186.52	78.87	-90.28	-5,156.13	900.93	536.10	364.83	2.469		
13,600.00	7,247.40	13,408.31	7,073.44	187.87	189.33	78.87	-90.80	-5,256.13	900.91	530.56	370.36	2.433		
13,700.00	7,247.61	13,508.31	7,073.67	190.68	192.14	78.87	-91.33	-5,356.13	900.90	525.01	375.88	2.397		
13,800.00	7,247.83	13,608.31	7,073.90	193.48	194.95	78.87	-91.85	-5,456.13	900.88	519.47	381.41	2.362		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 33N-9B-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.04	13,708.31	7,074.13	196.29	197.76	78.87	-92.37	-5,556.13	900.86	513.91	386.94	2.328		
14,000.00	7,248.25	13,808.31	7,074.36	199.10	200.57	78.87	-92.90	-5,656.13	900.84	508.36	392.48	2.295		
14,100.00	7,248.46	13,908.31	7,074.59	201.91	203.39	78.87	-93.42	-5,756.12	900.82	502.80	398.02	2.263		
14,200.00	7,248.68	14,008.31	7,074.82	204.72	206.20	78.87	-93.95	-5,856.12	900.80	497.25	403.56	2.232		
14,300.00	7,248.89	14,108.31	7,075.06	207.53	209.02	78.87	-94.47	-5,956.12	900.78	491.68	409.10	2.202		
14,400.00	7,249.10	14,208.31	7,075.29	210.35	211.83	78.87	-94.99	-6,056.12	900.76	486.12	414.64	2.172		
14,500.00	7,249.32	14,308.31	7,075.52	213.16	214.65	78.87	-95.52	-6,156.12	900.74	480.56	420.19	2.144		
14,600.00	7,249.53	14,408.31	7,075.75	215.98	217.47	78.88	-96.04	-6,256.12	900.73	474.99	425.74	2.116		
14,700.00	7,249.74	14,508.31	7,075.98	218.80	220.29	78.88	-96.57	-6,356.11	900.71	469.42	431.29	2.088		
14,800.00	7,249.96	14,608.31	7,076.21	221.62	223.12	78.88	-97.09	-6,456.11	900.69	463.85	436.84	2.062		
14,900.00	7,250.17	14,708.31	7,076.44	224.44	225.94	78.88	-97.61	-6,556.11	900.67	458.27	442.40	2.036		
15,000.00	7,250.38	14,808.31	7,076.67	227.26	228.76	78.88	-98.14	-6,656.11	900.65	452.70	447.95	2.011		
15,100.00	7,250.59	14,891.69	7,076.90	230.08	231.12	78.88	-98.66	-6,756.11	900.63	447.58	453.05	1.988		
15,200.00	7,250.81	15,008.31	7,077.13	232.90	234.41	78.88	-99.19	-6,856.11	900.61	441.54	459.07	1.962		
15,300.00	7,251.02	15,108.31	7,077.36	235.72	237.24	78.88	-99.71	-6,956.10	900.59	435.96	464.63	1.938		
15,400.00	7,251.23	15,208.31	7,077.59	238.55	240.06	78.88	-100.23	-7,056.10	900.57	430.38	470.19	1.915		
15,500.00	7,251.45	15,308.31	7,077.82	241.37	242.89	78.88	-100.76	-7,156.10	900.56	424.80	475.76	1.893		
15,600.00	7,251.66	15,408.31	7,078.05	244.20	245.72	78.88	-101.28	-7,256.10	900.54	419.21	481.33	1.871		
15,700.00	7,251.87	15,508.31	7,078.28	247.03	248.55	78.89	-101.81	-7,356.10	900.52	413.63	486.89	1.850		
15,800.00	7,252.09	15,608.31	7,078.51	249.85	251.38	78.89	-102.33	-7,456.10	900.50	408.04	492.46	1.829		
15,900.00	7,252.30	15,708.31	7,078.74	252.68	254.21	78.89	-102.85	-7,556.09	900.48	402.45	498.03	1.808		
16,000.00	7,252.51	15,808.31	7,078.97	255.51	257.04	78.89	-103.38	-7,656.09	900.46	396.86	503.60	1.788		
16,100.00	7,252.72	15,908.31	7,079.21	258.34	259.87	78.89	-103.90	-7,756.09	900.44	391.27	509.18	1.768		
16,200.00	7,252.94	16,008.31	7,079.44	261.17	262.70	78.89	-104.43	-7,856.09	900.42	385.67	514.75	1.749		
16,300.00	7,253.15	16,108.31	7,079.67	264.00	265.54	78.89	-104.95	-7,956.09	900.41	380.08	520.33	1.730		
16,400.00	7,253.36	16,208.31	7,079.90	266.83	268.37	78.89	-105.47	-8,056.09	900.39	374.49	525.90	1.712		
16,500.00	7,253.58	16,308.31	7,080.13	269.66	271.20	78.89	-106.00	-8,156.08	900.37	368.89	531.48	1.694		
16,600.00	7,253.79	16,408.31	7,080.36	272.50	274.04	78.89	-106.52	-8,256.08	900.35	363.29	537.06	1.676		
16,700.00	7,254.00	16,508.31	7,080.59	275.33	276.87	78.89	-107.05	-8,356.08	900.33	357.69	542.64	1.659		
16,800.00	7,254.22	16,608.31	7,080.82	278.16	279.71	78.90	-107.57	-8,456.08	900.31	352.09	548.22	1.642		
16,900.00	7,254.43	16,691.69	7,081.05	281.00	282.07	78.90	-108.09	-8,556.08	900.29	346.96	553.33	1.627		
17,000.00	7,254.64	16,808.31	7,081.28	283.83	285.38	78.90	-108.62	-8,656.08	900.27	340.89	559.38	1.609		
17,100.00	7,254.85	16,908.31	7,081.51	286.67	288.22	78.90	-109.14	-8,756.07	900.25	335.29	564.96	1.593		
17,200.00	7,255.07	17,008.31	7,081.74	289.50	291.05	78.90	-109.67	-8,856.07	900.24	329.69	570.55	1.578		
17,300.00	7,255.28	17,108.31	7,081.97	292.34	293.89	78.90	-110.19	-8,956.07	900.22	324.08	576.13	1.563		
17,400.00	7,255.49	17,208.31	7,082.20	295.17	296.73	78.90	-110.71	-9,056.07	900.20	318.48	581.72	1.547		
17,500.00	7,255.71	17,308.31	7,082.43	298.01	299.57	78.90	-111.24	-9,156.07	900.18	312.87	587.30	1.533		
17,600.00	7,255.92	17,408.31	7,082.66	300.85	302.40	78.90	-111.76	-9,256.07	900.16	307.27	592.89	1.518		
17,700.00	7,256.13	17,508.31	7,082.89	303.68	305.24	78.90	-112.29	-9,356.06	900.14	301.66	598.48	1.504		
17,800.00	7,256.35	17,608.31	7,083.12	306.52	308.08	78.90	-112.81	-9,456.06	900.12	296.05	604.07	1.490 Level 3		
17,900.00	7,256.56	17,691.69	7,083.35	309.36	310.45	78.91	-113.33	-9,556.06	900.10	290.91	609.19	1.478 Level 3		
18,000.00	7,256.77	17,808.31	7,083.59	312.20	313.76	78.91	-113.86	-9,656.06	900.09	284.84	615.25	1.463 Level 3		
18,100.00	7,256.98	17,908.31	7,083.82	315.04	316.60	78.91	-114.38	-9,756.06	900.07	279.23	620.84	1.450 Level 3		
18,200.00	7,257.20	18,008.31	7,084.05	317.88	319.44	78.91	-114.91	-9,856.06	900.05	273.62	626.43	1.437 Level 3		
18,300.00	7,257.41	18,108.31	7,084.28	320.72	322.28	78.91	-115.43	-9,956.05	900.03	268.00	632.02	1.424 Level 3		
18,400.00	7,257.62	18,208.31	7,084.51	323.56	325.13	78.91	-115.95	-10,056.05	900.01	262.39	637.62	1.412 Level 3		
18,500.00	7,257.84	18,308.31	7,084.74	326.40	327.97	78.91	-116.48	-10,156.05	899.99	256.78	643.21	1.399 Level 3		
18,600.00	7,258.05	18,408.31	7,084.97	329.24	330.81	78.91	-117.00	-10,256.05	899.97	251.17	648.80	1.387 Level 3		
18,700.00	7,258.26	18,508.31	7,085.20	332.08	333.65	78.91	-117.53	-10,356.05	899.95	245.55	654.40	1.375 Level 3		
18,800.00	7,258.48	18,608.31	7,085.43	334.92	336.49	78.91	-118.05	-10,456.05	899.93	239.94	659.99	1.364 Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Falken 33N-9B-L - OH - Plan #1		Offset Site Error:		0.00 ft
Survey Program:													0-MWD+IFR1		Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
18,900.00	7,258.69	18,708.31	7,085.66	337.76	339.34	78.91	-118.57	-10,556.04	899.92	234.33	665.59	1.352	Level 3				
19,000.00	7,258.90	18,791.69	7,085.89	340.60	341.71	78.92	-119.10	-10,656.04	899.90	229.17	670.72	1.342	Level 3				
19,046.19	7,259.00	18,837.88	7,086.00	341.92	343.02	78.92	-119.34	-10,702.23	899.89	226.58	673.31	1.337	Level 3, SF				

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 33N-9C-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	1.07	14.94	0.28	14.94					
100.00	100.00	100.00	100.00	3.28	3.28	1.07	14.94	0.28	14.94	8.37	6.57	2.275		
200.00	200.00	200.00	200.00	3.34	3.34	1.07	14.94	0.28	14.94	8.27	6.67	2.239		
300.00	300.00	300.21	300.19	3.44	3.44	7.28	14.06	1.80	14.18	7.29	6.89	2.059		
400.00	399.98	400.28	400.12	3.60	3.60	-103.48	11.44	6.34	13.38	6.18	7.19	1.860		
417.69	417.66	417.97	417.76	3.63	3.63	-100.81	10.80	7.46	13.36	6.10	7.26	1.841 CC		
500.00	499.84	500.23	499.68	3.79	3.80	-88.55	7.08	13.89	13.77	6.19	7.59	1.816		
600.00	599.45	600.04	598.75	4.03	4.04	-75.63	1.00	24.43	15.31	7.23	8.08	1.896		
700.00	698.70	699.74	697.21	4.30	4.33	-65.94	-6.80	37.93	17.74	9.08	8.65	2.049		
800.00	797.47	799.31	794.94	4.61	4.65	-59.20	-16.29	54.37	20.78	11.48	9.30	2.234		
900.00	895.62	901.07	892.06	4.95	5.02	-55.03	-27.38	73.59	24.14	14.13	10.02	2.410		
1,000.00	993.06	1,001.10	989.35	5.33	5.42	-56.71	-38.89	93.52	26.06	15.30	10.76	2.421		
1,100.00	1,090.08	1,101.13	1,086.64	5.74	5.84	-61.32	-50.40	113.45	27.12	15.55	11.57	2.344		
1,200.00	1,187.11	1,201.15	1,183.92	6.17	6.27	-65.56	-61.91	133.38	28.34	15.91	12.42	2.281		
1,300.00	1,284.14	1,301.18	1,281.21	6.61	6.72	-69.43	-73.41	153.31	29.70	16.38	13.32	2.230		
1,400.00	1,381.17	1,401.21	1,378.49	7.07	7.19	-72.94	-84.92	173.25	31.18	16.94	14.24	2.189		
1,500.00	1,478.20	1,501.24	1,475.78	7.55	7.66	-76.13	-96.43	193.18	32.77	17.58	15.19	2.157		
1,600.00	1,575.23	1,598.73	1,573.07	8.03	8.12	-79.01	-107.94	213.11	34.45	18.31	16.14	2.134		
1,700.00	1,672.26	1,701.30	1,670.35	8.52	8.62	-81.62	-119.45	233.04	36.22	19.08	17.14	2.114		
1,800.00	1,769.29	1,798.68	1,767.64	9.01	9.10	-83.98	-130.95	252.97	38.05	19.93	18.11	2.101		
1,900.00	1,866.32	1,901.35	1,864.93	9.51	9.61	-86.12	-142.46	272.91	39.93	20.81	19.12	2.088		
2,000.00	1,963.35	2,001.38	1,962.21	10.02	10.11	-88.07	-153.97	292.84	41.87	21.75	20.13	2.080		
2,100.00	2,060.38	2,101.41	2,059.50	10.53	10.61	-89.84	-165.48	312.77	43.86	22.72	21.14	2.075		
2,200.00	2,157.41	2,201.44	2,156.78	11.04	11.12	-91.46	-176.98	332.70	45.88	23.73	22.15	2.071		
2,300.00	2,254.44	2,298.53	2,254.07	11.56	11.61	-92.93	-188.49	352.63	47.93	24.78	23.15	2.070		
2,400.00	2,351.47	2,398.50	2,351.36	12.07	12.13	-94.29	-200.00	372.56	50.02	25.84	24.17	2.069		
2,500.00	2,448.50	2,501.52	2,448.64	12.59	12.65	-95.54	-211.51	392.50	52.13	26.92	25.21	2.068		
2,600.00	2,545.53	2,601.55	2,545.93	13.12	13.17	-96.69	-223.01	412.43	54.26	28.03	26.23	2.068		
2,700.00	2,642.56	2,701.58	2,643.22	13.64	13.69	-97.75	-234.52	432.36	56.41	29.15	27.26	2.070		
2,800.00	2,739.59	2,798.39	2,740.50	14.17	14.19	-98.74	-246.03	452.29	58.58	30.32	28.27	2.072		
2,900.00	2,836.62	2,901.64	2,837.79	14.69	14.72	-99.65	-257.54	472.22	60.77	31.46	29.31	2.073		
3,000.00	2,933.65	3,001.67	2,935.07	15.22	15.24	-100.50	-269.05	492.16	62.97	32.63	30.34	2.076		
3,100.00	3,030.68	3,101.69	3,032.36	15.75	15.76	-101.30	-280.55	512.09	65.18	33.82	31.37	2.078		
3,200.00	3,127.71	3,201.72	3,129.65	16.28	16.29	-102.04	-292.06	532.02	67.41	35.01	32.40	2.081		
3,300.00	3,224.74	3,301.75	3,226.93	16.82	16.81	-102.73	-303.57	551.95	69.65	36.22	33.43	2.083		
3,400.00	3,321.76	3,401.78	3,324.22	17.35	17.33	-103.38	-315.08	571.88	71.89	37.43	34.46	2.086		
3,500.00	3,418.79	3,501.81	3,421.50	17.88	17.86	-103.99	-326.58	591.82	74.15	38.65	35.49	2.089		
3,600.00	3,515.82	3,601.84	3,518.79	18.42	18.38	-104.56	-338.09	611.75	76.41	39.88	36.53	2.092		
3,700.00	3,612.85	3,698.13	3,616.08	18.95	18.89	-105.11	-349.60	631.68	78.68	41.14	37.54	2.096		
3,800.00	3,709.88	3,801.89	3,713.36	19.49	19.43	-105.62	-361.11	651.61	80.96	42.36	38.59	2.098		
3,900.00	3,806.91	3,901.92	3,810.65	20.02	19.96	-106.10	-372.61	671.54	83.24	43.61	39.63	2.101		
4,000.00	3,903.94	4,001.95	3,907.94	20.56	20.49	-106.56	-384.12	691.48	85.53	44.86	40.66	2.103		
4,100.00	4,000.97	4,101.98	4,005.22	21.09	21.02	-106.99	-395.63	711.41	87.82	46.12	41.70	2.106		
4,200.00	4,098.00	4,202.01	4,102.51	21.63	21.54	-107.40	-407.14	731.34	90.12	47.39	42.73	2.109		
4,300.00	4,195.03	4,302.04	4,199.79	22.17	22.07	-107.79	-418.65	751.27	92.42	48.65	43.77	2.112		
4,400.00	4,292.06	4,402.06	4,297.08	22.71	22.60	-108.16	-430.15	771.20	94.73	49.92	44.80	2.114		
4,500.00	4,389.09	4,502.09	4,394.37	23.25	23.13	-108.52	-441.66	791.14	97.04	51.20	45.84	2.117		
4,600.00	4,486.12	4,597.88	4,491.65	23.78	23.64	-108.85	-453.17	811.07	99.35	52.50	46.85	2.120		
4,700.00	4,583.15	4,702.15	4,588.94	24.32	24.19	-109.18	-464.68	831.00	101.67	53.76	47.91	2.122		
4,800.00	4,680.18	4,802.18	4,686.23	24.86	24.72	-109.48	-476.18	850.93	103.99	55.04	48.95	2.124		
4,900.00	4,777.21	4,902.21	4,783.51	25.40	25.25	-109.78	-487.69	870.86	106.31	56.33	49.99	2.127		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 33N-9C-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,874.24	4,997.77	4,880.80	25.94	25.75	-110.06	-499.20	890.79	108.64	57.64	51.00	2.130		
5,100.00	4,971.27	5,102.26	4,978.08	26.48	26.31	-110.33	-510.71	910.73	110.97	58.91	52.06	2.131		
5,200.00	5,068.30	5,197.71	5,075.37	27.02	26.81	-110.59	-522.21	930.66	113.30	60.22	53.07	2.135		
5,300.00	5,165.33	5,302.32	5,172.66	27.56	27.37	-110.84	-533.72	950.59	115.63	61.49	54.14	2.136		
5,400.00	5,262.36	5,402.35	5,269.94	28.10	27.90	-111.08	-545.23	970.52	117.96	62.79	55.17	2.138		
5,500.00	5,359.39	5,502.38	5,367.23	28.64	28.43	-111.31	-556.74	990.45	120.30	64.09	56.21	2.140		
5,600.00	5,456.42	5,602.41	5,464.51	29.18	28.96	-111.53	-568.25	1,010.39	122.64	65.39	57.25	2.142		
5,700.00	5,553.45	5,702.43	5,561.80	29.72	29.49	-111.74	-579.75	1,030.32	124.98	66.69	58.29	2.144		
5,800.00	5,650.47	5,802.46	5,659.09	30.27	30.03	-111.94	-591.26	1,050.25	127.32	68.00	59.33	2.146		
5,900.00	5,747.50	5,897.51	5,756.37	30.81	30.53	-112.14	-602.77	1,070.18	129.67	69.33	60.34	2.149		
6,000.00	5,844.53	6,002.52	5,853.66	31.35	31.09	-112.33	-614.28	1,090.11	132.01	70.61	61.40	2.150		
6,100.00	5,941.56	6,102.55	5,950.95	31.89	31.62	-112.51	-625.78	1,110.05	134.36	71.92	62.44	2.152		
6,200.00	6,038.59	6,202.58	6,048.23	32.43	32.15	-112.69	-637.29	1,129.98	136.71	73.22	63.48	2.154		
6,300.00	6,135.62	6,297.40	6,145.52	32.97	32.66	-112.86	-648.80	1,149.91	139.05	74.56	64.49	2.156		
6,400.00	6,232.65	6,397.37	6,242.80	33.51	33.19	-113.03	-660.31	1,169.84	141.40	75.87	65.53	2.158		
6,500.00	6,329.68	6,497.34	6,340.09	34.06	33.72	-113.19	-671.82	1,189.77	143.76	77.19	66.57	2.159		
6,600.00	6,426.71	6,599.97	6,440.76	34.60	34.23	-113.26	-683.51	1,209.38	145.38	77.97	67.41	2.157		
6,655.36	6,480.43	6,655.88	6,496.29	34.90	34.45	-118.97	-689.66	1,207.21	145.73	78.17	67.57	2.157		
6,700.00	6,524.01	6,699.91	6,540.01	35.13	34.60	-134.88	-694.35	1,205.19	146.50	78.92	67.58	2.168		
6,750.00	6,573.29	6,748.48	6,587.97	35.36	34.76	-161.48	-699.35	1,199.45	148.27	80.72	67.55	2.195		
6,800.00	6,622.76	6,796.30	6,634.64	35.56	34.90	164.23	-704.06	1,190.23	150.93	83.47	67.46	2.237		
6,850.00	6,672.13	6,843.41	6,679.84	35.73	35.05	135.09	-708.46	1,177.73	154.38	87.09	67.30	2.294		
6,900.00	6,721.08	6,889.86	6,723.40	35.88	35.21	116.11	-712.55	1,162.16	158.54	91.48	67.06	2.364		
6,950.00	6,769.31	6,935.70	6,765.18	36.03	35.37	103.77	-716.32	1,143.71	163.27	96.55	66.73	2.447		
7,000.00	6,816.53	6,980.97	6,805.06	36.18	35.54	95.12	-719.76	1,122.57	168.46	102.16	66.30	2.541		
7,050.00	6,862.44	7,025.72	6,842.92	36.34	35.72	88.64	-722.88	1,098.94	173.98	108.20	65.78	2.645		
7,100.00	6,906.77	7,069.99	6,878.67	36.50	35.92	83.55	-725.66	1,073.00	179.72	114.52	65.20	2.756		
7,150.00	6,949.23	7,113.81	6,912.22	36.68	36.13	79.44	-728.11	1,044.93	185.59	120.99	64.60	2.873		
7,200.00	6,989.58	7,157.24	6,943.50	36.87	36.36	76.05	-730.23	1,014.90	191.47	127.48	63.99	2.992		
7,250.00	7,027.55	7,200.30	6,972.46	37.09	36.61	73.23	-732.02	983.08	197.29	133.85	63.44	3.110		
7,300.00	7,062.91	7,243.04	6,999.02	37.32	36.88	70.88	-733.47	949.64	202.98	139.98	63.00	3.222		
7,350.00	7,095.45	7,285.49	7,023.14	37.59	37.18	68.91	-734.59	914.73	208.46	145.77	62.69	3.325		
7,400.00	7,124.97	7,327.69	7,044.78	37.88	37.50	67.28	-735.39	878.53	213.68	151.12	62.56	3.416		
7,450.00	7,151.28	7,369.67	7,063.90	38.21	37.85	65.95	-735.86	841.16	218.59	155.95	62.64	3.489		
7,500.00	7,174.22	7,411.46	7,080.46	38.58	38.23	64.87	-736.00	802.80	223.15	160.18	62.96	3.544		
7,550.00	7,193.65	7,453.10	7,094.45	38.98	38.63	64.04	-735.83	763.59	227.32	163.78	63.54	3.578		
7,600.00	7,209.45	7,494.61	7,105.83	39.43	39.05	63.42	-735.34	723.68	231.08	166.71	64.37	3.590		
7,650.00	7,221.52	7,536.04	7,114.58	39.91	39.51	63.00	-734.54	683.20	234.40	168.94	65.46	3.581		
7,700.00	7,229.79	7,577.40	7,120.69	40.42	39.98	62.78	-733.44	642.32	237.27	170.49	66.78	3.553		
7,750.00	7,234.21	7,618.73	7,124.15	40.97	40.47	62.74	-732.03	601.16	239.66	171.35	68.31	3.508		
7,780.56	7,235.00	7,643.99	7,124.95	41.32	40.77	62.80	-731.02	575.94	240.90	171.55	69.34	3.474		
7,800.00	7,235.04	7,662.11	7,125.03	41.54	41.00	62.90	-730.24	557.83	241.71	171.78	69.92	3.457		
7,900.00	7,235.26	7,762.00	7,125.26	42.82	42.35	63.42	-725.93	458.04	246.00	173.19	72.81	3.379		
8,000.00	7,235.47	7,861.88	7,125.50	44.25	43.83	63.92	-721.63	358.25	250.30	174.35	75.95	3.296		
8,100.00	7,235.68	7,961.77	7,125.74	45.82	45.46	64.40	-717.32	258.46	254.63	175.28	79.35	3.209		
8,200.00	7,235.90	8,061.65	7,125.98	47.52	47.20	64.87	-713.02	158.67	258.97	176.01	82.96	3.122		
8,300.00	7,236.11	8,161.53	7,126.22	49.34	49.06	65.32	-708.71	58.88	263.34	176.56	86.78	3.035		
8,400.00	7,236.32	8,261.42	7,126.46	51.25	51.02	65.75	-704.40	-40.91	267.71	176.94	90.77	2.949		
8,500.00	7,236.54	8,361.30	7,126.70	53.26	53.06	66.18	-700.10	-140.71	272.10	177.18	94.92	2.867		
8,600.00	7,236.75	8,461.19	7,126.94	55.34	55.17	66.58	-695.79	-240.50	276.51	177.30	99.21	2.787		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Falken 9-11 PAD - Falken 33N-9C-L - OH - Plan #1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,236.96	8,561.07	7,127.18	57.50	57.35	66.98	-691.48	-340.29	280.93	177.30	103.63	2.711		
8,800.00	7,237.17	8,660.95	7,127.42	59.71	59.59	67.36	-687.18	-440.08	285.36	177.20	108.16	2.638		
8,900.00	7,237.39	8,768.20	7,127.68	61.98	62.05	67.68	-683.63	-547.26	288.89	176.25	112.64	2.565		
9,000.00	7,237.60	8,875.00	7,127.94	64.29	64.54	67.72	-683.76	-654.06	289.22	172.27	116.95	2.473		
9,100.00	7,237.81	8,975.00	7,128.17	66.65	66.90	67.69	-684.74	-754.05	288.78	167.36	121.41	2.378		
9,200.00	7,238.03	9,075.00	7,128.41	69.05	69.31	67.66	-685.72	-854.05	288.33	162.39	125.93	2.290		
9,300.00	7,238.24	9,175.00	7,128.65	71.48	71.74	67.62	-686.70	-954.04	287.88	157.37	130.51	2.206		
9,400.00	7,238.45	9,275.00	7,128.89	73.95	74.21	67.59	-687.68	-1,054.03	287.43	152.29	135.15	2.127		
9,500.00	7,238.67	9,375.00	7,129.13	76.44	76.71	67.56	-688.67	-1,154.03	286.98	147.16	139.83	2.052		
9,600.00	7,238.88	9,475.00	7,129.37	78.96	79.23	67.53	-689.65	-1,254.02	286.54	141.99	144.55	1.982		
9,700.00	7,239.09	9,574.99	7,129.61	81.50	81.77	67.50	-690.63	-1,354.02	286.09	136.78	149.31	1.916		
9,800.00	7,239.30	9,674.99	7,129.85	84.06	84.33	67.47	-691.61	-1,454.01	285.64	131.54	154.10	1.854		
9,900.00	7,239.52	9,774.99	7,130.09	86.64	86.91	67.44	-692.59	-1,554.00	285.19	126.27	158.92	1.795		
10,000.00	7,239.73	9,874.99	7,130.33	89.23	89.51	67.40	-693.58	-1,654.00	284.74	120.97	163.77	1.739		
10,100.00	7,239.94	9,974.99	7,130.57	91.85	92.13	67.37	-694.56	-1,753.99	284.30	115.65	168.65	1.686		
10,200.00	7,240.16	10,074.99	7,130.81	94.47	94.75	67.34	-695.54	-1,853.98	283.85	110.30	173.55	1.636		
10,300.00	7,240.37	10,174.99	7,131.05	97.11	97.39	67.31	-696.52	-1,953.98	283.40	104.94	178.47	1.588		
10,400.00	7,240.58	10,274.99	7,131.29	99.76	100.05	67.28	-697.50	-2,053.97	282.96	99.55	183.41	1.543		
10,500.00	7,240.80	10,374.99	7,131.53	102.43	102.71	67.25	-698.48	-2,153.97	282.51	94.15	188.36	1.500 Level 3		
10,600.00	7,241.01	10,474.98	7,131.77	105.10	105.39	67.21	-699.47	-2,253.96	282.06	88.73	193.33	1.459 Level 3		
10,700.00	7,241.22	10,574.98	7,132.01	107.79	108.07	67.18	-700.45	-2,353.95	281.61	83.30	198.32	1.420 Level 3		
10,800.00	7,241.43	10,674.98	7,132.25	110.48	110.76	67.15	-701.43	-2,453.95	281.17	77.85	203.32	1.383 Level 3		
10,900.00	7,241.65	10,774.98	7,132.49	113.18	113.46	67.12	-702.41	-2,553.94	280.72	72.39	208.33	1.348 Level 3		
11,000.00	7,241.86	10,874.98	7,132.73	115.89	116.17	67.08	-703.39	-2,653.93	280.27	66.93	213.35	1.314 Level 3		
11,100.00	7,242.07	10,974.98	7,132.97	118.60	118.89	67.05	-704.38	-2,753.93	279.83	61.45	218.38	1.281 Level 3		
11,200.00	7,242.29	11,074.98	7,133.21	121.32	121.61	67.02	-705.36	-2,853.92	279.38	55.96	223.42	1.250 Level 3		
11,300.00	7,242.50	11,174.98	7,133.45	124.05	124.34	66.98	-706.34	-2,953.92	278.94	50.47	228.47	1.221 Level 2		
11,400.00	7,242.71	11,274.98	7,133.68	126.78	127.07	66.95	-707.32	-3,053.91	278.49	44.97	233.52	1.193 Level 2		
11,500.00	7,242.93	11,374.97	7,133.92	129.52	129.81	66.92	-708.30	-3,153.90	278.04	39.46	238.58	1.165 Level 2		
11,600.00	7,243.14	11,474.97	7,134.16	132.27	132.56	66.88	-709.28	-3,253.90	277.60	33.94	243.65	1.139 Level 2		
11,700.00	7,243.35	11,574.97	7,134.40	135.02	135.30	66.85	-710.27	-3,353.89	277.15	28.42	248.73	1.114 Level 2		
11,800.00	7,243.57	11,674.97	7,134.64	137.77	138.06	66.82	-711.25	-3,453.88	276.71	22.90	253.81	1.090 Level 2		
11,900.00	7,243.78	11,774.97	7,134.88	140.53	140.82	66.78	-712.23	-3,553.88	276.26	17.37	258.89	1.067 Level 2		
12,000.00	7,243.99	11,874.97	7,135.12	143.29	143.58	66.75	-713.21	-3,653.87	275.81	11.83	263.98	1.045 Level 2		
12,100.00	7,244.20	11,974.97	7,135.36	146.05	146.34	66.72	-714.19	-3,753.87	275.37	6.29	269.07	1.023 Level 2		
12,200.00	7,244.42	12,074.97	7,135.60	148.82	149.11	66.68	-715.18	-3,853.86	274.92	0.75	274.17	1.003 Level 2		
12,300.00	7,244.63	12,174.96	7,135.84	151.60	151.88	66.65	-716.16	-3,953.85	274.48	-4.79	279.27	0.983 Level 1		
12,400.00	7,244.84	12,274.96	7,136.08	154.37	154.66	66.61	-717.14	-4,053.85	274.03	-10.34	284.37	0.964 Level 1		
12,500.00	7,245.06	12,374.96	7,136.32	157.15	157.44	66.58	-718.12	-4,153.84	273.59	-15.89	289.48	0.945 Level 1		
12,600.00	7,245.27	12,474.96	7,136.56	159.93	160.22	66.55	-719.10	-4,253.83	273.14	-21.44	294.58	0.927 Level 1		
12,700.00	7,245.48	12,574.96	7,136.80	162.71	163.00	66.51	-720.08	-4,353.83	272.70	-26.99	299.69	0.910 Level 1		
12,800.00	7,245.70	12,674.96	7,137.04	165.50	165.78	66.48	-721.07	-4,453.82	272.25	-32.55	304.80	0.893 Level 1		
12,900.00	7,245.91	12,774.96	7,137.28	168.29	168.57	66.44	-722.05	-4,553.82	271.81	-38.11	309.91	0.877 Level 1		
13,000.00	7,246.12	12,874.96	7,137.52	171.08	171.36	66.41	-723.03	-4,653.81	271.36	-43.66	315.03	0.861 Level 1		
13,100.00	7,246.33	12,974.96	7,137.76	173.87	174.16	66.37	-724.01	-4,753.80	270.92	-49.22	320.14	0.846 Level 1		
13,200.00	7,246.55	13,074.95	7,138.00	176.67	176.95	66.34	-724.99	-4,853.80	270.47	-54.78	325.25	0.832 Level 1		
13,300.00	7,246.76	13,174.95	7,138.24	179.47	179.75	66.30	-725.98	-4,953.79	270.03	-60.34	330.37	0.817 Level 1		
13,400.00	7,246.97	13,274.95	7,138.48	182.27	182.55	66.27	-726.96	-5,053.78	269.58	-65.90	335.49	0.804 Level 1		
13,500.00	7,247.19	13,374.95	7,138.72	185.07	185.35	66.23	-727.94	-5,153.78	269.14	-71.46	340.60	0.790 Level 1		
13,600.00	7,247.40	13,474.95	7,138.96	187.87	188.15	66.20	-728.92	-5,253.77	268.70	-77.02	345.72	0.777 Level 1		
13,700.00	7,247.61	13,574.95	7,139.19	190.68	190.95	66.16	-729.90	-5,353.77	268.25	-82.58	350.83	0.765 Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 33N-9C-L - OH - Plan #1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD+IFR1													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.83	13,674.95	7,139.43	193.48	193.76	66.12	-730.89	-5,453.76	267.81	-88.14	355.95	0.752	Level 1	
13,900.00	7,248.04	13,774.95	7,139.67	196.29	196.56	66.09	-731.87	-5,553.75	267.36	-93.70	361.07	0.740	Level 1	
14,000.00	7,248.25	13,874.95	7,139.91	199.10	199.37	66.05	-732.85	-5,653.75	266.92	-99.26	366.18	0.729	Level 1	
14,100.00	7,248.46	13,974.94	7,140.15	201.91	202.18	66.02	-733.83	-5,753.74	266.48	-104.82	371.29	0.718	Level 1	
14,200.00	7,248.68	14,074.94	7,140.39	204.72	204.99	65.98	-734.81	-5,853.73	266.03	-110.38	376.41	0.707	Level 1	
14,300.00	7,248.89	14,174.94	7,140.63	207.53	207.81	65.94	-735.79	-5,953.73	265.59	-115.93	381.52	0.696	Level 1	
14,400.00	7,249.10	14,274.94	7,140.87	210.35	210.62	65.91	-736.78	-6,053.72	265.15	-121.49	386.63	0.686	Level 1	
14,500.00	7,249.32	14,374.94	7,141.11	213.16	213.43	65.87	-737.76	-6,153.72	264.70	-127.04	391.75	0.676	Level 1	
14,600.00	7,249.53	14,474.94	7,141.35	215.98	216.25	65.83	-738.74	-6,253.71	264.26	-132.59	396.86	0.666	Level 1	
14,700.00	7,249.74	14,574.94	7,141.59	218.80	219.07	65.80	-739.72	-6,353.70	263.82	-138.15	401.96	0.656	Level 1	
14,800.00	7,249.96	14,674.94	7,141.83	221.62	221.88	65.76	-740.70	-6,453.70	263.38	-143.70	407.07	0.647	Level 1	
14,900.00	7,250.17	14,774.94	7,142.07	224.44	224.70	65.72	-741.69	-6,553.69	262.93	-149.25	412.18	0.638	Level 1	
15,000.00	7,250.38	14,874.93	7,142.31	227.26	227.52	65.69	-742.67	-6,653.69	262.49	-154.79	417.28	0.629	Level 1	
15,100.00	7,250.59	14,974.93	7,142.55	230.08	230.34	65.65	-743.65	-6,753.68	262.05	-160.34	422.38	0.620	Level 1	
15,200.00	7,250.81	15,074.93	7,142.79	232.90	233.16	65.61	-744.63	-6,853.67	261.61	-165.88	427.49	0.612	Level 1	
15,300.00	7,251.02	15,174.93	7,143.03	235.72	235.99	65.57	-745.61	-6,953.67	261.16	-171.42	432.59	0.604	Level 1	
15,400.00	7,251.23	15,274.93	7,143.27	238.55	238.81	65.54	-746.59	-7,053.66	260.72	-176.96	437.68	0.596	Level 1	
15,500.00	7,251.45	15,374.93	7,143.51	241.37	241.63	65.50	-747.58	-7,153.65	260.28	-182.50	442.78	0.588	Level 1	
15,600.00	7,251.66	15,474.93	7,143.75	244.20	244.46	65.46	-748.56	-7,253.65	259.84	-188.04	447.87	0.580	Level 1	
15,700.00	7,251.87	15,574.93	7,143.99	247.03	247.28	65.42	-749.54	-7,353.64	259.39	-193.57	452.97	0.573	Level 1	
15,800.00	7,252.09	15,674.93	7,144.23	249.85	250.11	65.38	-750.52	-7,453.64	258.95	-199.10	458.06	0.565	Level 1	
15,900.00	7,252.30	15,774.92	7,144.47	252.68	252.94	65.35	-751.50	-7,553.63	258.51	-204.63	463.14	0.558	Level 1	
16,000.00	7,252.51	15,874.92	7,144.70	255.51	255.76	65.31	-752.49	-7,653.62	258.07	-210.16	468.23	0.551	Level 1	
16,100.00	7,252.72	15,974.92	7,144.94	258.34	258.59	65.27	-753.47	-7,753.62	257.63	-215.68	473.31	0.544	Level 1	
16,200.00	7,252.94	16,074.92	7,145.18	261.17	261.42	65.23	-754.45	-7,853.61	257.19	-221.20	478.39	0.538	Level 1	
16,300.00	7,253.15	16,174.92	7,145.42	264.00	264.25	65.19	-755.43	-7,953.60	256.75	-226.72	483.47	0.531	Level 1	
16,400.00	7,253.36	16,274.92	7,145.66	266.83	267.08	65.15	-756.41	-8,053.60	256.31	-232.24	488.55	0.525	Level 1	
16,500.00	7,253.58	16,374.92	7,145.90	269.66	269.91	65.11	-757.40	-8,153.59	255.86	-237.76	493.62	0.518	Level 1	
16,600.00	7,253.79	16,474.92	7,146.14	272.50	272.74	65.07	-758.38	-8,253.59	255.42	-243.27	498.69	0.512	Level 1	
16,700.00	7,254.00	16,574.92	7,146.38	275.33	275.57	65.03	-759.36	-8,353.58	254.98	-248.78	503.76	0.506	Level 1	
16,800.00	7,254.22	16,674.91	7,146.62	278.16	278.40	64.99	-760.34	-8,453.57	254.54	-254.28	508.82	0.500	Level 1	
16,900.00	7,254.43	16,774.91	7,146.86	281.00	281.24	64.95	-761.32	-8,553.57	254.10	-259.78	513.89	0.494	Level 1	
17,000.00	7,254.64	16,874.91	7,147.10	283.83	284.07	64.91	-762.30	-8,653.56	253.66	-265.29	518.95	0.489	Level 1	
17,100.00	7,254.85	16,974.91	7,147.34	286.67	286.90	64.87	-763.29	-8,753.55	253.22	-270.78	524.00	0.483	Level 1	
17,200.00	7,255.07	17,074.91	7,147.58	289.50	289.74	64.83	-764.27	-8,853.55	252.78	-276.28	529.06	0.478	Level 1	
17,300.00	7,255.28	17,174.91	7,147.82	292.34	292.57	64.79	-765.25	-8,953.54	252.34	-281.77	534.11	0.472	Level 1	
17,400.00	7,255.49	17,274.91	7,148.06	295.17	295.41	64.75	-766.23	-9,053.54	251.90	-287.26	539.16	0.467	Level 1	
17,500.00	7,255.71	17,374.91	7,148.30	298.01	298.24	64.71	-767.21	-9,153.53	251.46	-292.74	544.20	0.462	Level 1	
17,600.00	7,255.92	17,474.91	7,148.54	300.85	301.08	64.67	-768.20	-9,253.52	251.02	-298.22	549.25	0.457	Level 1	
17,700.00	7,256.13	17,574.90	7,148.78	303.68	303.92	64.63	-769.18	-9,353.52	250.58	-303.70	554.28	0.452	Level 1	
17,800.00	7,256.35	17,674.90	7,149.02	306.52	306.75	64.59	-770.16	-9,453.51	250.14	-309.18	559.32	0.447	Level 1	
17,900.00	7,256.56	17,774.90	7,149.26	309.36	309.59	64.55	-771.14	-9,553.50	249.71	-314.65	564.35	0.442	Level 1	
18,000.00	7,256.77	17,874.90	7,149.50	312.20	312.43	64.51	-772.12	-9,653.50	249.27	-320.12	569.38	0.438	Level 1	
18,100.00	7,256.98	17,974.90	7,149.74	315.04	315.26	64.47	-773.10	-9,753.49	248.83	-325.58	574.41	0.433	Level 1	
18,200.00	7,257.20	18,074.90	7,149.98	317.88	318.10	64.43	-774.09	-9,853.49	248.39	-331.04	579.43	0.429	Level 1	
18,300.00	7,257.41	18,174.90	7,150.21	320.72	320.94	64.38	-775.07	-9,953.48	247.95	-336.50	584.45	0.424	Level 1	
18,400.00	7,257.62	18,274.90	7,150.45	323.56	323.78	64.34	-776.05	-10,053.47	247.51	-341.95	589.47	0.420	Level 1	
18,500.00	7,257.84	18,374.90	7,150.69	326.40	326.62	64.30	-777.03	-10,153.47	247.07	-347.41	594.48	0.416	Level 1	
18,600.00	7,258.05	18,474.89	7,150.93	329.24	329.46	64.26	-778.01	-10,253.46	246.64	-352.85	599.49	0.411	Level 1	
18,700.00	7,258.26	18,574.89	7,151.17	332.08	332.30	64.22	-779.00	-10,353.45	246.20	-358.30	604.49	0.407	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 33N-9C-L - OH - Plan #1													<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1													<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance				Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,800.00	7,258.48	18,674.89	7,151.41	334.92	335.14	64.17	-779.98	-10,453.45	245.76	-363.73	609.49	0.403 Level 1		
18,900.00	7,258.69	18,774.89	7,151.65	337.76	337.98	64.13	-780.96	-10,553.44	245.32	-369.17	614.49	0.399 Level 1		
19,000.00	7,258.90	18,874.89	7,151.89	340.60	340.82	64.09	-781.94	-10,653.44	244.88	-374.60	619.49	0.395 Level 1		
19,046.19	7,259.00	18,921.08	7,152.00	341.92	342.13	64.07	-782.39	-10,699.62	244.68	-377.11	621.79	0.394 Level 1, ES, SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 34C-9-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-30.24	-0.28	30.24					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-30.24	-0.28	30.24	23.67	6.57	4.603		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-30.24	-0.28	30.24	23.56	6.67	4.531		
300.00	300.00	300.00	300.00	3.44	3.44	-179.47	-30.24	-0.28	30.24	23.35	6.89	4.389 CC		
400.00	399.98	399.25	399.23	3.60	3.60	55.96	-31.48	0.91	30.50	23.30	7.20	4.237		
500.00	499.84	498.49	498.33	3.79	3.79	57.20	-35.21	4.46	31.27	23.68	7.59	4.120		
600.00	599.45	597.72	597.18	4.03	4.02	59.14	-41.43	10.38	32.60	24.54	8.07	4.042		
700.00	698.70	696.93	695.66	4.30	4.29	61.60	-50.12	18.65	34.52	25.90	8.61	4.008		
800.00	797.47	796.11	793.64	4.61	4.59	64.37	-61.27	29.27	37.06	27.84	9.22	4.018		
900.00	895.62	895.27	890.99	4.95	4.93	67.26	-74.86	42.22	40.26	30.37	9.90	4.069		
1,000.00	993.06	994.39	987.61	5.33	5.30	70.11	-90.88	57.47	44.15	33.52	10.63	4.154		
1,100.00	1,090.08	1,093.44	1,083.33	5.74	5.71	70.97	-109.30	75.01	49.29	37.86	11.42	4.314		
1,200.00	1,187.11	1,207.13	1,178.68	6.17	6.21	69.18	-129.73	94.47	55.85	43.53	12.32	4.534		
1,300.00	1,284.14	1,307.37	1,274.26	6.61	6.68	67.56	-150.41	114.16	62.60	49.41	13.19	4.746		
1,400.00	1,381.17	1,407.61	1,369.85	7.07	7.17	66.26	-171.08	133.85	69.39	55.30	14.09	4.926		
1,500.00	1,478.20	1,507.86	1,465.43	7.55	7.67	65.19	-191.76	153.53	76.21	61.20	15.01	5.079		
1,600.00	1,575.23	1,591.90	1,561.02	8.03	8.10	64.30	-212.43	173.22	83.05	67.19	15.86	5.236		
1,700.00	1,672.26	1,708.34	1,656.60	8.52	8.71	63.54	-233.11	192.91	89.91	73.02	16.89	5.323		
1,800.00	1,769.29	1,808.58	1,752.19	9.01	9.24	62.89	-253.78	212.60	96.78	78.93	17.85	5.422		
1,900.00	1,866.32	1,908.82	1,847.78	9.51	9.77	62.33	-274.46	232.29	103.66	84.84	18.82	5.507		
2,000.00	1,963.35	1,990.93	1,943.36	10.02	10.22	61.83	-295.13	251.98	110.55	90.84	19.71	5.609		
2,100.00	2,060.38	2,109.31	2,038.95	10.53	10.86	61.40	-315.81	271.66	117.45	96.66	20.79	5.649		
2,200.00	2,157.41	2,209.55	2,134.53	11.04	11.42	61.01	-336.48	291.35	124.35	102.57	21.79	5.708		
2,300.00	2,254.44	2,309.79	2,230.12	11.56	11.97	60.67	-357.16	311.04	131.26	108.48	22.79	5.761		
2,400.00	2,351.47	2,389.97	2,325.70	12.07	12.42	60.35	-377.83	330.73	138.18	114.49	23.69	5.833		
2,500.00	2,448.50	2,489.73	2,421.29	12.59	12.97	60.07	-398.51	350.42	145.09	120.40	24.69	5.876		
2,600.00	2,545.53	2,589.48	2,516.87	13.12	13.53	59.82	-419.18	370.11	152.01	126.31	25.71	5.914		
2,700.00	2,642.56	2,689.24	2,612.46	13.64	14.09	59.58	-439.86	389.80	158.94	132.22	26.72	5.948		
2,800.00	2,739.59	2,789.00	2,708.05	14.17	14.66	59.37	-460.53	409.48	165.86	138.12	27.74	5.980		
2,900.00	2,836.62	2,886.76	2,803.63	14.69	15.22	59.17	-481.21	429.17	172.79	144.03	28.76	6.008		
3,000.00	2,933.65	2,988.52	2,899.22	15.22	15.79	58.99	-501.88	448.86	179.72	149.94	29.78	6.035		
3,100.00	3,030.68	3,088.27	2,994.80	15.75	16.36	58.82	-522.55	468.55	186.65	155.84	30.81	6.059		
3,200.00	3,127.71	3,188.03	3,090.39	16.28	16.92	58.66	-543.23	488.24	193.58	161.75	31.83	6.081		
3,300.00	3,224.74	3,287.79	3,185.97	16.82	17.49	58.52	-563.90	507.93	200.51	167.65	32.86	6.102		
3,400.00	3,321.76	3,387.55	3,281.56	17.35	18.06	58.38	-584.58	527.61	207.45	173.56	33.89	6.121		
3,500.00	3,418.79	3,487.31	3,377.14	17.88	18.64	58.26	-605.25	547.30	214.39	179.46	34.92	6.138		
3,600.00	3,515.82	3,587.06	3,472.73	18.42	19.21	58.14	-625.93	566.99	221.32	185.36	35.96	6.155		
3,700.00	3,612.85	3,686.82	3,568.31	18.95	19.78	58.02	-646.60	586.68	228.26	191.27	36.99	6.170		
3,800.00	3,709.88	3,786.58	3,663.90	19.49	20.36	57.92	-667.28	606.37	235.20	197.17	38.03	6.185		
3,900.00	3,806.91	3,886.34	3,759.49	20.02	20.93	57.82	-687.95	626.06	242.14	203.07	39.07	6.198		
4,000.00	3,903.94	3,986.10	3,855.07	20.56	21.50	57.73	-708.63	645.75	249.08	208.97	40.10	6.211		
4,100.00	4,000.97	4,085.85	3,950.66	21.09	22.08	57.64	-729.30	665.43	256.02	214.88	41.14	6.223		
4,200.00	4,098.00	4,185.61	4,046.24	21.63	22.66	57.55	-749.98	685.12	262.96	220.78	42.18	6.234		
4,300.00	4,195.03	4,285.37	4,141.83	22.17	23.23	57.47	-770.65	704.81	269.90	226.68	43.22	6.244		
4,400.00	4,292.06	4,385.13	4,237.41	22.71	23.81	57.40	-791.33	724.50	276.85	232.58	44.27	6.254		
4,500.00	4,389.09	4,484.89	4,333.00	23.25	24.39	57.33	-812.00	744.19	283.79	238.48	45.31	6.263		
4,600.00	4,486.12	4,584.64	4,428.58	23.78	24.96	57.26	-832.68	763.88	290.73	244.38	46.35	6.272		
4,700.00	4,583.15	4,684.40	4,524.17	24.32	25.54	57.19	-853.35	783.57	297.68	250.28	47.40	6.281		
4,800.00	4,680.18	4,784.16	4,619.75	24.86	26.12	57.13	-874.03	803.25	304.62	256.18	48.44	6.289		
4,900.00	4,777.21	4,883.92	4,715.34	25.40	26.70	57.07	-894.70	822.94	311.56	262.08	49.48	6.296		
5,000.00	4,874.24	4,983.68	4,810.93	25.94	27.28	57.01	-915.38	842.63	318.51	267.98	50.53	6.303		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 34C-9-L - OH - Plan #1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD+IFR1													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
5,100.00	4,971.27	5,083.44	4,906.51	26.48	27.85	56.96	-936.05	862.32	325.45	273.88	51.57	6.310		
5,200.00	5,068.30	5,183.19	5,002.10	27.02	28.43	56.91	-956.73	882.01	332.40	279.78	52.62	6.317		
5,300.00	5,165.33	5,282.95	5,097.68	27.56	29.01	56.86	-977.40	901.70	339.34	285.68	53.67	6.323		
5,400.00	5,262.36	5,382.71	5,193.27	28.10	29.59	56.81	-998.08	921.38	346.29	291.58	54.71	6.329		
5,500.00	5,359.39	5,482.47	5,288.85	28.64	30.17	56.76	-1,018.75	941.07	353.24	297.48	55.76	6.335		
5,600.00	5,456.42	5,582.23	5,384.44	29.18	30.75	56.72	-1,039.43	960.76	360.18	303.37	56.81	6.340		
5,700.00	5,553.45	5,681.98	5,480.02	29.72	31.33	56.68	-1,060.10	980.45	367.13	309.27	57.86	6.346		
5,800.00	5,650.47	5,781.74	5,575.61	30.27	31.91	56.63	-1,080.78	1,000.14	374.08	315.17	58.90	6.351		
5,900.00	5,747.50	5,881.50	5,671.19	30.81	32.49	56.59	-1,101.45	1,019.83	381.02	321.07	59.95	6.355		
6,000.00	5,844.53	5,981.26	5,766.78	31.35	33.07	56.56	-1,122.13	1,039.52	387.97	326.97	61.00	6.360		
6,100.00	5,941.56	6,081.02	5,862.37	31.89	33.65	56.52	-1,142.80	1,059.20	394.92	332.87	62.05	6.364		
6,200.00	6,038.59	6,180.77	5,957.95	32.43	34.23	56.48	-1,163.48	1,078.89	401.86	338.76	63.10	6.369		
6,300.00	6,135.62	6,280.53	6,053.54	32.97	34.82	56.45	-1,184.15	1,098.58	408.81	344.66	64.15	6.373		
6,400.00	6,232.65	6,380.29	6,149.12	33.51	35.40	56.42	-1,204.83	1,118.27	415.76	350.56	65.20	6.377		
6,500.00	6,329.68	6,480.05	6,244.71	34.06	35.98	56.38	-1,225.50	1,137.96	422.71	356.46	66.25	6.381		
6,600.00	6,426.71	6,579.81	6,340.29	34.60	36.56	56.35	-1,246.18	1,157.65	429.66	362.36	67.30	6.384		
6,655.36	6,480.43	6,635.04	6,393.21	34.90	36.88	56.34	-1,257.62	1,168.55	433.50	365.62	67.88	6.386		
6,700.00	6,524.01	6,679.53	6,435.84	35.13	37.14	44.20	-1,266.85	1,177.33	436.54	368.23	68.31	6.390		
6,750.00	6,573.29	6,729.10	6,483.34	35.36	37.43	21.26	-1,277.12	1,187.11	439.82	371.12	68.70	6.402		
6,800.00	6,622.76	6,777.68	6,530.15	35.56	37.70	-9.78	-1,287.24	1,195.19	443.11	374.11	68.99	6.422		
6,850.00	6,672.13	6,826.74	6,577.89	35.73	37.94	-35.87	-1,297.55	1,199.63	446.50	377.23	69.27	6.446		
6,900.00	6,721.08	6,876.40	6,626.43	35.88	38.15	-52.03	-1,308.02	1,200.29	449.97	380.45	69.53	6.472		
6,950.00	6,769.31	6,926.70	6,675.48	36.03	38.34	-61.81	-1,318.60	1,197.00	453.51	383.71	69.79	6.498		
7,000.00	6,816.53	6,977.66	6,724.76	36.18	38.50	-68.17	-1,329.21	1,189.65	457.07	387.00	70.07	6.523		
7,050.00	6,862.44	7,029.31	6,773.96	36.34	38.65	-72.63	-1,339.80	1,178.11	460.64	390.27	70.38	6.546		
7,100.00	6,906.77	7,081.64	6,822.72	36.50	38.79	-75.95	-1,350.27	1,162.29	464.19	393.48	70.70	6.565		
7,150.00	6,949.23	7,134.69	6,870.68	36.68	38.93	-78.54	-1,360.57	1,142.13	467.67	396.61	71.06	6.581		
7,200.00	6,989.58	7,188.46	6,917.45	36.87	39.08	-80.63	-1,370.59	1,117.61	471.06	399.61	71.45	6.593		
7,250.00	7,027.55	7,242.93	6,962.60	37.09	39.23	-82.35	-1,380.26	1,088.73	474.33	402.44	71.89	6.598		
7,300.00	7,062.91	7,298.12	7,005.71	37.32	39.40	-83.80	-1,389.47	1,055.57	477.42	405.05	72.37	6.597		
7,350.00	7,095.45	7,353.98	7,046.34	37.59	39.59	-85.03	-1,398.14	1,018.24	480.31	407.40	72.91	6.588		
7,400.00	7,124.97	7,410.50	7,084.02	37.88	39.81	-86.08	-1,406.16	976.92	482.96	409.42	73.54	6.568		
7,450.00	7,151.28	7,467.63	7,118.33	38.21	40.06	-86.97	-1,413.44	931.84	485.33	411.07	74.26	6.536		
7,500.00	7,174.22	7,525.33	7,148.82	38.58	40.35	-87.72	-1,419.89	883.30	487.39	412.31	75.09	6.491		
7,550.00	7,193.65	7,583.54	7,175.11	38.98	40.69	-88.35	-1,425.43	831.69	489.12	413.08	76.04	6.432		
7,600.00	7,209.45	7,642.18	7,196.83	39.43	41.08	-88.85	-1,429.97	777.43	490.48	413.35	77.13	6.359		
7,650.00	7,221.52	7,701.17	7,213.66	39.91	41.52	-89.25	-1,433.45	721.02	491.45	413.09	78.35	6.272		
7,700.00	7,229.79	7,760.43	7,225.36	40.42	42.02	-89.53	-1,435.82	663.00	492.01	412.30	79.71	6.172		
7,750.00	7,234.21	7,819.87	7,231.75	40.97	42.57	-89.71	-1,437.04	603.94	492.16	410.99	81.18	6.063		
7,780.56	7,235.00	7,856.24	7,232.99	41.32	42.93	-89.76	-1,437.21	567.60	492.05	409.93	82.12	5.992		
7,800.00	7,235.04	7,876.07	7,233.04	41.54	43.13	-89.77	-1,437.17	547.77	491.91	409.29	82.62	5.954		
7,900.00	7,235.26	7,976.07	7,233.29	42.82	44.27	-89.77	-1,436.96	447.77	491.19	405.84	85.35	5.755		
8,000.00	7,235.47	8,076.06	7,233.54	44.25	45.58	-89.77	-1,436.75	347.77	490.47	402.11	88.36	5.551		
8,100.00	7,235.68	8,176.06	7,233.79	45.82	47.05	-89.78	-1,436.54	247.78	489.75	398.13	91.62	5.345		
8,200.00	7,235.90	8,276.06	7,234.04	47.52	48.65	-89.78	-1,436.32	147.78	489.03	393.91	95.12	5.141		
8,300.00	7,236.11	8,376.06	7,234.29	49.34	50.39	-89.79	-1,436.11	47.78	488.31	389.49	98.82	4.941		
8,400.00	7,236.32	8,476.05	7,234.54	51.25	52.23	-89.79	-1,435.90	-52.21	487.59	384.88	102.71	4.747		
8,500.00	7,236.54	8,576.05	7,234.78	53.26	54.17	-89.79	-1,435.69	-152.21	486.87	380.10	106.76	4.560		
8,600.00	7,236.75	8,676.05	7,235.03	55.34	56.20	-89.80	-1,435.48	-252.21	486.15	375.18	110.96	4.381		
8,700.00	7,236.96	8,776.05	7,235.28	57.50	58.31	-89.80	-1,435.27	-352.21	485.43	370.13	115.29	4.210		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 34C-9-L - OH - Plan #1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD+IFR1													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	8,876.04	7,235.53	59.71	60.48	-89.80	-1,435.05	-452.20	484.71	364.97	119.74	4.048		
8,900.00	7,237.39	8,976.04	7,235.78	61.98	62.71	-89.81	-1,434.84	-552.20	483.99	359.69	124.29	3.894		
9,000.00	7,237.60	9,076.04	7,236.03	64.29	65.00	-89.81	-1,434.63	-652.20	483.27	354.33	128.94	3.748		
9,100.00	7,237.81	9,176.04	7,236.28	66.65	67.33	-89.82	-1,434.42	-752.19	482.55	348.88	133.67	3.610		
9,200.00	7,238.03	9,276.03	7,236.52	69.05	69.70	-89.82	-1,434.21	-852.19	481.83	343.36	138.47	3.480		
9,300.00	7,238.24	9,376.03	7,236.77	71.48	72.11	-89.82	-1,434.00	-952.19	481.11	337.77	143.34	3.356		
9,400.00	7,238.45	9,476.03	7,237.02	73.95	74.55	-89.83	-1,433.78	-1,052.18	480.39	332.12	148.27	3.240		
9,500.00	7,238.67	9,576.03	7,237.27	76.44	77.02	-89.83	-1,433.57	-1,152.18	479.67	326.41	153.25	3.130		
9,600.00	7,238.88	9,676.02	7,237.52	78.96	79.52	-89.84	-1,433.36	-1,252.18	478.95	320.66	158.29	3.026		
9,700.00	7,239.09	9,776.02	7,237.77	81.50	82.04	-89.84	-1,433.15	-1,352.17	478.23	314.86	163.37	2.927		
9,800.00	7,239.30	9,876.02	7,238.02	84.06	84.59	-89.84	-1,432.94	-1,452.17	477.51	309.02	168.49	2.834		
9,900.00	7,239.52	9,976.02	7,238.27	86.64	87.16	-89.85	-1,432.72	-1,552.17	476.79	303.14	173.65	2.746		
10,000.00	7,239.73	10,076.01	7,238.51	89.23	89.74	-89.85	-1,432.51	-1,652.16	476.07	297.23	178.84	2.662		
10,100.00	7,239.94	10,176.01	7,238.76	91.85	92.34	-89.86	-1,432.30	-1,752.16	475.35	291.28	184.06	2.583		
10,200.00	7,240.16	10,276.01	7,239.01	94.47	94.96	-89.86	-1,432.09	-1,852.16	474.63	285.31	189.32	2.507		
10,300.00	7,240.37	10,376.00	7,239.26	97.11	97.59	-89.86	-1,431.88	-1,952.16	473.91	279.31	194.59	2.435		
10,400.00	7,240.58	10,476.00	7,239.51	99.76	100.23	-89.87	-1,431.67	-2,052.15	473.19	273.29	199.90	2.367		
10,500.00	7,240.80	10,576.00	7,239.76	102.43	102.89	-89.87	-1,431.45	-2,152.15	472.47	267.24	205.22	2.302		
10,600.00	7,241.01	10,676.00	7,240.01	105.10	105.55	-89.88	-1,431.24	-2,252.15	471.74	261.18	210.57	2.240		
10,700.00	7,241.22	10,775.99	7,240.25	107.79	108.23	-89.88	-1,431.03	-2,352.14	471.02	255.09	215.93	2.181		
10,800.00	7,241.43	10,875.99	7,240.50	110.48	110.91	-89.89	-1,430.82	-2,452.14	470.30	248.99	221.31	2.125		
10,900.00	7,241.65	10,975.99	7,240.75	113.18	113.61	-89.89	-1,430.61	-2,552.14	469.58	242.87	226.71	2.071		
11,000.00	7,241.86	11,075.99	7,241.00	115.89	116.31	-89.89	-1,430.40	-2,652.13	468.86	236.74	232.13	2.020		
11,100.00	7,242.07	11,175.98	7,241.25	118.60	119.02	-89.90	-1,430.18	-2,752.13	468.14	230.59	237.56	1.971		
11,200.00	7,242.29	11,275.98	7,241.50	121.32	121.74	-89.90	-1,429.97	-2,852.13	467.42	224.43	243.00	1.924		
11,300.00	7,242.50	11,375.98	7,241.75	124.05	124.46	-89.91	-1,429.76	-2,952.12	466.70	218.25	248.45	1.878		
11,400.00	7,242.71	11,475.98	7,242.00	126.78	127.19	-89.91	-1,429.55	-3,052.12	465.98	212.07	253.92	1.835		
11,500.00	7,242.93	11,575.97	7,242.24	129.52	129.92	-89.92	-1,429.34	-3,152.12	465.26	205.87	259.39	1.794		
11,600.00	7,243.14	11,675.97	7,242.49	132.27	132.66	-89.92	-1,429.13	-3,252.11	464.54	199.66	264.88	1.754		
11,700.00	7,243.35	11,775.97	7,242.74	135.02	135.41	-89.92	-1,428.91	-3,352.11	463.82	193.45	270.38	1.715		
11,800.00	7,243.57	11,875.97	7,242.99	137.77	138.16	-89.93	-1,428.70	-3,452.11	463.10	187.22	275.88	1.679		
11,900.00	7,243.78	11,975.96	7,243.24	140.53	140.91	-89.93	-1,428.49	-3,552.10	462.38	180.99	281.40	1.643		
12,000.00	7,243.99	12,075.96	7,243.49	143.29	143.67	-89.94	-1,428.28	-3,652.10	461.66	174.75	286.92	1.609		
12,100.00	7,244.20	12,175.96	7,243.74	146.05	146.44	-89.94	-1,428.07	-3,752.10	460.94	168.50	292.45	1.576		
12,200.00	7,244.42	12,275.96	7,243.98	148.82	149.20	-89.95	-1,427.85	-3,852.10	460.22	162.24	297.99	1.544		
12,300.00	7,244.63	12,375.95	7,244.23	151.60	151.97	-89.95	-1,427.64	-3,952.09	459.50	155.98	303.53	1.514		
12,400.00	7,244.84	12,475.95	7,244.48	154.37	154.75	-89.95	-1,427.43	-4,052.09	458.78	149.71	309.08	1.484 Level 3		
12,500.00	7,245.06	12,575.95	7,244.73	157.15	157.52	-89.96	-1,427.22	-4,152.09	458.06	143.43	314.63	1.456 Level 3		
12,600.00	7,245.27	12,675.95	7,244.98	159.93	160.30	-89.96	-1,427.01	-4,252.08	457.34	137.15	320.20	1.428 Level 3		
12,700.00	7,245.48	12,775.94	7,245.23	162.71	163.08	-89.97	-1,426.80	-4,352.08	456.62	130.86	325.76	1.402 Level 3		
12,800.00	7,245.70	12,875.94	7,245.48	165.50	165.87	-89.97	-1,426.58	-4,452.08	455.90	124.57	331.34	1.376 Level 3		
12,900.00	7,245.91	12,975.94	7,245.73	168.29	168.66	-89.98	-1,426.37	-4,552.07	455.18	118.27	336.91	1.351 Level 3		
13,000.00	7,246.12	13,075.93	7,245.97	171.08	171.45	-89.98	-1,426.16	-4,652.07	454.46	111.97	342.49	1.327 Level 3		
13,100.00	7,246.33	13,175.93	7,246.22	173.87	174.24	-89.99	-1,425.95	-4,752.07	453.74	105.66	348.08	1.304 Level 3		
13,200.00	7,246.55	13,275.93	7,246.47	176.67	177.03	-89.99	-1,425.74	-4,852.06	453.02	99.35	353.67	1.281 Level 3		
13,300.00	7,246.76	13,375.93	7,246.72	179.47	179.83	-89.99	-1,425.53	-4,952.06	452.30	93.04	359.27	1.259 Level 3		
13,400.00	7,246.97	13,475.92	7,246.97	182.27	182.63	-90.00	-1,425.31	-5,052.06	451.58	86.72	364.86	1.238 Level 2		
13,500.00	7,247.19	13,575.92	7,247.22	185.07	185.43	-90.00	-1,425.10	-5,152.05	450.86	80.40	370.47	1.217 Level 2		
13,600.00	7,247.40	13,675.92	7,247.47	187.87	188.23	-90.01	-1,424.89	-5,252.05	450.14	74.07	376.07	1.197 Level 2		
13,700.00	7,247.61	13,775.92	7,247.71	190.68	191.03	-90.01	-1,424.68	-5,352.05	449.42	67.74	381.68	1.177 Level 2		
13,800.00	7,247.83	13,875.91	7,247.96	193.48	193.84	-90.02	-1,424.47	-5,452.05	448.70	61.41	387.29	1.159 Level 2		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
13,900.00	7,248.04	13,975.91	7,248.21	196.29	196.65	-90.02	-1,424.25	-5,552.04	447.98	55.08	392.91	1.140	Level 2	
14,000.00	7,248.25	14,075.91	7,248.46	199.10	199.46	-90.03	-1,424.04	-5,652.04	447.26	48.74	398.53	1.122	Level 2	
14,100.00	7,248.46	14,175.91	7,248.71	201.91	202.27	-90.03	-1,423.83	-5,752.04	446.54	42.40	404.15	1.105	Level 2	
14,200.00	7,248.68	14,275.90	7,248.96	204.72	205.08	-90.04	-1,423.62	-5,852.03	445.82	36.05	409.77	1.088	Level 2	
14,300.00	7,248.89	14,375.90	7,249.21	207.53	207.89	-90.04	-1,423.41	-5,952.03	445.10	29.71	415.40	1.072	Level 2	
14,400.00	7,249.10	14,475.90	7,249.46	210.35	210.71	-90.04	-1,423.20	-6,052.03	444.38	23.36	421.02	1.055	Level 2	
14,500.00	7,249.32	14,575.90	7,249.70	213.16	213.52	-90.05	-1,422.98	-6,152.02	443.66	17.01	426.66	1.040	Level 2	
14,600.00	7,249.53	14,675.89	7,249.95	215.98	216.34	-90.05	-1,422.77	-6,252.02	442.94	10.66	432.29	1.025	Level 2	
14,700.00	7,249.74	14,775.89	7,250.20	218.80	219.16	-90.06	-1,422.56	-6,352.02	442.22	4.30	437.92	1.010	Level 2	
14,800.00	7,249.96	14,875.89	7,250.45	221.62	221.97	-90.06	-1,422.35	-6,452.01	441.50	-2.06	443.56	0.995	Level 1	
14,900.00	7,250.17	14,975.89	7,250.70	224.44	224.79	-90.07	-1,422.14	-6,552.01	440.78	-8.42	449.20	0.981	Level 1	
15,000.00	7,250.38	15,075.88	7,250.95	227.26	227.62	-90.07	-1,421.93	-6,652.01	440.06	-14.78	454.84	0.968	Level 1	
15,100.00	7,250.59	15,175.88	7,251.20	230.08	230.44	-90.08	-1,421.71	-6,752.00	439.34	-21.14	460.49	0.954	Level 1	
15,200.00	7,250.81	15,275.88	7,251.44	232.90	233.26	-90.08	-1,421.50	-6,852.00	438.62	-27.51	466.13	0.941	Level 1	
15,300.00	7,251.02	15,375.88	7,251.69	235.72	236.08	-90.09	-1,421.29	-6,952.00	437.90	-33.87	471.78	0.928	Level 1	
15,400.00	7,251.23	15,475.87	7,251.94	238.55	238.91	-90.09	-1,421.08	-7,052.00	437.18	-40.24	477.43	0.916	Level 1	
15,500.00	7,251.45	15,575.87	7,252.19	241.37	241.74	-90.10	-1,420.87	-7,151.99	436.46	-46.61	483.08	0.904	Level 1	
15,600.00	7,251.66	15,675.87	7,252.44	244.20	244.56	-90.10	-1,420.66	-7,251.99	435.74	-52.99	488.73	0.892	Level 1	
15,700.00	7,251.87	15,775.86	7,252.69	247.03	247.39	-90.11	-1,420.44	-7,351.99	435.02	-59.36	494.38	0.880	Level 1	
15,800.00	7,252.09	15,875.86	7,252.94	249.85	250.22	-90.11	-1,420.23	-7,451.98	434.30	-65.73	500.04	0.869	Level 1	
15,900.00	7,252.30	15,975.86	7,253.19	252.68	253.05	-90.12	-1,420.02	-7,551.98	433.58	-72.11	505.70	0.857	Level 1	
16,000.00	7,252.51	16,075.86	7,253.43	255.51	255.88	-90.12	-1,419.81	-7,651.98	432.86	-78.49	511.35	0.847	Level 1	
16,100.00	7,252.72	16,175.85	7,253.68	258.34	258.71	-90.13	-1,419.60	-7,751.97	432.14	-84.87	517.01	0.836	Level 1	
16,200.00	7,252.94	16,275.85	7,253.93	261.17	261.54	-90.13	-1,419.38	-7,851.97	431.43	-91.25	522.67	0.825	Level 1	
16,300.00	7,253.15	16,375.85	7,254.18	264.00	264.37	-90.14	-1,419.17	-7,951.97	430.71	-97.63	528.33	0.815	Level 1	
16,400.00	7,253.36	16,475.85	7,254.43	266.83	267.20	-90.14	-1,418.96	-8,051.96	429.99	-104.01	534.00	0.805	Level 1	
16,500.00	7,253.58	16,575.84	7,254.68	269.66	270.03	-90.15	-1,418.75	-8,151.96	429.27	-110.40	539.66	0.795	Level 1	
16,600.00	7,253.79	16,675.84	7,254.93	272.50	272.87	-90.15	-1,418.54	-8,251.96	428.55	-116.78	545.33	0.786	Level 1	
16,700.00	7,254.00	16,775.84	7,255.18	275.33	275.70	-90.16	-1,418.33	-8,351.95	427.83	-123.17	550.99	0.776	Level 1	
16,800.00	7,254.22	16,875.84	7,255.42	278.16	278.53	-90.16	-1,418.11	-8,451.95	427.11	-129.55	556.66	0.767	Level 1	
16,900.00	7,254.43	16,975.83	7,255.67	281.00	281.37	-90.17	-1,417.90	-8,551.95	426.39	-135.94	562.33	0.758	Level 1	
17,000.00	7,254.64	17,075.83	7,255.92	283.83	284.20	-90.17	-1,417.69	-8,651.95	425.67	-142.33	568.00	0.749	Level 1	
17,100.00	7,254.85	17,175.83	7,256.17	286.67	287.04	-90.18	-1,417.48	-8,751.94	424.95	-148.72	573.67	0.741	Level 1	
17,200.00	7,255.07	17,275.83	7,256.42	289.50	289.88	-90.18	-1,417.27	-8,851.94	424.23	-155.11	579.34	0.732	Level 1	
17,300.00	7,255.28	17,375.82	7,256.67	292.34	292.71	-90.19	-1,417.06	-8,951.94	423.51	-161.51	585.01	0.724	Level 1	
17,400.00	7,255.49	17,475.82	7,256.92	295.17	295.55	-90.19	-1,416.84	-9,051.93	422.79	-167.90	590.69	0.716	Level 1	
17,500.00	7,255.71	17,575.82	7,257.16	298.01	298.39	-90.20	-1,416.63	-9,151.93	422.07	-174.29	596.36	0.708	Level 1	
17,600.00	7,255.92	17,675.82	7,257.41	300.85	301.23	-90.20	-1,416.42	-9,251.93	421.35	-180.69	602.03	0.700	Level 1	
17,700.00	7,256.13	17,775.81	7,257.66	303.68	304.07	-90.21	-1,416.21	-9,351.92	420.63	-187.08	607.71	0.692	Level 1	
17,800.00	7,256.35	17,875.81	7,257.91	306.52	306.90	-90.21	-1,416.00	-9,451.92	419.91	-193.48	613.39	0.685	Level 1	
17,900.00	7,256.56	17,975.81	7,258.16	309.36	309.74	-90.22	-1,415.79	-9,551.92	419.19	-199.88	619.06	0.677	Level 1	
18,000.00	7,256.77	18,075.81	7,258.41	312.20	312.58	-90.22	-1,415.57	-9,651.91	418.47	-206.27	624.74	0.670	Level 1	
18,100.00	7,256.98	18,175.80	7,258.66	315.04	315.42	-90.23	-1,415.36	-9,751.91	417.75	-212.67	630.42	0.663	Level 1	
18,200.00	7,257.20	18,275.80	7,258.91	317.88	318.26	-90.23	-1,415.15	-9,851.91	417.03	-219.07	636.10	0.656	Level 1	
18,300.00	7,257.41	18,375.80	7,259.15	320.72	321.11	-90.24	-1,414.94	-9,951.90	416.31	-225.47	641.78	0.649	Level 1	
18,400.00	7,257.62	18,475.79	7,259.40	323.56	323.95	-90.24	-1,414.73	-10,051.90	415.59	-231.87	647.46	0.642	Level 1	
18,500.00	7,257.84	18,575.79	7,259.65	326.40	326.79	-90.25	-1,414.51	-10,151.90	414.87	-238.27	653.14	0.635	Level 1	
18,600.00	7,258.05	18,675.79	7,259.90	329.24	329.63	-90.26	-1,414.30	-10,251.90	414.15	-244.67	658.82	0.629	Level 1	
18,700.00	7,258.26	18,775.79	7,260.15	332.08	332.47	-90.26	-1,414.09	-10,351.89	413.43	-251.08	664.50	0.622	Level 1	
18,800.00	7,258.48	18,875.78	7,260.40	334.92	335.32	-90.27	-1,413.88	-10,451.89	412.71	-257.48	670.19	0.616	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 34C-9-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,900.00	7,258.69	18,975.78	7,260.65	337.76	338.16	-90.27	-1,413.67	-10,551.89	411.99	-263.88	675.87	0.610	Level 1	
19,000.00	7,258.90	19,075.78	7,260.89	340.60	341.00	-90.28	-1,413.46	-10,651.88	411.27	-270.29	681.56	0.603	Level 1	
19,044.13	7,259.00	19,119.91	7,261.00	341.86	342.26	-90.28	-1,413.36	-10,696.01	410.95	-273.11	684.06	0.601	Level 1, ES, SF	
19,046.19	7,259.00	19,118.22	7,261.00	341.92	342.21	-90.28	-1,413.37	-10,694.32	410.95	-273.08	684.03	0.601	Level 1	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 34N-9C-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-179.65	-45.17	-0.28	45.17					
100.00	100.00	100.00	100.00	3.28	3.28	-179.65	-45.17	-0.28	45.17	38.60	6.57	6.876		
200.00	200.00	200.00	200.00	3.34	3.34	-179.65	-45.17	-0.28	45.17	38.50	6.67	6.768 CC		
300.00	300.00	298.82	298.80	3.44	3.44	178.92	-46.42	0.88	46.45	39.56	6.89	6.741		
400.00	399.98	397.51	397.35	3.60	3.59	51.54	-50.17	4.34	49.32	42.12	7.21	6.844		
500.00	499.84	496.07	495.54	3.79	3.79	50.04	-56.39	10.10	52.75	45.13	7.62	6.927		
600.00	599.45	594.49	593.25	4.03	4.02	49.28	-65.08	18.13	56.67	48.56	8.11	6.990		
700.00	698.70	692.79	690.36	4.30	4.30	49.14	-76.22	28.42	61.06	52.39	8.67	7.042		
800.00	797.47	790.94	786.76	4.61	4.62	49.50	-89.77	40.95	65.90	56.60	9.29	7.091		
900.00	895.62	888.94	882.32	4.95	4.97	50.25	-105.71	55.68	71.19	61.23	9.97	7.142		
1,000.00	993.06	986.80	976.94	5.33	5.36	51.28	-124.01	72.60	76.96	66.27	10.70	7.194		
1,100.00	1,090.08	1,085.32	1,071.38	5.74	5.79	51.82	-144.62	91.65	84.07	72.60	11.47	7.329		
1,200.00	1,187.11	1,185.03	1,166.79	6.17	6.25	52.04	-165.89	111.32	91.64	79.35	12.28	7.460		
1,300.00	1,284.14	1,284.74	1,262.20	6.61	6.74	52.23	-187.17	130.98	99.21	86.07	13.13	7.555		
1,400.00	1,381.17	1,384.45	1,357.61	7.07	7.23	52.39	-208.44	150.65	106.77	92.77	14.01	7.623		
1,500.00	1,478.20	1,484.17	1,453.02	7.55	7.75	52.52	-229.71	170.31	114.34	99.44	14.91	7.670		
1,600.00	1,575.23	1,583.88	1,548.44	8.03	8.27	52.65	-250.99	189.98	121.91	106.09	15.83	7.703		
1,700.00	1,672.26	1,683.59	1,643.85	8.52	8.80	52.75	-272.26	209.64	129.48	112.72	16.76	7.725		
1,800.00	1,769.29	1,783.31	1,739.26	9.01	9.33	52.85	-293.54	229.31	137.05	119.34	17.71	7.738		
1,900.00	1,866.32	1,883.02	1,834.67	9.51	9.88	52.93	-314.81	248.97	144.62	125.95	18.67	7.745		
2,000.00	1,963.35	1,982.73	1,930.08	10.02	10.42	53.01	-336.08	268.64	152.19	132.55	19.64	7.748		
2,100.00	2,060.38	2,082.44	2,025.49	10.53	10.98	53.08	-357.36	288.30	159.77	139.14	20.62	7.747		
2,200.00	2,157.41	2,182.16	2,120.90	11.04	11.53	53.14	-378.63	307.97	167.34	145.73	21.61	7.744		
2,300.00	2,254.44	2,281.87	2,216.32	11.56	12.09	53.20	-399.90	327.63	174.91	152.31	22.60	7.738		
2,400.00	2,351.47	2,381.58	2,311.73	12.07	12.65	53.26	-421.18	347.30	182.48	158.88	23.60	7.732		
2,500.00	2,448.50	2,481.29	2,407.14	12.59	13.21	53.30	-442.45	366.96	190.05	165.45	24.61	7.724		
2,600.00	2,545.53	2,581.01	2,502.55	13.12	13.78	53.35	-463.72	386.63	197.63	172.01	25.61	7.715		
2,700.00	2,642.56	2,680.72	2,597.96	13.64	14.35	53.39	-485.00	406.29	205.20	178.57	26.63	7.707		
2,800.00	2,739.59	2,780.43	2,693.37	14.17	14.92	53.43	-506.27	425.96	212.77	185.13	27.64	7.697		
2,900.00	2,836.62	2,880.15	2,788.79	14.69	15.49	53.47	-527.54	445.62	220.34	191.68	28.66	7.688		
3,000.00	2,933.65	2,979.86	2,884.20	15.22	16.06	53.50	-548.82	465.29	227.92	198.23	29.68	7.679		
3,100.00	3,030.68	3,079.57	2,979.61	15.75	16.63	53.53	-570.09	484.95	235.49	204.78	30.71	7.669		
3,200.00	3,127.71	3,179.28	3,075.02	16.28	17.21	53.56	-591.36	504.62	243.06	211.33	31.73	7.660		
3,300.00	3,224.74	3,279.00	3,170.43	16.82	17.78	53.59	-612.64	524.28	250.63	217.87	32.76	7.651		
3,400.00	3,321.76	3,378.71	3,265.84	17.35	18.36	53.62	-633.91	543.95	258.21	224.42	33.79	7.641		
3,500.00	3,418.79	3,478.42	3,361.26	17.88	18.93	53.64	-655.18	563.61	265.78	230.96	34.82	7.633		
3,600.00	3,515.82	3,578.14	3,456.67	18.42	19.51	53.66	-676.46	583.28	273.35	237.50	35.85	7.624		
3,700.00	3,612.85	3,677.85	3,552.08	18.95	20.09	53.69	-697.73	602.94	280.92	244.04	36.89	7.615		
3,800.00	3,709.88	3,777.56	3,647.49	19.49	20.67	53.71	-719.00	622.61	288.50	250.57	37.93	7.607		
3,900.00	3,806.91	3,877.27	3,742.90	20.02	21.25	53.73	-740.28	642.27	296.07	257.11	38.96	7.599		
4,000.00	3,903.94	3,976.99	3,838.31	20.56	21.83	53.75	-761.55	661.94	303.64	263.64	40.00	7.591		
4,100.00	4,000.97	4,076.70	3,933.73	21.09	22.41	53.76	-782.82	681.60	311.22	270.18	41.04	7.583		
4,200.00	4,098.00	4,176.41	4,029.14	21.63	22.99	53.78	-804.10	701.27	318.79	276.71	42.08	7.576		
4,300.00	4,195.03	4,276.12	4,124.55	22.17	23.57	53.80	-825.37	720.93	326.36	283.24	43.12	7.569		
4,400.00	4,292.06	4,375.84	4,219.96	22.71	24.15	53.81	-846.64	740.60	333.94	289.77	44.16	7.562		
4,500.00	4,389.09	4,475.55	4,315.37	23.25	24.73	53.83	-867.92	760.26	341.51	296.30	45.21	7.555		
4,600.00	4,486.12	4,575.26	4,410.78	23.78	25.31	53.84	-889.19	779.93	349.08	302.83	46.25	7.548		
4,700.00	4,583.15	4,674.98	4,506.19	24.32	25.90	53.85	-910.46	799.59	356.66	309.36	47.29	7.542		
4,800.00	4,680.18	4,774.69	4,601.61	24.86	26.48	53.87	-931.74	819.26	364.23	315.89	48.34	7.535		
4,900.00	4,777.21	4,874.40	4,697.02	25.40	27.06	53.88	-953.01	838.92	371.80	322.42	49.38	7.529		
5,000.00	4,874.24	4,974.11	4,792.43	25.94	27.64	53.89	-974.28	858.59	379.38	328.95	50.43	7.523		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 34N-9C-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	5,073.83	4,887.84	26.48	28.23	53.90	-995.56	878.25	386.95	335.48	51.47	7.517		
5,200.00	5,068.30	5,173.54	4,983.25	27.02	28.81	53.91	-1,016.83	897.92	394.52	342.00	52.52	7.512		
5,300.00	5,165.33	5,273.25	5,078.66	27.56	29.40	53.93	-1,038.10	917.58	402.10	348.53	53.57	7.506		
5,400.00	5,262.36	5,372.97	5,174.08	28.10	29.98	53.94	-1,059.38	937.24	409.67	355.05	54.62	7.501		
5,500.00	5,359.39	5,472.68	5,269.49	28.64	30.56	53.95	-1,080.65	956.91	417.24	361.58	55.66	7.496		
5,600.00	5,456.42	5,572.39	5,364.90	29.18	31.15	53.96	-1,101.92	976.57	424.82	368.10	56.71	7.491		
5,700.00	5,553.45	5,672.10	5,460.31	29.72	31.73	53.96	-1,123.20	996.24	432.39	374.63	57.76	7.486		
5,800.00	5,650.47	5,771.82	5,555.72	30.27	32.32	53.97	-1,144.47	1,015.90	439.96	381.15	58.81	7.481		
5,900.00	5,747.50	5,871.53	5,651.13	30.81	32.90	53.98	-1,165.74	1,035.57	447.54	387.68	59.86	7.477		
6,000.00	5,844.53	5,971.24	5,746.55	31.35	33.49	53.99	-1,187.02	1,055.23	455.11	394.20	60.91	7.472		
6,100.00	5,941.56	6,070.95	5,841.96	31.89	34.07	54.00	-1,208.29	1,074.90	462.68	400.73	61.96	7.468		
6,200.00	6,038.59	6,170.67	5,937.37	32.43	34.66	54.01	-1,229.56	1,094.56	470.26	407.25	63.01	7.463		
6,300.00	6,135.62	6,270.38	6,032.78	32.97	35.24	54.01	-1,250.84	1,114.23	477.83	413.77	64.06	7.459		
6,400.00	6,232.65	6,370.09	6,128.19	33.51	35.83	54.02	-1,272.11	1,133.89	485.40	420.29	65.11	7.455		
6,500.00	6,329.68	6,469.81	6,223.60	34.06	36.41	54.03	-1,293.38	1,153.56	492.98	426.82	66.16	7.451		
6,600.00	6,426.71	6,569.52	6,319.02	34.60	37.00	54.04	-1,314.66	1,173.22	500.55	433.34	67.21	7.447		
6,655.36	6,480.43	6,624.72	6,371.84	34.90	37.32	54.04	-1,326.43	1,184.11	504.74	436.95	67.79	7.445		
6,700.00	6,524.01	6,668.67	6,414.03	35.13	37.57	54.07	-1,335.85	1,191.96	508.14	439.91	68.22	7.448		
6,750.00	6,573.29	6,717.73	6,461.61	35.36	37.82	54.07	-1,346.50	1,197.28	511.99	443.33	68.66	7.457		
6,800.00	6,622.76	6,766.85	6,509.51	35.56	38.04	-10.31	-1,357.26	1,198.83	515.87	446.83	69.04	7.472		
6,850.00	6,672.13	6,816.05	6,557.44	35.73	38.23	-35.48	-1,368.06	1,196.59	519.77	450.37	69.40	7.490		
6,900.00	6,721.08	6,865.33	6,605.13	35.88	38.40	-50.72	-1,378.85	1,190.55	523.65	453.92	69.74	7.509		
6,950.00	6,769.31	6,914.70	6,652.30	36.03	38.54	-59.60	-1,389.55	1,180.72	527.50	457.42	70.07	7.528		
7,000.00	6,816.53	6,964.17	6,698.67	36.18	38.67	-65.08	-1,400.11	1,167.15	531.28	460.86	70.42	7.544		
7,050.00	6,862.44	7,013.74	6,743.96	36.34	38.80	-68.69	-1,410.46	1,149.89	534.99	464.19	70.79	7.557		
7,100.00	6,906.77	7,063.41	6,787.88	36.50	38.93	-71.18	-1,420.53	1,129.01	538.58	467.39	71.19	7.566		
7,150.00	6,949.23	7,113.20	6,830.17	36.68	39.06	-72.98	-1,430.27	1,104.63	542.05	470.43	71.62	7.569		
7,200.00	6,989.58	7,163.11	6,870.56	36.87	39.20	-74.32	-1,439.62	1,076.87	545.37	473.28	72.09	7.565		
7,250.00	7,027.55	7,213.13	6,908.78	37.09	39.35	-75.33	-1,448.51	1,045.87	548.52	475.92	72.60	7.555		
7,300.00	7,062.91	7,263.28	6,944.58	37.32	39.52	-76.12	-1,456.89	1,011.79	551.48	478.30	73.17	7.536		
7,350.00	7,095.45	7,313.54	6,977.73	37.59	39.71	-76.74	-1,464.69	974.84	554.23	480.42	73.81	7.509		
7,400.00	7,124.97	7,363.93	7,008.00	37.88	39.92	-77.23	-1,471.88	935.22	556.76	482.25	74.51	7.472		
7,450.00	7,151.28	7,414.43	7,035.17	38.21	40.15	-77.62	-1,478.39	893.16	559.05	483.76	75.29	7.425		
7,500.00	7,174.22	7,465.05	7,059.05	38.58	40.42	-77.94	-1,484.18	848.92	561.08	484.93	76.15	7.368		
7,550.00	7,193.65	7,515.78	7,079.46	38.98	40.73	-78.19	-1,489.20	802.77	562.85	485.75	77.09	7.301		
7,600.00	7,209.45	7,566.61	7,096.24	39.43	41.07	-78.39	-1,493.43	754.99	564.33	486.22	78.11	7.224		
7,650.00	7,221.52	7,617.54	7,109.28	39.91	41.45	-78.56	-1,496.83	705.89	565.53	486.32	79.21	7.139		
7,700.00	7,229.79	7,668.56	7,118.45	40.42	41.88	-78.68	-1,499.37	655.78	566.43	486.05	80.38	7.047		
7,750.00	7,234.21	7,719.65	7,123.69	40.97	42.34	-78.77	-1,501.03	605.00	567.03	485.42	81.61	6.948		
7,780.56	7,235.00	7,750.92	7,124.93	41.32	42.63	-78.81	-1,501.60	573.76	567.24	484.86	82.38	6.885		
7,800.00	7,235.04	7,770.56	7,125.03	41.54	42.83	-78.82	-1,501.81	554.12	567.34	484.46	82.88	6.845		
7,900.00	7,235.26	7,870.56	7,125.27	42.82	43.94	-78.83	-1,502.81	454.13	567.82	482.23	85.59	6.635		
8,000.00	7,235.47	7,970.56	7,125.51	44.25	45.21	-78.84	-1,503.81	354.14	568.29	479.74	88.55	6.418		
8,100.00	7,235.68	8,070.56	7,125.75	45.82	46.65	-78.86	-1,504.82	254.14	568.77	477.00	91.77	6.198		
8,200.00	7,235.90	8,170.55	7,125.99	47.52	48.24	-78.87	-1,505.82	154.15	569.25	474.04	95.21	5.979		
8,300.00	7,236.11	8,270.55	7,126.23	49.34	49.96	-78.88	-1,506.82	54.16	569.73	470.88	98.85	5.764		
8,400.00	7,236.32	8,370.55	7,126.47	51.25	51.79	-78.89	-1,507.82	-45.84	570.21	467.54	102.67	5.554		
8,500.00	7,236.54	8,470.55	7,126.71	53.26	53.72	-78.90	-1,508.82	-145.83	570.69	464.04	106.65	5.351		
8,600.00	7,236.75	8,570.55	7,126.95	55.34	55.75	-78.92	-1,509.82	-245.82	571.17	460.40	110.77	5.157		
8,700.00	7,236.96	8,670.55	7,127.19	57.50	57.84	-78.93	-1,510.82	-345.82	571.65	456.63	115.01	4.970		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 34N-9C-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
8,800.00	7,237.17	8,770.55	7,127.43	59.71	60.01	-78.94	-1,511.83	-445.81	572.13	452.75	119.38	4.793		
8,900.00	7,237.39	8,870.55	7,127.67	61.98	62.24	-78.95	-1,512.83	-545.80	572.60	448.77	123.84	4.624		
9,000.00	7,237.60	8,970.54	7,127.91	64.29	64.52	-78.97	-1,513.83	-645.80	573.08	444.69	128.39	4.464		
9,100.00	7,237.81	9,070.54	7,128.15	66.65	66.84	-78.98	-1,514.83	-745.79	573.56	440.53	133.03	4.312		
9,200.00	7,238.03	9,170.54	7,128.39	69.05	69.21	-78.99	-1,515.83	-845.78	574.04	436.30	137.74	4.168		
9,300.00	7,238.24	9,270.54	7,128.63	71.48	71.62	-79.00	-1,516.83	-945.78	574.52	432.00	142.52	4.031		
9,400.00	7,238.45	9,370.54	7,128.87	73.95	74.06	-79.01	-1,517.84	-1,045.77	575.00	427.65	147.35	3.902		
9,500.00	7,238.67	9,470.54	7,129.11	76.44	76.53	-79.03	-1,518.84	-1,145.77	575.48	423.24	152.24	3.780		
9,600.00	7,238.88	9,570.54	7,129.35	78.96	79.03	-79.04	-1,519.84	-1,245.76	575.96	418.77	157.18	3.664		
9,700.00	7,239.09	9,670.54	7,129.59	81.50	81.55	-79.05	-1,520.84	-1,345.75	576.44	414.27	162.17	3.555		
9,800.00	7,239.30	9,770.54	7,129.83	84.06	84.09	-79.06	-1,521.84	-1,445.75	576.92	409.72	167.20	3.451		
9,900.00	7,239.52	9,870.53	7,130.07	86.64	86.66	-79.07	-1,522.84	-1,545.74	577.40	405.14	172.26	3.352		
10,000.00	7,239.73	9,970.53	7,130.30	89.23	89.24	-79.09	-1,523.85	-1,645.73	577.88	400.52	177.36	3.258		
10,100.00	7,239.94	10,070.53	7,130.54	91.85	91.84	-79.10	-1,524.85	-1,745.73	578.36	395.87	182.48	3.169		
10,200.00	7,240.16	10,170.53	7,130.78	94.47	94.45	-79.11	-1,525.85	-1,845.72	578.83	391.19	187.64	3.085		
10,300.00	7,240.37	10,270.53	7,131.02	97.11	97.08	-79.12	-1,526.85	-1,945.71	579.31	386.49	192.83	3.004		
10,400.00	7,240.58	10,370.53	7,131.26	99.76	99.72	-79.13	-1,527.85	-2,045.71	579.79	381.76	198.03	2.928		
10,500.00	7,240.80	10,470.53	7,131.50	102.43	102.37	-79.14	-1,528.85	-2,145.70	580.27	377.01	203.27	2.855		
10,600.00	7,241.01	10,570.53	7,131.74	105.10	105.04	-79.16	-1,529.85	-2,245.69	580.75	372.23	208.52	2.785		
10,700.00	7,241.22	10,670.52	7,131.98	107.79	107.71	-79.17	-1,530.86	-2,345.69	581.23	367.44	213.79	2.719		
10,800.00	7,241.43	10,770.52	7,132.22	110.48	110.39	-79.18	-1,531.86	-2,445.68	581.71	362.63	219.08	2.655		
10,900.00	7,241.65	10,870.52	7,132.46	113.18	113.09	-79.19	-1,532.86	-2,545.67	582.19	357.81	224.38	2.595		
11,000.00	7,241.86	10,970.52	7,132.70	115.89	115.79	-79.20	-1,533.86	-2,645.67	582.67	352.96	229.71	2.537		
11,100.00	7,242.07	11,070.52	7,132.94	118.60	118.49	-79.21	-1,534.86	-2,745.66	583.15	348.11	235.04	2.481		
11,200.00	7,242.29	11,170.52	7,133.18	121.32	121.21	-79.23	-1,535.86	-2,845.65	583.63	343.24	240.39	2.428		
11,300.00	7,242.50	11,270.52	7,133.42	124.05	123.93	-79.24	-1,536.87	-2,945.65	584.11	338.35	245.76	2.377		
11,400.00	7,242.71	11,370.52	7,133.66	126.78	126.65	-79.25	-1,537.87	-3,045.64	584.59	333.46	251.13	2.328		
11,500.00	7,242.93	11,470.51	7,133.90	129.52	129.39	-79.26	-1,538.87	-3,145.63	585.07	328.55	256.52	2.281		
11,600.00	7,243.14	11,570.51	7,134.14	132.27	132.12	-79.27	-1,539.87	-3,245.63	585.55	323.63	261.91	2.236		
11,700.00	7,243.35	11,670.51	7,134.38	135.02	134.87	-79.28	-1,540.87	-3,345.62	586.03	318.71	267.32	2.192		
11,800.00	7,243.57	11,770.51	7,134.62	137.77	137.62	-79.30	-1,541.87	-3,445.62	586.51	313.77	272.74	2.150		
11,900.00	7,243.78	11,870.51	7,134.86	140.53	140.37	-79.31	-1,542.87	-3,545.61	586.99	308.82	278.16	2.110		
12,000.00	7,243.99	11,970.51	7,135.10	143.29	143.12	-79.32	-1,543.88	-3,645.60	587.47	303.87	283.60	2.071		
12,100.00	7,244.20	12,070.51	7,135.34	146.05	145.88	-79.33	-1,544.88	-3,745.60	587.95	298.91	289.04	2.034		
12,200.00	7,244.42	12,170.51	7,135.58	148.82	148.65	-79.34	-1,545.88	-3,845.59	588.43	293.94	294.49	1.998		
12,300.00	7,244.63	12,270.50	7,135.82	151.60	151.41	-79.35	-1,546.88	-3,945.58	588.91	288.96	299.94	1.963		
12,400.00	7,244.84	12,370.50	7,136.06	154.37	154.18	-79.36	-1,547.88	-4,045.58	589.39	283.98	305.41	1.930		
12,500.00	7,245.06	12,470.50	7,136.30	157.15	156.96	-79.38	-1,548.88	-4,145.57	589.87	278.99	310.88	1.897		
12,600.00	7,245.27	12,570.50	7,136.54	159.93	159.73	-79.39	-1,549.89	-4,245.56	590.35	274.00	316.35	1.866		
12,700.00	7,245.48	12,670.50	7,136.78	162.71	162.51	-79.40	-1,550.89	-4,345.56	590.83	268.99	321.83	1.836		
12,800.00	7,245.70	12,770.50	7,137.02	165.50	165.30	-79.41	-1,551.89	-4,445.55	591.31	263.99	327.32	1.807		
12,900.00	7,245.91	12,870.50	7,137.26	168.29	168.08	-79.42	-1,552.89	-4,545.54	591.79	258.97	332.81	1.778		
13,000.00	7,246.12	12,970.50	7,137.50	171.08	170.87	-79.43	-1,553.89	-4,645.54	592.27	253.96	338.31	1.751		
13,100.00	7,246.33	13,070.50	7,137.74	173.87	173.66	-79.44	-1,554.89	-4,745.53	592.75	248.94	343.81	1.724		
13,200.00	7,246.55	13,170.49	7,137.98	176.67	176.45	-79.46	-1,555.89	-4,845.52	593.23	243.91	349.32	1.698		
13,300.00	7,246.76	13,270.49	7,138.22	179.47	179.24	-79.47	-1,556.90	-4,945.52	593.71	238.88	354.83	1.673		
13,400.00	7,246.97	13,370.49	7,138.46	182.27	182.04	-79.48	-1,557.90	-5,045.51	594.19	233.84	360.34	1.649		
13,500.00	7,247.19	13,470.49	7,138.70	185.07	184.84	-79.49	-1,558.90	-5,145.50	594.67	228.80	365.86	1.625		
13,600.00	7,247.40	13,570.49	7,138.94	187.87	187.63	-79.50	-1,559.90	-5,245.50	595.15	223.76	371.39	1.603		
13,700.00	7,247.61	13,670.49	7,139.18	190.68	190.44	-79.51	-1,560.90	-5,345.49	595.63	218.71	376.91	1.580		
13,800.00	7,247.83	13,770.49	7,139.42	193.48	193.24	-79.52	-1,561.90	-5,445.48	596.11	213.66	382.44	1.559		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.04	13,870.49	7,139.66	196.29	196.04	-79.53	-1,562.91	-5,545.48	596.59	208.61	387.98	1.538		
14,000.00	7,248.25	13,970.48	7,139.90	199.10	198.85	-79.54	-1,563.91	-5,645.47	597.07	203.55	393.51	1.517		
14,100.00	7,248.46	14,070.48	7,140.14	201.91	201.65	-79.56	-1,564.91	-5,745.47	597.55	198.49	399.05	1.497 Level 3		
14,200.00	7,248.68	14,170.48	7,140.38	204.72	204.46	-79.57	-1,565.91	-5,845.46	598.03	193.43	404.60	1.478 Level 3		
14,300.00	7,248.89	14,270.48	7,140.62	207.53	207.27	-79.58	-1,566.91	-5,945.45	598.51	188.37	410.14	1.459 Level 3		
14,400.00	7,249.10	14,370.48	7,140.86	210.35	210.08	-79.59	-1,567.91	-6,045.45	598.99	183.30	415.69	1.441 Level 3		
14,500.00	7,249.32	14,470.48	7,141.10	213.16	212.90	-79.60	-1,568.91	-6,145.44	599.47	178.22	421.24	1.423 Level 3		
14,600.00	7,249.53	14,570.48	7,141.33	215.98	215.71	-79.61	-1,569.92	-6,245.43	599.95	173.15	426.80	1.406 Level 3		
14,700.00	7,249.74	14,670.48	7,141.57	218.80	218.52	-79.62	-1,570.92	-6,345.43	600.43	168.07	432.36	1.389 Level 3		
14,800.00	7,249.96	14,770.47	7,141.81	221.62	221.34	-79.63	-1,571.92	-6,445.42	600.91	162.99	437.92	1.372 Level 3		
14,900.00	7,250.17	14,870.47	7,142.05	224.44	224.16	-79.64	-1,572.92	-6,545.41	601.39	157.91	443.48	1.356 Level 3		
15,000.00	7,250.38	14,970.47	7,142.29	227.26	226.97	-79.65	-1,573.92	-6,645.41	601.87	152.83	449.04	1.340 Level 3		
15,100.00	7,250.59	15,070.47	7,142.53	230.08	229.79	-79.67	-1,574.92	-6,745.40	602.35	147.74	454.61	1.325 Level 3		
15,200.00	7,250.81	15,170.47	7,142.77	232.90	232.61	-79.68	-1,575.93	-6,845.39	602.83	142.66	460.18	1.310 Level 3		
15,300.00	7,251.02	15,270.47	7,143.01	235.72	235.43	-79.69	-1,576.93	-6,945.39	603.31	137.57	465.75	1.295 Level 3		
15,400.00	7,251.23	15,370.47	7,143.25	238.55	238.25	-79.70	-1,577.93	-7,045.38	603.79	132.47	471.32	1.281 Level 3		
15,500.00	7,251.45	15,470.47	7,143.49	241.37	241.08	-79.71	-1,578.93	-7,145.37	604.27	127.38	476.90	1.267 Level 3		
15,600.00	7,251.66	15,570.46	7,143.73	244.20	243.90	-79.72	-1,579.93	-7,245.37	604.75	122.28	482.47	1.253 Level 3		
15,700.00	7,251.87	15,670.46	7,143.97	247.03	246.72	-79.73	-1,580.93	-7,345.36	605.24	117.19	488.05	1.240 Level 2		
15,800.00	7,252.09	15,770.46	7,144.21	249.85	249.55	-79.74	-1,581.93	-7,445.35	605.72	112.09	493.63	1.227 Level 2		
15,900.00	7,252.30	15,870.46	7,144.45	252.68	252.37	-79.75	-1,582.94	-7,545.35	606.20	106.98	499.21	1.214 Level 2		
16,000.00	7,252.51	15,970.46	7,144.69	255.51	255.20	-79.76	-1,583.94	-7,645.34	606.68	101.88	504.80	1.202 Level 2		
16,100.00	7,252.72	16,070.46	7,144.93	258.34	258.03	-79.77	-1,584.94	-7,745.33	607.16	96.78	510.38	1.190 Level 2		
16,200.00	7,252.94	16,170.46	7,145.17	261.17	260.85	-79.78	-1,585.94	-7,845.33	607.64	91.67	515.97	1.178 Level 2		
16,300.00	7,253.15	16,270.46	7,145.41	264.00	263.68	-79.80	-1,586.94	-7,945.32	608.12	86.56	521.56	1.166 Level 2		
16,400.00	7,253.36	16,370.45	7,145.65	266.83	266.51	-79.81	-1,587.94	-8,045.32	608.60	81.45	527.15	1.155 Level 2		
16,500.00	7,253.58	16,470.45	7,145.89	269.66	269.34	-79.82	-1,588.95	-8,145.31	609.08	76.34	532.74	1.143 Level 2		
16,600.00	7,253.79	16,570.45	7,146.13	272.50	272.17	-79.83	-1,589.95	-8,245.30	609.56	71.23	538.33	1.132 Level 2		
16,700.00	7,254.00	16,670.45	7,146.37	275.33	275.00	-79.84	-1,590.95	-8,345.30	610.04	66.12	543.93	1.122 Level 2		
16,800.00	7,254.22	16,770.45	7,146.61	278.16	277.83	-79.85	-1,591.95	-8,445.29	610.52	61.00	549.52	1.111 Level 2		
16,900.00	7,254.43	16,870.45	7,146.85	281.00	280.66	-79.86	-1,592.95	-8,545.28	611.00	55.89	555.12	1.101 Level 2		
17,000.00	7,254.64	16,970.45	7,147.09	283.83	283.49	-79.87	-1,593.95	-8,645.28	611.49	50.77	560.72	1.091 Level 2		
17,100.00	7,254.85	17,070.45	7,147.33	286.67	286.33	-79.88	-1,594.95	-8,745.27	611.97	45.65	566.32	1.081 Level 2		
17,200.00	7,255.07	17,170.45	7,147.57	289.50	289.16	-79.89	-1,595.96	-8,845.26	612.45	40.53	571.92	1.071 Level 2		
17,300.00	7,255.28	17,270.44	7,147.81	292.34	291.99	-79.90	-1,596.96	-8,945.26	612.93	35.41	577.52	1.061 Level 2		
17,400.00	7,255.49	17,370.44	7,148.05	295.17	294.83	-79.91	-1,597.96	-9,045.25	613.41	30.29	583.12	1.052 Level 2		
17,500.00	7,255.71	17,470.44	7,148.29	298.01	297.66	-79.92	-1,598.96	-9,145.24	613.89	25.16	588.73	1.043 Level 2		
17,600.00	7,255.92	17,570.44	7,148.53	300.85	300.49	-79.93	-1,599.96	-9,245.24	614.37	20.04	594.33	1.034 Level 2		
17,700.00	7,256.13	17,670.44	7,148.77	303.68	303.33	-79.94	-1,600.96	-9,345.23	614.85	14.91	599.94	1.025 Level 2		
17,800.00	7,256.35	17,770.44	7,149.01	306.52	306.17	-79.95	-1,601.97	-9,445.22	615.33	9.78	605.55	1.016 Level 2		
17,900.00	7,256.56	17,870.44	7,149.25	309.36	309.00	-79.96	-1,602.97	-9,545.22	615.81	4.66	611.16	1.008 Level 2		
18,000.00	7,256.77	17,970.44	7,149.49	312.20	311.84	-79.98	-1,603.97	-9,645.21	616.30	-0.47	616.77	0.999 Level 1		
18,100.00	7,256.98	18,070.43	7,149.73	315.04	314.67	-79.99	-1,604.97	-9,745.20	616.78	-5.60	622.38	0.991 Level 1		
18,200.00	7,257.20	18,170.43	7,149.97	317.88	317.51	-80.00	-1,605.97	-9,845.20	617.26	-10.73	627.99	0.983 Level 1		
18,300.00	7,257.41	18,270.43	7,150.21	320.72	320.35	-80.01	-1,606.97	-9,945.19	617.74	-15.87	633.60	0.975 Level 1		
18,400.00	7,257.62	18,370.43	7,150.45	323.56	323.19	-80.02	-1,607.97	-10,045.18	618.22	-21.00	639.22	0.967 Level 1		
18,500.00	7,257.84	18,470.43	7,150.69	326.40	326.02	-80.03	-1,608.98	-10,145.18	618.70	-26.13	644.83	0.959 Level 1		
18,600.00	7,258.05	18,570.43	7,150.93	329.24	328.86	-80.04	-1,609.98	-10,245.17	619.18	-31.27	650.45	0.952 Level 1		
18,700.00	7,258.26	18,670.43	7,151.17	332.08	331.70	-80.05	-1,610.98	-10,345.17	619.66	-36.40	656.07	0.945 Level 1		
18,800.00	7,258.48	18,770.43	7,151.41	334.92	334.54	-80.06	-1,611.98	-10,445.16	620.15	-41.54	661.68	0.937 Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Falken 34N-9C-L - OH - Plan #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N-S	Offset Wellbore Centre +E-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)						
18,900.00	7,258.69	18,870.42	7,151.65	337.76	337.38	-80.07	-1,612.98	-10,545.15	620.63	-46.68	667.30	0.930	Level 1				
19,000.00	7,258.90	18,970.42	7,151.89	340.60	340.22	-80.08	-1,613.98	-10,645.15	621.11	-51.81	672.92	0.923	Level 1				
19,046.19	7,259.00	19,016.61	7,152.00	341.92	341.53	-80.08	-1,614.45	-10,691.33	621.33	-54.19	675.52	0.920	Level 1, ES, SF				



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 4N-14A-S - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-89.98	-0.83	89.99					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-89.98	-0.83	89.99	83.42	6.57	13.698		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-89.98	-0.83	89.99	83.31	6.67	13.483		
300.00	300.00	300.00	300.00	3.44	3.44	-179.47	-89.98	-0.83	89.99	83.10	6.89	13.061	CC, ES	
400.00	399.98	397.38	397.36	3.60	3.59	55.87	-91.41	0.01	90.46	83.26	7.20	12.571		
500.00	499.84	494.73	494.58	3.79	3.78	56.86	-95.68	2.53	91.88	84.29	7.59	12.110		
600.00	599.45	592.02	591.51	4.03	4.00	58.44	-102.78	6.74	94.32	86.25	8.06	11.700		
700.00	698.70	689.23	688.03	4.30	4.26	60.51	-112.71	12.60	97.84	89.23	8.61	11.369		
800.00	797.47	786.33	784.00	4.61	4.55	62.95	-125.43	20.13	102.55	93.34	9.21	11.134		
900.00	895.62	883.29	879.27	4.95	4.88	65.62	-140.92	29.29	108.53	98.66	9.87	10.995		
1,000.00	993.06	980.10	973.73	5.33	5.24	68.40	-159.14	40.07	115.87	105.29	10.58	10.949		
1,100.00	1,090.08	1,076.73	1,067.25	5.74	5.62	70.59	-180.06	52.44	125.20	113.85	11.35	11.031		
1,200.00	1,187.11	1,173.05	1,159.60	6.17	6.04	71.45	-203.61	66.36	136.91	124.75	12.16	11.262		
1,300.00	1,284.14	1,268.85	1,250.48	6.61	6.50	71.24	-229.66	81.77	150.87	137.87	12.99	11.611		
1,400.00	1,381.17	1,363.91	1,339.62	7.07	6.98	70.26	-258.08	98.58	167.07	153.22	13.85	12.063		
1,500.00	1,478.20	1,458.04	1,426.76	7.55	7.49	68.75	-288.72	116.70	185.58	170.87	14.72	12.612		
1,600.00	1,575.23	1,554.77	1,515.43	8.03	8.04	67.03	-321.99	136.37	205.85	190.22	15.62	13.174		
1,700.00	1,672.26	1,652.51	1,605.00	8.52	8.63	65.59	-355.66	156.29	226.33	209.77	16.57	13.663		
1,800.00	1,769.29	1,750.24	1,694.56	9.01	9.23	64.38	-389.34	176.21	246.93	229.41	17.52	14.093		
1,900.00	1,866.32	1,847.98	1,784.12	9.51	9.84	63.37	-423.02	196.12	267.62	249.12	18.49	14.473		
2,000.00	1,963.35	1,945.71	1,873.68	10.02	10.46	62.49	-456.70	216.04	288.37	268.90	19.47	14.810		
2,100.00	2,060.38	2,043.45	1,963.24	10.53	11.09	61.74	-490.37	235.96	309.18	288.72	20.46	15.110		
2,200.00	2,157.41	2,141.18	2,052.80	11.04	11.73	61.08	-524.05	255.87	330.04	308.57	21.46	15.378		
2,300.00	2,254.44	2,238.92	2,142.36	11.56	12.37	60.50	-557.73	275.79	350.93	328.46	22.47	15.619		
2,400.00	2,351.47	2,336.65	2,231.92	12.07	13.02	59.98	-591.41	295.71	371.85	348.37	23.48	15.835		
2,500.00	2,448.50	2,434.39	2,321.49	12.59	13.67	59.52	-625.09	315.62	392.80	368.30	24.50	16.031		
2,600.00	2,545.53	2,532.12	2,411.05	13.12	14.33	59.11	-658.76	335.54	413.77	388.24	25.53	16.209		
2,700.00	2,642.56	2,629.86	2,500.61	13.64	14.99	58.73	-692.44	355.46	434.76	408.20	26.56	16.371		
2,800.00	2,739.59	2,727.59	2,590.17	14.17	15.65	58.39	-726.12	375.38	455.76	428.18	27.59	16.520		
2,900.00	2,836.62	2,825.33	2,679.73	14.69	16.32	58.08	-759.80	395.29	476.78	448.16	28.63	16.655		
3,000.00	2,933.65	2,923.06	2,769.29	15.22	16.99	57.80	-793.47	415.21	497.82	468.15	29.67	16.780		
3,100.00	3,030.68	3,020.79	2,858.85	15.75	17.66	57.54	-827.15	435.13	518.86	488.15	30.71	16.895		
3,200.00	3,127.71	3,118.53	2,948.41	16.28	18.33	57.30	-860.83	455.04	539.91	508.15	31.76	17.002		
3,300.00	3,224.74	3,216.26	3,037.98	16.82	19.00	57.08	-894.51	474.96	560.97	528.17	32.80	17.100		
3,400.00	3,321.76	3,314.00	3,127.54	17.35	19.68	56.87	-928.19	494.88	582.04	548.18	33.85	17.192		
3,500.00	3,418.79	3,411.73	3,217.10	17.88	20.35	56.68	-961.86	514.79	603.11	568.20	34.91	17.277		
3,600.00	3,515.82	3,509.47	3,306.66	18.42	21.03	56.50	-995.54	534.71	624.19	588.23	35.96	17.357		
3,700.00	3,612.85	3,607.20	3,396.22	18.95	21.71	56.33	-1,029.22	554.63	645.28	608.26	37.02	17.432		
3,800.00	3,709.88	3,704.94	3,485.78	19.49	22.39	56.18	-1,062.90	574.55	666.37	628.29	38.08	17.501		
3,900.00	3,806.91	3,802.67	3,575.34	20.02	23.07	56.03	-1,096.58	594.46	687.46	648.33	39.13	17.567		
4,000.00	3,903.94	3,900.41	3,664.90	20.56	23.75	55.89	-1,130.25	614.38	708.56	668.37	40.19	17.628		
4,100.00	4,000.97	4,001.86	3,754.47	21.09	24.46	55.76	-1,163.93	634.30	729.67	688.39	41.28	17.677		
4,200.00	4,098.00	4,095.88	3,844.03	21.63	25.12	55.64	-1,197.61	654.21	750.77	708.45	42.32	17.741		
4,300.00	4,195.03	4,193.61	3,933.59	22.17	25.80	55.52	-1,231.29	674.13	771.88	728.50	43.38	17.792		
4,400.00	4,292.06	4,291.35	4,023.15	22.71	26.48	55.41	-1,264.96	694.05	793.00	748.55	44.45	17.841		
4,500.00	4,389.09	4,389.08	4,112.71	23.25	27.17	55.31	-1,298.64	713.96	814.11	768.60	45.51	17.887		
4,600.00	4,486.12	4,486.82	4,202.27	23.78	27.85	55.21	-1,332.32	733.88	835.23	788.65	46.58	17.931		
4,700.00	4,583.15	4,584.55	4,291.83	24.32	28.54	55.11	-1,366.00	753.80	856.35	808.70	47.65	17.973		
4,800.00	4,680.18	4,682.29	4,381.39	24.86	29.22	55.02	-1,399.68	773.72	877.47	828.76	48.71	18.012		
4,900.00	4,777.21	4,780.02	4,470.96	25.40	29.91	54.94	-1,433.35	793.63	898.59	848.81	49.78	18.050		
5,000.00	4,874.24	4,877.76	4,560.52	25.94	30.59	54.86	-1,467.03	813.55	919.72	868.87	50.85	18.086		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 4N-14A-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
5,100.00	4,971.27	4,975.49	4,650.08	26.48	31.28	54.78	-1,500.71	833.47	940.85	888.92	51.92	18.120		
5,200.00	5,068.30	5,073.23	4,739.64	27.02	31.97	54.70	-1,534.39	853.38	961.98	908.98	52.99	18.153		
5,300.00	5,165.33	5,170.96	4,829.20	27.56	32.66	54.63	-1,568.06	873.30	983.11	929.04	54.06	18.184		
5,400.00	5,262.36	5,268.70	4,918.76	28.10	33.34	54.56	-1,601.74	893.22	1,004.24	949.10	55.14	18.214		
5,500.00	5,359.39	5,366.43	5,008.32	28.64	34.03	54.50	-1,635.42	913.13	1,025.37	969.16	56.21	18.242		
5,600.00	5,456.42	5,464.17	5,097.89	29.18	34.72	54.44	-1,669.10	933.05	1,046.51	989.23	57.28	18.270		
5,700.00	5,553.45	5,561.90	5,187.45	29.72	35.41	54.38	-1,702.78	952.97	1,067.64	1,009.29	58.35	18.296		
5,800.00	5,650.47	5,659.64	5,277.01	30.27	36.10	54.32	-1,736.45	972.89	1,088.78	1,029.35	59.43	18.321		
5,900.00	5,747.50	5,757.37	5,366.57	30.81	36.78	54.26	-1,770.13	992.80	1,109.92	1,049.41	60.50	18.345		
6,000.00	5,844.53	5,855.11	5,456.13	31.35	37.47	54.21	-1,803.81	1,012.72	1,131.05	1,069.48	61.58	18.369		
6,100.00	5,941.56	5,952.84	5,545.69	31.89	38.16	54.16	-1,837.49	1,032.64	1,152.19	1,089.54	62.65	18.391		
6,200.00	6,038.59	6,050.58	5,635.25	32.43	38.85	54.11	-1,871.17	1,052.55	1,173.33	1,109.61	63.72	18.413		
6,300.00	6,135.62	6,148.31	5,724.81	32.97	39.54	54.06	-1,904.84	1,072.47	1,194.48	1,129.68	64.80	18.433		
6,400.00	6,232.65	6,246.05	5,814.38	33.51	40.23	54.01	-1,938.52	1,092.39	1,215.62	1,149.74	65.88	18.453		
6,500.00	6,329.68	6,343.78	5,903.94	34.06	40.92	53.97	-1,972.20	1,112.30	1,236.76	1,169.81	66.95	18.473		
6,600.00	6,426.71	6,441.52	5,993.50	34.60	41.61	53.92	-2,005.88	1,132.22	1,257.90	1,189.88	68.03	18.491		
6,655.36	6,480.43	6,495.62	6,043.08	34.90	41.99	53.90	-2,024.52	1,143.25	1,269.61	1,200.99	68.62	18.501		
6,700.00	6,524.01	6,539.20	6,083.01	35.13	42.30	42.48	-2,039.54	1,152.13	1,279.04	1,209.96	69.08	18.515		
6,750.00	6,573.29	6,587.71	6,127.47	35.36	42.64	20.67	-2,056.25	1,162.01	1,289.57	1,220.04	69.54	18.545		
6,800.00	6,622.76	6,635.62	6,171.37	35.56	42.98	-9.14	-2,072.76	1,171.78	1,300.05	1,230.12	69.93	18.590		
6,850.00	6,672.13	6,682.63	6,214.45	35.73	43.31	-34.15	-2,088.96	1,181.36	1,310.50	1,240.22	70.28	18.647		
6,900.00	6,721.08	6,728.57	6,256.58	35.88	43.63	-49.36	-2,104.80	1,190.51	1,320.97	1,250.38	70.59	18.714		
6,950.00	6,769.31	6,775.12	6,299.71	36.03	43.93	-58.24	-2,121.00	1,197.13	1,331.48	1,260.58	70.89	18.781		
7,000.00	6,816.53	6,822.99	6,344.41	36.18	44.21	-63.73	-2,137.78	1,200.40	1,341.98	1,270.76	71.22	18.843		
7,050.00	6,862.44	6,872.34	6,390.61	36.34	44.47	-67.35	-2,155.10	1,200.02	1,352.40	1,280.83	71.57	18.897		
7,100.00	6,906.77	6,923.34	6,438.18	36.50	44.69	-69.89	-2,172.91	1,195.61	1,362.69	1,290.74	71.95	18.940		
7,150.00	6,949.23	6,976.17	6,486.95	36.68	44.87	-71.75	-2,191.15	1,186.76	1,372.77	1,300.41	72.36	18.971		
7,200.00	6,989.58	7,031.03	6,536.69	36.87	45.04	-73.16	-2,209.73	1,173.05	1,382.58	1,309.75	72.82	18.985		
7,250.00	7,027.55	7,088.10	6,587.08	37.09	45.17	-74.28	-2,228.52	1,153.99	1,392.02	1,318.69	73.34	18.981		
7,300.00	7,062.91	7,147.58	6,637.67	37.32	45.30	-75.19	-2,247.37	1,129.08	1,401.03	1,327.12	73.91	18.956		
7,350.00	7,095.45	7,209.62	6,687.89	37.59	45.41	-75.96	-2,266.04	1,097.86	1,409.50	1,334.95	74.55	18.908		
7,400.00	7,124.97	7,274.37	6,737.02	37.88	45.53	-76.61	-2,284.27	1,059.87	1,417.34	1,342.08	75.26	18.831		
7,450.00	7,151.28	7,341.90	6,784.15	38.21	45.65	-77.17	-2,301.71	1,014.80	1,424.46	1,348.38	76.08	18.724		
7,500.00	7,174.22	7,412.23	6,828.19	38.58	45.80	-77.66	-2,317.96	962.49	1,430.75	1,353.74	77.01	18.578		
7,550.00	7,193.65	7,485.24	6,867.93	38.98	45.98	-78.08	-2,332.55	903.05	1,436.12	1,358.03	78.09	18.390		
7,600.00	7,209.45	7,560.72	6,902.04	39.43	46.21	-78.42	-2,345.01	836.92	1,440.47	1,361.14	79.34	18.156		
7,650.00	7,221.52	7,638.30	6,929.22	39.91	46.50	-78.70	-2,354.84	764.98	1,443.72	1,362.96	80.77	17.876		
7,700.00	7,229.79	7,717.48	6,948.31	40.42	46.87	-78.90	-2,361.61	688.49	1,445.80	1,363.43	82.37	17.552		
7,750.00	7,234.21	7,797.64	6,958.44	40.97	47.31	-79.01	-2,365.01	609.10	1,446.66	1,362.53	84.13	17.196		
7,780.56	7,235.00	7,846.83	6,960.00	41.32	47.63	-79.04	-2,365.34	559.95	1,446.58	1,361.32	85.26	16.967		
7,800.00	7,235.04	7,864.47	6,960.06	41.54	47.76	-79.04	-2,365.28	542.30	1,446.40	1,360.69	85.72	16.874		
7,900.00	7,235.26	7,964.47	6,960.31	42.82	48.55	-79.03	-2,364.87	442.31	1,445.50	1,357.07	88.42	16.347		
8,000.00	7,235.47	8,064.46	6,960.56	44.25	49.50	-79.03	-2,364.46	342.32	1,444.59	1,353.20	91.39	15.807		
8,100.00	7,235.68	8,164.46	6,960.82	45.82	50.62	-79.02	-2,364.05	242.32	1,443.68	1,349.08	94.60	15.262		
8,200.00	7,235.90	8,264.46	6,961.07	47.52	51.92	-79.02	-2,363.64	142.33	1,442.77	1,344.75	98.02	14.719		
8,300.00	7,236.11	8,364.45	6,961.32	49.34	53.38	-79.01	-2,363.23	42.33	1,441.86	1,340.22	101.64	14.186		
8,400.00	7,236.32	8,464.45	6,961.57	51.25	54.99	-79.01	-2,362.82	-57.66	1,440.95	1,335.52	105.44	13.666		
8,500.00	7,236.54	8,564.44	6,961.82	53.26	56.73	-79.00	-2,362.41	-157.66	1,440.05	1,330.65	109.39	13.164		
8,600.00	7,236.75	8,664.44	6,962.07	55.34	58.59	-79.00	-2,362.00	-257.65	1,439.14	1,325.65	113.49	12.681		
8,700.00	7,236.96	8,764.43	6,962.33	57.50	60.55	-78.99	-2,361.59	-357.65	1,438.23	1,320.52	117.71	12.219		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 4N-14A-S - OH - Plan #1														Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1															
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
8,800.00	7,237.17	8,864.43	6,962.58	59.71	62.59	-78.98	-2,361.18	-457.64	1,437.32	1,315.28	122.04	11.777			
8,900.00	7,237.39	8,964.43	6,962.83	61.98	64.72	-78.98	-2,360.77	-557.64	1,436.41	1,309.94	126.48	11.357			
9,000.00	7,237.60	9,064.42	6,963.08	64.29	66.91	-78.97	-2,360.36	-657.63	1,435.50	1,304.50	131.00	10.958			
9,100.00	7,237.81	9,164.42	6,963.33	66.65	69.16	-78.97	-2,359.95	-757.63	1,434.60	1,298.98	135.61	10.579			
9,200.00	7,238.03	9,264.41	6,963.59	69.05	71.46	-78.96	-2,359.54	-857.62	1,433.69	1,293.39	140.29	10.219			
9,300.00	7,238.24	9,364.41	6,963.84	71.48	73.80	-78.96	-2,359.13	-957.61	1,432.78	1,287.74	145.04	9.878			
9,400.00	7,238.45	9,464.40	6,964.09	73.95	76.19	-78.95	-2,358.72	-1,057.61	1,431.87	1,282.02	149.85	9.555			
9,500.00	7,238.67	9,564.40	6,964.34	76.44	78.61	-78.95	-2,358.32	-1,157.60	1,430.96	1,276.25	154.71	9.249			
9,600.00	7,238.88	9,664.40	6,964.59	78.96	81.06	-78.94	-2,357.91	-1,257.60	1,430.05	1,270.43	159.63	8.959			
9,700.00	7,239.09	9,764.39	6,964.85	81.50	83.54	-78.93	-2,357.50	-1,357.59	1,429.15	1,264.56	164.58	8.683			
9,800.00	7,239.30	9,864.39	6,965.10	84.06	86.05	-78.93	-2,357.09	-1,457.59	1,428.24	1,258.65	169.58	8.422			
9,900.00	7,239.52	9,964.38	6,965.35	86.64	88.58	-78.92	-2,356.68	-1,557.58	1,427.33	1,252.71	174.62	8.174			
10,000.00	7,239.73	10,064.38	6,965.60	89.23	91.13	-78.92	-2,356.27	-1,657.58	1,426.42	1,246.73	179.69	7.938			
10,100.00	7,239.94	10,164.38	6,965.85	91.85	93.71	-78.91	-2,355.86	-1,757.57	1,425.51	1,240.72	184.79	7.714			
10,200.00	7,240.16	10,264.37	6,966.10	94.47	96.30	-78.91	-2,355.45	-1,857.57	1,424.61	1,234.68	189.93	7.501			
10,300.00	7,240.37	10,364.37	6,966.36	97.11	98.90	-78.90	-2,355.04	-1,957.56	1,423.70	1,228.61	195.08	7.298			
10,400.00	7,240.58	10,464.36	6,966.61	99.76	101.52	-78.90	-2,354.63	-2,057.56	1,422.79	1,222.52	200.27	7.104			
10,500.00	7,240.80	10,564.36	6,966.86	102.43	104.15	-78.89	-2,354.22	-2,157.55	1,421.88	1,216.41	205.47	6.920			
10,600.00	7,241.01	10,664.35	6,967.11	105.10	106.80	-78.88	-2,353.81	-2,257.54	1,420.97	1,210.27	210.70	6.744			
10,700.00	7,241.22	10,764.35	6,967.36	107.79	109.46	-78.88	-2,353.40	-2,357.54	1,420.06	1,204.12	215.95	6.576			
10,800.00	7,241.43	10,864.35	6,967.62	110.48	112.12	-78.87	-2,352.99	-2,457.53	1,419.16	1,197.94	221.21	6.415			
10,900.00	7,241.65	10,964.34	6,967.87	113.18	114.80	-78.87	-2,352.58	-2,557.53	1,418.25	1,191.76	226.49	6.262			
11,000.00	7,241.86	11,064.34	6,968.12	115.89	117.49	-78.86	-2,352.17	-2,657.52	1,417.34	1,185.55	231.79	6.115			
11,100.00	7,242.07	11,164.33	6,968.37	118.60	120.18	-78.86	-2,351.76	-2,757.52	1,416.43	1,179.33	237.10	5.974			
11,200.00	7,242.29	11,264.33	6,968.62	121.32	122.89	-78.85	-2,351.35	-2,857.51	1,415.52	1,173.10	242.43	5.839			
11,300.00	7,242.50	11,364.32	6,968.88	124.05	125.60	-78.85	-2,350.94	-2,957.51	1,414.62	1,166.85	247.76	5.710			
11,400.00	7,242.71	11,464.32	6,969.13	126.78	128.31	-78.84	-2,350.53	-3,057.50	1,413.71	1,160.59	253.11	5.585			
11,500.00	7,242.93	11,564.32	6,969.38	129.52	131.04	-78.83	-2,350.12	-3,157.50	1,412.80	1,154.32	258.48	5.466			
11,600.00	7,243.14	11,664.31	6,969.63	132.27	133.77	-78.83	-2,349.72	-3,257.49	1,411.89	1,148.05	263.85	5.351			
11,700.00	7,243.35	11,764.31	6,969.88	135.02	136.50	-78.82	-2,349.31	-3,357.49	1,410.98	1,141.76	269.23	5.241			
11,800.00	7,243.57	11,864.30	6,970.13	137.77	139.24	-78.82	-2,348.90	-3,457.48	1,410.08	1,135.46	274.62	5.135			
11,900.00	7,243.78	11,964.30	6,970.39	140.53	141.99	-78.81	-2,348.49	-3,557.47	1,409.17	1,129.15	280.02	5.032			
12,000.00	7,243.99	12,064.30	6,970.64	143.29	144.74	-78.81	-2,348.08	-3,657.47	1,408.26	1,122.84	285.43	4.934			
12,100.00	7,244.20	12,164.29	6,970.89	146.05	147.49	-78.80	-2,347.67	-3,757.46	1,407.35	1,116.51	290.84	4.839			
12,200.00	7,244.42	12,264.29	6,971.14	148.82	150.25	-78.79	-2,347.26	-3,857.46	1,406.45	1,110.18	296.26	4.747			
12,300.00	7,244.63	12,364.28	6,971.39	151.60	153.01	-78.79	-2,346.85	-3,957.45	1,405.54	1,103.84	301.69	4.659			
12,400.00	7,244.84	12,464.28	6,971.65	154.37	155.78	-78.78	-2,346.44	-4,057.45	1,404.63	1,097.50	307.13	4.573			
12,500.00	7,245.06	12,564.27	6,971.90	157.15	158.54	-78.78	-2,346.03	-4,157.44	1,403.72	1,091.15	312.57	4.491			
12,600.00	7,245.27	12,664.27	6,972.15	159.93	161.32	-78.77	-2,345.62	-4,257.44	1,402.81	1,084.80	318.02	4.411			
12,700.00	7,245.48	12,764.27	6,972.40	162.71	164.09	-78.77	-2,345.21	-4,357.43	1,401.91	1,078.43	323.47	4.334			
12,800.00	7,245.70	12,864.26	6,972.65	165.50	166.87	-78.76	-2,344.80	-4,457.43	1,401.00	1,072.07	328.93	4.259			
12,900.00	7,245.91	12,964.26	6,972.91	168.29	169.65	-78.75	-2,344.39	-4,557.42	1,400.09	1,065.70	334.39	4.187			
12,947.95	7,246.01	13,012.21	6,973.03	169.63	170.99	-78.75	-2,344.19	-4,605.37	1,399.66	1,062.64	337.01	4.153			
13,000.00	7,246.12	13,002.01	6,973.00	171.08	170.70	-78.75	-2,344.24	-4,595.17	1,400.57	1,062.96	337.61	4.148 SF			
13,100.00	7,246.33	13,002.01	6,973.00	173.87	170.70	-78.75	-2,344.24	-4,595.17	1,407.66	1,069.51	338.15	4.163			
13,200.00	7,246.55	13,002.01	6,973.00	176.67	170.70	-78.75	-2,344.24	-4,595.17	1,421.76	1,084.65	337.11	4.218			
13,300.00	7,246.76	13,002.01	6,973.00	179.47	170.70	-78.75	-2,344.24	-4,595.17	1,442.67	1,108.08	334.59	4.312			
13,400.00	7,246.97	13,002.01	6,973.00	182.27	170.70	-78.75	-2,344.24	-4,595.17	1,470.11	1,139.34	330.77	4.444			
13,500.00	7,247.19	13,002.01	6,973.00	185.07	170.70	-78.75	-2,344.24	-4,595.17	1,503.70	1,177.87	325.84	4.615			
13,600.00	7,247.40	13,002.01	6,973.00	187.87	170.70	-78.75	-2,344.24	-4,595.17	1,543.06	1,223.06	320.00	4.822			
13,700.00	7,247.61	13,002.01	6,973.00	190.68	170.70	-78.75	-2,344.24	-4,595.17	1,587.75	1,274.26	313.48	5.065			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Falken 4N-14A-S - OH - Plan #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
13,800.00	7,247.83	13,002.01	6,973.00	193.48	170.70	-78.75	-2,344.24	-4,595.17	1,637.33	1,330.85	306.48	5.342					
13,900.00	7,248.04	13,002.01	6,973.00	196.29	170.70	-78.75	-2,344.24	-4,595.17	1,691.38	1,392.20	299.17	5.653					
14,000.00	7,248.25	13,002.01	6,973.00	199.10	170.70	-78.75	-2,344.24	-4,595.17	1,749.47	1,457.76	291.71	5.997					
14,100.00	7,248.46	13,002.01	6,973.00	201.91	170.70	-78.75	-2,344.24	-4,595.17	1,811.23	1,527.01	284.23	6.373					
14,200.00	7,248.68	13,002.01	6,973.00	204.72	170.70	-78.75	-2,344.24	-4,595.17	1,876.29	1,599.48	276.81	6.778					
14,300.00	7,248.89	13,002.01	6,973.00	207.53	170.70	-78.75	-2,344.24	-4,595.17	1,944.32	1,674.78	269.54	7.213					
14,400.00	7,249.10	13,002.01	6,973.00	210.35	170.70	-78.75	-2,344.24	-4,595.17	2,015.02	1,752.54	262.47	7.677					
14,500.00	7,249.32	13,002.01	6,973.00	213.16	170.70	-78.75	-2,344.24	-4,595.17	2,088.11	1,832.46	255.65	8.168					
14,600.00	7,249.53	13,002.01	6,973.00	215.98	170.70	-78.75	-2,344.24	-4,595.17	2,163.36	1,914.26	249.09	8.685					
14,700.00	7,249.74	13,002.01	6,973.00	218.80	170.70	-78.75	-2,344.24	-4,595.17	2,240.54	1,997.72	242.82	9.227					
14,800.00	7,249.96	13,002.01	6,973.00	221.62	170.70	-78.75	-2,344.24	-4,595.17	2,319.47	2,082.64	236.83	9.794					
14,900.00	7,250.17	13,002.01	6,973.00	224.44	170.70	-78.75	-2,344.24	-4,595.17	2,399.96	2,168.83	231.13	10.384					
15,000.00	7,250.38	13,002.01	6,973.00	227.26	170.70	-78.75	-2,344.24	-4,595.17	2,481.88	2,256.16	225.72	10.996					
15,100.00	7,250.59	13,002.01	6,973.00	230.08	170.70	-78.75	-2,344.24	-4,595.17	2,565.08	2,344.50	220.58	11.629					
15,200.00	7,250.81	13,002.01	6,973.00	232.90	170.70	-78.75	-2,344.24	-4,595.17	2,649.44	2,433.73	215.72	12.282					
15,300.00	7,251.02	13,002.01	6,973.00	235.72	170.70	-78.75	-2,344.24	-4,595.17	2,734.86	2,523.75	211.11	12.955					
15,400.00	7,251.23	13,002.01	6,973.00	238.55	170.70	-78.75	-2,344.24	-4,595.17	2,821.24	2,614.49	206.74	13.646					
15,500.00	7,251.45	13,002.01	6,973.00	241.37	170.70	-78.75	-2,344.24	-4,595.17	2,908.48	2,705.87	202.61	14.355					
15,600.00	7,251.66	13,002.01	6,973.00	244.20	170.70	-78.75	-2,344.24	-4,595.17	2,996.53	2,797.83	198.70	15.081					
15,700.00	7,251.87	13,002.01	6,973.00	247.03	170.70	-78.75	-2,344.24	-4,595.17	3,085.30	2,890.30	195.00	15.822					
15,800.00	7,252.09	13,002.01	6,973.00	249.85	170.70	-78.75	-2,344.24	-4,595.17	3,174.74	2,983.25	191.50	16.579					
15,900.00	7,252.30	13,002.01	6,973.00	252.68	170.70	-78.75	-2,344.24	-4,595.17	3,264.80	3,076.62	188.18	17.350					
16,000.00	7,252.51	13,002.01	6,973.00	255.51	170.70	-78.75	-2,344.24	-4,595.17	3,355.42	3,170.38	185.03	18.134					
16,100.00	7,252.72	13,002.01	6,973.00	258.34	170.70	-78.75	-2,344.24	-4,595.17	3,446.55	3,264.50	182.06	18.931					
16,200.00	7,252.94	13,002.01	6,973.00	261.17	170.70	-78.75	-2,344.24	-4,595.17	3,538.17	3,358.94	179.23	19.741					
16,300.00	7,253.15	13,002.01	6,973.00	264.00	170.70	-78.75	-2,344.24	-4,595.17	3,630.23	3,453.67	176.55	20.562					
16,400.00	7,253.36	13,002.01	6,973.00	266.83	170.70	-78.75	-2,344.24	-4,595.17	3,722.69	3,548.68	174.01	21.393					
16,500.00	7,253.58	13,002.01	6,973.00	269.66	170.70	-78.75	-2,344.24	-4,595.17	3,815.54	3,643.94	171.60	22.236					
16,600.00	7,253.79	13,002.01	6,973.00	272.50	170.70	-78.75	-2,344.24	-4,595.17	3,908.74	3,739.44	169.30	23.087					
16,700.00	7,254.00	13,002.01	6,973.00	275.33	170.70	-78.75	-2,344.24	-4,595.17	4,002.27	3,835.15	167.12	23.948					
16,800.00	7,254.22	13,002.01	6,973.00	278.16	170.70	-78.75	-2,344.24	-4,595.17	4,096.10	3,931.05	165.05	24.817					
16,900.00	7,254.43	13,002.01	6,973.00	281.00	170.70	-78.75	-2,344.24	-4,595.17	4,190.22	4,027.15	163.08	25.695					
17,000.00	7,254.64	13,002.01	6,973.00	283.83	170.70	-78.75	-2,344.24	-4,595.17	4,284.61	4,123.41	161.20	26.579					
17,100.00	7,254.85	13,002.01	6,973.00	286.67	170.70	-78.75	-2,344.24	-4,595.17	4,379.25	4,219.84	159.41	27.471					
17,200.00	7,255.07	13,002.01	6,973.00	289.50	170.70	-78.75	-2,344.24	-4,595.17	4,474.12	4,316.41	157.71	28.370					
17,300.00	7,255.28	13,002.01	6,973.00	292.34	170.70	-78.75	-2,344.24	-4,595.17	4,569.20	4,413.12	156.08	29.275					
17,400.00	7,255.49	13,002.01	6,973.00	295.17	170.70	-78.75	-2,344.24	-4,595.17	4,664.50	4,509.97	154.53	30.185					
17,500.00	7,255.71	13,002.01	6,973.00	298.01	170.70	-78.75	-2,344.24	-4,595.17	4,759.98	4,606.93	153.05	31.101					
17,600.00	7,255.92	13,002.01	6,973.00	300.85	170.70	-78.75	-2,344.24	-4,595.17	4,855.65	4,704.01	151.64	32.022					
17,700.00	7,256.13	13,002.01	6,973.00	303.68	170.70	-78.75	-2,344.24	-4,595.17	4,951.49	4,801.20	150.29	32.947					
17,800.00	7,256.35	13,002.01	6,973.00	306.52	170.70	-78.75	-2,344.24	-4,595.17	5,047.49	4,898.49	149.00	33.877					
17,900.00	7,256.56	13,002.01	6,973.00	309.36	170.70	-78.75	-2,344.24	-4,595.17	5,143.64	4,995.88	147.76	34.811					
18,000.00	7,256.77	13,002.01	6,973.00	312.20	170.70	-78.75	-2,344.24	-4,595.17	5,239.94	5,093.36	146.58	35.748					
18,100.00	7,256.98	13,002.01	6,973.00	315.04	170.70	-78.75	-2,344.24	-4,595.17	5,336.37	5,190.92	145.45	36.689					
18,200.00	7,257.20	13,002.01	6,973.00	317.88	170.70	-78.75	-2,344.24	-4,595.17	5,432.93	5,288.57	144.37	37.633					
18,300.00	7,257.41	13,002.01	6,973.00	320.72	170.70	-78.75	-2,344.24	-4,595.17	5,529.62	5,386.29	143.33	38.580					
18,400.00	7,257.62	13,002.01	6,973.00	323.56	170.70	-78.75	-2,344.24	-4,595.17	5,626.42	5,484.08	142.34	39.529					
18,500.00	7,257.84	13,002.01	6,973.00	326.40	170.70	-78.75	-2,344.24	-4,595.17	5,723.33	5,581.95	141.38	40.481					
18,600.00	7,258.05	13,002.01	6,973.00	329.24	170.70	-78.75	-2,344.24	-4,595.17	5,820.34	5,679.88	140.47	41.435					
18,700.00	7,258.26	13,002.01	6,973.00	332.08	170.70	-78.75	-2,344.24	-4,595.17	5,917.46	5,777.87	139.59	42.391					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:		0.00 ft
Falken 9-11 PAD - Falken 4N-14A-S - OH - Plan #1												Offset Well Error:		3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance					Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation		Separation Factor	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
18,800.00	7,258.48	13,002.01	6,973.00	334.92	170.70	-78.75	-2,344.24	-4,595.17	6,014.67	5,875.92	138.75	43.348		
18,900.00	7,258.69	13,002.01	6,973.00	337.76	170.70	-78.75	-2,344.24	-4,595.17	6,111.97	5,974.02	137.94	44.308		
19,000.00	7,258.90	13,002.01	6,973.00	340.60	170.70	-78.75	-2,344.24	-4,595.17	6,209.35	6,072.18	137.17	45.268		
19,046.19	7,259.00	13,002.01	6,973.00	341.92	170.70	-78.75	-2,344.24	-4,595.17	6,254.36	6,117.54	136.82	45.712		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 4N-14C-S - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-179.54	-104.92	-0.83	104.92					
100.00	100.00	100.00	100.00	3.28	3.28	-179.54	-104.92	-0.83	104.92	98.35	6.57	15.971		
200.00	200.00	200.00	200.00	3.34	3.34	-179.54	-104.92	-0.83	104.92	98.25	6.67	15.721 CC, ES		
300.00	300.00	296.85	296.83	3.44	3.44	-179.97	-106.36	-0.06	106.40	99.52	6.89	15.445		
400.00	399.98	393.57	393.42	3.60	3.58	54.48	-110.67	2.27	109.87	102.66	7.21	15.249		
500.00	499.84	490.13	489.63	3.79	3.77	54.57	-117.84	6.13	114.29	106.68	7.61	15.018		
600.00	599.45	586.51	585.34	4.03	4.00	55.21	-127.83	11.52	119.68	111.58	8.10	14.782		
700.00	698.70	682.68	680.40	4.30	4.27	56.31	-140.63	18.41	126.05	117.40	8.65	14.572		
800.00	797.47	778.60	774.67	4.61	4.57	57.79	-156.18	26.79	133.47	124.21	9.26	14.410		
900.00	895.62	874.25	868.04	4.95	4.91	59.53	-174.44	36.63	142.01	132.09	9.92	14.311		
1,000.00	993.06	969.61	960.38	5.33	5.28	61.44	-195.37	47.91	151.73	141.09	10.64	14.262		
1,100.00	1,090.08	1,064.61	1,051.55	5.74	5.69	63.12	-218.90	60.59	163.48	152.08	11.40	14.341		
1,200.00	1,187.11	1,159.10	1,141.28	6.17	6.13	63.94	-244.93	74.62	177.92	165.72	12.20	14.587		
1,300.00	1,284.14	1,252.87	1,229.32	6.61	6.60	64.05	-273.33	89.92	194.92	181.90	13.02	14.972		
1,400.00	1,381.17	1,345.73	1,315.43	7.07	7.10	63.63	-303.93	106.41	214.43	200.57	13.86	15.475		
1,500.00	1,478.20	1,439.64	1,401.40	7.55	7.64	62.84	-337.19	124.34	236.30	221.58	14.72	16.051		
1,600.00	1,575.23	1,537.04	1,490.32	8.03	8.22	62.07	-372.20	143.20	258.72	243.08	15.64	16.541		
1,700.00	1,672.26	1,634.44	1,579.23	8.52	8.82	61.42	-407.21	162.07	281.18	264.60	16.58	16.958		
1,800.00	1,769.29	1,731.84	1,668.14	9.01	9.44	60.87	-442.22	180.94	303.68	286.14	17.54	17.316		
1,900.00	1,866.32	1,829.24	1,757.05	9.51	10.06	60.39	-477.22	199.80	326.19	307.68	18.51	17.624		
2,000.00	1,963.35	1,926.64	1,845.96	10.02	10.70	59.98	-512.23	218.67	348.72	329.23	19.49	17.890		
2,100.00	2,060.38	2,024.04	1,934.87	10.53	11.34	59.62	-547.24	237.53	371.27	350.79	20.49	18.123		
2,200.00	2,157.41	2,121.44	2,023.78	11.04	11.98	59.30	-582.25	256.40	393.83	372.34	21.49	18.327		
2,300.00	2,254.44	2,218.84	2,112.69	11.56	12.64	59.01	-617.26	275.26	416.41	393.91	22.50	18.507		
2,400.00	2,351.47	2,316.24	2,201.60	12.07	13.30	58.75	-652.27	294.13	438.99	415.47	23.52	18.666		
2,500.00	2,448.50	2,413.64	2,290.51	12.59	13.96	58.52	-687.27	313.00	461.57	437.03	24.54	18.808		
2,600.00	2,545.53	2,511.03	2,379.42	13.12	14.62	58.31	-722.28	331.86	484.17	458.60	25.57	18.934		
2,700.00	2,642.56	2,608.43	2,468.33	13.64	15.29	58.12	-757.29	350.73	506.77	480.16	26.60	19.048		
2,800.00	2,739.59	2,705.83	2,557.24	14.17	15.96	57.94	-792.30	369.59	529.37	501.73	27.64	19.151		
2,900.00	2,836.62	2,803.23	2,646.15	14.69	16.63	57.78	-827.31	388.46	551.98	523.30	28.68	19.244		
3,000.00	2,933.65	2,900.63	2,735.07	15.22	17.31	57.63	-862.32	407.32	574.60	544.87	29.73	19.328		
3,100.00	3,030.68	3,001.97	2,823.98	15.75	18.01	57.49	-897.32	426.19	597.21	566.41	30.80	19.390		
3,200.00	3,127.71	3,104.57	2,912.89	16.28	18.72	57.37	-932.33	445.06	619.83	587.95	31.88	19.442		
3,300.00	3,224.74	3,207.17	3,001.80	16.82	19.44	57.25	-967.34	463.92	642.46	609.49	32.96	19.489		
3,400.00	3,321.76	3,309.77	3,090.71	17.35	20.16	57.14	-1,002.35	482.79	665.08	631.03	34.05	19.532		
3,500.00	3,418.79	3,387.63	3,179.62	17.88	20.70	57.03	-1,037.36	501.65	687.71	652.72	34.99	19.652		
3,600.00	3,515.82	3,485.03	3,268.53	18.42	21.38	56.94	-1,072.36	520.52	710.34	674.28	36.05	19.703		
3,700.00	3,612.85	3,582.43	3,357.44	18.95	22.07	56.85	-1,107.37	539.38	732.97	695.85	37.11	19.749		
3,800.00	3,709.88	3,679.83	3,446.35	19.49	22.75	56.76	-1,142.38	558.25	755.60	717.42	38.18	19.792		
3,900.00	3,806.91	3,777.22	3,535.26	20.02	23.44	56.68	-1,177.39	577.12	778.24	739.00	39.24	19.833		
4,000.00	3,903.94	3,874.62	3,624.17	20.56	24.12	56.61	-1,212.40	595.98	800.87	760.57	40.31	19.870		
4,100.00	4,000.97	3,972.02	3,713.08	21.09	24.81	56.53	-1,247.41	614.85	823.51	782.14	41.37	19.905		
4,200.00	4,098.00	4,069.42	3,801.99	21.63	25.49	56.47	-1,282.41	633.71	846.14	803.71	42.44	19.938		
4,300.00	4,195.03	4,166.82	3,890.91	22.17	26.18	56.40	-1,317.42	652.58	868.78	825.28	43.51	19.968		
4,400.00	4,292.06	4,264.22	3,979.82	22.71	26.87	56.34	-1,352.43	671.44	891.42	846.85	44.58	19.997		
4,500.00	4,389.09	4,361.62	4,068.73	23.25	27.56	56.28	-1,387.44	690.31	914.06	868.42	45.65	20.024		
4,600.00	4,486.12	4,459.02	4,157.64	23.78	28.25	56.23	-1,422.45	709.18	936.71	889.99	46.72	20.050		
4,700.00	4,583.15	4,556.42	4,246.55	24.32	28.94	56.18	-1,457.46	728.04	959.35	911.56	47.79	20.074		
4,800.00	4,680.18	4,653.82	4,335.46	24.86	29.63	56.13	-1,492.46	746.91	981.99	933.13	48.86	20.096		
4,900.00	4,777.21	4,751.22	4,424.37	25.40	30.32	56.08	-1,527.47	765.77	1,004.63	954.70	49.94	20.118		
5,000.00	4,874.24	4,848.62	4,513.28	25.94	31.01	56.03	-1,562.48	784.64	1,027.28	976.27	51.01	20.138		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 4N-14C-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	4,946.02	4,602.19	26.48	31.70	55.99	-1,597.49	803.50	1,049.92	997.84	52.09	20.157		
5,200.00	5,068.30	5,043.42	4,691.10	27.02	32.39	55.95	-1,632.50	822.37	1,072.57	1,019.41	53.16	20.175		
5,300.00	5,165.33	5,140.81	4,780.01	27.56	33.08	55.91	-1,667.50	841.24	1,095.22	1,040.98	54.24	20.193		
5,400.00	5,262.36	5,238.21	4,868.92	28.10	33.77	55.87	-1,702.51	860.10	1,117.86	1,062.55	55.31	20.209		
5,500.00	5,359.39	5,335.61	4,957.83	28.64	34.46	55.83	-1,737.52	878.97	1,140.51	1,084.12	56.39	20.225		
5,600.00	5,456.42	5,433.01	5,046.75	29.18	35.15	55.80	-1,772.53	897.83	1,163.16	1,105.69	57.47	20.240		
5,700.00	5,553.45	5,530.41	5,135.66	29.72	35.84	55.76	-1,807.54	916.70	1,185.80	1,127.26	58.55	20.254		
5,800.00	5,650.47	5,627.81	5,224.57	30.27	36.54	55.73	-1,842.55	935.57	1,208.45	1,148.83	59.63	20.267		
5,900.00	5,747.50	5,725.21	5,313.48	30.81	37.23	55.70	-1,877.55	954.43	1,231.10	1,170.40	60.70	20.280		
6,000.00	5,844.53	5,822.61	5,402.39	31.35	37.92	55.67	-1,912.56	973.30	1,253.75	1,191.97	61.78	20.293		
6,100.00	5,941.56	5,920.01	5,491.30	31.89	38.61	55.64	-1,947.57	992.16	1,276.40	1,213.54	62.86	20.305		
6,200.00	6,038.59	6,017.41	5,580.21	32.43	39.31	55.61	-1,982.58	1,011.03	1,299.05	1,235.11	63.94	20.316		
6,300.00	6,135.62	6,114.81	5,669.12	32.97	40.00	55.58	-2,017.59	1,029.89	1,321.70	1,256.68	65.02	20.327		
6,400.00	6,232.65	6,212.21	5,758.03	33.51	40.69	55.56	-2,052.59	1,048.76	1,344.35	1,278.25	66.10	20.337		
6,500.00	6,329.68	6,309.61	5,846.94	34.06	41.39	55.53	-2,087.60	1,067.63	1,367.00	1,299.82	67.18	20.347		
6,600.00	6,426.71	6,407.00	5,935.85	34.60	42.08	55.51	-2,122.61	1,086.49	1,389.65	1,321.38	68.26	20.357		
6,655.36	6,480.43	6,460.93	5,985.08	34.90	42.46	55.49	-2,141.99	1,096.94	1,402.19	1,333.33	68.86	20.362		
6,700.00	6,524.01	6,504.37	6,024.73	35.13	42.77	44.15	-2,157.61	1,105.35	1,412.25	1,342.93	69.32	20.372		
6,750.00	6,573.29	6,552.77	6,068.91	35.36	43.12	22.43	-2,175.00	1,114.72	1,423.38	1,353.59	69.79	20.396		
6,800.00	6,622.76	6,600.60	6,112.58	35.56	43.46	-7.30	-2,192.20	1,123.99	1,434.33	1,364.14	70.19	20.435		
6,850.00	6,672.13	6,647.57	6,155.46	35.73	43.79	-32.22	-2,209.08	1,133.09	1,445.12	1,374.57	70.55	20.484		
6,900.00	6,721.08	6,706.60	6,197.29	35.88	44.21	-47.35	-2,225.55	1,141.96	1,455.78	1,384.83	70.95	20.519		
6,950.00	6,769.31	6,737.79	6,237.81	36.03	44.44	-56.22	-2,241.51	1,150.56	1,466.37	1,395.21	71.16	20.606		
7,000.00	6,816.53	6,780.48	6,276.78	36.18	44.74	-61.76	-2,256.85	1,158.83	1,476.97	1,405.54	71.43	20.678		
7,050.00	6,862.44	6,821.20	6,313.95	36.34	45.03	-65.46	-2,271.49	1,166.72	1,487.66	1,415.99	71.67	20.756		
7,100.00	6,906.77	6,859.70	6,349.09	36.50	45.31	-68.07	-2,285.32	1,174.18	1,498.56	1,426.66	71.90	20.842		
7,150.00	6,949.23	6,895.74	6,382.00	36.68	45.56	-69.95	-2,298.28	1,181.16	1,509.77	1,437.65	72.12	20.935		
7,200.00	6,989.58	6,929.41	6,412.73	36.87	45.80	-71.32	-2,310.38	1,187.68	1,521.40	1,449.07	72.32	21.036		
7,250.00	7,027.55	6,970.71	6,450.66	37.09	46.08	-72.57	-2,325.31	1,194.26	1,533.43	1,460.77	72.65	21.106		
7,300.00	7,062.91	7,014.97	6,491.66	37.32	46.36	-73.64	-2,341.42	1,198.37	1,545.76	1,472.71	73.05	21.160		
7,350.00	7,095.45	7,063.07	6,536.42	37.59	46.62	-74.60	-2,359.00	1,199.35	1,558.33	1,484.81	73.52	21.196		
7,400.00	7,124.97	7,116.31	6,585.88	37.88	46.88	-75.53	-2,378.39	1,196.20	1,571.06	1,496.99	74.07	21.210		
7,450.00	7,151.28	7,176.52	6,641.32	38.21	47.11	-76.51	-2,400.09	1,187.31	1,583.84	1,509.14	74.70	21.203		
7,500.00	7,174.22	7,246.42	6,704.36	38.58	47.33	-77.62	-2,424.73	1,169.99	1,596.51	1,521.10	75.41	21.171		
7,550.00	7,193.65	7,330.06	6,776.92	38.98	47.53	-78.94	-2,453.03	1,139.68	1,608.81	1,532.61	76.21	21.111		
7,600.00	7,209.45	7,433.34	6,860.47	39.43	47.72	-80.54	-2,485.52	1,088.61	1,620.37	1,543.26	77.11	21.013		
7,650.00	7,221.52	7,650.00	6,934.76	39.91	48.08	-81.89	-2,514.29	1,023.71	1,630.52	1,551.95	78.57	20.752		
7,700.00	7,229.79	7,730.72	7,045.52	40.42	48.27	-84.37	-2,556.86	870.65	1,638.43	1,558.43	80.00	20.480		
7,750.00	7,234.21	7,932.73	7,109.41	40.97	48.94	-85.75	-2,580.81	681.41	1,642.73	1,559.61	83.12	19.763		
7,780.56	7,235.00	7,780.56	7,119.38	41.32	48.28	-85.97	-2,584.13	581.27	1,643.08	1,560.89	82.20	19.990		
7,800.00	7,235.04	8,071.46	7,120.19	41.54	49.65	-85.99	-2,584.22	543.38	1,642.98	1,556.98	86.00	19.105		
7,900.00	7,235.26	8,171.46	7,121.00	42.82	50.32	-86.01	-2,583.95	443.39	1,642.16	1,553.48	88.67	18.519		
8,000.00	7,235.47	8,271.45	7,121.82	44.25	51.14	-86.03	-2,583.67	343.39	1,641.33	1,549.72	91.62	17.915		
8,100.00	7,235.68	8,371.45	7,122.63	45.82	52.12	-86.05	-2,583.40	243.40	1,640.51	1,545.70	94.81	17.303		
8,200.00	7,235.90	8,471.45	7,123.44	47.52	53.28	-86.07	-2,583.12	143.41	1,639.69	1,541.45	98.24	16.691		
8,300.00	7,236.11	8,571.44	7,124.26	49.34	54.60	-86.09	-2,582.85	43.42	1,638.87	1,537.00	101.87	16.088		
8,400.00	7,236.32	8,671.44	7,125.07	51.25	56.09	-86.10	-2,582.57	-56.57	1,638.05	1,532.37	105.68	15.500		
8,500.00	7,236.54	8,771.43	7,125.89	53.26	57.73	-86.12	-2,582.30	-156.56	1,637.22	1,527.57	109.65	14.931		
8,600.00	7,236.75	8,871.43	7,126.70	55.34	59.49	-86.14	-2,582.02	-256.55	1,636.40	1,522.62	113.78	14.382		
8,700.00	7,236.96	8,971.42	7,127.51	57.50	61.37	-86.16	-2,581.75	-356.55	1,635.58	1,517.55	118.03	13.857		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 4N-14C-S - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	9,071.42	7,128.33	59.71	63.35	-86.18	-2,581.47	-456.54	1,634.76	1,512.35	122.41	13.355		
8,900.00	7,237.39	9,171.41	7,129.14	61.98	65.41	-86.20	-2,581.20	-556.53	1,633.94	1,507.05	126.89	12.877		
9,000.00	7,237.60	9,271.41	7,129.95	64.29	67.54	-86.22	-2,580.92	-656.52	1,633.12	1,501.66	131.46	12.423		
9,100.00	7,237.81	9,371.40	7,130.77	66.65	69.74	-86.24	-2,580.65	-756.51	1,632.30	1,496.17	136.12	11.991		
9,200.00	7,238.03	9,471.40	7,131.58	69.05	72.00	-86.26	-2,580.37	-856.50	1,631.48	1,490.62	140.86	11.582		
9,300.00	7,238.24	9,571.39	7,132.39	71.48	74.30	-86.28	-2,580.10	-956.49	1,630.66	1,484.99	145.67	11.195		
9,400.00	7,238.45	9,671.39	7,133.21	73.95	76.65	-86.30	-2,579.83	-1,056.49	1,629.84	1,479.30	150.53	10.827		
9,500.00	7,238.67	9,771.38	7,134.02	76.44	79.04	-86.32	-2,579.55	-1,156.48	1,629.02	1,473.55	155.46	10.479		
9,600.00	7,238.88	9,871.38	7,134.84	78.96	81.46	-86.34	-2,579.28	-1,256.47	1,628.20	1,467.76	160.44	10.148		
9,700.00	7,239.09	9,971.37	7,135.65	81.50	83.91	-86.35	-2,579.00	-1,356.46	1,627.38	1,461.91	165.47	9.835		
9,800.00	7,239.30	10,071.37	7,136.46	84.06	86.39	-86.37	-2,578.73	-1,456.45	1,626.56	1,456.02	170.53	9.538		
9,900.00	7,239.52	10,171.36	7,137.28	86.64	88.90	-86.39	-2,578.45	-1,556.44	1,625.74	1,450.09	175.64	9.256		
10,000.00	7,239.73	10,271.36	7,138.09	89.23	91.43	-86.41	-2,578.18	-1,656.43	1,624.92	1,444.13	180.79	8.988		
10,100.00	7,239.94	10,371.35	7,138.90	91.85	93.98	-86.43	-2,577.90	-1,756.43	1,624.10	1,438.14	185.96	8.733		
10,200.00	7,240.16	10,471.35	7,139.72	94.47	96.55	-86.45	-2,577.63	-1,856.42	1,623.28	1,432.11	191.17	8.491		
10,300.00	7,240.37	10,571.34	7,140.53	97.11	99.13	-86.47	-2,577.35	-1,956.41	1,622.46	1,426.06	196.41	8.261		
10,400.00	7,240.58	10,671.34	7,141.34	99.76	101.74	-86.49	-2,577.08	-2,056.40	1,621.64	1,419.98	201.67	8.041		
10,500.00	7,240.80	10,771.33	7,142.16	102.43	104.35	-86.51	-2,576.80	-2,156.39	1,620.83	1,413.87	206.95	7.832		
10,600.00	7,241.01	10,871.33	7,142.97	105.10	106.98	-86.53	-2,576.53	-2,256.38	1,620.01	1,407.75	212.26	7.632		
10,700.00	7,241.22	10,971.32	7,143.79	107.79	109.63	-86.55	-2,576.25	-2,356.37	1,619.19	1,401.60	217.59	7.442		
10,800.00	7,241.43	11,071.32	7,144.60	110.48	112.28	-86.57	-2,575.98	-2,456.37	1,618.37	1,395.44	222.93	7.259		
10,900.00	7,241.65	11,171.31	7,145.41	113.18	114.94	-86.59	-2,575.71	-2,556.36	1,617.55	1,389.26	228.30	7.085		
11,000.00	7,241.86	11,271.31	7,146.23	115.89	117.62	-86.61	-2,575.43	-2,656.35	1,616.74	1,383.06	233.68	6.919		
11,100.00	7,242.07	11,371.30	7,147.04	118.60	120.30	-86.63	-2,575.16	-2,756.34	1,615.92	1,376.85	239.08	6.759		
11,200.00	7,242.29	11,471.30	7,147.85	121.32	122.99	-86.65	-2,574.88	-2,856.33	1,615.10	1,370.62	244.49	6.606		
11,300.00	7,242.50	11,571.29	7,148.67	124.05	125.69	-86.67	-2,574.61	-2,956.32	1,614.29	1,364.38	249.91	6.459		
11,400.00	7,242.71	11,671.29	7,149.48	126.78	128.39	-86.69	-2,574.33	-3,056.32	1,613.47	1,358.12	255.35	6.319		
11,500.00	7,242.93	11,771.28	7,150.29	129.52	131.11	-86.71	-2,574.06	-3,156.31	1,612.65	1,351.86	260.80	6.184		
11,600.00	7,243.14	11,871.28	7,151.11	132.27	133.83	-86.73	-2,573.78	-3,256.30	1,611.84	1,345.58	266.26	6.054		
11,700.00	7,243.35	11,971.27	7,151.92	135.02	136.55	-86.75	-2,573.51	-3,356.29	1,611.02	1,339.30	271.73	5.929		
11,800.00	7,243.57	12,071.27	7,152.74	137.77	139.28	-86.77	-2,573.23	-3,456.28	1,610.21	1,333.00	277.21	5.809		
11,900.00	7,243.78	12,171.26	7,153.55	140.53	142.02	-86.78	-2,572.96	-3,556.27	1,609.39	1,326.70	282.70	5.693		
12,000.00	7,243.99	12,271.26	7,154.36	143.29	144.76	-86.80	-2,572.68	-3,656.26	1,608.58	1,320.38	288.19	5.582		
12,100.00	7,244.20	12,371.26	7,155.18	146.05	147.51	-86.82	-2,572.41	-3,756.26	1,607.76	1,314.06	293.70	5.474		
12,200.00	7,244.42	12,471.25	7,155.99	148.82	150.26	-86.84	-2,572.14	-3,856.25	1,606.95	1,307.73	299.22	5.371		
12,300.00	7,244.63	12,571.25	7,156.80	151.60	153.01	-86.86	-2,571.86	-3,956.24	1,606.13	1,301.39	304.74	5.271		
12,400.00	7,244.84	12,671.24	7,157.62	154.37	155.77	-86.88	-2,571.59	-4,056.23	1,605.32	1,295.05	310.27	5.174		
12,500.00	7,245.06	12,771.24	7,158.43	157.15	158.53	-86.90	-2,571.31	-4,156.22	1,604.50	1,288.70	315.80	5.081		
12,600.00	7,245.27	12,871.23	7,159.24	159.93	161.30	-86.92	-2,571.04	-4,256.21	1,603.69	1,282.35	321.34	4.991		
12,700.00	7,245.48	12,971.23	7,160.06	162.71	164.07	-86.94	-2,570.76	-4,356.20	1,602.87	1,275.98	326.89	4.903		
12,800.00	7,245.70	13,071.22	7,160.87	165.50	166.84	-86.96	-2,570.49	-4,456.20	1,602.06	1,269.62	332.45	4.819		
12,900.00	7,245.91	13,171.22	7,161.68	168.29	169.61	-86.98	-2,570.21	-4,556.19	1,601.25	1,263.24	338.00	4.737		
12,949.72	7,246.01	13,220.94	7,162.09	169.68	171.00	-86.99	-2,570.08	-4,605.90	1,600.84	1,260.07	340.77	4.698		
13,000.00	7,246.12	13,210.89	7,162.01	171.08	170.72	-86.99	-2,570.10	-4,595.86	1,601.57	1,260.17	341.40	4.691 SF		
13,100.00	7,246.33	13,210.89	7,162.01	173.87	170.72	-86.99	-2,570.10	-4,595.86	1,607.64	1,265.26	342.38	4.696		
13,200.00	7,246.55	13,210.89	7,162.01	176.67	170.72	-86.99	-2,570.10	-4,595.86	1,619.86	1,277.75	342.11	4.735		
13,300.00	7,246.76	13,210.89	7,162.01	179.47	170.72	-86.99	-2,570.10	-4,595.86	1,638.11	1,297.44	340.68	4.808		
13,400.00	7,246.97	13,210.89	7,162.01	182.27	170.72	-86.99	-2,570.10	-4,595.86	1,662.19	1,324.03	338.15	4.915		
13,500.00	7,247.19	13,210.89	7,162.01	185.07	170.72	-86.99	-2,570.10	-4,595.86	1,691.84	1,357.17	334.67	5.055		
13,600.00	7,247.40	13,210.89	7,162.01	187.87	170.72	-86.99	-2,570.10	-4,595.86	1,726.79	1,396.42	330.37	5.227		
13,700.00	7,247.61	13,210.89	7,162.01	190.68	170.72	-86.99	-2,570.10	-4,595.86	1,766.71	1,441.33	325.38	5.430		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 4N-14C-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
13,800.00	7,247.83	13,210.89	7,162.01	193.48	170.72	-86.99	-2,570.10	-4,595.86	1,811.28	1,491.42	319.86	5.663		
13,900.00	7,248.04	13,210.89	7,162.01	196.29	170.72	-86.99	-2,570.10	-4,595.86	1,860.16	1,546.22	313.94	5.925		
14,000.00	7,248.25	13,210.89	7,162.01	199.10	170.72	-86.99	-2,570.10	-4,595.86	1,913.02	1,605.28	307.74	6.216		
14,100.00	7,248.46	13,210.89	7,162.01	201.91	170.72	-86.99	-2,570.10	-4,595.86	1,969.54	1,668.18	301.37	6.535		
14,200.00	7,248.68	13,210.89	7,162.01	204.72	170.72	-86.99	-2,570.10	-4,595.86	2,029.42	1,734.50	294.92	6.881		
14,300.00	7,248.89	13,210.89	7,162.01	207.53	170.72	-86.99	-2,570.10	-4,595.86	2,092.37	1,803.89	288.48	7.253		
14,400.00	7,249.10	13,210.89	7,162.01	210.35	170.72	-86.99	-2,570.10	-4,595.86	2,158.12	1,876.02	282.10	7.650		
14,500.00	7,249.32	13,210.89	7,162.01	213.16	170.72	-86.99	-2,570.10	-4,595.86	2,226.42	1,950.59	275.83	8.072		
14,600.00	7,249.53	13,210.89	7,162.01	215.98	170.72	-86.99	-2,570.10	-4,595.86	2,297.04	2,027.34	269.71	8.517		
14,700.00	7,249.74	13,210.89	7,162.01	218.80	170.72	-86.99	-2,570.10	-4,595.86	2,369.78	2,106.02	263.76	8.985		
14,800.00	7,249.96	13,210.89	7,162.01	221.62	170.72	-86.99	-2,570.10	-4,595.86	2,444.45	2,186.44	258.01	9.474		
14,900.00	7,250.17	13,210.89	7,162.01	224.44	170.72	-86.99	-2,570.10	-4,595.86	2,520.87	2,268.40	252.47	9.985		
15,000.00	7,250.38	13,210.89	7,162.01	227.26	170.72	-86.99	-2,570.10	-4,595.86	2,598.90	2,351.76	247.14	10.516		
15,100.00	7,250.59	13,210.89	7,162.01	230.08	170.72	-86.99	-2,570.10	-4,595.86	2,678.38	2,436.35	242.03	11.067		
15,200.00	7,250.81	13,210.89	7,162.01	232.90	170.72	-86.99	-2,570.10	-4,595.86	2,759.20	2,522.07	237.13	11.636		
15,300.00	7,251.02	13,210.89	7,162.01	235.72	170.72	-86.99	-2,570.10	-4,595.86	2,841.24	2,608.79	232.45	12.223		
15,400.00	7,251.23	13,210.89	7,162.01	238.55	170.72	-86.99	-2,570.10	-4,595.86	2,924.40	2,696.42	227.98	12.827		
15,500.00	7,251.45	13,210.89	7,162.01	241.37	170.72	-86.99	-2,570.10	-4,595.86	3,008.58	2,784.87	223.71	13.448		
15,600.00	7,251.66	13,210.89	7,162.01	244.20	170.72	-86.99	-2,570.10	-4,595.86	3,093.71	2,874.06	219.64	14.085		
15,700.00	7,251.87	13,210.89	7,162.01	247.03	170.72	-86.99	-2,570.10	-4,595.86	3,179.70	2,963.93	215.76	14.737		
15,800.00	7,252.09	13,210.89	7,162.01	249.85	170.72	-86.99	-2,570.10	-4,595.86	3,266.49	3,054.42	212.07	15.403		
15,900.00	7,252.30	13,210.89	7,162.01	252.68	170.72	-86.99	-2,570.10	-4,595.86	3,354.01	3,145.47	208.54	16.083		
16,000.00	7,252.51	13,210.89	7,162.01	255.51	170.72	-86.99	-2,570.10	-4,595.86	3,442.22	3,237.04	205.18	16.776		
16,100.00	7,252.72	13,210.89	7,162.01	258.34	170.72	-86.99	-2,570.10	-4,595.86	3,531.05	3,329.07	201.98	17.482		
16,200.00	7,252.94	13,210.89	7,162.01	261.17	170.72	-86.99	-2,570.10	-4,595.86	3,620.47	3,421.54	198.93	18.200		
16,300.00	7,253.15	13,210.89	7,162.01	264.00	170.72	-86.99	-2,570.10	-4,595.86	3,710.42	3,514.41	196.02	18.929		
16,400.00	7,253.36	13,210.89	7,162.01	266.83	170.72	-86.99	-2,570.10	-4,595.86	3,800.88	3,607.64	193.24	19.669		
16,500.00	7,253.58	13,210.89	7,162.01	269.66	170.72	-86.99	-2,570.10	-4,595.86	3,891.81	3,701.21	190.60	20.419		
16,600.00	7,253.79	13,210.89	7,162.01	272.50	170.72	-86.99	-2,570.10	-4,595.86	3,983.17	3,795.10	188.07	21.179		
16,700.00	7,254.00	13,210.89	7,162.01	275.33	170.72	-86.99	-2,570.10	-4,595.86	4,074.94	3,889.28	185.66	21.949		
16,800.00	7,254.22	13,210.89	7,162.01	278.16	170.72	-86.99	-2,570.10	-4,595.86	4,167.08	3,983.72	183.36	22.727		
16,900.00	7,254.43	13,210.89	7,162.01	281.00	170.72	-86.99	-2,570.10	-4,595.86	4,259.58	4,078.42	181.16	23.513		
17,000.00	7,254.64	13,210.89	7,162.01	283.83	170.72	-86.99	-2,570.10	-4,595.86	4,352.41	4,173.35	179.06	24.307		
17,100.00	7,254.85	13,210.89	7,162.01	286.67	170.72	-86.99	-2,570.10	-4,595.86	4,445.55	4,268.50	177.05	25.109		
17,200.00	7,255.07	13,210.89	7,162.01	289.50	170.72	-86.99	-2,570.10	-4,595.86	4,538.99	4,363.86	175.13	25.918		
17,300.00	7,255.28	13,210.89	7,162.01	292.34	170.72	-86.99	-2,570.10	-4,595.86	4,632.70	4,459.40	173.29	26.734		
17,400.00	7,255.49	13,210.89	7,162.01	295.17	170.72	-86.99	-2,570.10	-4,595.86	4,726.66	4,555.13	171.53	27.556		
17,500.00	7,255.71	13,210.89	7,162.01	298.01	170.72	-86.99	-2,570.10	-4,595.86	4,820.87	4,651.02	169.85	28.383		
17,600.00	7,255.92	13,210.89	7,162.01	300.85	170.72	-86.99	-2,570.10	-4,595.86	4,915.31	4,747.07	168.24	29.217		
17,700.00	7,256.13	13,210.89	7,162.01	303.68	170.72	-86.99	-2,570.10	-4,595.86	5,009.96	4,843.27	166.69	30.055		
17,800.00	7,256.35	13,210.89	7,162.01	306.52	170.72	-86.99	-2,570.10	-4,595.86	5,104.82	4,939.61	165.21	30.899		
17,900.00	7,256.56	13,210.89	7,162.01	309.36	170.72	-86.99	-2,570.10	-4,595.86	5,199.87	5,036.08	163.79	31.747		
18,000.00	7,256.77	13,210.89	7,162.01	312.20	170.72	-86.99	-2,570.10	-4,595.86	5,295.10	5,132.67	162.43	32.600		
18,100.00	7,256.98	13,210.89	7,162.01	315.04	170.72	-86.99	-2,570.10	-4,595.86	5,390.51	5,229.39	161.12	33.457		
18,200.00	7,257.20	13,210.89	7,162.01	317.88	170.72	-86.99	-2,570.10	-4,595.86	5,486.08	5,326.21	159.86	34.317		
18,300.00	7,257.41	13,210.89	7,162.01	320.72	170.72	-86.99	-2,570.10	-4,595.86	5,581.80	5,423.14	158.66	35.181		
18,400.00	7,257.62	13,210.89	7,162.01	323.56	170.72	-86.99	-2,570.10	-4,595.86	5,677.67	5,520.17	157.50	36.049		
18,500.00	7,257.84	13,210.89	7,162.01	326.40	170.72	-86.99	-2,570.10	-4,595.86	5,773.68	5,617.29	156.39	36.919		
18,600.00	7,258.05	13,210.89	7,162.01	329.24	170.72	-86.99	-2,570.10	-4,595.86	5,869.83	5,714.51	155.32	37.792		
18,700.00	7,258.26	13,210.89	7,162.01	332.08	170.72	-86.99	-2,570.10	-4,595.86	5,966.10	5,811.81	154.29	38.668		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - Falken 4N-14C-S - OH - Plan #1													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
18,800.00	7,258.48	13,210.89	7,162.01	334.92	170.72	-86.99	-2,570.10	-4,595.86	6,062.49	5,909.19	153.30	39.547		
18,900.00	7,258.69	13,210.89	7,162.01	337.76	170.72	-86.99	-2,570.10	-4,595.86	6,159.00	6,006.65	152.35	40.428		
19,000.00	7,258.90	13,210.89	7,162.01	340.60	170.72	-86.99	-2,570.10	-4,595.86	6,255.61	6,104.19	151.43	41.310		
19,046.19	7,259.00	13,210.89	7,162.01	341.92	170.72	-86.99	-2,570.10	-4,595.86	6,300.27	6,149.26	151.02	41.719		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 9C-9-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.64	75.05	0.83	75.06					
100.00	100.00	100.00	100.00	3.28	3.28	0.64	75.05	0.83	75.06	68.49	6.57	11.425		
200.00	200.00	200.00	200.00	3.34	3.34	0.64	75.05	0.83	75.06	68.38	6.67	11.246		
223.48	223.48	223.48	223.48	3.36	3.36	0.71	75.05	0.93	75.06	68.34	6.71	11.178 CC		
300.00	300.00	299.96	299.94	3.44	3.44	1.97	75.03	2.58	75.07	68.19	6.89	10.900 ES		
400.00	399.98	399.76	399.60	3.60	3.60	-120.19	74.96	7.80	76.23	69.04	7.19	10.596		
500.00	499.84	499.36	498.81	3.79	3.80	-117.14	74.86	16.46	79.60	72.00	7.59	10.486		
600.00	599.45	598.69	597.40	4.03	4.05	-114.14	74.71	28.53	85.19	77.12	8.07	10.553		
700.00	698.70	697.69	695.19	4.30	4.33	-111.39	74.52	43.95	93.00	84.37	8.63	10.774		
800.00	797.47	796.32	792.02	4.61	4.65	-109.00	74.28	62.67	103.00	93.74	9.26	11.118		
900.00	895.62	904.98	888.31	4.95	5.04	-107.15	74.02	84.37	115.03	105.03	10.00	11.504		
1,000.00	993.06	1,005.86	984.89	5.33	5.44	-106.87	73.74	106.64	128.25	117.49	10.76	11.915		
1,100.00	1,090.08	1,106.82	1,081.40	5.74	5.85	-107.54	73.46	128.89	141.99	130.41	11.58	12.265		
1,200.00	1,187.11	1,207.78	1,177.91	6.17	6.29	-108.09	73.19	151.14	155.75	143.32	12.43	12.533		
1,300.00	1,284.14	1,308.74	1,274.41	6.61	6.74	-108.55	72.91	173.39	169.51	156.21	13.31	12.739		
1,400.00	1,381.17	1,409.70	1,370.92	7.07	7.20	-108.93	72.64	195.64	183.29	169.08	14.21	12.897		
1,500.00	1,478.20	1,489.34	1,467.43	7.55	7.57	-109.27	72.36	217.89	197.07	182.03	15.04	13.106		
1,600.00	1,575.23	1,588.38	1,563.93	8.03	8.04	-109.56	72.08	240.14	210.86	194.89	15.97	13.205		
1,700.00	1,672.26	1,687.42	1,660.44	8.52	8.51	-109.82	71.81	262.39	224.65	207.74	16.91	13.283		
1,800.00	1,769.29	1,786.46	1,756.95	9.01	8.99	-110.04	71.53	284.65	238.45	220.58	17.87	13.344		
1,900.00	1,866.32	1,885.50	1,853.46	9.51	9.47	-110.24	71.26	306.90	252.25	233.41	18.84	13.391		
2,000.00	1,963.35	1,984.53	1,949.96	10.02	9.96	-110.42	70.98	329.15	266.05	246.24	19.81	13.429		
2,100.00	2,060.38	2,083.57	2,046.47	10.53	10.45	-110.59	70.71	351.40	279.85	259.06	20.79	13.458		
2,200.00	2,157.41	2,182.61	2,142.98	11.04	10.94	-110.73	70.43	373.65	293.66	271.88	21.78	13.481		
2,300.00	2,254.44	2,281.65	2,239.48	11.56	11.44	-110.87	70.15	395.90	307.47	284.69	22.78	13.499		
2,400.00	2,351.47	2,380.69	2,335.99	12.07	11.93	-110.99	69.88	418.15	321.28	297.50	23.78	13.513		
2,500.00	2,448.50	2,479.73	2,432.50	12.59	12.43	-111.10	69.60	440.40	335.09	310.31	24.78	13.523		
2,600.00	2,545.53	2,578.77	2,529.01	13.12	12.94	-111.21	69.33	462.66	348.90	323.12	25.79	13.531		
2,700.00	2,642.56	2,677.81	2,625.51	13.64	13.44	-111.30	69.05	484.91	362.72	335.92	26.80	13.537		
2,800.00	2,739.59	2,776.85	2,722.02	14.17	13.94	-111.39	68.77	507.16	376.53	348.72	27.81	13.540		
2,900.00	2,836.62	2,875.89	2,818.53	14.69	14.45	-111.47	68.50	529.41	390.35	361.52	28.82	13.543		
3,000.00	2,933.65	2,974.93	2,915.04	15.22	14.96	-111.55	68.22	551.66	404.16	374.32	29.84	13.544		
3,100.00	3,030.68	3,073.97	3,011.54	15.75	15.47	-111.62	67.95	573.91	417.98	387.12	30.86	13.544		
3,200.00	3,127.71	3,173.01	3,108.05	16.28	15.97	-111.69	67.67	596.16	431.80	399.91	31.88	13.543		
3,300.00	3,224.74	3,272.05	3,204.56	16.82	16.48	-111.75	67.40	618.41	445.62	412.71	32.91	13.542		
3,400.00	3,321.76	3,371.09	3,301.06	17.35	16.99	-111.81	67.12	640.66	459.43	425.50	33.93	13.540		
3,500.00	3,418.79	3,470.13	3,397.57	17.88	17.51	-111.87	66.84	662.92	473.25	438.30	34.96	13.538		
3,600.00	3,515.82	3,569.17	3,494.08	18.42	18.02	-111.92	66.57	685.17	487.07	451.09	35.99	13.535		
3,700.00	3,612.85	3,668.21	3,590.59	18.95	18.53	-111.97	66.29	707.42	500.89	463.88	37.01	13.532		
3,800.00	3,709.88	3,767.25	3,687.09	19.49	19.04	-112.02	66.02	729.67	514.71	476.67	38.04	13.529		
3,900.00	3,806.91	3,866.29	3,783.60	20.02	19.56	-112.06	65.74	751.92	528.53	489.46	39.08	13.526		
4,000.00	3,903.94	3,965.33	3,880.11	20.56	20.07	-112.10	65.46	774.17	542.35	502.25	40.11	13.522		
4,100.00	4,000.97	4,064.37	3,976.62	21.09	20.58	-112.14	65.19	796.42	556.17	515.03	41.14	13.519		
4,200.00	4,098.00	4,163.41	4,073.12	21.63	21.10	-112.18	64.91	818.67	570.00	527.82	42.17	13.515		
4,300.00	4,195.03	4,262.44	4,169.63	22.17	21.61	-112.22	64.64	840.92	583.82	540.61	43.21	13.512		
4,400.00	4,292.06	4,361.48	4,266.14	22.71	22.13	-112.25	64.36	863.18	597.64	553.39	44.24	13.508		
4,500.00	4,389.09	4,460.52	4,362.64	23.25	22.64	-112.29	64.09	885.43	611.46	566.18	45.28	13.504		
4,600.00	4,486.12	4,559.56	4,459.15	23.78	23.16	-112.32	63.81	907.68	625.28	578.97	46.32	13.500		
4,700.00	4,583.15	4,658.60	4,555.66	24.32	23.68	-112.35	63.53	929.93	639.10	591.75	47.35	13.497		
4,800.00	4,680.18	4,757.64	4,652.17	24.86	24.19	-112.38	63.26	952.18	652.93	604.54	48.39	13.493		
4,900.00	4,777.21	4,856.68	4,748.67	25.40	24.71	-112.40	62.98	974.43	666.75	617.32	49.43	13.489		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 9C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
5,000.00	4,874.24	4,955.72	4,845.18	25.94	25.23	-112.43	62.71	996.68	680.57	630.11	50.47	13.486		
5,100.00	4,971.27	5,054.76	4,941.69	26.48	25.74	-112.46	62.43	1,018.93	694.40	642.89	51.51	13.482		
5,200.00	5,068.30	5,153.80	5,038.19	27.02	26.26	-112.48	62.15	1,041.19	708.22	655.67	52.54	13.478		
5,300.00	5,165.33	5,252.84	5,134.70	27.56	26.78	-112.51	61.88	1,063.44	722.04	668.46	53.58	13.475		
5,400.00	5,262.36	5,351.88	5,231.21	28.10	27.29	-112.53	61.60	1,085.69	735.86	681.24	54.62	13.471		
5,500.00	5,359.39	5,450.92	5,327.72	28.64	27.81	-112.55	61.33	1,107.94	749.69	694.02	55.66	13.468		
5,600.00	5,456.42	5,549.96	5,424.22	29.18	28.33	-112.57	61.05	1,130.19	763.51	706.81	56.71	13.464		
5,700.00	5,553.45	5,652.52	5,524.35	29.72	28.86	-112.65	60.78	1,152.41	777.18	719.42	57.77	13.453		
5,800.00	5,650.47	5,756.82	5,626.87	30.27	29.37	-112.99	60.54	1,171.50	790.24	731.42	58.82	13.436		
5,900.00	5,747.50	5,860.83	5,729.74	30.81	29.85	-113.58	60.35	1,186.81	802.69	742.87	59.82	13.419		
6,000.00	5,844.53	5,964.28	5,832.55	31.35	30.30	-114.42	60.21	1,198.32	814.64	753.87	60.77	13.404		
6,100.00	5,941.56	6,066.92	5,934.89	31.89	30.72	-115.47	60.11	1,206.07	826.24	764.56	61.69	13.394		
6,200.00	6,038.59	6,168.50	6,036.38	32.43	31.12	-116.73	60.06	1,210.13	837.67	775.12	62.55	13.392		
6,300.00	6,135.62	6,267.74	6,135.62	32.97	31.49	-118.14	60.05	1,210.83	849.16	785.80	63.36	13.401		
6,400.00	6,232.65	6,364.77	6,232.65	33.51	31.84	-119.52	60.05	1,210.83	861.10	796.95	64.15	13.424		
6,500.00	6,329.68	6,461.80	6,329.68	34.06	32.20	-120.87	60.05	1,210.83	873.55	808.62	64.93	13.454		
6,600.00	6,426.71	6,558.83	6,426.71	34.60	32.55	-122.19	60.05	1,210.83	886.48	820.77	65.70	13.492		
6,655.36	6,480.43	6,612.55	6,480.43	34.90	32.75	-122.90	60.05	1,210.83	893.84	827.70	66.13	13.516		
6,700.00	6,524.01	6,656.13	6,524.01	35.13	32.91	-136.12	60.05	1,210.83	899.94	833.46	66.47	13.538		
6,750.00	6,573.29	6,705.41	6,573.29	35.36	33.09	-159.56	60.05	1,210.83	906.96	840.10	66.85	13.566		
6,800.00	6,622.76	6,753.84	6,621.71	35.56	33.27	169.38	60.06	1,210.60	914.08	846.87	67.21	13.599		
6,850.00	6,672.13	6,800.47	6,668.24	35.73	33.43	143.33	60.21	1,207.63	921.37	853.82	67.54	13.641		
6,900.00	6,721.08	6,847.08	6,714.40	35.88	33.59	127.21	60.54	1,201.27	928.80	860.92	67.87	13.684		
6,950.00	6,769.31	6,893.69	6,759.97	36.03	33.77	117.47	61.03	1,191.55	936.32	868.11	68.22	13.726		
7,000.00	6,816.53	6,940.32	6,804.74	36.18	33.95	111.16	61.69	1,178.53	943.91	875.33	68.58	13.764		
7,050.00	6,862.44	6,987.01	6,848.48	36.34	34.14	106.75	62.52	1,162.24	951.49	882.53	68.96	13.797		
7,100.00	6,906.77	7,033.79	6,890.98	36.50	34.35	103.48	63.51	1,142.76	959.04	889.66	69.38	13.823		
7,150.00	6,949.23	7,080.66	6,932.02	36.68	34.58	100.94	64.65	1,120.17	966.51	896.67	69.83	13.840		
7,200.00	6,989.58	7,127.68	6,971.40	36.87	34.82	98.91	65.96	1,094.54	973.84	903.51	70.33	13.847		
7,250.00	7,027.55	7,174.84	7,008.90	37.09	35.09	97.24	67.41	1,065.98	981.01	910.13	70.87	13.841		
7,300.00	7,062.91	7,222.19	7,044.31	37.32	35.38	95.85	69.00	1,034.60	987.96	916.48	71.48	13.822		
7,350.00	7,095.45	7,269.75	7,077.42	37.59	35.70	94.67	70.73	1,000.53	994.65	922.51	72.14	13.788		
7,400.00	7,124.97	7,317.53	7,108.04	37.88	36.06	93.68	72.59	963.91	1,001.06	928.18	72.88	13.737		
7,450.00	7,151.28	7,365.56	7,135.96	38.21	36.45	92.84	74.57	924.89	1,007.13	933.44	73.68	13.668		
7,500.00	7,174.22	7,413.85	7,160.97	38.58	36.88	92.14	76.66	883.65	1,012.83	938.26	74.57	13.583		
7,550.00	7,193.65	7,462.43	7,182.91	38.98	37.35	91.56	78.86	840.38	1,018.12	942.59	75.53	13.480		
7,600.00	7,209.45	7,511.29	7,201.58	39.43	37.86	91.09	81.15	795.29	1,022.99	946.42	76.57	13.360		
7,650.00	7,221.52	7,560.46	7,216.81	39.91	38.41	90.73	83.52	748.62	1,027.39	949.71	77.68	13.225		
7,700.00	7,229.79	7,609.94	7,228.46	40.42	38.99	90.46	85.95	700.60	1,031.30	952.44	78.86	13.077		
7,750.00	7,234.21	7,659.73	7,236.38	40.97	39.61	90.30	88.45	651.52	1,034.70	954.60	80.10	12.918		
7,780.56	7,235.00	7,690.32	7,239.33	41.32	40.00	90.25	89.99	621.12	1,036.52	955.64	80.88	12.816		
7,800.00	7,235.04	7,709.84	7,240.44	41.54	40.25	90.31	90.98	601.65	1,037.61	956.23	81.38	12.751		
7,900.00	7,235.26	7,809.91	7,241.12	42.82	41.62	90.33	96.05	501.72	1,043.19	959.08	84.11	12.403		
8,000.00	7,235.47	7,909.76	7,241.29	44.25	43.12	90.33	101.11	402.00	1,048.76	961.64	87.12	12.038		
8,100.00	7,235.68	8,009.60	7,241.46	45.82	44.76	90.32	106.18	302.28	1,054.34	963.95	90.40	11.664		
8,200.00	7,235.90	8,109.45	7,241.62	47.52	46.52	90.32	111.24	202.57	1,059.92	966.01	93.90	11.287		
8,300.00	7,236.11	8,209.29	7,241.79	49.34	48.38	90.31	116.30	102.85	1,065.50	967.87	97.62	10.914		
8,400.00	7,236.32	8,309.13	7,241.95	51.25	50.34	90.31	121.36	3.14	1,071.07	969.54	101.53	10.549		
8,500.00	7,236.54	8,408.98	7,242.12	53.26	52.39	90.30	126.43	-96.58	1,076.65	971.05	105.60	10.196		
8,600.00	7,236.75	8,508.82	7,242.29	55.34	54.50	90.30	131.49	-196.29	1,082.23	972.41	109.82	9.855		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 9C-9-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,236.96	8,608.67	7,242.45	57.50	56.69	90.30	136.55	-296.01	1,087.81	973.64	114.17	9.528		
8,800.00	7,237.17	8,708.51	7,242.62	59.71	58.93	90.29	141.61	-395.73	1,093.38	974.75	118.63	9.216		
8,900.00	7,237.39	8,808.36	7,242.79	61.98	61.22	90.29	146.67	-495.44	1,098.96	975.76	123.20	8.920		
9,000.00	7,237.60	8,908.20	7,242.95	64.29	63.57	90.28	151.74	-595.16	1,104.54	976.67	127.87	8.638		
9,100.00	7,237.81	9,008.05	7,243.12	66.65	65.95	90.28	156.80	-694.87	1,110.12	977.50	132.61	8.371		
9,200.00	7,238.03	9,107.89	7,243.28	69.05	68.37	90.28	161.86	-794.59	1,115.69	978.26	137.43	8.118		
9,300.00	7,238.24	9,207.73	7,243.45	71.48	70.82	90.27	166.92	-894.31	1,121.27	978.95	142.32	7.878		
9,400.00	7,238.45	9,307.58	7,243.62	73.95	73.31	90.27	171.99	-994.02	1,126.85	979.58	147.27	7.652		
9,500.00	7,238.67	9,407.42	7,243.78	76.44	75.82	90.27	177.05	-1,093.74	1,132.43	980.15	152.27	7.437		
9,600.00	7,238.88	9,507.27	7,243.95	78.96	78.36	90.26	182.11	-1,193.45	1,138.00	980.68	157.32	7.234		
9,700.00	7,239.09	9,607.11	7,244.11	81.50	80.91	90.26	187.17	-1,293.17	1,143.58	981.16	162.42	7.041		
9,800.00	7,239.30	9,706.96	7,244.28	84.06	83.49	90.26	192.24	-1,392.88	1,149.16	981.60	167.55	6.858		
9,900.00	7,239.52	9,806.80	7,244.45	86.64	86.09	90.25	197.30	-1,492.60	1,154.74	982.01	172.73	6.685		
10,000.00	7,239.73	9,906.64	7,244.61	89.23	88.70	90.25	202.36	-1,592.32	1,160.31	982.38	177.93	6.521		
10,100.00	7,239.94	10,006.49	7,244.78	91.85	91.33	90.24	207.42	-1,692.03	1,165.89	982.72	183.17	6.365		
10,200.00	7,240.16	10,106.33	7,244.95	94.47	93.97	90.24	212.48	-1,791.75	1,171.47	983.03	188.44	6.217		
10,300.00	7,240.37	10,206.18	7,245.11	97.11	96.63	90.24	217.55	-1,891.46	1,177.05	983.32	193.73	6.076		
10,400.00	7,240.58	10,306.02	7,245.28	99.76	99.30	90.23	222.61	-1,991.18	1,182.62	983.58	199.04	5.942		
10,500.00	7,240.80	10,405.87	7,245.44	102.43	101.98	90.23	227.67	-2,090.89	1,188.20	983.82	204.38	5.814		
10,600.00	7,241.01	10,505.71	7,245.61	105.10	104.66	90.23	232.73	-2,190.61	1,193.78	984.04	209.74	5.692		
10,700.00	7,241.22	10,605.55	7,245.78	107.79	107.36	90.22	237.80	-2,290.33	1,199.36	984.24	215.12	5.575		
10,800.00	7,241.43	10,705.40	7,245.94	110.48	110.07	90.22	242.86	-2,390.04	1,204.93	984.42	220.51	5.464		
10,900.00	7,241.65	10,805.24	7,246.11	113.18	112.78	90.22	247.92	-2,489.76	1,210.51	984.59	225.92	5.358		
11,000.00	7,241.86	10,905.09	7,246.28	115.89	115.51	90.22	252.98	-2,589.47	1,216.09	984.74	231.35	5.257		
11,100.00	7,242.07	11,004.93	7,246.44	118.60	118.23	90.21	258.05	-2,689.19	1,221.67	984.88	236.78	5.159		
11,200.00	7,242.29	11,104.78	7,246.61	121.32	120.97	90.21	263.11	-2,788.90	1,227.24	985.01	242.24	5.066		
11,300.00	7,242.50	11,204.62	7,246.77	124.05	123.71	90.21	268.17	-2,888.62	1,232.82	985.12	247.70	4.977		
11,400.00	7,242.71	11,304.46	7,246.94	126.78	126.46	90.20	273.23	-2,988.34	1,238.40	985.22	253.18	4.891		
11,500.00	7,242.93	11,404.30	7,247.19	129.52	130.56	90.20	278.55	-3,137.11	1,242.71	985.22	259.99	4.780		
11,600.00	7,243.14	11,504.13	7,247.47	132.27	134.87	90.20	276.10	-3,294.66	1,241.46	974.90	266.56	4.657		
11,700.00	7,243.35	11,603.96	7,247.66	135.02	137.61	90.20	272.60	-3,394.55	1,238.46	966.41	272.05	4.552		
11,800.00	7,243.57	11,703.80	7,247.84	137.77	140.34	90.19	269.09	-3,494.45	1,235.46	957.91	277.55	4.451		
11,900.00	7,243.78	11,803.64	7,248.02	140.53	143.08	90.19	265.59	-3,594.34	1,232.46	949.40	283.06	4.354		
12,000.00	7,243.99	11,903.48	7,248.20	143.29	145.83	90.19	262.08	-3,694.23	1,229.46	940.89	288.57	4.260		
12,100.00	7,244.20	12,003.32	7,248.39	146.05	148.58	90.19	258.58	-3,794.13	1,226.46	932.36	294.10	4.170		
12,200.00	7,244.42	12,103.16	7,248.57	148.82	151.33	90.19	255.07	-3,894.02	1,223.46	923.84	299.62	4.083		
12,300.00	7,244.63	12,203.00	7,248.75	151.60	154.09	90.19	251.57	-3,993.91	1,220.46	915.30	305.16	3.999		
12,400.00	7,244.84	12,302.84	7,248.93	154.37	156.85	90.19	248.06	-4,093.81	1,217.46	906.76	310.70	3.918		
12,500.00	7,245.06	12,402.68	7,249.12	157.15	159.61	90.19	244.55	-4,193.70	1,214.46	898.21	316.25	3.840		
12,600.00	7,245.27	12,502.52	7,249.30	159.93	162.38	90.19	241.05	-4,293.59	1,211.46	889.66	321.80	3.765		
12,700.00	7,245.48	12,602.36	7,249.48	162.71	165.14	90.19	237.54	-4,393.49	1,208.47	881.11	327.36	3.692		
12,800.00	7,245.70	12,702.20	7,249.66	165.50	167.92	90.18	234.04	-4,493.38	1,205.47	872.54	332.92	3.621		
12,900.00	7,245.91	12,802.04	7,249.84	168.29	170.69	90.18	230.53	-4,593.27	1,202.47	863.98	338.49	3.552		
13,000.00	7,246.12	12,901.88	7,250.03	171.08	173.46	90.18	227.03	-4,693.17	1,199.47	855.41	344.06	3.486		
13,100.00	7,246.33	13,001.72	7,250.21	173.87	176.24	90.18	223.52	-4,793.06	1,196.47	846.83	349.64	3.422		
13,200.00	7,246.55	13,101.56	7,250.39	176.67	179.02	90.18	220.02	-4,892.95	1,193.47	838.25	355.22	3.360		
13,300.00	7,246.76	13,201.40	7,250.57	179.47	181.80	90.18	216.51	-4,992.85	1,190.47	829.67	360.80	3.300		
13,400.00	7,246.97	13,301.24	7,250.76	182.27	184.59	90.18	213.00	-5,092.74	1,187.47	821.08	366.39	3.241		
13,500.00	7,247.19	13,401.08	7,250.94	185.07	187.37	90.18	209.50	-5,192.63	1,184.47	812.49	371.98	3.184		
13,600.00	7,247.40	13,500.92	7,251.12	187.87	190.16	90.18	205.99	-5,292.53	1,181.47	803.90	377.58	3.129		
13,700.00	7,247.61	13,600.76	7,251.30	190.68	192.95	90.18	202.49	-5,392.42	1,178.47	795.30	383.17	3.076		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 9C-9-L - OH - Plan #1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD+IFR1													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
13,800.00	7,247.83	13,809.94	7,251.49	193.48	195.74	90.17	198.98	-5,492.31	1,175.47	786.70	388.78	3.024		
13,900.00	7,248.04	13,909.90	7,251.67	196.29	198.54	90.17	195.48	-5,592.21	1,172.47	778.10	394.38	2.973		
14,000.00	7,248.25	14,009.85	7,251.85	199.10	201.33	90.17	191.97	-5,692.10	1,169.48	769.49	399.99	2.924		
14,100.00	7,248.46	14,109.81	7,252.03	201.91	204.13	90.17	188.47	-5,791.99	1,166.48	760.88	405.60	2.876		
14,200.00	7,248.68	14,209.76	7,252.21	204.72	206.92	90.17	184.96	-5,891.89	1,163.48	752.27	411.21	2.829		
14,300.00	7,248.89	14,309.72	7,252.40	207.53	209.72	90.17	181.45	-5,991.78	1,160.48	743.66	416.82	2.784		
14,400.00	7,249.10	14,409.67	7,252.58	210.35	212.52	90.17	177.95	-6,091.67	1,157.48	735.04	422.44	2.740		
14,500.00	7,249.32	14,509.63	7,252.76	213.16	215.32	90.17	174.44	-6,191.57	1,154.48	726.42	428.06	2.697		
14,600.00	7,249.53	14,609.58	7,252.94	215.98	218.12	90.17	170.94	-6,291.46	1,151.48	717.80	433.68	2.655		
14,700.00	7,249.74	14,709.54	7,253.13	218.80	220.93	90.17	167.43	-6,391.35	1,148.48	709.18	439.30	2.614		
14,800.00	7,249.96	14,809.49	7,253.31	221.62	223.73	90.16	163.93	-6,491.25	1,145.48	700.55	444.93	2.575		
14,900.00	7,250.17	14,909.45	7,253.49	224.44	226.54	90.16	160.42	-6,591.14	1,142.48	691.93	450.56	2.536		
15,000.00	7,250.38	15,009.40	7,253.67	227.26	229.34	90.16	156.92	-6,691.03	1,139.48	683.30	456.18	2.498		
15,100.00	7,250.59	15,109.36	7,253.86	230.08	232.15	90.16	153.41	-6,790.93	1,136.48	674.67	461.82	2.461		
15,200.00	7,250.81	15,209.31	7,254.04	232.90	234.96	90.16	149.90	-6,890.82	1,133.49	666.04	467.45	2.425		
15,300.00	7,251.02	15,309.27	7,254.22	235.72	237.77	90.16	146.40	-6,990.71	1,130.49	657.40	473.08	2.390		
15,400.00	7,251.23	15,409.22	7,254.40	238.55	240.58	90.16	142.89	-7,090.61	1,127.49	648.77	478.72	2.355		
15,500.00	7,251.45	15,509.18	7,254.59	241.37	243.39	90.16	139.39	-7,190.50	1,124.49	640.13	484.36	2.322		
15,600.00	7,251.66	15,609.13	7,254.77	244.20	246.20	90.16	135.88	-7,290.39	1,121.49	631.49	490.00	2.289		
15,700.00	7,251.87	15,709.09	7,254.95	247.03	249.01	90.15	132.38	-7,390.29	1,118.49	622.85	495.64	2.257		
15,800.00	7,252.09	15,809.04	7,255.13	249.85	251.83	90.15	128.87	-7,490.18	1,115.49	614.21	501.28	2.225		
15,900.00	7,252.30	15,909.00	7,255.31	252.68	254.64	90.15	125.37	-7,590.07	1,112.49	605.57	506.92	2.195		
16,000.00	7,252.51	16,008.95	7,255.50	255.51	257.46	90.15	121.86	-7,689.97	1,109.49	596.92	512.57	2.165		
16,100.00	7,252.72	16,108.91	7,255.68	258.34	260.27	90.15	118.35	-7,789.86	1,106.49	588.28	518.21	2.135		
16,200.00	7,252.94	16,208.86	7,255.86	261.17	263.09	90.15	114.85	-7,889.75	1,103.49	579.63	523.86	2.106		
16,300.00	7,253.15	16,308.82	7,256.04	264.00	265.90	90.15	111.34	-7,989.65	1,100.49	570.98	529.51	2.078		
16,400.00	7,253.36	16,408.77	7,256.23	266.83	268.72	90.15	107.84	-8,089.54	1,097.49	562.33	535.16	2.051		
16,500.00	7,253.58	16,508.73	7,256.41	269.66	271.54	90.14	104.33	-8,189.43	1,094.50	553.68	540.81	2.024		
16,600.00	7,253.79	16,608.68	7,256.59	272.50	274.36	90.14	100.83	-8,289.33	1,091.50	545.03	546.46	1.997		
16,700.00	7,254.00	16,708.64	7,256.77	275.33	277.18	90.14	97.32	-8,389.22	1,088.50	536.38	552.12	1.971		
16,800.00	7,254.22	16,808.59	7,256.96	278.16	280.00	90.14	93.82	-8,489.12	1,085.50	527.73	557.77	1.946		
16,900.00	7,254.43	16,908.55	7,257.14	281.00	282.82	90.14	90.31	-8,589.01	1,082.50	519.07	563.43	1.921		
17,000.00	7,254.64	17,008.50	7,257.32	283.83	285.64	90.14	86.80	-8,688.90	1,079.50	510.42	569.08	1.897		
17,100.00	7,254.85	17,108.46	7,257.50	286.67	288.46	90.14	83.30	-8,788.80	1,076.50	501.76	574.74	1.873		
17,200.00	7,255.07	17,208.41	7,257.68	289.50	291.28	90.14	79.79	-8,888.69	1,073.50	493.10	580.40	1.850		
17,300.00	7,255.28	17,308.37	7,257.87	292.34	294.10	90.13	76.29	-8,988.58	1,070.50	484.45	586.06	1.827		
17,400.00	7,255.49	17,408.32	7,258.05	295.17	296.92	90.13	72.78	-9,088.48	1,067.50	475.79	591.72	1.804		
17,500.00	7,255.71	17,508.28	7,258.23	298.01	299.75	90.13	69.28	-9,188.37	1,064.50	467.13	597.38	1.782		
17,600.00	7,255.92	17,608.23	7,258.41	300.85	302.57	90.13	65.77	-9,288.26	1,061.50	458.47	603.04	1.760		
17,700.00	7,256.13	17,708.19	7,258.60	303.68	305.40	90.13	62.27	-9,388.16	1,058.50	449.81	608.70	1.739		
17,800.00	7,256.35	17,808.14	7,258.78	306.52	308.22	90.13	58.76	-9,488.05	1,055.51	441.14	614.36	1.718		
17,900.00	7,256.56	17,908.10	7,258.96	309.36	311.04	90.13	55.25	-9,587.94	1,052.51	432.48	620.03	1.698		
18,000.00	7,256.77	18,008.05	7,259.14	312.20	313.87	90.13	51.75	-9,687.84	1,049.51	423.82	625.69	1.677		
18,100.00	7,256.98	18,108.01	7,259.33	315.04	316.70	90.12	48.24	-9,787.73	1,046.51	415.15	631.36	1.658		
18,200.00	7,257.20	18,207.96	7,259.51	317.88	319.52	90.12	44.74	-9,887.62	1,043.51	406.49	637.02	1.638		
18,300.00	7,257.41	18,307.92	7,259.69	320.72	322.35	90.12	41.23	-9,987.52	1,040.51	397.82	642.69	1.619		
18,400.00	7,257.62	18,407.87	7,259.87	323.56	325.17	90.12	37.73	-10,087.41	1,037.51	389.16	648.35	1.600		
18,500.00	7,257.84	18,507.83	7,260.06	326.40	328.00	90.12	34.22	-10,187.30	1,034.51	380.49	654.02	1.582		
18,600.00	7,258.05	18,607.78	7,260.24	329.24	330.83	90.12	30.72	-10,287.20	1,031.51	371.82	659.69	1.564		
18,700.00	7,258.26	18,707.74	7,260.42	332.08	333.66	90.12	27.21	-10,387.09	1,028.51	363.15	665.36	1.546		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 9C-9-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,800.00	7,258.48	18,807.69	7,260.60	334.92	336.48	90.12	23.70	-10,486.98	1,025.51	354.49	671.03	1.528		
18,900.00	7,258.69	18,907.65	7,260.78	337.76	339.31	90.11	20.20	-10,586.88	1,022.51	345.82	676.70	1.511		
19,000.00	7,258.90	19,007.60	7,260.97	340.60	342.14	90.11	16.69	-10,686.77	1,019.52	337.15	682.37	1.494 Level 3		
19,046.19	7,259.00	19,025.91	7,261.00	341.92	342.66	90.11	16.05	-10,705.07	1,018.51	333.95	684.56	1.488 Level 3, SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 9N-9C-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	0.53	89.98	0.83	89.99					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	89.98	0.83	89.99	83.42	6.57	13.698		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	89.98	0.83	89.99	83.31	6.67	13.483 CC, ES		
300.00	300.00	299.39	299.37	3.44	3.44	1.61	90.28	2.53	90.32	83.43	6.89	13.114		
400.00	399.98	398.60	398.45	3.60	3.60	-121.12	91.18	7.61	92.40	85.20	7.20	12.840		
500.00	499.84	497.56	497.03	3.79	3.80	-118.74	92.66	16.04	97.26	89.66	7.59	12.807		
600.00	599.45	596.16	594.90	4.03	4.04	-116.46	94.73	27.77	104.90	96.82	8.08	12.987		
700.00	698.70	694.31	691.86	4.30	4.32	-114.40	97.37	42.73	115.30	106.66	8.64	13.351		
800.00	797.47	792.01	787.80	4.61	4.64	-112.63	100.57	60.85	128.40	119.14	9.26	13.864		
900.00	895.62	890.14	884.60	4.95	5.05	-111.85	104.05	80.61	143.42	133.41	10.01	14.325		
1,000.00	993.06	989.49	981.18	5.33	5.36	-112.32	107.53	100.32	159.75	149.07	10.68	14.956		
1,100.00	1,090.08	1,087.97	1,077.61	5.74	5.75	-113.48	111.00	120.01	176.78	165.32	11.46	15.425		
1,200.00	1,187.11	1,186.46	1,174.04	6.17	6.15	-114.44	114.47	139.69	193.87	181.59	12.27	15.796		
1,300.00	1,284.14	1,284.94	1,270.48	6.61	6.57	-115.24	117.94	159.38	211.00	197.88	13.12	16.088		
1,400.00	1,381.17	1,383.42	1,366.91	7.07	7.00	-115.92	121.41	179.06	228.17	214.19	13.98	16.321		
1,500.00	1,478.20	1,481.90	1,463.34	7.55	7.44	-116.51	124.88	198.75	245.36	230.50	14.86	16.507		
1,600.00	1,575.23	1,580.38	1,559.77	8.03	7.89	-117.02	128.35	218.43	262.57	246.81	15.76	16.656		
1,700.00	1,672.26	1,678.87	1,656.21	8.52	8.34	-117.46	131.82	238.11	279.81	263.13	16.68	16.778		
1,800.00	1,769.29	1,777.35	1,752.64	9.01	8.79	-117.86	135.29	257.80	297.05	279.45	17.60	16.877		
1,900.00	1,866.32	1,875.83	1,849.07	9.51	9.26	-118.21	138.76	277.48	314.31	295.78	18.54	16.958		
2,000.00	1,963.35	1,974.31	1,945.50	10.02	9.72	-118.52	142.23	297.17	331.58	312.11	19.48	17.025		
2,100.00	2,060.38	2,072.79	2,041.93	10.53	10.19	-118.81	145.71	316.85	348.86	328.44	20.43	17.080		
2,200.00	2,157.41	2,171.28	2,138.37	11.04	10.66	-119.06	149.18	336.53	366.15	344.77	21.38	17.126		
2,300.00	2,254.44	2,269.76	2,234.80	11.56	11.13	-119.30	152.65	356.22	383.44	361.10	22.34	17.164		
2,400.00	2,351.47	2,368.24	2,331.23	12.07	11.61	-119.51	156.12	375.90	400.74	377.43	23.30	17.196		
2,500.00	2,448.50	2,466.72	2,427.66	12.59	12.08	-119.71	159.59	395.59	418.04	393.77	24.27	17.223		
2,600.00	2,545.53	2,565.20	2,524.10	13.12	12.56	-119.89	163.06	415.27	435.35	410.10	25.24	17.246		
2,700.00	2,642.56	2,663.69	2,620.53	13.64	13.04	-120.05	166.53	434.95	452.66	426.44	26.22	17.265		
2,800.00	2,739.59	2,762.17	2,716.96	14.17	13.52	-120.21	170.00	454.64	469.97	442.78	27.20	17.281		
2,900.00	2,836.62	2,860.65	2,813.39	14.69	14.00	-120.35	173.47	474.32	487.29	459.12	28.18	17.294		
3,000.00	2,933.65	2,959.13	2,909.83	15.22	14.49	-120.48	176.94	494.01	504.61	475.45	29.16	17.306		
3,100.00	3,030.68	3,057.61	3,006.26	15.75	14.97	-120.61	180.41	513.69	521.94	491.79	30.14	17.315		
3,200.00	3,127.71	3,156.10	3,102.69	16.28	15.46	-120.72	183.88	533.37	539.26	508.13	31.13	17.323		
3,300.00	3,224.74	3,254.58	3,199.12	16.82	15.94	-120.83	187.36	553.06	556.59	524.47	32.12	17.330		
3,400.00	3,321.76	3,353.06	3,295.56	17.35	16.43	-120.94	190.83	572.74	573.92	540.81	33.11	17.335		
3,500.00	3,418.79	3,451.54	3,391.99	17.88	16.92	-121.03	194.30	592.43	591.25	557.15	34.10	17.340		
3,600.00	3,515.82	3,550.02	3,488.42	18.42	17.41	-121.12	197.77	612.11	608.58	573.49	35.09	17.343		
3,700.00	3,612.85	3,648.51	3,584.85	18.95	17.89	-121.21	201.24	631.80	625.91	589.83	36.08	17.346		
3,800.00	3,709.88	3,746.99	3,681.28	19.49	18.38	-121.29	204.71	651.48	643.25	606.17	37.08	17.349		
3,900.00	3,806.91	3,845.47	3,777.72	20.02	18.87	-121.37	208.18	671.16	660.58	622.51	38.07	17.350		
4,000.00	3,903.94	3,943.95	3,874.15	20.56	19.36	-121.44	211.65	690.85	677.92	638.85	39.07	17.352		
4,100.00	4,000.97	4,042.43	3,970.58	21.09	19.85	-121.51	215.12	710.53	695.26	655.19	40.07	17.353		
4,200.00	4,098.00	4,140.92	4,067.01	21.63	20.34	-121.58	218.59	730.22	712.60	671.53	41.06	17.353		
4,300.00	4,195.03	4,239.40	4,163.45	22.17	20.84	-121.64	222.06	749.90	729.94	687.88	42.06	17.353		
4,400.00	4,292.06	4,337.88	4,259.88	22.71	21.33	-121.70	225.53	769.58	747.28	704.22	43.06	17.353		
4,500.00	4,389.09	4,436.36	4,356.31	23.25	21.82	-121.76	229.01	789.27	764.62	720.56	44.06	17.353		
4,600.00	4,486.12	4,534.84	4,452.74	23.78	22.31	-121.81	232.48	808.95	781.96	736.90	45.06	17.353		
4,700.00	4,583.15	4,633.33	4,549.18	24.32	22.80	-121.86	235.95	828.64	799.31	753.24	46.06	17.352		
4,800.00	4,680.18	4,731.81	4,645.61	24.86	23.30	-121.91	239.42	848.32	816.65	769.59	47.07	17.351		
4,900.00	4,777.21	4,830.29	4,742.04	25.40	23.79	-121.96	242.89	868.00	834.00	785.93	48.07	17.351		
5,000.00	4,874.24	4,928.77	4,838.47	25.94	24.28	-122.01	246.36	887.69	851.34	802.27	49.07	17.350		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Falken 9N-9C-L - OH - Plan #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	5,027.26	4,934.91	26.48	24.78	-122.05	249.83	907.37	868.69	818.61	50.07	17.348		
5,200.00	5,068.30	5,125.74	5,031.34	27.02	25.27	-122.10	253.30	927.06	886.03	834.95	51.08	17.347		
5,300.00	5,165.33	5,224.22	5,127.77	27.56	25.76	-122.14	256.77	946.74	903.38	851.30	52.08	17.346		
5,400.00	5,262.36	5,322.70	5,224.20	28.10	26.26	-122.18	260.24	966.42	920.72	867.64	53.08	17.345		
5,500.00	5,359.39	5,421.18	5,320.63	28.64	26.75	-122.21	263.71	986.11	938.07	883.98	54.09	17.343		
5,600.00	5,456.42	5,519.67	5,417.07	29.18	27.24	-122.25	267.18	1,005.79	955.42	900.33	55.09	17.342		
5,700.00	5,553.45	5,618.15	5,513.50	29.72	27.74	-122.29	270.66	1,025.48	972.77	916.67	56.10	17.340		
5,800.00	5,650.47	5,716.63	5,609.93	30.27	28.23	-122.32	274.13	1,045.16	990.11	933.01	57.10	17.339		
5,900.00	5,747.50	5,815.11	5,706.36	30.81	28.73	-122.35	277.60	1,064.84	1,007.46	949.35	58.11	17.337		
6,000.00	5,844.53	5,913.59	5,802.80	31.35	29.22	-122.38	281.07	1,084.53	1,024.81	965.70	59.12	17.336		
6,100.00	5,941.56	6,012.08	5,899.23	31.89	29.72	-122.42	284.54	1,104.21	1,042.16	982.04	60.12	17.334		
6,200.00	6,038.59	6,110.56	5,995.66	32.43	30.21	-122.45	288.01	1,123.90	1,059.51	998.38	61.13	17.333		
6,300.00	6,135.62	6,209.04	6,092.09	32.97	30.71	-122.47	291.48	1,143.58	1,076.86	1,014.73	62.13	17.331		
6,400.00	6,232.65	6,307.52	6,188.53	33.51	31.20	-122.50	294.95	1,163.27	1,094.21	1,031.07	63.14	17.329		
6,500.00	6,329.68	6,406.00	6,284.96	34.06	31.70	-122.53	298.42	1,182.95	1,111.56	1,047.41	64.15	17.328		
6,600.00	6,426.71	6,504.48	6,381.42	34.60	32.19	-122.56	301.90	1,202.47	1,128.91	1,063.76	65.15	17.327		
6,655.36	6,480.43	6,558.70	6,435.09	34.90	32.44	-122.76	303.90	1,209.82	1,138.52	1,072.85	65.67	17.336		
6,700.00	6,524.01	6,601.93	6,478.20	35.13	32.62	-135.91	305.58	1,212.39	1,146.38	1,080.33	66.05	17.355		
6,750.00	6,573.29	6,649.96	6,526.17	35.36	32.80	-159.51	307.52	1,211.80	1,155.39	1,088.96	66.43	17.393		
6,800.00	6,622.76	6,697.61	6,573.59	35.56	32.97	169.07	309.52	1,207.64	1,164.55	1,097.78	66.77	17.442		
6,850.00	6,672.13	6,744.92	6,620.22	35.73	33.14	142.60	311.55	1,200.02	1,173.81	1,106.72	67.09	17.497		
6,900.00	6,721.08	6,791.91	6,665.85	35.88	33.32	126.07	313.61	1,189.04	1,183.09	1,115.69	67.41	17.551		
6,950.00	6,769.31	6,838.63	6,710.30	36.03	33.50	115.95	315.69	1,174.81	1,192.36	1,124.62	67.74	17.603		
7,000.00	6,816.53	6,885.11	6,753.35	36.18	33.69	109.26	317.78	1,157.45	1,201.53	1,133.45	68.08	17.648		
7,050.00	6,862.44	6,931.38	6,794.85	36.34	33.90	104.49	319.86	1,137.10	1,210.56	1,142.11	68.45	17.685		
7,100.00	6,906.77	6,977.48	6,834.60	36.50	34.12	100.88	321.94	1,113.88	1,219.38	1,150.53	68.85	17.711		
7,150.00	6,949.23	7,023.44	6,872.46	36.68	34.36	98.02	324.00	1,087.92	1,227.94	1,158.66	69.28	17.724		
7,200.00	6,989.58	7,069.29	6,908.26	36.87	34.61	95.69	326.03	1,059.37	1,236.19	1,166.44	69.75	17.722		
7,250.00	7,027.55	7,115.05	6,941.85	37.09	34.89	93.75	328.01	1,028.37	1,244.07	1,173.79	70.27	17.703		
7,300.00	7,062.91	7,160.76	6,973.09	37.32	35.19	92.10	329.96	995.08	1,251.53	1,180.68	70.85	17.665		
7,350.00	7,095.45	7,206.42	7,001.85	37.59	35.52	90.70	331.84	959.66	1,258.52	1,187.04	71.48	17.606		
7,400.00	7,124.97	7,252.08	7,027.98	37.88	35.88	89.50	333.66	922.28	1,265.01	1,192.82	72.19	17.524		
7,450.00	7,151.28	7,297.74	7,051.36	38.21	36.27	88.49	335.41	883.11	1,270.95	1,197.99	72.96	17.419		
7,500.00	7,174.22	7,343.42	7,071.89	38.58	36.70	87.63	337.08	842.35	1,276.31	1,202.49	73.82	17.290		
7,550.00	7,193.65	7,389.15	7,089.46	38.98	37.16	86.92	338.65	800.17	1,281.05	1,206.30	74.75	17.138		
7,600.00	7,209.45	7,434.92	7,103.98	39.43	37.65	86.34	340.13	756.79	1,285.15	1,209.39	75.75	16.965		
7,650.00	7,221.52	7,480.77	7,115.35	39.91	38.17	85.90	341.50	712.42	1,288.57	1,211.75	76.83	16.773		
7,700.00	7,229.79	7,526.68	7,123.52	40.42	38.71	85.59	342.76	667.26	1,291.31	1,213.35	77.96	16.564		
7,750.00	7,234.21	7,572.69	7,128.41	40.97	39.28	85.40	343.90	621.54	1,293.34	1,214.19	79.15	16.341		
7,780.56	7,235.00	7,600.85	7,129.78	41.32	39.63	85.34	344.53	593.42	1,294.23	1,214.34	79.89	16.199		
7,800.00	7,235.04	7,618.98	7,130.00	41.54	39.87	85.35	344.92	575.30	1,294.72	1,214.35	80.38	16.108		
7,900.00	7,235.26	7,718.94	7,130.20	42.82	41.25	85.36	346.98	475.35	1,297.29	1,214.17	83.12	15.608		
8,000.00	7,235.47	7,818.91	7,130.39	44.25	42.77	85.36	349.05	375.41	1,299.86	1,213.72	86.14	15.090		
8,100.00	7,235.68	7,918.88	7,130.58	45.82	44.42	85.37	351.12	275.46	1,302.43	1,213.00	89.43	14.564		
8,200.00	7,235.90	8,018.84	7,130.78	47.52	46.19	85.38	353.19	175.52	1,305.00	1,212.05	92.95	14.040		
8,300.00	7,236.11	8,118.81	7,130.97	49.34	48.07	85.39	355.25	75.57	1,307.57	1,210.89	96.68	13.525		
8,400.00	7,236.32	8,218.78	7,131.17	51.25	50.04	85.40	357.32	-24.37	1,310.14	1,209.55	100.60	13.024		
8,500.00	7,236.54	8,318.74	7,131.36	53.26	52.09	85.41	359.39	-124.32	1,312.71	1,208.03	104.68	12.541		
8,600.00	7,236.75	8,418.71	7,131.55	55.34	54.22	85.41	361.46	-224.26	1,315.28	1,206.38	108.91	12.077		
8,700.00	7,236.96	8,518.68	7,131.75	57.50	56.41	85.42	363.52	-324.21	1,317.85	1,204.59	113.26	11.635		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 9N-9C-L - OH - Plan #1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD+IFR1													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	8,618.65	7,131.94	59.71	58.66	85.43	365.59	-424.15	1,320.42	1,202.68	117.74	11.215		
8,900.00	7,237.39	8,718.61	7,132.13	61.98	60.97	85.44	367.66	-524.10	1,322.99	1,200.68	122.31	10.816		
9,000.00	7,237.60	8,818.58	7,132.33	64.29	63.31	85.45	369.73	-624.04	1,325.56	1,198.58	126.98	10.439		
9,100.00	7,237.81	8,918.55	7,132.52	66.65	65.70	85.45	371.79	-723.99	1,328.13	1,196.40	131.73	10.082		
9,200.00	7,238.03	9,018.51	7,132.72	69.05	68.13	85.46	373.86	-823.93	1,330.70	1,194.14	136.56	9.745		
9,300.00	7,238.24	9,118.48	7,132.91	71.48	70.59	85.47	375.93	-923.88	1,333.27	1,191.82	141.45	9.426		
9,400.00	7,238.45	9,218.45	7,133.10	73.95	73.08	85.48	378.00	-1,023.82	1,335.84	1,189.44	146.39	9.125		
9,500.00	7,238.67	9,318.41	7,133.30	76.44	75.59	85.49	380.07	-1,123.77	1,338.41	1,187.01	151.40	8.840		
9,600.00	7,238.88	9,418.38	7,133.49	78.96	78.13	85.49	382.13	-1,223.71	1,340.98	1,184.53	156.45	8.571		
9,700.00	7,239.09	9,518.35	7,133.69	81.50	80.69	85.50	384.20	-1,323.66	1,343.55	1,182.00	161.54	8.317		
9,800.00	7,239.30	9,618.31	7,133.88	84.06	83.28	85.51	386.27	-1,423.60	1,346.12	1,179.44	166.68	8.076		
9,900.00	7,239.52	9,718.28	7,134.07	86.64	85.87	85.52	388.34	-1,523.55	1,348.69	1,176.84	171.85	7.848		
10,000.00	7,239.73	9,818.25	7,134.27	89.23	88.49	85.53	390.40	-1,623.49	1,351.26	1,174.20	177.06	7.632		
10,100.00	7,239.94	9,918.21	7,134.46	91.85	91.12	85.53	392.47	-1,723.44	1,353.83	1,171.54	182.29	7.427		
10,200.00	7,240.16	10,018.18	7,134.65	94.47	93.77	85.54	394.54	-1,823.39	1,356.40	1,168.84	187.56	7.232		
10,300.00	7,240.37	10,118.15	7,134.85	97.11	96.42	85.55	396.61	-1,923.33	1,358.97	1,166.13	192.84	7.047		
10,400.00	7,240.58	10,218.11	7,135.04	99.76	99.09	85.56	398.67	-2,023.28	1,361.54	1,163.38	198.16	6.871		
10,500.00	7,240.80	10,318.08	7,135.24	102.43	101.77	85.56	400.74	-2,123.22	1,364.11	1,160.62	203.49	6.704		
10,600.00	7,241.01	10,418.05	7,135.43	105.10	104.46	85.57	402.81	-2,223.17	1,366.68	1,157.84	208.84	6.544		
10,700.00	7,241.22	10,518.01	7,135.62	107.79	107.16	85.58	404.88	-2,323.11	1,369.25	1,155.03	214.22	6.392		
10,800.00	7,241.43	10,617.98	7,135.82	110.48	109.87	85.59	406.94	-2,423.06	1,371.82	1,152.22	219.61	6.247		
10,900.00	7,241.65	10,717.95	7,136.01	113.18	112.58	85.59	409.01	-2,523.00	1,374.39	1,149.38	225.01	6.108		
11,000.00	7,241.86	10,817.92	7,136.21	115.89	115.30	85.60	411.08	-2,622.95	1,376.96	1,146.53	230.43	5.976		
11,100.00	7,242.07	10,917.88	7,136.40	118.60	118.03	85.61	413.15	-2,722.89	1,379.53	1,143.67	235.86	5.849		
11,200.00	7,242.29	11,017.85	7,136.59	121.32	120.77	85.62	415.21	-2,822.84	1,382.10	1,140.79	241.31	5.727		
11,300.00	7,242.50	11,117.82	7,136.79	124.05	123.51	85.62	417.28	-2,922.78	1,384.67	1,137.90	246.77	5.611		
11,400.00	7,242.71	11,217.78	7,136.98	126.78	126.25	85.63	419.35	-3,022.73	1,387.24	1,135.00	252.24	5.500		
11,500.00	7,242.93	11,317.75	7,137.17	129.52	129.00	85.64	421.42	-3,122.67	1,389.81	1,132.09	257.72	5.393		
11,600.00	7,243.14	11,417.72	7,137.37	132.27	131.76	85.65	423.49	-3,222.62	1,392.38	1,129.17	263.21	5.290		
11,700.00	7,243.35	11,517.68	7,137.56	135.02	134.52	85.65	425.55	-3,322.56	1,394.95	1,126.24	268.71	5.191		
11,800.00	7,243.57	11,617.65	7,137.76	137.77	137.29	85.66	427.62	-3,422.51	1,397.52	1,123.30	274.22	5.096		
11,900.00	7,243.78	11,717.62	7,137.95	140.53	140.06	85.67	429.69	-3,522.45	1,400.09	1,120.36	279.74	5.005		
12,000.00	7,243.99	11,817.58	7,138.14	143.29	142.83	85.67	431.76	-3,622.40	1,402.67	1,117.40	285.26	4.917		
12,100.00	7,244.20	11,917.55	7,138.34	146.05	145.61	85.68	433.82	-3,722.34	1,405.24	1,114.44	290.79	4.832		
12,200.00	7,244.42	12,017.52	7,138.53	148.82	148.39	85.69	435.89	-3,822.29	1,407.81	1,111.47	296.33	4.751		
12,300.00	7,244.63	12,117.48	7,138.72	151.60	151.17	85.70	437.96	-3,922.24	1,410.38	1,108.50	301.88	4.672		
12,400.00	7,244.84	12,217.45	7,138.92	154.37	153.96	85.70	440.03	-4,022.18	1,412.95	1,105.52	307.43	4.596		
12,500.00	7,245.06	12,317.42	7,139.11	157.15	156.74	85.71	442.09	-4,122.13	1,415.52	1,102.53	312.99	4.523		
12,600.00	7,245.27	12,417.38	7,139.31	159.93	159.54	85.72	444.16	-4,222.07	1,418.09	1,099.54	318.55	4.452		
12,700.00	7,245.48	12,517.35	7,139.50	162.71	162.33	85.72	446.23	-4,322.02	1,420.66	1,096.54	324.12	4.383		
12,800.00	7,245.70	12,617.32	7,139.69	165.50	165.13	85.73	448.30	-4,421.96	1,423.23	1,093.54	329.69	4.317		
12,900.00	7,245.91	12,717.28	7,139.89	168.29	167.93	85.74	450.36	-4,521.91	1,425.80	1,090.53	335.27	4.253		
13,000.00	7,246.12	12,817.25	7,140.08	171.08	170.73	85.74	452.43	-4,621.85	1,428.37	1,087.52	340.85	4.191		
13,100.00	7,246.33	12,917.22	7,140.28	173.87	173.53	85.75	454.50	-4,721.80	1,430.94	1,084.50	346.44	4.130		
13,200.00	7,246.55	13,017.18	7,140.47	176.67	176.34	85.76	456.57	-4,821.74	1,433.51	1,081.48	352.03	4.072		
13,300.00	7,246.76	13,117.15	7,140.66	179.47	179.14	85.76	458.63	-4,921.69	1,436.08	1,078.46	357.62	4.016		
13,400.00	7,246.97	13,217.12	7,140.86	182.27	181.95	85.77	460.70	-5,021.63	1,438.65	1,075.43	363.22	3.961		
13,500.00	7,247.19	13,317.09	7,141.05	185.07	184.76	85.78	462.77	-5,121.58	1,441.23	1,072.40	368.83	3.908		
13,600.00	7,247.40	13,417.05	7,141.24	187.87	187.58	85.79	464.84	-5,221.52	1,443.80	1,069.37	374.43	3.856		
13,700.00	7,247.61	13,517.02	7,141.44	190.68	190.39	85.79	466.90	-5,321.47	1,446.37	1,066.33	380.04	3.806		
13,800.00	7,247.83	13,616.99	7,141.63	193.48	193.21	85.80	468.97	-5,421.41	1,448.94	1,063.29	385.65	3.757		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 9N-9C-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.04	13,716.95	7,141.83	196.29	196.02	85.81	471.04	-5,521.36	1,451.51	1,060.24	391.27	3.710		
14,000.00	7,248.25	13,816.92	7,142.02	199.10	198.84	85.81	473.11	-5,621.30	1,454.08	1,057.20	396.88	3.664		
14,100.00	7,248.46	13,916.89	7,142.21	201.91	201.66	85.82	475.18	-5,721.25	1,456.65	1,054.15	402.51	3.619		
14,200.00	7,248.68	14,016.85	7,142.41	204.72	204.48	85.83	477.24	-5,821.19	1,459.22	1,051.09	408.13	3.575		
14,300.00	7,248.89	14,116.82	7,142.60	207.53	207.30	85.83	479.31	-5,921.14	1,461.79	1,048.04	413.75	3.533		
14,400.00	7,249.10	14,216.79	7,142.80	210.35	210.13	85.84	481.38	-6,021.09	1,464.36	1,044.98	419.38	3.492		
14,500.00	7,249.32	14,316.75	7,142.99	213.16	212.95	85.85	483.45	-6,121.03	1,466.93	1,041.92	425.01	3.452		
14,600.00	7,249.53	14,416.72	7,143.18	215.98	215.78	85.85	485.51	-6,220.98	1,469.51	1,038.86	430.65	3.412		
14,700.00	7,249.74	14,516.69	7,143.38	218.80	218.60	85.86	487.58	-6,320.92	1,472.08	1,035.80	436.28	3.374		
14,800.00	7,249.96	14,616.65	7,143.57	221.62	221.43	85.86	489.65	-6,420.87	1,474.65	1,032.73	441.92	3.337		
14,900.00	7,250.17	14,716.62	7,143.76	224.44	224.26	85.87	491.72	-6,520.81	1,477.22	1,029.66	447.56	3.301		
15,000.00	7,250.38	14,816.59	7,143.96	227.26	227.09	85.88	493.78	-6,620.76	1,479.79	1,026.59	453.20	3.265		
15,100.00	7,250.59	14,999.83	7,144.32	230.08	232.26	85.88	493.02	-6,803.97	1,480.16	1,019.50	460.67	3.213		
15,200.00	7,250.81	15,114.17	7,144.54	232.90	235.46	85.86	487.96	-6,918.19	1,476.20	1,009.76	466.45	3.165		
15,300.00	7,251.02	15,214.09	7,144.74	235.72	238.27	85.85	483.42	-7,018.01	1,472.18	1,000.12	472.06	3.119		
15,400.00	7,251.23	15,314.00	7,144.93	238.55	241.07	85.84	478.88	-7,117.82	1,468.15	990.48	477.67	3.074		
15,500.00	7,251.45	15,413.92	7,145.13	241.37	243.87	85.83	474.34	-7,217.64	1,464.13	980.84	483.28	3.030		
15,600.00	7,251.66	15,513.84	7,145.33	244.20	246.68	85.82	469.80	-7,317.45	1,460.10	971.20	488.90	2.987		
15,700.00	7,251.87	15,613.76	7,145.52	247.03	249.48	85.80	465.26	-7,417.27	1,456.08	961.56	494.52	2.944		
15,800.00	7,252.09	15,713.68	7,145.72	249.85	252.29	85.79	460.72	-7,517.08	1,452.05	951.92	500.13	2.903		
15,900.00	7,252.30	15,813.60	7,145.92	252.68	255.10	85.78	456.18	-7,616.90	1,448.03	942.28	505.75	2.863		
16,000.00	7,252.51	15,913.52	7,146.11	255.51	257.90	85.77	451.64	-7,716.71	1,444.00	932.63	511.37	2.824		
16,100.00	7,252.72	16,013.43	7,146.31	258.34	260.71	85.75	447.10	-7,816.53	1,439.98	922.99	516.99	2.785		
16,200.00	7,252.94	16,113.35	7,146.51	261.17	263.52	85.74	442.56	-7,916.34	1,435.96	913.34	522.61	2.748		
16,300.00	7,253.15	16,213.27	7,146.70	264.00	266.33	85.73	438.01	-8,016.16	1,431.93	903.70	528.24	2.711		
16,400.00	7,253.36	16,313.19	7,146.90	266.83	269.14	85.72	433.47	-8,115.97	1,427.91	894.05	533.86	2.675		
16,500.00	7,253.58	16,413.11	7,147.10	269.66	271.95	85.70	428.93	-8,215.79	1,423.88	884.40	539.48	2.639		
16,600.00	7,253.79	16,513.03	7,147.29	272.50	274.77	85.69	424.39	-8,315.60	1,419.86	874.75	545.11	2.605		
16,700.00	7,254.00	16,612.95	7,147.49	275.33	277.58	85.68	419.85	-8,415.42	1,415.84	865.10	550.74	2.571		
16,800.00	7,254.22	16,712.86	7,147.69	278.16	280.39	85.66	415.31	-8,515.23	1,411.81	855.45	556.36	2.538		
16,900.00	7,254.43	16,812.78	7,147.88	281.00	283.20	85.65	410.77	-8,615.05	1,407.79	845.80	561.99	2.505		
17,000.00	7,254.64	16,912.70	7,148.08	283.83	286.02	85.64	406.23	-8,714.86	1,403.76	836.15	567.62	2.473		
17,100.00	7,254.85	17,012.62	7,148.27	286.67	288.83	85.62	401.69	-8,814.68	1,399.74	826.49	573.25	2.442		
17,200.00	7,255.07	17,112.54	7,148.47	289.50	291.65	85.61	397.15	-8,914.49	1,395.72	816.84	578.88	2.411		
17,300.00	7,255.28	17,212.46	7,148.67	292.34	294.46	85.60	392.61	-9,014.31	1,391.69	807.19	584.51	2.381		
17,400.00	7,255.49	17,312.37	7,148.86	295.17	297.28	85.58	388.07	-9,114.13	1,387.67	797.53	590.14	2.351		
17,500.00	7,255.71	17,412.29	7,149.06	298.01	300.10	85.57	383.53	-9,213.94	1,383.65	787.88	595.77	2.322		
17,600.00	7,255.92	17,512.21	7,149.26	300.85	302.91	85.56	378.99	-9,313.76	1,379.62	778.22	601.40	2.294		
17,700.00	7,256.13	17,612.13	7,149.45	303.68	305.73	85.54	374.45	-9,413.57	1,375.60	768.57	607.04	2.266		
17,800.00	7,256.35	17,712.05	7,149.65	306.52	308.55	85.53	369.91	-9,513.39	1,371.58	758.91	612.67	2.239		
17,900.00	7,256.56	17,811.97	7,149.85	309.36	311.37	85.52	365.36	-9,613.20	1,367.55	749.25	618.30	2.212		
18,000.00	7,256.77	17,911.89	7,150.04	312.20	314.19	85.50	360.82	-9,713.02	1,363.53	739.60	623.94	2.185		
18,100.00	7,256.98	18,011.80	7,150.24	315.04	317.00	85.49	356.28	-9,812.83	1,359.51	729.94	629.57	2.159		
18,200.00	7,257.20	18,111.72	7,150.44	317.88	319.82	85.47	351.74	-9,912.65	1,355.49	720.28	635.20	2.134		
18,300.00	7,257.41	18,211.64	7,150.63	320.72	322.64	85.46	347.20	-10,012.46	1,351.46	710.62	640.84	2.109		
18,400.00	7,257.62	18,311.56	7,150.83	323.56	325.46	85.45	342.66	-10,112.28	1,347.44	700.97	646.48	2.084		
18,500.00	7,257.84	18,411.48	7,151.03	326.40	328.29	85.43	338.12	-10,212.09	1,343.42	691.31	652.11	2.060		
18,600.00	7,258.05	18,511.40	7,151.22	329.24	331.11	85.42	333.58	-10,311.91	1,339.40	681.65	657.75	2.036		
18,700.00	7,258.26	18,611.32	7,151.42	332.08	333.93	85.40	329.04	-10,411.72	1,335.37	671.99	663.38	2.013		
18,800.00	7,258.48	18,711.23	7,151.62	334.92	336.75	85.39	324.50	-10,511.54	1,331.35	662.33	669.02	1.990		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - Falken 9N-9C-L - OH - Plan #1													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 0-MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
18,900.00	7,258.69	18,811.15	7,151.81	337.76	339.57	85.37	319.96	-10,611.35	1,327.33	652.67	674.66	1.967		
19,000.00	7,258.90	18,911.07	7,152.01	340.60	342.39	85.36	315.42	-10,711.17	1,323.31	643.01	680.29	1.945		
19,046.19	7,259.00	18,906.26	7,152.00	341.92	342.26	85.36	315.64	-10,706.36	1,322.43	640.29	682.14	1.939 SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - GILLESPIE #11-1(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	4.00	-4.00	3.28	3.28	-47.93	1,531.96	-1,697.13	2,286.30					
100.00	100.00	104.00	96.00	3.28	3.78	-47.93	1,531.96	-1,697.13	2,286.30	2,279.23	7.07	323.479		
200.00	200.00	204.00	196.00	3.34	6.30	-47.93	1,531.96	-1,697.13	2,286.30	2,276.66	9.63	237.297		
300.00	300.00	304.00	296.00	3.44	9.45	-47.93	1,531.96	-1,697.13	2,286.30	2,273.40	12.90	177.243 CC		
400.00	399.98	404.02	395.98	3.60	12.79	-172.93	1,531.96	-1,697.13	2,288.03	2,271.64	16.38	139.647		
500.00	499.84	504.16	495.84	3.79	16.19	-172.93	1,531.96	-1,697.13	2,293.22	2,273.24	19.98	114.759		
600.00	599.45	604.55	595.45	4.03	19.64	-172.94	1,531.96	-1,697.13	2,301.87	2,278.21	23.66	97.275		
700.00	698.70	705.30	694.70	4.30	23.11	-172.95	1,531.96	-1,697.13	2,313.97	2,286.56	27.41	84.421		
800.00	797.47	806.53	793.47	4.61	26.61	-172.95	1,531.96	-1,697.13	2,329.49	2,298.28	31.21	74.630		
900.00	895.62	908.38	891.62	4.95	30.14	-172.96	1,531.96	-1,697.13	2,348.44	2,313.36	35.07	66.961		
1,000.00	993.06	989.06	989.06	5.33	32.95	-172.97	1,531.96	-1,697.13	2,370.77	2,332.55	38.22	62.028		
1,100.00	1,090.08	1,086.08	1,086.08	5.74	36.32	-173.05	1,531.96	-1,697.13	2,394.79	2,352.84	41.95	57.081		
1,200.00	1,187.11	1,183.11	1,183.11	6.17	39.69	-173.11	1,531.96	-1,697.13	2,418.82	2,373.12	45.70	52.928		
1,300.00	1,284.14	1,280.14	1,280.14	6.61	43.07	-173.18	1,531.96	-1,697.13	2,442.85	2,393.39	49.46	49.389		
1,400.00	1,381.17	1,377.17	1,377.17	7.07	46.45	-173.25	1,531.96	-1,697.13	2,466.88	2,413.64	53.24	46.339		
1,500.00	1,478.20	1,474.20	1,474.20	7.55	49.83	-173.31	1,531.96	-1,697.13	2,490.92	2,433.90	57.02	43.685		
1,600.00	1,575.23	1,571.23	1,571.23	8.03	53.21	-173.38	1,531.96	-1,697.13	2,514.95	2,454.14	60.81	41.355		
1,700.00	1,672.26	1,668.26	1,668.26	8.52	56.59	-173.44	1,531.96	-1,697.13	2,539.00	2,474.38	64.61	39.295		
1,800.00	1,769.29	1,765.29	1,765.29	9.01	59.97	-173.50	1,531.96	-1,697.13	2,563.04	2,494.62	68.42	37.460		
1,900.00	1,866.32	1,862.32	1,862.32	9.51	63.35	-173.56	1,531.96	-1,697.13	2,587.09	2,514.85	72.23	35.815		
2,000.00	1,963.35	1,959.35	1,959.35	10.02	66.74	-173.62	1,531.96	-1,697.13	2,611.14	2,535.09	76.05	34.334		
2,100.00	2,060.38	2,056.38	2,056.38	10.53	70.12	-173.68	1,531.96	-1,697.13	2,635.19	2,555.32	79.87	32.993		
2,200.00	2,157.41	2,153.41	2,153.41	11.04	73.50	-173.74	1,531.96	-1,697.13	2,659.25	2,575.55	83.70	31.772		
2,300.00	2,254.44	2,250.44	2,250.44	11.56	76.89	-173.80	1,531.96	-1,697.13	2,683.30	2,595.78	87.52	30.658		
2,400.00	2,351.47	2,347.47	2,347.47	12.07	80.27	-173.85	1,531.96	-1,697.13	2,707.36	2,616.01	91.35	29.636		
2,500.00	2,448.50	2,444.50	2,444.50	12.59	83.66	-173.91	1,531.96	-1,697.13	2,731.42	2,636.24	95.19	28.695		
2,600.00	2,545.53	2,541.53	2,541.53	13.12	87.04	-173.96	1,531.96	-1,697.13	2,755.49	2,656.47	99.02	27.827		
2,700.00	2,642.56	2,638.56	2,638.56	13.64	90.43	-174.01	1,531.96	-1,697.13	2,779.56	2,676.70	102.86	27.023		
2,800.00	2,739.59	2,735.59	2,735.59	14.17	93.81	-174.06	1,531.96	-1,697.13	2,803.62	2,696.93	106.70	26.277		
2,900.00	2,836.62	2,832.62	2,832.62	14.69	97.20	-174.11	1,531.96	-1,697.13	2,827.70	2,717.16	110.54	25.582		
3,000.00	2,933.65	2,929.65	2,929.65	15.22	100.58	-174.16	1,531.96	-1,697.13	2,851.77	2,737.39	114.38	24.933		
3,100.00	3,030.68	3,026.68	3,026.68	15.75	103.97	-174.21	1,531.96	-1,697.13	2,875.84	2,757.62	118.22	24.326		
3,200.00	3,127.71	3,123.71	3,123.71	16.28	107.35	-174.26	1,531.96	-1,697.13	2,899.92	2,777.86	122.06	23.757		
3,300.00	3,224.74	3,220.74	3,220.74	16.82	110.74	-174.31	1,531.96	-1,697.13	2,924.00	2,798.09	125.91	23.223		
3,400.00	3,321.76	3,317.76	3,317.76	17.35	114.13	-174.35	1,531.96	-1,697.13	2,948.08	2,818.33	129.75	22.721		
3,500.00	3,418.79	3,414.79	3,414.79	17.88	117.51	-174.40	1,531.96	-1,697.13	2,972.16	2,838.56	133.60	22.247		
3,600.00	3,515.82	3,511.82	3,511.82	18.42	120.90	-174.45	1,531.96	-1,697.13	2,996.25	2,858.80	137.45	21.799		
3,700.00	3,612.85	3,608.85	3,608.85	18.95	124.28	-174.49	1,531.96	-1,697.13	3,020.33	2,879.04	141.29	21.376		
3,800.00	3,709.88	3,705.88	3,705.88	19.49	127.67	-174.53	1,531.96	-1,697.13	3,044.42	2,899.28	145.14	20.975		
3,900.00	3,806.91	3,802.91	3,802.91	20.02	131.06	-174.58	1,531.96	-1,697.13	3,068.51	2,919.52	148.99	20.595		
4,000.00	3,903.94	3,900.06	3,899.94	20.56	134.45	-174.62	1,531.96	-1,697.13	3,092.60	2,939.76	152.85	20.233		
4,100.00	4,000.97	4,003.03	3,996.97	21.09	138.04	-174.66	1,531.96	-1,697.13	3,116.69	2,959.79	156.90	19.864		
4,200.00	4,098.00	4,106.00	4,094.00	21.63	141.63	-174.70	1,531.96	-1,697.13	3,140.79	2,979.83	160.96	19.513		
4,300.00	4,195.03	4,208.97	4,191.03	22.17	145.23	-174.74	1,531.96	-1,697.13	3,164.88	2,999.86	165.02	19.179		
4,400.00	4,292.06	4,288.06	4,288.06	22.71	147.99	-174.78	1,531.96	-1,697.13	3,188.98	3,020.74	168.24	18.954		
4,500.00	4,389.09	4,385.09	4,385.09	23.25	151.37	-174.82	1,531.96	-1,697.13	3,213.08	3,040.98	172.10	18.670		
4,600.00	4,486.12	4,482.12	4,482.12	23.78	154.76	-174.86	1,531.96	-1,697.13	3,237.18	3,061.23	175.95	18.398		
4,700.00	4,583.15	4,579.15	4,579.15	24.32	158.15	-174.90	1,531.96	-1,697.13	3,261.28	3,081.48	179.80	18.138		
4,800.00	4,680.18	4,676.18	4,676.18	24.86	161.53	-174.94	1,531.96	-1,697.13	3,285.38	3,101.73	183.65	17.889		
4,900.00	4,777.21	4,773.21	4,773.21	25.40	164.92	-174.97	1,531.96	-1,697.13	3,309.49	3,121.98	187.51	17.650		
5,000.00	4,874.24	4,870.24	4,870.24	25.94	168.31	-175.01	1,531.96	-1,697.13	3,333.59	3,142.23	191.36	17.420		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - GILLESPIE #11-1(PA) - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
5,100.00	4,971.27	4,967.27	4,967.27	26.48	171.69	-175.04	1,531.96	-1,697.13	3,357.70	3,162.48	195.22	17.200			
5,200.00	5,068.30	5,064.30	5,064.30	27.02	175.08	-175.08	1,531.96	-1,697.13	3,381.81	3,182.74	199.07	16.988			
5,300.00	5,165.33	5,161.33	5,161.33	27.56	178.47	-175.12	1,531.96	-1,697.13	3,405.92	3,202.99	202.92	16.784			
5,400.00	5,262.36	5,258.36	5,258.36	28.10	181.85	-175.15	1,531.96	-1,697.13	3,430.03	3,223.25	206.78	16.588			
5,500.00	5,359.39	5,355.39	5,355.39	28.64	185.24	-175.18	1,531.96	-1,697.13	3,454.14	3,243.50	210.63	16.399			
5,600.00	5,456.42	5,452.42	5,452.42	29.18	188.63	-175.22	1,531.96	-1,697.13	3,478.25	3,263.76	214.49	16.216			
5,700.00	5,553.45	5,549.45	5,549.45	29.72	192.01	-175.25	1,531.96	-1,697.13	3,502.36	3,284.02	218.34	16.041			
5,800.00	5,650.47	5,646.47	5,646.47	30.27	195.40	-175.28	1,531.96	-1,697.13	3,526.48	3,304.28	222.20	15.871			
5,900.00	5,747.50	5,743.50	5,743.50	30.81	198.79	-175.31	1,531.96	-1,697.13	3,550.59	3,324.54	226.06	15.707			
6,000.00	5,844.53	5,840.53	5,840.53	31.35	202.17	-175.35	1,531.96	-1,697.13	3,574.71	3,344.80	229.91	15.548			
6,100.00	5,941.56	5,937.56	5,937.56	31.89	205.56	-175.38	1,531.96	-1,697.13	3,598.83	3,365.06	233.77	15.395			
6,200.00	6,038.59	6,034.59	6,034.59	32.43	208.95	-175.41	1,531.96	-1,697.13	3,622.94	3,385.32	237.62	15.247			
6,300.00	6,135.62	6,131.62	6,131.62	32.97	212.34	-175.44	1,531.96	-1,697.13	3,647.06	3,405.58	241.48	15.103			
6,400.00	6,232.65	6,228.65	6,228.65	33.51	215.72	-175.47	1,531.96	-1,697.13	3,671.18	3,425.85	245.34	14.964			
6,500.00	6,329.68	6,325.68	6,325.68	34.06	219.11	-175.50	1,531.96	-1,697.13	3,695.31	3,446.11	249.19	14.829			
6,600.00	6,426.71	6,422.71	6,422.71	34.60	222.50	-175.53	1,531.96	-1,697.13	3,719.43	3,466.38	253.05	14.698			
6,655.36	6,480.43	6,476.43	6,476.43	34.90	224.37	-175.54	1,531.96	-1,697.13	3,732.78	3,477.60	255.19	14.628			
6,700.00	6,524.01	6,520.01	6,520.01	35.13	225.89	-175.55	1,531.96	-1,697.13	3,742.39	3,485.48	256.91	14.567			
6,750.00	6,573.29	6,569.29	6,569.29	35.36	227.61	-175.56	1,531.96	-1,697.13	3,750.35	3,491.50	258.85	14.488			
6,800.00	6,622.76	6,618.76	6,618.76	35.56	229.34	-175.57	1,531.96	-1,697.13	3,755.32	3,494.54	260.78	14.400			
6,850.00	6,672.13	6,668.13	6,668.13	35.73	231.06	-175.58	1,531.96	-1,697.13	3,757.27	3,494.57	262.70	14.303			
6,900.00	6,721.08	6,717.08	6,717.08	35.88	232.77	-175.59	1,531.96	-1,697.13	3,756.21	3,491.63	264.58	14.197			
6,950.00	6,769.31	6,765.31	6,765.31	36.03	234.45	-175.60	1,531.96	-1,697.13	3,752.16	3,485.74	266.42	14.084			
7,000.00	6,816.53	6,812.53	6,812.53	36.18	236.10	-175.61	1,531.96	-1,697.13	3,745.17	3,476.96	268.21	13.964			
7,050.00	6,862.44	6,858.44	6,858.44	36.34	237.71	-175.62	1,531.96	-1,697.13	3,735.31	3,465.36	269.94	13.837			
7,100.00	6,906.77	6,902.77	6,902.77	36.50	239.25	-175.63	1,531.96	-1,697.13	3,722.67	3,451.06	271.61	13.706			
7,150.00	6,949.23	6,945.23	6,945.23	36.68	240.74	-175.64	1,531.96	-1,697.13	3,707.37	3,434.17	273.21	13.570			
7,200.00	6,989.58	6,985.58	6,985.58	36.87	242.14	-175.65	1,531.96	-1,697.13	3,689.54	3,414.81	274.73	13.430			
7,250.00	7,027.55	7,023.55	7,023.55	37.09	243.47	-175.66	1,531.96	-1,697.13	3,669.32	3,393.15	276.17	13.287			
7,300.00	7,062.91	7,058.91	7,058.91	37.32	244.70	-175.67	1,531.96	-1,697.13	3,646.88	3,369.35	277.52	13.141			
7,350.00	7,095.45	7,108.55	7,091.45	37.59	246.44	-175.68	1,531.96	-1,697.13	3,622.39	3,343.00	279.39	12.965			
7,400.00	7,124.97	7,120.97	7,120.97	37.88	246.87	-175.69	1,531.96	-1,697.13	3,596.05	3,316.07	279.98	12.844			
7,450.00	7,151.28	7,147.28	7,147.28	38.21	247.79	-175.70	1,531.96	-1,697.13	3,568.05	3,286.97	281.08	12.694			
7,500.00	7,174.22	7,170.22	7,170.22	38.58	248.59	-175.71	1,531.96	-1,697.13	3,538.60	3,256.51	282.09	12.544			
7,550.00	7,193.65	7,189.65	7,189.65	38.98	249.27	-175.72	1,531.96	-1,697.13	3,507.93	3,224.91	283.01	12.395			
7,600.00	7,209.45	7,205.45	7,205.45	39.43	249.82	-175.73	1,531.96	-1,697.13	3,476.24	3,192.39	283.85	12.247			
7,650.00	7,221.52	7,217.52	7,217.52	39.91	250.24	-175.74	1,531.96	-1,697.13	3,443.76	3,159.16	284.60	12.100			
7,700.00	7,229.79	7,225.79	7,225.79	40.42	250.53	-175.75	1,531.96	-1,697.13	3,410.71	3,125.45	285.26	11.956			
7,750.00	7,234.21	7,230.21	7,230.21	40.97	250.68	-175.76	1,531.96	-1,697.13	3,377.30	3,091.48	285.83	11.816			
7,780.56	7,235.00	7,231.00	7,231.00	41.32	250.71	-175.77	1,531.96	-1,697.13	3,356.80	3,070.68	286.13	11.732			
7,800.00	7,235.04	7,231.04	7,231.04	41.54	250.71	-175.78	1,531.96	-1,697.13	3,343.79	3,057.48	286.31	11.679			
7,900.00	7,235.26	7,231.26	7,231.26	42.82	250.72	-175.79	1,531.96	-1,697.13	3,277.84	2,990.49	287.35	11.407			
8,000.00	7,235.47	7,231.47	7,231.47	44.25	250.73	-175.80	1,531.96	-1,697.13	3,213.66	2,925.08	288.58	11.136			
8,100.00	7,235.68	7,231.68	7,231.68	45.82	250.73	-175.81	1,531.96	-1,697.13	3,151.34	2,861.35	289.99	10.867			
8,200.00	7,235.90	7,231.90	7,231.90	47.52	250.74	-175.82	1,531.96	-1,697.13	3,091.00	2,799.42	291.58	10.601			
8,300.00	7,236.11	7,232.11	7,232.11	49.34	250.75	-175.83	1,531.96	-1,697.13	3,032.76	2,739.40	293.36	10.338			
8,400.00	7,236.32	7,232.32	7,232.32	51.25	250.76	-175.84	1,531.96	-1,697.13	2,976.73	2,681.43	295.31	10.080			
8,500.00	7,236.54	7,232.54	7,232.54	53.26	250.76	-175.85	1,531.96	-1,697.13	2,923.06	2,625.63	297.43	9.828			
8,600.00	7,236.75	7,232.75	7,232.75	55.34	250.77	-175.86	1,531.96	-1,697.13	2,871.87	2,572.16	299.71	9.582			
8,700.00	7,236.96	7,232.96	7,232.96	57.50	250.78	-175.87	1,531.96	-1,697.13	2,823.29	2,521.15	302.14	9.344			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - GILLESPIE #11-1(PA) - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
8,800.00	7,237.17	7,233.17	7,233.17	59.71	250.79	89.94	1,531.96	-1,697.13	2,777.46	2,472.76	304.71	9.115					
8,900.00	7,237.39	7,233.39	7,233.39	61.98	250.79	89.94	1,531.96	-1,697.13	2,734.52	2,427.13	307.40	8.896					
9,000.00	7,237.60	7,233.60	7,233.60	64.29	250.80	89.95	1,531.96	-1,697.13	2,694.62	2,384.42	310.19	8.687					
9,100.00	7,237.81	7,233.81	7,233.81	66.65	250.81	89.95	1,531.96	-1,697.13	2,657.87	2,344.79	313.09	8.489					
9,200.00	7,238.03	7,234.03	7,234.03	69.05	250.82	89.96	1,531.96	-1,697.13	2,624.43	2,308.38	316.05	8.304					
9,300.00	7,238.24	7,234.24	7,234.24	71.48	250.82	89.96	1,531.96	-1,697.13	2,594.41	2,275.34	319.07	8.131					
9,400.00	7,238.45	7,234.45	7,234.45	73.95	250.83	89.97	1,531.96	-1,697.13	2,567.94	2,245.81	322.13	7.972					
9,500.00	7,238.67	7,234.67	7,234.67	76.44	250.84	89.97	1,531.96	-1,697.13	2,545.12	2,219.92	325.20	7.826					
9,600.00	7,238.88	7,234.88	7,234.88	78.96	250.85	89.98	1,531.96	-1,697.13	2,526.06	2,197.80	328.26	7.695					
9,700.00	7,239.09	7,235.09	7,235.09	81.50	250.85	89.98	1,531.96	-1,697.13	2,510.84	2,179.55	331.29	7.579					
9,800.00	7,239.30	7,235.30	7,235.30	84.06	250.86	89.99	1,531.96	-1,697.13	2,499.53	2,165.25	334.27	7.477					
9,900.00	7,239.52	7,235.52	7,235.52	86.64	250.87	89.99	1,531.96	-1,697.13	2,492.18	2,155.00	337.19	7.391					
10,000.00	7,239.73	7,235.73	7,235.73	89.23	250.88	90.00	1,531.96	-1,697.13	2,488.84	2,148.83	340.01	7.320					
10,033.33	7,239.80	7,235.80	7,235.80	90.10	250.88	90.00	1,531.96	-1,697.13	2,488.61	2,147.68	340.93	7.299					
10,100.00	7,239.94	7,235.94	7,235.94	91.85	250.88	90.00	1,531.96	-1,697.13	2,489.51	2,146.78	342.73	7.264	ES				
10,200.00	7,240.16	7,236.16	7,236.16	94.47	250.89	90.01	1,531.96	-1,697.13	2,494.19	2,148.87	345.32	7.223					
10,300.00	7,240.37	7,236.37	7,236.37	97.11	250.90	90.01	1,531.96	-1,697.13	2,502.86	2,155.09	347.77	7.197					
10,400.00	7,240.58	7,236.58	7,236.58	99.76	250.91	90.02	1,531.96	-1,697.13	2,515.48	2,165.40	350.08	7.185	SF				
10,500.00	7,240.80	7,236.80	7,236.80	102.43	250.91	90.02	1,531.96	-1,697.13	2,531.99	2,179.76	352.24	7.188					
10,600.00	7,241.01	7,237.01	7,237.01	105.10	250.92	90.03	1,531.96	-1,697.13	2,552.32	2,198.09	354.23	7.205					
10,700.00	7,241.22	7,237.22	7,237.22	107.79	250.93	90.03	1,531.96	-1,697.13	2,576.36	2,220.31	356.06	7.236					
10,800.00	7,241.43	7,237.43	7,237.43	110.48	250.94	90.04	1,531.96	-1,697.13	2,604.03	2,246.31	357.72	7.280					
10,900.00	7,241.65	7,237.65	7,237.65	113.18	250.94	90.04	1,531.96	-1,697.13	2,635.21	2,275.99	359.22	7.336					
11,000.00	7,241.86	7,237.86	7,237.86	115.89	250.95	90.05	1,531.96	-1,697.13	2,669.77	2,309.20	360.56	7.404					
11,100.00	7,242.07	7,238.07	7,238.07	118.60	250.96	90.05	1,531.96	-1,697.13	2,707.58	2,345.83	361.75	7.485					
11,200.00	7,242.29	7,238.29	7,238.29	121.32	250.97	90.06	1,531.96	-1,697.13	2,748.51	2,385.72	362.79	7.576					
11,300.00	7,242.50	7,238.50	7,238.50	124.05	250.97	90.06	1,531.96	-1,697.13	2,792.43	2,428.73	363.70	7.678					
11,400.00	7,242.71	7,238.71	7,238.71	126.78	250.98	90.07	1,531.96	-1,697.13	2,839.19	2,474.72	364.47	7.790					
11,500.00	7,242.93	7,238.93	7,238.93	129.52	250.99	90.07	1,531.96	-1,697.13	2,888.65	2,523.53	365.12	7.911					
11,600.00	7,243.14	7,239.14	7,239.14	132.27	250.99	90.08	1,531.96	-1,697.13	2,940.69	2,575.03	365.66	8.042					
11,700.00	7,243.35	7,239.35	7,239.35	135.02	251.00	90.08	1,531.96	-1,697.13	2,995.16	2,629.06	366.10	8.181					
11,800.00	7,243.57	7,239.57	7,239.57	137.77	251.01	90.09	1,531.96	-1,697.13	3,051.94	2,685.50	366.44	8.329					
11,900.00	7,243.78	7,239.78	7,239.78	140.53	251.02	90.09	1,531.96	-1,697.13	3,110.89	2,744.20	366.69	8.484					
12,000.00	7,243.99	7,239.99	7,239.99	143.29	251.02	90.10	1,531.96	-1,697.13	3,171.91	2,805.03	366.87	8.646					
12,100.00	7,244.20	7,240.20	7,240.20	146.05	251.03	90.10	1,531.96	-1,697.13	3,234.86	2,867.88	366.98	8.815					
12,200.00	7,244.42	7,240.42	7,240.42	148.82	251.04	90.11	1,531.96	-1,697.13	3,299.64	2,932.62	367.03	8.990					
12,300.00	7,244.63	7,240.63	7,240.63	151.60	251.05	90.11	1,531.96	-1,697.13	3,366.15	2,999.13	367.02	9.172					
12,400.00	7,244.84	7,240.84	7,240.84	154.37	251.05	90.12	1,531.96	-1,697.13	3,434.29	3,067.32	366.96	9.359					
12,500.00	7,245.06	7,241.06	7,241.06	157.15	251.06	90.12	1,531.96	-1,697.13	3,503.95	3,137.09	366.86	9.551					
12,600.00	7,245.27	7,241.27	7,241.27	159.93	251.07	90.13	1,531.96	-1,697.13	3,575.05	3,208.32	366.73	9.749					
12,700.00	7,245.48	7,241.48	7,241.48	162.71	251.08	90.13	1,531.96	-1,697.13	3,647.51	3,280.95	366.56	9.951					
12,800.00	7,245.70	7,241.70	7,241.70	165.50	251.08	90.14	1,531.96	-1,697.13	3,721.24	3,354.89	366.36	10.157					
12,900.00	7,245.91	7,241.91	7,241.91	168.29	251.09	90.14	1,531.96	-1,697.13	3,796.18	3,430.04	366.14	10.368					
13,000.00	7,246.12	7,242.12	7,242.12	171.08	251.10	90.15	1,531.96	-1,697.13	3,872.25	3,506.36	365.89	10.583					
13,100.00	7,246.33	7,242.33	7,242.33	173.87	251.11	90.15	1,531.96	-1,697.13	3,949.39	3,583.75	365.63	10.802					
13,200.00	7,246.55	7,242.55	7,242.55	176.67	251.11	90.16	1,531.96	-1,697.13	4,027.53	3,662.17	365.36	11.024					
13,300.00	7,246.76	7,242.76	7,242.76	179.47	251.12	90.16	1,531.96	-1,697.13	4,106.62	3,741.55	365.07	11.249					
13,400.00	7,246.97	7,242.97	7,242.97	182.27	251.13	90.17	1,531.96	-1,697.13	4,186.60	3,821.83	364.77	11.477					
13,500.00	7,247.19	7,243.19	7,243.19	185.07	251.14	90.17	1,531.96	-1,697.13	4,267.43	3,902.96	364.47	11.709					
13,600.00	7,247.40	7,243.40	7,243.40	187.87	251.14	90.17	1,531.96	-1,697.13	4,349.06	3,984.90	364.16	11.943					
13,700.00	7,247.61	7,243.61	7,243.61	190.68	251.15	90.18	1,531.96	-1,697.13	4,431.44	4,067.59	363.84	12.180					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - GILLESPIE #11-1(PA) - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.83	7,243.83	7,243.83	193.48	251.16	90.18	1,531.96	-1,697.13	4,514.53	4,151.00	363.53	12.419		
13,900.00	7,248.04	7,244.04	7,244.04	196.29	251.17	90.19	1,531.96	-1,697.13	4,598.29	4,235.09	363.21	12.660		
14,000.00	7,248.25	7,244.25	7,244.25	199.10	251.17	90.19	1,531.96	-1,697.13	4,682.69	4,319.81	362.89	12.904		
14,100.00	7,248.46	7,244.46	7,244.46	201.91	251.18	90.20	1,531.96	-1,697.13	4,767.70	4,405.13	362.57	13.150		
14,200.00	7,248.68	7,244.68	7,244.68	204.72	251.19	90.20	1,531.96	-1,697.13	4,853.28	4,491.03	362.25	13.398		
14,300.00	7,248.89	7,244.89	7,244.89	207.53	251.20	90.21	1,531.96	-1,697.13	4,939.40	4,577.47	361.93	13.647		
14,400.00	7,249.10	7,245.10	7,245.10	210.35	251.20	90.21	1,531.96	-1,697.13	5,026.03	4,664.42	361.61	13.899		
14,500.00	7,249.32	7,245.32	7,245.32	213.16	251.21	90.22	1,531.96	-1,697.13	5,113.15	4,751.85	361.30	14.152		
14,600.00	7,249.53	7,245.53	7,245.53	215.98	251.22	90.22	1,531.96	-1,697.13	5,200.73	4,839.74	360.99	14.407		
14,700.00	7,249.74	7,245.74	7,245.74	218.80	251.23	90.23	1,531.96	-1,697.13	5,288.76	4,928.07	360.68	14.663		
14,800.00	7,249.96	7,245.96	7,245.96	221.62	251.23	90.23	1,531.96	-1,697.13	5,377.20	5,016.82	360.38	14.921		
14,900.00	7,250.17	7,246.17	7,246.17	224.44	251.24	90.24	1,531.96	-1,697.13	5,466.04	5,105.96	360.09	15.180		
15,000.00	7,250.38	7,246.38	7,246.38	227.26	251.25	90.24	1,531.96	-1,697.13	5,555.26	5,195.47	359.79	15.440		
15,100.00	7,250.59	7,246.59	7,246.59	230.08	251.26	90.25	1,531.96	-1,697.13	5,644.84	5,285.34	359.50	15.702		
15,200.00	7,250.81	7,246.81	7,246.81	232.90	251.26	90.25	1,531.96	-1,697.13	5,734.77	5,375.55	359.22	15.964		
15,300.00	7,251.02	7,247.02	7,247.02	235.72	251.27	90.26	1,531.96	-1,697.13	5,825.03	5,466.08	358.94	16.228		
15,400.00	7,251.23	7,247.23	7,247.23	238.55	251.28	90.26	1,531.96	-1,697.13	5,915.59	5,556.93	358.67	16.493		
15,500.00	7,251.45	7,247.45	7,247.45	241.37	251.28	90.27	1,531.96	-1,697.13	6,006.46	5,648.06	358.40	16.759		
15,600.00	7,251.66	7,247.66	7,247.66	244.20	251.29	90.27	1,531.96	-1,697.13	6,097.62	5,739.48	358.14	17.026		
15,700.00	7,251.87	7,247.87	7,247.87	247.03	251.30	90.28	1,531.96	-1,697.13	6,189.04	5,831.16	357.88	17.294		
15,800.00	7,252.09	7,248.09	7,248.09	249.85	251.31	90.28	1,531.96	-1,697.13	6,280.73	5,923.11	357.62	17.562		
15,900.00	7,252.30	7,248.30	7,248.30	252.68	251.31	90.29	1,531.96	-1,697.13	6,372.67	6,015.29	357.38	17.832		
16,000.00	7,252.51	7,248.51	7,248.51	255.51	251.32	90.29	1,531.96	-1,697.13	6,464.85	6,107.71	357.13	18.102		
16,100.00	7,252.72	7,248.72	7,248.72	258.34	251.33	90.30	1,531.96	-1,697.13	6,557.25	6,200.36	356.90	18.373		
16,200.00	7,252.94	7,248.94	7,248.94	261.17	251.34	90.30	1,531.96	-1,697.13	6,649.88	6,293.21	356.66	18.645		
16,300.00	7,253.15	7,249.15	7,249.15	264.00	251.34	90.31	1,531.96	-1,697.13	6,742.72	6,386.28	356.44	18.917		
16,400.00	7,253.36	7,249.36	7,249.36	266.83	251.35	90.31	1,531.96	-1,697.13	6,835.76	6,479.54	356.21	19.190		
16,500.00	7,253.58	7,249.58	7,249.58	269.66	251.36	90.32	1,531.96	-1,697.13	6,928.99	6,572.99	356.00	19.464		
16,600.00	7,253.79	7,249.79	7,249.79	272.50	251.37	90.32	1,531.96	-1,697.13	7,022.41	6,666.62	355.79	19.738		
16,700.00	7,254.00	7,250.00	7,250.00	275.33	251.37	90.33	1,531.96	-1,697.13	7,116.01	6,760.43	355.58	20.013		
16,800.00	7,254.22	7,250.22	7,250.22	278.16	251.38	90.33	1,531.96	-1,697.13	7,209.78	6,854.40	355.37	20.288		
16,900.00	7,254.43	7,250.43	7,250.43	281.00	251.39	90.34	1,531.96	-1,697.13	7,303.71	6,948.53	355.18	20.564		
17,000.00	7,254.64	7,250.64	7,250.64	283.83	251.40	90.34	1,531.96	-1,697.13	7,397.81	7,042.82	354.98	20.840		
17,100.00	7,254.85	7,250.85	7,250.85	286.67	251.40	90.35	1,531.96	-1,697.13	7,492.05	7,137.26	354.79	21.117		
17,200.00	7,255.07	7,251.07	7,251.07	289.50	251.41	90.35	1,531.96	-1,697.13	7,586.45	7,231.84	354.61	21.394		
17,300.00	7,255.28	7,251.28	7,251.28	292.34	251.42	90.36	1,531.96	-1,697.13	7,680.98	7,326.55	354.43	21.671		
17,400.00	7,255.49	7,251.49	7,251.49	295.17	251.43	90.36	1,531.96	-1,697.13	7,775.66	7,421.40	354.25	21.949		
17,500.00	7,255.71	7,251.71	7,251.71	298.01	251.43	90.37	1,531.96	-1,697.13	7,870.46	7,516.38	354.08	22.228		
17,600.00	7,255.92	7,251.92	7,251.92	300.85	251.44	90.37	1,531.96	-1,697.13	7,965.39	7,611.48	353.92	22.506		
17,700.00	7,256.13	7,252.13	7,252.13	303.68	251.45	90.38	1,531.96	-1,697.13	8,060.45	7,706.69	353.75	22.785		
17,800.00	7,256.35	7,252.35	7,252.35	306.52	251.46	90.38	1,531.96	-1,697.13	8,155.62	7,802.03	353.60	23.065		
17,900.00	7,256.56	7,252.56	7,252.56	309.36	251.46	90.39	1,531.96	-1,697.13	8,250.91	7,897.47	353.44	23.345		
18,000.00	7,256.77	7,252.77	7,252.77	312.20	251.47	90.39	1,531.96	-1,697.13	8,346.30	7,993.02	353.29	23.625		
18,100.00	7,256.98	7,252.98	7,252.98	315.04	251.48	90.40	1,531.96	-1,697.13	8,441.81	8,088.67	353.14	23.905		
18,200.00	7,257.20	7,253.20	7,253.20	317.88	251.49	90.40	1,531.96	-1,697.13	8,537.42	8,184.42	353.00	24.185		
18,300.00	7,257.41	7,253.41	7,253.41	320.72	251.49	90.41	1,531.96	-1,697.13	8,633.12	8,280.26	352.86	24.466		
18,400.00	7,257.62	7,253.62	7,253.62	323.56	251.50	90.41	1,531.96	-1,697.13	8,728.92	8,376.20	352.72	24.747		
18,500.00	7,257.84	7,253.84	7,253.84	326.40	251.51	90.42	1,531.96	-1,697.13	8,824.82	8,472.23	352.59	25.028		
18,600.00	7,258.05	7,254.05	7,254.05	329.24	251.52	90.42	1,531.96	-1,697.13	8,920.81	8,568.34	352.46	25.310		
18,700.00	7,258.26	7,254.26	7,254.26	332.08	251.52	90.43	1,531.96	-1,697.13	9,016.88	8,664.54	352.34	25.592		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - GILLESPIE #11-1(PA) - OH - OH		Offset Site Error:		0.00 ft	
Survey Program:													100-2° Cone@2.448 Sigma		Offset Well Error:		3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning				
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)							
18,800.00	7,258.48	7,254.48	7,254.48	334.92	251.53	90.43	1,531.96	-1,697.13	9,113.04	8,760.82	352.22	25.873						
18,900.00	7,258.69	7,254.69	7,254.69	337.76	251.54	90.43	1,531.96	-1,697.13	9,209.28	8,857.18	352.10	26.156						
19,000.00	7,258.90	7,254.90	7,254.90	340.60	251.54	90.44	1,531.96	-1,697.13	9,305.59	8,953.61	351.98	26.438						
19,046.19	7,259.00	7,255.00	7,255.00	341.92	251.55	90.44	1,531.96	-1,697.13	9,350.11	8,998.18	351.93	26.568						

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-106.34	-2,093.72	-7,142.72	7,443.27					
100.00	100.00	85.90	85.90	3.28	3.29	-106.34	-2,093.94	-7,142.68	7,443.29	7,436.72	6.57	1,132.898		
200.00	200.00	175.29	175.29	3.34	3.31	-106.34	-2,094.61	-7,142.58	7,443.39	7,436.74	6.65	1,119.689		
300.00	300.00	259.58	259.57	3.44	3.38	-106.35	-2,095.45	-7,142.63	7,443.72	7,436.89	6.83	1,090.502		
400.00	399.98	357.86	357.85	3.60	3.51	128.63	-2,096.57	-7,142.70	7,445.20	7,438.10	7.11	1,047.437		
500.00	499.84	449.12	449.10	3.79	3.67	128.59	-2,097.21	-7,143.01	7,448.99	7,441.53	7.46	998.227		
600.00	599.45	552.78	552.76	4.03	3.90	128.55	-2,097.64	-7,143.43	7,454.94	7,447.02	7.92	941.172		
700.00	698.70	637.88	637.86	4.30	4.11	128.48	-2,098.25	-7,143.72	7,463.11	7,454.70	8.41	887.810		
800.00	797.47	709.56	709.54	4.61	4.30	128.38	-2,098.68	-7,144.25	7,473.78	7,464.87	8.91	838.939		
900.00	895.62	793.88	793.85	4.95	4.55	128.27	-2,099.04	-7,145.15	7,486.89	7,477.40	9.49	788.787		
1,000.00	993.06	885.44	885.40	5.33	4.83	128.15	-2,099.61	-7,146.19	7,502.30	7,492.15	10.14	739.565		
1,100.00	1,090.08	970.00	969.95	5.74	5.11	128.27	-2,100.14	-7,147.23	7,518.90	7,508.09	10.81	695.394		
1,200.00	1,187.11	1,017.93	1,017.88	6.17	5.27	128.34	-2,100.09	-7,148.11	7,535.96	7,524.58	11.38	662.306		
1,300.00	1,284.14	1,061.00	1,060.93	6.61	5.42	128.41	-2,099.61	-7,149.33	7,553.72	7,541.77	11.94	632.381		
1,400.00	1,381.17	1,104.81	1,104.70	7.07	5.56	128.49	-2,098.74	-7,151.00	7,572.21	7,559.68	12.53	604.536		
1,500.00	1,478.20	1,153.00	1,152.81	7.55	5.73	128.57	-2,097.39	-7,153.33	7,591.45	7,578.32	13.13	578.066		
1,600.00	1,575.23	1,188.62	1,188.35	8.03	5.86	128.64	-2,096.09	-7,155.39	7,611.43	7,597.72	13.70	555.410		
1,700.00	1,672.26	1,248.00	1,247.51	8.52	6.07	128.75	-2,093.22	-7,159.50	7,632.18	7,617.81	14.37	531.153		
1,800.00	1,769.29	1,248.00	1,247.51	9.01	6.07	128.75	-2,093.22	-7,159.50	7,653.67	7,638.85	14.82	516.447		
1,900.00	1,866.32	1,296.09	1,295.36	9.51	6.25	128.85	-2,090.41	-7,163.52	7,675.93	7,660.48	15.45	496.688		
2,000.00	1,963.35	1,343.00	1,341.94	10.02	6.42	128.95	-2,087.39	-7,168.13	7,699.18	7,683.10	16.09	478.555		
2,100.00	2,060.38	1,363.73	1,362.49	10.53	6.50	128.99	-2,085.97	-7,170.36	7,723.16	7,706.54	16.62	464.581		
2,200.00	2,157.41	1,410.88	1,409.21	11.04	6.68	129.09	-2,082.44	-7,175.71	7,747.88	7,730.61	17.27	448.749		
2,300.00	2,254.44	1,468.67	1,466.38	11.56	6.91	129.22	-2,077.65	-7,182.72	7,773.22	7,755.26	17.96	432.901		
2,400.00	2,351.47	1,543.42	1,540.25	12.07	7.22	129.39	-2,071.11	-7,192.07	7,798.94	7,780.22	18.72	416.508		
2,500.00	2,448.50	1,634.04	1,629.77	12.59	7.61	129.60	-2,063.06	-7,203.55	7,824.88	7,805.31	19.57	399.811		
2,600.00	2,545.53	1,701.92	1,696.86	13.12	7.91	129.75	-2,057.37	-7,212.19	7,851.08	7,830.76	20.32	386.277		
2,700.00	2,642.56	1,835.65	1,829.16	13.64	8.51	130.04	-2,047.12	-7,228.85	7,877.28	7,855.90	21.38	368.356		
2,800.00	2,739.59	1,899.88	1,892.74	14.17	8.80	130.18	-2,042.64	-7,236.69	7,903.50	7,881.36	22.13	357.120		
2,900.00	2,836.62	2,031.33	2,022.99	14.69	9.41	130.44	-2,034.54	-7,252.44	7,929.75	7,906.56	23.20	341.872		
3,000.00	2,933.65	2,117.37	2,108.24	15.22	9.81	130.62	-2,028.91	-7,262.63	7,955.89	7,931.84	24.05	330.787		
3,100.00	3,030.68	2,195.87	2,185.94	15.75	10.18	130.78	-2,023.12	-7,272.17	7,982.24	7,957.36	24.88	320.873		
3,200.00	3,127.71	2,333.09	2,321.78	16.28	10.84	131.07	-2,012.74	-7,288.65	8,008.51	7,982.52	25.99	308.095		
3,300.00	3,224.74	2,477.24	2,464.51	16.82	11.53	131.37	-2,001.21	-7,305.23	8,034.35	8,007.19	27.15	295.900		
3,400.00	3,321.76	2,576.10	2,562.41	17.35	12.01	131.57	-1,993.13	-7,316.25	8,059.90	8,031.81	28.09	286.920		
3,500.00	3,418.79	2,660.14	2,645.65	17.88	12.42	131.75	-1,986.24	-7,325.64	8,085.58	8,056.62	28.96	279.218		
3,600.00	3,515.82	2,727.29	2,712.17	18.42	12.75	131.88	-1,981.06	-7,333.21	8,111.52	8,081.78	29.74	272.753		
3,700.00	3,612.85	2,791.26	2,775.51	18.95	13.07	132.01	-1,976.18	-7,340.65	8,137.88	8,107.37	30.50	266.775		
3,800.00	3,709.88	2,862.00	2,845.52	19.49	13.42	132.16	-1,970.65	-7,349.16	8,164.66	8,133.35	31.30	260.811		
3,900.00	3,806.91	2,934.43	2,917.16	20.02	13.78	132.30	-1,964.81	-7,358.10	8,191.77	8,159.65	32.12	255.074		
4,000.00	3,903.94	3,068.08	3,049.41	20.56	14.45	132.57	-1,954.40	-7,374.35	8,218.87	8,185.63	33.24	247.224		
4,100.00	4,000.97	3,146.00	3,126.55	21.09	14.84	132.72	-1,948.49	-7,383.56	8,245.78	8,211.69	34.08	241.935		
4,200.00	4,098.00	3,207.60	3,187.52	21.63	15.16	132.85	-1,943.72	-7,391.01	8,273.01	8,238.18	34.84	237.483		
4,300.00	4,195.03	3,300.00	3,286.87	22.17	20.70	133.04	-1,936.47	-7,403.35	8,300.57	8,260.14	40.43	205.320		
4,400.00	4,292.06	3,385.90	3,362.60	22.71	17.04	133.54	-1,919.64	-7,433.67	8,327.11	8,289.45	37.66	221.098		
4,500.00	4,389.09	3,462.08	3,437.97	23.25	17.56	133.74	-1,911.83	-7,444.23	8,352.63	8,313.98	38.65	216.120		
4,600.00	4,486.12	3,539.20	3,516.30	23.78	18.05	133.93	-1,904.06	-7,454.00	8,378.06	8,338.46	39.60	211.570		
4,700.00	4,583.15	3,616.29	3,593.25	24.32	18.75	134.20	-1,892.31	-7,467.39	8,403.11	8,362.34	40.77	206.090		
4,800.00	4,680.18	3,693.31	3,670.05	24.86	18.99	134.29	-1,887.97	-7,472.08	8,428.41	8,386.95	41.46	203.281		
4,900.00	4,777.21	3,770.33	3,746.19	25.40	19.25	134.39	-1,883.33	-7,477.36	8,454.28	8,412.11	42.17	200.497		
5,000.00	4,874.24	3,847.36	3,823.12	25.94	19.58	134.52	-1,877.29	-7,484.36	8,480.67	8,437.72	42.94	197.493		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Harvesters Resources #15M-303(PR) - OH - OH		Offset Site Error: 0.00 ft	
Survey Program: 146-MWD													Offset Well Error: 3.28 ft			
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor				
5,100.00	4,971.27	4,219.23	4,190.34	26.48	20.20	134.76	-1,865.46	-7,497.50	8,507.09	8,463.07	44.03	193.215				
5,200.00	5,068.30	4,308.20	4,278.49	27.02	20.65	134.93	-1,857.82	-7,506.79	8,533.46	8,488.52	44.93	189.918				
5,300.00	5,165.33	4,412.11	4,381.56	27.56	21.17	135.11	-1,849.98	-7,517.40	8,559.81	8,513.90	45.91	186.447				
5,400.00	5,262.36	4,608.70	4,576.94	28.10	22.13	135.44	-1,838.56	-7,535.80	8,585.68	8,538.32	47.36	181.270				
5,500.00	5,359.39	5,202.49	5,169.44	28.64	24.74	136.23	-1,826.80	-7,569.41	8,610.41	8,559.74	50.67	169.942				
5,600.00	5,456.42	5,310.10	5,277.03	29.18	25.18	136.36	-1,825.95	-7,571.65	8,630.09	8,578.48	51.62	167.197				
5,700.00	5,553.45	5,410.02	5,376.93	29.72	25.59	136.48	-1,825.45	-7,573.69	8,649.82	8,597.28	52.53	164.661				
5,800.00	5,650.47	5,535.26	5,502.15	30.27	26.10	136.62	-1,825.23	-7,575.92	8,669.37	8,615.81	53.56	161.869				
5,900.00	5,747.50	5,619.20	5,586.08	30.81	26.44	136.72	-1,825.49	-7,577.30	8,688.87	8,634.48	54.40	159.734				
6,000.00	5,844.53	5,708.56	5,675.42	31.35	26.80	136.82	-1,825.50	-7,578.91	8,708.53	8,653.26	55.26	157.589				
6,100.00	5,941.56	5,814.40	5,781.25	31.89	27.23	136.94	-1,825.32	-7,580.83	8,728.20	8,672.00	56.20	155.296				
6,200.00	6,038.59	5,913.88	5,880.71	32.43	27.64	137.05	-1,825.11	-7,582.55	8,747.82	8,690.70	57.12	153.155				
6,300.00	6,135.62	5,992.06	5,958.87	32.97	27.96	137.14	-1,825.03	-7,583.97	8,767.58	8,709.64	57.93	151.339				
6,400.00	6,232.65	6,204.10	6,170.89	33.51	28.82	137.37	-1,825.76	-7,587.04	8,787.32	8,727.96	59.36	148.043				
6,500.00	6,329.68	6,259.69	6,226.47	34.06	29.04	137.43	-1,826.05	-7,587.56	8,806.28	8,746.21	60.07	146.608				
6,600.00	6,426.71	6,371.19	6,337.97	34.60	29.49	137.54	-1,826.71	-7,588.65	8,825.40	8,764.37	61.03	144.609				
6,655.36	6,480.43	6,436.57	6,403.34	34.90	29.74	137.61	-1,827.86	-7,589.05	8,835.87	8,774.30	61.57	143.505				
6,700.00	6,524.01	6,464.21	6,430.94	35.13	29.84	125.50	-1,829.18	-7,589.13	8,842.79	8,780.90	61.89	142.885				
6,750.00	6,573.29	6,502.12	6,468.72	35.36	29.98	103.05	-1,832.40	-7,589.16	8,846.97	8,784.72	62.25	142.118				
6,800.00	6,622.76	6,527.20	6,493.60	35.56	30.06	72.70	-1,835.55	-7,589.11	8,847.35	8,784.82	62.53	141.483				
6,850.00	6,672.13	6,537.00	6,503.28	35.73	30.10	47.27	-1,837.00	-7,589.08	8,844.00	8,781.27	62.72	140.998				
6,900.00	6,721.08	6,569.00	6,534.79	35.88	30.20	31.72	-1,842.61	-7,589.05	8,836.93	8,773.96	62.98	140.323				
6,950.00	6,769.31	6,569.00	6,534.79	36.03	30.20	22.52	-1,842.61	-7,589.05	8,826.22	8,763.15	63.08	139.926				
7,000.00	6,816.53	6,586.85	6,552.24	36.18	30.26	16.67	-1,846.32	-7,589.10	8,811.93	8,748.70	63.23	139.361				
7,050.00	6,862.44	6,600.00	6,565.05	36.34	30.30	12.66	-1,849.32	-7,589.17	8,794.14	8,730.79	63.35	138.822				
7,100.00	6,906.77	6,600.00	6,565.05	36.50	30.30	9.73	-1,849.32	-7,589.17	8,772.96	8,709.57	63.40	138.378				
7,150.00	6,949.23	6,617.65	6,582.14	36.68	30.35	7.43	-1,853.70	-7,589.33	8,748.47	8,684.96	63.50	137.765				
7,200.00	6,989.58	6,632.00	6,595.97	36.87	30.40	5.53	-1,857.54	-7,589.52	8,720.84	8,657.25	63.58	137.157				
7,250.00	7,027.55	6,632.00	6,595.97	37.09	30.40	3.88	-1,857.54	-7,589.52	8,690.18	8,626.59	63.59	136.649				
7,300.00	7,062.91	6,646.91	6,610.26	37.32	30.44	2.34	-1,861.82	-7,589.75	8,656.68	8,593.02	63.66	135.992				
7,350.00	7,095.45	6,664.00	6,626.51	37.59	30.49	0.80	-1,867.07	-7,590.05	8,620.51	8,556.79	63.72	135.291				
7,400.00	7,124.97	6,664.00	6,626.51	37.88	30.49	-0.75	-1,867.07	-7,590.05	8,581.86	8,518.15	63.71	134.706				
7,450.00	7,151.28	6,678.25	6,639.97	38.21	30.53	-2.53	-1,871.75	-7,590.31	8,540.95	8,477.20	63.75	133.978				
7,500.00	7,174.22	6,695.00	6,655.66	38.58	30.58	-4.67	-1,877.60	-7,590.62	8,498.01	8,434.21	63.80	133.202				
7,550.00	7,193.65	6,695.00	6,655.66	38.98	30.58	-7.28	-1,877.60	-7,590.62	8,453.28	8,389.49	63.78	132.534				
7,600.00	7,209.45	6,695.00	6,655.66	39.43	30.58	-10.84	-1,877.60	-7,590.62	8,407.03	8,343.27	63.77	131.841				
7,650.00	7,221.52	6,705.96	6,665.84	39.91	30.61	-16.28	-1,881.65	-7,590.81	8,359.52	8,295.73	63.80	131.032				
7,700.00	7,229.79	6,708.96	6,668.62	40.42	30.62	-25.09	-1,882.78	-7,590.87	8,311.05	8,247.25	63.80	130.261				
7,750.00	7,234.21	6,710.72	6,670.24	40.97	30.62	-41.21	-1,883.46	-7,590.90	8,261.90	8,198.08	63.81	129.474				
7,780.56	7,235.00	6,711.18	6,670.67	41.32	30.62	-57.49	-1,883.63	-7,590.91	8,231.64	8,167.82	63.82	128.986				
7,800.00	7,235.04	6,711.32	6,670.80	41.54	30.62	-57.49	-1,883.69	-7,590.91	8,212.37	8,148.54	63.82	128.675				
7,900.00	7,235.26	6,712.06	6,671.48	42.82	30.63	-57.53	-1,883.97	-7,590.93	8,113.22	8,049.37	63.85	127.072				
8,000.00	7,235.47	6,712.81	6,672.17	44.25	30.63	-57.57	-1,884.26	-7,590.94	8,014.09	7,950.21	63.88	125.461				
8,100.00	7,235.68	6,713.56	6,672.86	45.82	30.63	-57.61	-1,884.55	-7,590.95	7,914.99	7,851.07	63.91	123.840				
8,200.00	7,235.90	6,714.31	6,673.55	47.52	30.63	-57.65	-1,884.84	-7,590.97	7,815.90	7,751.95	63.95	122.210				
8,300.00	7,236.11	6,715.06	6,674.25	49.34	30.63	-57.69	-1,885.13	-7,590.98	7,716.85	7,652.84	64.00	120.571				
8,400.00	7,236.32	6,715.81	6,674.94	51.25	30.64	-57.73	-1,885.43	-7,591.00	7,617.81	7,553.75	64.06	118.922				
8,500.00	7,236.54	6,716.57	6,675.64	53.26	30.64	-57.77	-1,885.73	-7,591.01	7,518.80	7,454.68	64.12	117.263				
8,600.00	7,236.75	6,717.33	6,676.34	55.34	30.64	-57.81	-1,886.02	-7,591.02	7,419.82	7,355.63	64.19	115.594				
8,700.00	7,236.96	6,727.00	6,685.20	57.50	30.67	-58.33	-1,889.89	-7,591.21	7,320.88	7,256.57	64.31	113.841				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 146-MWD														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,800.00	7,237.17	6,727.00	6,685.20	59.71	30.67	-58.33	-1,889.89	-7,591.21	7,221.95	7,157.56	64.39	112.158			
8,900.00	7,237.39	6,727.00	6,685.20	61.98	30.67	-58.33	-1,889.89	-7,591.21	7,123.05	7,058.57	64.48	110.465			
9,000.00	7,237.60	6,727.00	6,685.20	64.29	30.67	-58.33	-1,889.89	-7,591.21	7,024.18	6,959.60	64.58	108.761			
9,100.00	7,237.81	6,727.00	6,685.20	66.65	30.67	-58.33	-1,889.89	-7,591.21	6,925.35	6,860.65	64.69	107.048			
9,200.00	7,238.03	6,727.00	6,685.20	69.05	30.67	-58.33	-1,889.89	-7,591.21	6,826.55	6,761.73	64.82	105.323			
9,300.00	7,238.24	6,727.00	6,685.20	71.48	30.67	-58.33	-1,889.89	-7,591.21	6,727.78	6,662.83	64.95	103.588			
9,400.00	7,238.45	6,727.00	6,685.20	73.95	30.67	-58.33	-1,889.89	-7,591.21	6,629.05	6,563.96	65.09	101.843			
9,500.00	7,238.67	6,727.00	6,685.20	76.44	30.67	-58.33	-1,889.89	-7,591.21	6,530.36	6,465.11	65.25	100.087			
9,600.00	7,238.88	6,727.00	6,685.20	78.96	30.67	-58.33	-1,889.89	-7,591.21	6,431.71	6,366.29	65.42	98.320			
9,700.00	7,239.09	6,727.00	6,685.20	81.50	30.67	-58.33	-1,889.89	-7,591.21	6,333.10	6,267.50	65.60	96.542			
9,800.00	7,239.30	6,727.00	6,685.20	84.06	30.67	-58.33	-1,889.89	-7,591.21	6,234.54	6,168.74	65.80	94.754			
9,900.00	7,239.52	6,727.00	6,685.20	86.64	30.67	-58.33	-1,889.89	-7,591.21	6,136.02	6,070.01	66.01	92.955			
10,000.00	7,239.73	6,727.00	6,685.20	89.23	30.67	-58.33	-1,889.89	-7,591.21	6,037.55	5,971.31	66.24	91.145			
10,100.00	7,239.94	6,727.00	6,685.20	91.85	30.67	-58.33	-1,889.89	-7,591.21	5,939.14	5,872.65	66.49	89.325			
10,200.00	7,240.16	6,727.00	6,685.20	94.47	30.67	-58.33	-1,889.89	-7,591.21	5,840.77	5,774.02	66.76	87.494			
10,300.00	7,240.37	6,727.00	6,685.20	97.11	30.67	-58.33	-1,889.89	-7,591.21	5,742.47	5,675.42	67.04	85.653			
10,400.00	7,240.58	6,733.78	6,691.38	99.76	30.68	-58.69	-1,892.68	-7,591.34	5,644.21	5,576.81	67.40	83.738			
10,500.00	7,240.80	6,734.94	6,692.43	102.43	30.69	-58.76	-1,893.16	-7,591.36	5,546.03	5,478.28	67.75	81.865			
10,600.00	7,241.01	6,736.07	6,693.46	105.10	30.69	-58.82	-1,893.63	-7,591.38	5,447.90	5,379.79	68.11	79.984			
10,700.00	7,241.22	6,737.19	6,694.47	107.79	30.69	-58.88	-1,894.10	-7,591.40	5,349.85	5,281.34	68.51	78.093			
10,800.00	7,241.43	6,738.29	6,695.47	110.48	30.69	-58.94	-1,894.57	-7,591.42	5,251.87	5,182.94	68.93	76.194			
10,900.00	7,241.65	6,739.38	6,696.45	113.18	30.70	-58.99	-1,895.03	-7,591.43	5,153.97	5,084.59	69.38	74.287			
11,000.00	7,241.86	6,740.45	6,697.42	115.89	30.70	-59.05	-1,895.48	-7,591.45	5,056.15	4,986.28	69.86	72.373			
11,100.00	7,242.07	6,741.50	6,698.37	118.60	30.70	-59.11	-1,895.93	-7,591.47	4,958.41	4,888.03	70.38	70.452			
11,200.00	7,242.29	6,742.54	6,699.31	121.32	30.70	-59.16	-1,896.38	-7,591.49	4,860.77	4,789.83	70.93	68.525			
11,300.00	7,242.50	6,743.56	6,700.24	124.05	30.71	-59.22	-1,896.82	-7,591.51	4,763.22	4,691.69	71.53	66.593			
11,400.00	7,242.71	6,744.57	6,701.15	126.78	30.71	-59.27	-1,897.26	-7,591.52	4,665.78	4,593.62	72.16	64.657			
11,500.00	7,242.93	6,745.57	6,702.04	129.52	30.71	-59.33	-1,897.69	-7,591.54	4,568.45	4,495.61	72.84	62.718			
11,600.00	7,243.14	6,746.55	6,702.93	132.27	30.71	-59.38	-1,898.11	-7,591.56	4,471.23	4,397.66	73.57	60.777			
11,700.00	7,243.35	6,747.52	6,703.80	135.02	30.72	-59.43	-1,898.54	-7,591.57	4,374.14	4,299.80	74.35	58.836			
11,800.00	7,243.57	6,748.47	6,704.66	137.77	30.72	-59.48	-1,898.95	-7,591.59	4,277.19	4,202.01	75.18	56.895			
11,900.00	7,243.78	6,749.41	6,705.50	140.53	30.72	-59.53	-1,899.37	-7,591.60	4,180.37	4,104.31	76.07	54.957			
12,000.00	7,243.99	6,750.34	6,706.34	143.29	30.72	-59.58	-1,899.78	-7,591.62	4,083.71	4,006.69	77.02	53.023			
12,100.00	7,244.20	6,751.26	6,707.16	146.05	30.73	-59.63	-1,900.18	-7,591.63	3,987.22	3,909.18	78.04	51.094			
12,200.00	7,244.42	6,752.00	6,710.08	148.82	30.75	-60.05	-1,903.65	-7,591.75	3,890.91	3,811.67	79.24	49.101			
12,300.00	7,244.63	6,752.00	6,714.08	151.60	30.75	-60.05	-1,903.65	-7,591.75	3,794.78	3,714.38	80.40	47.199			
12,400.00	7,244.84	6,752.00	6,714.08	154.37	30.75	-60.05	-1,903.65	-7,591.75	3,698.85	3,617.21	81.64	45.308			
12,500.00	7,245.06	6,752.00	6,714.08	157.15	30.75	-60.05	-1,903.65	-7,591.75	3,603.14	3,520.18	82.97	43.430			
12,600.00	7,245.27	6,752.00	6,714.08	159.93	30.75	-60.05	-1,903.65	-7,591.75	3,507.68	3,423.29	84.39	41.567			
12,700.00	7,245.48	6,752.00	6,714.08	162.71	30.75	-60.05	-1,903.65	-7,591.75	3,412.47	3,326.56	85.91	39.721			
12,800.00	7,245.70	6,752.00	6,714.08	165.50	30.75	-60.05	-1,903.65	-7,591.75	3,317.55	3,230.00	87.54	37.896			
12,900.00	7,245.91	6,752.00	6,714.08	168.29	30.75	-60.05	-1,903.65	-7,591.75	3,222.93	3,133.63	89.30	36.093			
13,000.00	7,246.12	6,752.00	6,714.08	171.08	30.75	-60.05	-1,903.65	-7,591.75	3,128.65	3,037.47	91.18	34.314			
13,100.00	7,246.33	6,752.00	6,714.08	173.87	30.75	-60.05	-1,903.65	-7,591.75	3,034.73	2,941.53	93.20	32.563			
13,200.00	7,246.55	6,752.00	6,714.08	176.67	30.75	-60.05	-1,903.65	-7,591.75	2,941.21	2,845.85	95.37	30.841			
13,300.00	7,246.76	6,752.00	6,714.08	179.47	30.75	-60.05	-1,903.65	-7,591.75	2,848.14	2,750.44	97.70	29.152			
13,400.00	7,246.97	6,752.00	6,714.08	182.27	30.75	-60.05	-1,903.65	-7,591.75	2,755.55	2,655.34	100.21	27.498			
13,500.00	7,247.19	6,752.00	6,714.08	185.07	30.75	-60.05	-1,903.65	-7,591.75	2,663.49	2,560.58	102.91	25.881			
13,600.00	7,247.40	6,752.00	6,714.08	187.87	30.75	-60.05	-1,903.65	-7,591.75	2,572.03	2,466.21	105.83	24.304			
13,700.00	7,247.61	6,752.00	6,714.08	190.68	30.75	-60.05	-1,903.65	-7,591.75	2,481.23	2,372.26	108.97	22.770			
13,800.00	7,247.83	6,752.00	6,714.08	193.48	30.75	-60.05	-1,903.65	-7,591.75	2,391.17	2,278.81	112.36	21.282			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 146-MWD														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,900.00	7,248.04	6,759.00	6,714.08	196.29	30.75	-60.05	-1,903.65	-7,591.75	2,301.92	2,185.90	116.02	19.841			
14,000.00	7,248.25	6,759.00	6,714.08	199.10	30.75	-60.05	-1,903.65	-7,591.75	2,213.59	2,093.62	119.97	18.451			
14,100.00	7,248.46	6,767.42	6,721.55	201.91	30.76	-60.51	-1,907.52	-7,591.86	2,126.26	2,001.65	124.61	17.064			
14,200.00	7,248.68	6,768.11	6,722.16	204.72	30.77	-60.54	-1,907.85	-7,591.87	2,040.12	1,910.84	129.28	15.781			
14,300.00	7,248.89	6,768.79	6,722.76	207.53	30.77	-60.58	-1,908.17	-7,591.88	1,955.30	1,820.97	134.33	14.556			
14,400.00	7,249.10	6,769.46	6,723.36	210.35	30.77	-60.62	-1,908.48	-7,591.89	1,871.99	1,732.19	139.79	13.391			
14,500.00	7,249.32	6,770.12	6,723.94	213.16	30.77	-60.65	-1,908.79	-7,591.89	1,790.38	1,644.69	145.69	12.289			
14,600.00	7,249.53	6,770.77	6,724.51	215.98	30.77	-60.69	-1,909.10	-7,591.90	1,710.72	1,558.67	152.06	11.251			
14,700.00	7,249.74	6,771.41	6,725.07	218.80	30.77	-60.72	-1,909.40	-7,591.91	1,633.31	1,474.40	158.90	10.279			
14,800.00	7,249.96	6,772.04	6,725.63	221.62	30.78	-60.76	-1,909.69	-7,591.92	1,558.46	1,392.21	166.25	9.374			
14,900.00	7,250.17	6,772.66	6,726.17	224.44	30.78	-60.79	-1,909.99	-7,591.92	1,486.58	1,312.49	174.08	8.539			
15,000.00	7,250.38	6,773.27	6,726.71	227.26	30.78	-60.82	-1,910.28	-7,591.93	1,418.10	1,235.71	182.39	7.775			
15,100.00	7,250.59	6,773.87	6,727.24	230.08	30.78	-60.86	-1,910.56	-7,591.94	1,353.56	1,162.45	191.11	7.083			
15,200.00	7,250.81	6,774.46	6,727.76	232.90	30.78	-60.89	-1,910.84	-7,591.94	1,293.53	1,093.38	200.15	6.463			
15,300.00	7,251.02	6,775.04	6,728.27	235.72	30.78	-60.92	-1,911.12	-7,591.95	1,238.68	1,029.32	209.36	5.917			
15,400.00	7,251.23	6,775.61	6,728.77	238.55	30.78	-60.95	-1,911.40	-7,591.96	1,189.72	971.20	218.52	5.444			
15,500.00	7,251.45	6,776.18	6,729.27	241.37	30.78	-60.98	-1,911.67	-7,591.96	1,147.40	920.03	227.37	5.046			
15,600.00	7,251.66	6,776.73	6,729.76	244.20	30.79	-61.01	-1,911.93	-7,591.97	1,112.49	876.91	235.58	4.722			
15,700.00	7,251.87	6,777.28	6,730.24	247.03	30.79	-61.04	-1,912.20	-7,591.98	1,085.69	842.93	242.76	4.472			
15,800.00	7,252.09	6,777.82	6,730.71	249.85	30.79	-61.07	-1,912.46	-7,591.98	1,067.62	819.04	248.58	4.295			
15,900.00	7,252.30	6,778.36	6,731.18	252.68	30.79	-61.10	-1,912.72	-7,591.99	1,058.73	806.01	252.72	4.189			
15,944.55	7,252.39	6,778.59	6,731.38	253.94	30.79	-61.11	-1,912.83	-7,591.99	1,057.79	803.82	253.98	4.165 CC, ES			
16,000.00	7,252.51	6,778.88	6,731.64	255.51	30.79	-61.13	-1,912.97	-7,591.99	1,059.25	804.24	255.00	4.154 SF			
16,100.00	7,252.72	6,779.40	6,732.09	258.34	30.79	-61.16	-1,913.22	-7,592.00	1,069.15	813.79	255.36	4.187			
16,200.00	7,252.94	6,779.91	6,732.54	261.17	30.79	-61.18	-1,913.47	-7,592.00	1,088.20	834.29	253.91	4.286			
16,300.00	7,253.15	6,780.41	6,732.98	264.00	30.79	-61.21	-1,913.71	-7,592.01	1,115.91	865.06	250.86	4.448			
16,400.00	7,253.36	6,780.91	6,733.41	266.83	30.80	-61.24	-1,913.95	-7,592.01	1,151.67	905.16	246.51	4.672			
16,500.00	7,253.58	6,790.00	6,741.32	269.66	30.82	-61.73	-1,918.44	-7,592.09	1,194.84	952.73	242.11	4.935			
16,600.00	7,253.79	6,790.00	6,741.32	272.50	30.82	-61.73	-1,918.44	-7,592.09	1,244.47	1,008.42	236.05	5.272			
16,700.00	7,254.00	6,790.00	6,741.32	275.33	30.82	-61.73	-1,918.44	-7,592.09	1,299.91	1,070.30	229.61	5.661			
16,800.00	7,254.22	6,790.00	6,741.32	278.16	30.82	-61.73	-1,918.44	-7,592.09	1,360.45	1,137.43	223.02	6.100			
16,900.00	7,254.43	6,790.00	6,741.32	281.00	30.82	-61.73	-1,918.44	-7,592.09	1,425.44	1,208.99	216.45	6.586			
17,000.00	7,254.64	6,790.00	6,741.32	283.83	30.82	-61.73	-1,918.44	-7,592.09	1,494.31	1,284.28	210.02	7.115			
17,100.00	7,254.85	6,790.00	6,741.32	286.67	30.82	-61.73	-1,918.44	-7,592.09	1,566.53	1,362.71	203.82	7.686			
17,200.00	7,255.07	6,790.00	6,741.32	289.50	30.82	-61.73	-1,918.44	-7,592.09	1,641.67	1,443.78	197.89	8.296			
17,300.00	7,255.28	6,790.00	6,741.32	292.34	30.82	-61.73	-1,918.44	-7,592.09	1,719.34	1,527.07	192.27	8.942			
17,400.00	7,255.49	6,790.00	6,741.32	295.17	30.82	-61.73	-1,918.44	-7,592.09	1,799.22	1,612.25	186.97	9.623			
17,500.00	7,255.71	6,790.00	6,741.32	298.01	30.82	-61.73	-1,918.44	-7,592.09	1,881.02	1,699.04	181.98	10.336			
17,600.00	7,255.92	6,790.00	6,741.32	300.85	30.82	-61.73	-1,918.44	-7,592.09	1,964.51	1,787.20	177.31	11.080			
17,700.00	7,256.13	6,790.00	6,741.32	303.68	30.82	-61.73	-1,918.44	-7,592.09	2,049.48	1,876.55	172.93	11.851			
17,800.00	7,256.35	6,790.00	6,741.32	306.52	30.82	-61.73	-1,918.44	-7,592.09	2,135.75	1,966.91	168.84	12.649			
17,900.00	7,256.56	6,790.00	6,741.32	309.36	30.82	-61.73	-1,918.44	-7,592.09	2,223.17	2,058.16	165.01	13.473			
18,000.00	7,256.77	6,790.00	6,741.32	312.20	30.82	-61.73	-1,918.44	-7,592.09	2,311.61	2,150.18	161.43	14.319			
18,100.00	7,256.98	6,790.00	6,741.32	315.04	30.82	-61.73	-1,918.44	-7,592.09	2,400.96	2,242.87	158.09	15.188			
18,200.00	7,257.20	6,790.00	6,741.32	317.88	30.82	-61.73	-1,918.44	-7,592.09	2,491.12	2,336.17	154.95	16.077			
18,300.00	7,257.41	6,790.00	6,741.32	320.72	30.82	-61.73	-1,918.44	-7,592.09	2,582.00	2,429.98	152.02	16.985			
18,400.00	7,257.62	6,790.00	6,741.32	323.56	30.82	-61.73	-1,918.44	-7,592.09	2,673.54	2,524.27	149.27	17.911			
18,500.00	7,257.84	6,790.00	6,741.32	326.40	30.82	-61.73	-1,918.44	-7,592.09	2,765.66	2,618.96	146.69	18.854			
18,600.00	7,258.05	6,790.00	6,741.32	329.24	30.82	-61.73	-1,918.44	-7,592.09	2,858.31	2,714.04	144.27	19.812			
18,700.00	7,258.26	6,790.00	6,741.32	332.08	30.82	-61.73	-1,918.44	-7,592.09	2,951.44	2,809.44	141.99	20.786			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - Harvesters Resources #15M-303(PR) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 146-MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
18,800.00	7,258.48	6,790.00	6,741.32	334.92	30.82	-61.73	-1,918.44	-7,592.09	3,045.00	2,905.15	139.85	21.773		
18,900.00	7,258.69	6,790.00	6,741.32	337.76	30.82	-61.73	-1,918.44	-7,592.09	3,138.96	3,001.12	137.84	22.772		
19,000.00	7,258.90	6,790.00	6,741.32	340.60	30.82	-61.73	-1,918.44	-7,592.09	3,233.29	3,097.35	135.94	23.784		
19,046.19	7,259.00	6,790.00	6,741.32	341.92	30.82	-61.73	-1,918.44	-7,592.09	3,276.97	3,141.87	135.10	24.256		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-106.39	-2,092.27	-7,111.57	7,412.97					
100.00	100.00	113.10	113.10	3.28	3.29	-106.40	-2,092.46	-7,111.33	7,412.83	7,406.25	6.57	1,127.574		
200.00	200.00	204.00	203.99	3.34	3.33	-106.40	-2,092.94	-7,110.89	7,412.52	7,405.85	6.67	1,111.816		
248.02	248.02	238.00	238.00	3.38	3.36	-106.40	-2,093.24	-7,110.76	7,412.46	7,405.72	6.74	1,099.591		
300.00	300.00	262.79	262.79	3.44	3.38	-106.41	-2,093.48	-7,110.73	7,412.55	7,405.72	6.83	1,085.525		
400.00	399.98	306.50	306.49	3.60	3.43	128.57	-2,093.86	-7,110.96	7,414.38	7,407.35	7.03	1,054.234		
500.00	499.84	454.00	453.98	3.79	3.67	128.54	-2,095.33	-7,112.09	7,418.77	7,411.30	7.46	993.870		
600.00	599.45	582.31	582.28	4.03	3.96	128.51	-2,097.10	-7,111.86	7,424.41	7,416.42	7.99	929.786		
700.00	698.70	714.72	714.68	4.30	4.31	128.47	-2,098.61	-7,111.29	7,431.94	7,423.33	8.61	863.163		
800.00	797.47	797.97	797.92	4.61	4.56	128.39	-2,099.86	-7,110.78	7,441.56	7,432.39	9.16	812.097		
900.00	895.62	942.76	942.68	4.95	5.02	128.36	-2,101.94	-7,109.61	7,453.20	7,443.23	9.96	747.962		
1,000.00	993.06	1,043.69	1,043.60	5.33	5.36	128.28	-2,103.03	-7,108.37	7,466.48	7,455.80	10.68	699.418		
1,100.00	1,090.08	1,126.15	1,126.05	5.74	5.65	128.39	-2,103.39	-7,107.66	7,481.04	7,469.69	11.36	658.790		
1,200.00	1,187.11	1,225.33	1,225.23	6.17	6.00	128.54	-2,103.69	-7,106.97	7,495.78	7,483.66	12.12	618.378		
1,300.00	1,284.14	1,310.08	1,309.98	6.61	6.32	128.66	-2,104.01	-7,106.35	7,510.54	7,497.68	12.86	584.029		
1,400.00	1,381.17	1,415.53	1,415.43	7.07	6.71	128.81	-2,104.38	-7,105.75	7,525.51	7,511.82	13.69	549.515		
1,500.00	1,478.20	1,519.44	1,519.34	7.55	7.11	128.95	-2,104.37	-7,105.04	7,540.30	7,525.76	14.54	518.653		
1,600.00	1,575.23	1,629.65	1,629.54	8.03	7.53	129.11	-2,104.34	-7,104.19	7,555.06	7,539.64	15.42	489.916		
1,700.00	1,672.26	1,705.63	1,705.52	8.52	7.83	129.22	-2,104.33	-7,103.63	7,569.89	7,553.71	16.18	467.804		
1,800.00	1,769.29	1,808.18	1,808.07	9.01	8.23	129.36	-2,104.57	-7,102.97	7,584.93	7,567.87	17.06	444.575		
1,900.00	1,866.32	1,866.32	1,866.21	9.51	8.46	129.44	-2,104.80	-7,102.63	7,600.13	7,582.37	17.76	427.938		
2,000.00	1,963.35	1,917.00	1,916.89	10.02	8.66	129.52	-2,104.66	-7,102.76	7,615.96	7,597.53	18.43	413.220		
2,100.00	2,060.38	1,974.32	1,974.20	10.53	8.87	129.60	-2,104.11	-7,103.34	7,632.39	7,613.27	19.12	399.127		
2,200.00	2,157.41	2,037.53	2,037.39	11.04	9.11	129.70	-2,102.98	-7,104.45	7,649.35	7,629.51	19.84	385.531		
2,300.00	2,254.44	2,113.55	2,113.35	11.56	9.40	129.83	-2,100.66	-7,106.29	7,666.69	7,646.08	20.61	371.911		
2,400.00	2,351.47	2,243.64	2,243.22	12.07	9.90	130.07	-2,093.98	-7,110.01	7,684.05	7,662.44	21.61	355.516		
2,500.00	2,448.50	2,379.79	2,379.00	12.59	10.44	130.33	-2,084.74	-7,113.66	7,700.92	7,678.27	22.65	339.993		
2,600.00	2,545.53	2,443.82	2,442.81	13.12	10.70	130.46	-2,079.79	-7,115.48	7,717.82	7,694.43	23.39	329.907		
2,700.00	2,642.56	2,518.77	2,517.46	13.64	11.00	130.61	-2,073.57	-7,118.08	7,735.25	7,711.06	24.19	319.813		
2,800.00	2,739.59	2,630.01	2,628.16	14.17	11.46	130.85	-2,063.34	-7,122.03	7,752.66	7,727.51	25.14	308.357		
2,900.00	2,836.62	2,711.57	2,709.24	14.69	11.80	131.02	-2,055.08	-7,125.08	7,770.15	7,744.18	25.97	299.151		
3,000.00	2,933.65	2,780.41	2,777.58	15.22	12.09	131.17	-2,047.42	-7,128.01	7,788.02	7,761.27	26.75	291.105		
3,100.00	3,030.68	2,850.83	2,847.46	15.75	12.39	131.33	-2,039.36	-7,131.29	7,806.30	7,778.75	27.54	283.420		
3,200.00	3,127.71	2,931.11	2,927.15	16.28	12.74	131.51	-2,030.43	-7,135.18	7,824.92	7,796.54	28.38	275.717		
3,300.00	3,224.74	2,996.27	2,991.88	16.82	13.02	131.65	-2,023.58	-7,138.38	7,843.84	7,814.69	29.15	269.094		
3,400.00	3,321.76	3,058.00	3,053.17	17.35	13.29	131.79	-2,017.09	-7,141.75	7,863.33	7,833.43	29.90	262.968		
3,500.00	3,418.79	3,131.06	3,125.71	17.88	13.61	131.94	-2,009.46	-7,145.98	7,883.25	7,852.54	30.71	256.698		
3,600.00	3,515.82	3,286.63	3,280.29	18.42	14.30	132.27	-1,994.09	-7,154.41	7,903.11	7,871.20	31.91	247.646		
3,700.00	3,612.85	3,410.27	3,403.19	18.95	14.85	132.53	-1,981.87	-7,160.08	7,922.21	7,889.24	32.97	240.297		
3,800.00	3,709.88	3,534.85	3,526.97	19.49	15.41	132.79	-1,968.95	-7,165.69	7,941.29	7,907.26	34.03	233.334		
3,900.00	3,806.91	3,609.70	3,601.34	20.02	15.75	132.95	-1,961.14	-7,168.97	7,960.34	7,925.47	34.86	228.341		
4,000.00	3,903.94	3,671.61	3,662.85	20.56	16.03	133.08	-1,954.74	-7,171.86	7,979.76	7,944.13	35.63	223.988		
4,100.00	4,000.97	3,733.27	3,724.10	21.09	16.31	133.20	-1,948.43	-7,175.01	7,999.70	7,963.31	36.39	219.844		
4,200.00	4,098.00	3,818.00	3,808.29	21.63	16.70	133.38	-1,939.94	-7,179.44	8,019.89	7,982.63	37.26	215.216		
4,300.00	4,195.03	3,878.18	3,868.05	22.17	16.98	133.50	-1,933.74	-7,182.78	8,040.45	8,002.43	38.02	211.482		
4,400.00	4,292.06	3,940.05	3,929.42	22.71	17.27	133.63	-1,926.88	-7,186.64	8,061.57	8,022.78	38.78	207.862		
4,500.00	4,389.09	4,022.56	4,011.22	23.25	17.65	133.81	-1,917.47	-7,192.01	8,083.01	8,043.36	39.65	203.838		
4,600.00	4,486.12	4,210.38	4,197.32	23.78	18.54	134.22	-1,894.98	-7,203.74	8,104.39	8,063.31	41.08	197.306		
4,700.00	4,583.15	4,287.98	4,274.28	24.32	18.91	134.38	-1,886.04	-7,208.01	8,125.09	8,083.17	41.93	193.800		
4,800.00	4,680.18	4,515.24	4,499.95	24.86	19.98	134.85	-1,861.54	-7,218.92	8,145.54	8,102.00	43.54	187.067		
4,900.00	4,777.21	4,633.06	4,617.02	25.40	20.53	135.08	-1,849.08	-7,223.34	8,164.98	8,120.38	44.60	183.076		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 146-MWD														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
5,000.00	4,874.24	4,732.89	4,716.32	25.94	21.00	135.27	-1,839.26	-7,226.58	8,184.10	8,138.54	45.56	179.637			
5,100.00	4,971.27	4,839.61	4,822.64	26.48	21.49	135.47	-1,830.65	-7,229.84	8,203.40	8,156.85	46.55	176.239			
5,200.00	5,068.30	4,920.17	4,902.98	27.02	21.85	135.60	-1,825.23	-7,232.05	8,222.65	8,175.25	47.40	173.482			
5,300.00	5,165.33	5,173.19	5,155.74	27.56	22.95	135.98	-1,815.43	-7,236.27	8,241.58	8,192.52	49.06	167.987			
5,400.00	5,262.36	5,243.00	5,225.55	28.10	23.24	136.07	-1,814.37	-7,236.54	8,259.40	8,209.56	49.84	165.707			
5,500.00	5,359.39	5,309.26	5,291.80	28.64	23.52	136.15	-1,813.64	-7,236.99	8,277.61	8,227.00	50.61	163.567			
5,600.00	5,456.42	5,370.29	5,352.83	29.18	23.77	136.23	-1,813.18	-7,237.60	8,296.21	8,244.86	51.34	161.584			
5,700.00	5,553.45	5,433.00	5,415.53	29.72	24.03	136.30	-1,812.92	-7,238.53	8,315.31	8,263.22	52.08	159.650			
5,800.00	5,650.47	5,480.13	5,462.64	30.27	24.22	136.36	-1,812.83	-7,239.44	8,334.92	8,282.17	52.75	158.007			
5,900.00	5,747.50	5,709.83	5,692.29	30.81	25.14	136.61	-1,815.73	-7,242.62	8,354.51	8,300.26	54.25	154.013			
6,000.00	5,844.53	5,820.69	5,803.12	31.35	25.58	136.72	-1,817.95	-7,242.83	8,372.79	8,317.59	55.19	151.696			
6,100.00	5,941.56	5,911.27	5,893.70	31.89	25.94	136.82	-1,819.25	-7,243.04	8,391.08	8,335.03	56.06	149.691			
6,200.00	6,038.59	5,990.98	5,973.40	32.43	26.27	136.91	-1,820.08	-7,243.39	8,409.54	8,352.67	56.87	147.872			
6,300.00	6,135.62	6,080.36	6,062.78	32.97	26.63	137.00	-1,820.84	-7,243.93	8,428.17	8,370.44	57.73	145.993			
6,400.00	6,232.65	6,169.50	6,151.91	33.51	26.99	137.10	-1,821.61	-7,244.54	8,446.91	8,388.32	58.59	144.172			
6,500.00	6,329.68	6,255.81	6,238.22	34.06	27.34	137.19	-1,822.40	-7,245.23	8,465.78	8,406.35	59.44	142.435			
6,600.00	6,426.71	6,332.89	6,315.29	34.60	27.66	137.28	-1,822.95	-7,245.98	8,484.84	8,424.60	60.24	140.848			
6,655.36	6,480.43	6,372.71	6,355.11	34.90	27.82	137.32	-1,823.08	-7,246.48	8,495.53	8,434.85	60.67	140.020			
6,700.00	6,524.01	6,427.77	6,410.17	35.13	28.05	125.26	-1,823.15	-7,247.19	8,502.62	8,441.50	61.13	139.100			
6,750.00	6,573.29	6,456.09	6,438.48	35.36	28.17	102.82	-1,823.23	-7,247.54	8,506.92	8,445.46	61.46	138.421			
6,800.00	6,622.76	6,477.00	6,459.39	35.56	28.25	72.49	-1,823.58	-7,247.86	8,507.50	8,445.77	61.73	137.823			
6,850.00	6,672.13	6,488.56	6,470.94	35.73	28.30	47.07	-1,823.94	-7,248.06	8,504.37	8,442.45	61.92	137.337			
6,900.00	6,721.08	6,509.00	6,491.35	35.88	28.38	31.55	-1,824.95	-7,248.46	8,497.58	8,435.45	62.13	136.760			
6,950.00	6,769.31	6,509.00	6,491.35	36.03	28.38	22.34	-1,824.95	-7,248.46	8,487.15	8,424.92	62.23	136.390			
7,000.00	6,816.53	6,527.00	6,509.30	36.18	28.45	16.51	-1,826.25	-7,248.89	8,473.13	8,410.75	62.38	135.821			
7,050.00	6,862.44	6,541.00	6,523.23	36.34	28.51	12.51	-1,827.53	-7,249.28	8,455.63	8,393.12	62.51	135.276			
7,100.00	6,906.77	6,541.00	6,523.23	36.50	28.51	9.58	-1,827.53	-7,249.28	8,434.73	8,372.19	62.55	134.854			
7,150.00	6,949.23	6,560.89	6,542.99	36.68	28.58	7.30	-1,829.75	-7,249.90	8,410.51	8,347.84	62.67	134.211			
7,200.00	6,989.58	6,572.00	6,554.00	36.87	28.62	5.41	-1,831.20	-7,250.28	8,383.13	8,320.39	62.73	133.632			
7,250.00	7,027.55	6,585.27	6,567.12	37.09	28.67	3.75	-1,833.11	-7,250.76	8,352.71	8,289.92	62.80	133.009			
7,300.00	7,062.91	6,604.00	6,585.59	37.32	28.74	2.22	-1,836.14	-7,251.47	8,319.43	8,256.55	62.88	132.306			
7,350.00	7,095.45	6,615.58	6,596.97	37.59	28.78	0.71	-1,838.22	-7,251.91	8,283.44	8,220.52	62.92	131.648			
7,400.00	7,124.97	6,637.81	6,618.74	37.88	28.86	-0.89	-1,842.61	-7,252.73	8,244.93	8,181.92	63.01	130.859			
7,450.00	7,151.28	6,658.33	6,638.75	38.21	28.93	-2.68	-1,847.14	-7,253.45	8,204.11	8,141.03	63.08	130.059			
7,500.00	7,174.22	6,674.37	6,654.30	38.58	28.99	-4.81	-1,851.00	-7,253.98	8,161.22	8,098.09	63.13	129.274			
7,550.00	7,193.65	6,686.54	6,666.06	38.98	29.03	-7.50	-1,854.12	-7,254.37	8,116.54	8,053.37	63.17	128.497			
7,600.00	7,209.45	6,698.00	6,677.09	39.43	29.07	-11.19	-1,857.20	-7,254.74	8,070.32	8,007.12	63.20	127.697			
7,650.00	7,221.52	6,703.99	6,682.84	39.91	29.09	-16.62	-1,858.87	-7,254.93	8,022.83	7,959.62	63.21	126.921			
7,700.00	7,229.79	6,709.27	6,687.90	40.42	29.10	-25.53	-1,860.37	-7,255.09	7,974.37	7,911.15	63.23	126.123			
7,750.00	7,234.21	6,712.48	6,690.98	40.97	29.11	-41.71	-1,861.30	-7,255.19	7,925.23	7,861.99	63.24	125.318			
7,780.56	7,235.00	6,713.43	6,691.89	41.32	29.12	-57.91	-1,861.58	-7,255.22	7,894.98	7,831.73	63.25	124.822			
7,800.00	7,235.04	6,713.79	6,692.23	41.54	29.12	-57.92	-1,861.68	-7,255.23	7,875.71	7,812.46	63.26	124.507			
7,900.00	7,235.26	6,715.63	6,693.98	42.82	29.12	-58.02	-1,862.22	-7,255.29	7,776.59	7,713.30	63.28	122.883			
8,000.00	7,235.47	6,717.46	6,695.73	44.25	29.13	-58.12	-1,862.76	-7,255.35	7,677.49	7,614.17	63.32	121.251			
8,100.00	7,235.68	6,719.28	6,697.47	45.82	29.14	-58.22	-1,863.31	-7,255.40	7,578.41	7,515.05	63.36	119.609			
8,200.00	7,235.90	6,721.10	6,699.21	47.52	29.14	-58.32	-1,863.85	-7,255.46	7,479.36	7,415.95	63.41	117.958			
8,300.00	7,236.11	6,722.91	6,700.93	49.34	29.15	-58.41	-1,864.39	-7,255.51	7,380.33	7,316.87	63.46	116.297			
8,400.00	7,236.32	6,730.00	6,707.68	51.25	29.17	-58.80	-1,866.56	-7,255.73	7,281.33	7,217.78	63.55	114.579			
8,500.00	7,236.54	6,730.00	6,707.68	53.26	29.17	-58.80	-1,866.56	-7,255.73	7,182.35	7,118.74	63.61	112.915			
8,600.00	7,236.75	6,730.00	6,707.68	55.34	29.17	-58.80	-1,866.56	-7,255.73	7,083.40	7,019.72	63.68	111.242			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 146-MWD														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,700.00	7,236.96	6,730.00	6,707.68	57.50	29.17	-58.80	-1,866.56	-7,255.73	6,984.48	6,920.73	63.75	109.558			
8,800.00	7,237.17	6,730.00	6,707.68	59.71	29.17	-58.80	-1,866.56	-7,255.73	6,885.59	6,821.75	63.84	107.864			
8,900.00	7,237.39	6,730.00	6,707.68	61.98	29.17	-58.80	-1,866.56	-7,255.73	6,786.73	6,722.80	63.93	106.159			
9,000.00	7,237.60	6,730.00	6,707.68	64.29	29.17	-58.80	-1,866.56	-7,255.73	6,687.91	6,623.88	64.03	104.445			
9,100.00	7,237.81	6,730.00	6,707.68	66.65	29.17	-58.80	-1,866.56	-7,255.73	6,589.12	6,524.97	64.15	102.719			
9,200.00	7,238.03	6,730.00	6,707.68	69.05	29.17	-58.80	-1,866.56	-7,255.73	6,490.37	6,426.10	64.27	100.983			
9,300.00	7,238.24	6,738.50	6,715.74	71.48	29.20	-59.26	-1,869.23	-7,255.99	6,391.65	6,327.19	64.46	99.158			
9,400.00	7,238.45	6,739.92	6,717.09	73.95	29.20	-59.33	-1,869.68	-7,256.03	6,292.97	6,228.35	64.62	97.386			
9,500.00	7,238.67	6,741.34	6,718.43	76.44	29.21	-59.41	-1,870.14	-7,256.08	6,194.34	6,129.54	64.79	95.604			
9,600.00	7,238.88	6,742.77	6,719.78	78.96	29.21	-59.49	-1,870.60	-7,256.12	6,095.75	6,030.77	64.98	93.811			
9,700.00	7,239.09	6,744.20	6,721.13	81.50	29.22	-59.57	-1,871.06	-7,256.16	5,997.20	5,932.02	65.18	92.006			
9,800.00	7,239.30	6,745.63	6,722.49	84.06	29.22	-59.65	-1,871.53	-7,256.21	5,898.71	5,833.30	65.40	90.190			
9,900.00	7,239.52	6,747.07	6,723.85	86.64	29.22	-59.73	-1,872.00	-7,256.25	5,800.26	5,734.62	65.64	88.363			
10,000.00	7,239.73	6,748.51	6,725.21	89.23	29.23	-59.80	-1,872.48	-7,256.30	5,701.87	5,635.97	65.90	86.525			
10,100.00	7,239.94	6,749.96	6,726.58	91.85	29.23	-59.88	-1,872.95	-7,256.34	5,603.53	5,537.35	66.18	84.677			
10,200.00	7,240.16	6,751.41	6,727.95	94.47	29.24	-59.96	-1,873.44	-7,256.39	5,505.25	5,438.78	66.47	82.817			
10,300.00	7,240.37	6,752.87	6,729.32	97.11	29.24	-60.04	-1,873.92	-7,256.43	5,407.04	5,340.24	66.80	80.947			
10,400.00	7,240.58	6,761.00	6,736.96	99.76	29.27	-60.49	-1,876.68	-7,256.69	5,308.90	5,241.70	67.20	79.003			
10,500.00	7,240.80	6,761.00	6,736.96	102.43	29.27	-60.49	-1,876.68	-7,256.69	5,210.81	5,143.25	67.56	77.126			
10,600.00	7,241.01	6,761.00	6,736.96	105.10	29.27	-60.49	-1,876.68	-7,256.69	5,112.80	5,044.85	67.95	75.241			
10,700.00	7,241.22	6,761.00	6,736.96	107.79	29.27	-60.49	-1,876.68	-7,256.69	5,014.87	4,946.50	68.37	73.347			
10,800.00	7,241.43	6,761.00	6,736.96	110.48	29.27	-60.49	-1,876.68	-7,256.69	4,917.03	4,848.20	68.82	71.445			
10,900.00	7,241.65	6,762.39	6,738.26	113.18	29.27	-60.57	-1,877.16	-7,256.73	4,819.27	4,749.94	69.32	69.521			
11,000.00	7,241.86	6,765.24	6,740.94	115.89	29.28	-60.72	-1,878.15	-7,256.82	4,721.60	4,651.73	69.87	67.576			
11,100.00	7,242.07	6,768.00	6,743.52	118.60	29.29	-60.88	-1,879.12	-7,256.90	4,624.03	4,553.57	70.46	65.626			
11,200.00	7,242.29	6,770.66	6,746.01	121.32	29.30	-61.02	-1,880.06	-7,256.98	4,526.56	4,455.47	71.09	63.672			
11,300.00	7,242.50	6,773.24	6,748.42	124.05	29.31	-61.17	-1,880.97	-7,257.06	4,429.21	4,357.44	71.77	61.714			
11,400.00	7,242.71	6,775.74	6,750.75	126.78	29.31	-61.31	-1,881.87	-7,257.13	4,331.97	4,259.47	72.50	59.754			
11,500.00	7,242.93	6,778.16	6,753.01	129.52	29.32	-61.44	-1,882.74	-7,257.19	4,234.86	4,161.58	73.28	57.794			
11,600.00	7,243.14	6,780.51	6,755.19	132.27	29.33	-61.57	-1,883.60	-7,257.26	4,137.89	4,063.78	74.11	55.834			
11,700.00	7,243.35	6,782.78	6,757.31	135.02	29.34	-61.70	-1,884.43	-7,257.32	4,041.06	3,966.05	75.01	53.876			
11,800.00	7,243.57	6,784.99	6,759.36	137.77	29.34	-61.82	-1,885.24	-7,257.38	3,944.39	3,868.42	75.97	51.922			
11,900.00	7,243.78	6,787.13	6,761.34	140.53	29.35	-61.94	-1,886.04	-7,257.44	3,847.88	3,770.88	77.00	49.973			
12,000.00	7,243.99	6,789.21	6,763.27	143.29	29.36	-62.06	-1,886.82	-7,257.49	3,751.56	3,673.46	78.11	48.032			
12,100.00	7,244.20	6,793.00	6,766.78	146.05	29.37	-62.27	-1,888.24	-7,257.58	3,655.44	3,576.11	79.32	46.083			
12,200.00	7,244.42	6,793.00	6,766.78	148.82	29.37	-62.27	-1,888.24	-7,257.58	3,559.52	3,478.96	80.57	44.182			
12,300.00	7,244.63	6,793.00	6,766.78	151.60	29.37	-62.27	-1,888.24	-7,257.58	3,463.84	3,381.94	81.90	42.293			
12,400.00	7,244.84	6,793.00	6,766.78	154.37	29.37	-62.27	-1,888.24	-7,257.58	3,368.41	3,285.07	83.34	40.420			
12,500.00	7,245.06	6,793.00	6,766.78	157.15	29.37	-62.27	-1,888.24	-7,257.58	3,273.25	3,188.37	84.88	38.564			
12,600.00	7,245.27	6,799.56	6,772.84	159.93	29.39	-62.63	-1,890.75	-7,257.74	3,178.37	3,091.70	86.67	36.671			
12,700.00	7,245.48	6,801.09	6,774.25	162.71	29.39	-62.72	-1,891.34	-7,257.78	3,083.83	2,995.33	88.50	34.846			
12,800.00	7,245.70	6,802.60	6,775.64	165.50	29.40	-62.80	-1,891.93	-7,257.81	2,989.64	2,899.17	90.46	33.048			
12,900.00	7,245.91	6,804.08	6,777.01	168.29	29.40	-62.89	-1,892.51	-7,257.85	2,895.83	2,803.25	92.58	31.279			
13,000.00	7,246.12	6,805.54	6,778.35	171.08	29.41	-62.97	-1,893.08	-7,257.88	2,802.46	2,707.59	94.87	29.541			
13,100.00	7,246.33	6,806.97	6,779.67	173.87	29.41	-63.05	-1,893.64	-7,257.91	2,709.55	2,612.22	97.33	27.839			
13,200.00	7,246.55	6,808.39	6,780.97	176.67	29.41	-63.13	-1,894.20	-7,257.94	2,617.17	2,517.18	99.99	26.174			
13,300.00	7,246.76	6,809.78	6,782.24	179.47	29.42	-63.21	-1,894.75	-7,257.97	2,525.36	2,422.50	102.87	24.550			
13,400.00	7,246.97	6,811.14	6,783.49	182.27	29.42	-63.28	-1,895.30	-7,258.00	2,434.20	2,328.23	105.98	22.970			
13,500.00	7,247.19	6,812.49	6,784.73	185.07	29.43	-63.36	-1,895.84	-7,258.03	2,343.76	2,234.42	109.34	21.435			
13,600.00	7,247.40	6,813.82	6,785.94	187.87	29.43	-63.43	-1,896.37	-7,258.06	2,254.13	2,141.14	112.98	19.951			
13,700.00	7,247.61	6,815.12	6,787.14	190.68	29.43	-63.51	-1,896.89	-7,258.09	2,165.40	2,048.47	116.93	18.518			

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 146-MWD														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,800.00	7,247.83	6,816.41	6,788.31	193.48	29.44	-63.58	-1,897.41	-7,258.12	2,077.70	1,956.48	121.22	17.140			
13,900.00	7,248.04	6,817.67	6,789.47	196.29	29.44	-63.65	-1,897.93	-7,258.14	1,991.15	1,865.29	125.86	15.820			
14,000.00	7,248.25	6,825.00	6,796.15	199.10	29.46	-64.06	-1,900.93	-7,258.29	1,905.94	1,774.77	131.17	14.530			
14,100.00	7,248.46	6,825.00	6,796.15	201.91	29.46	-64.06	-1,900.93	-7,258.29	1,822.20	1,685.60	136.60	13.340			
14,200.00	7,248.68	6,825.00	6,796.15	204.72	29.46	-64.06	-1,900.93	-7,258.29	1,740.18	1,597.70	142.48	12.213			
14,300.00	7,248.89	6,825.00	6,796.15	207.53	29.46	-64.06	-1,900.93	-7,258.29	1,660.13	1,511.29	148.85	11.153			
14,400.00	7,249.10	6,825.00	6,796.15	210.35	29.46	-64.06	-1,900.93	-7,258.29	1,582.36	1,426.63	155.72	10.161			
14,500.00	7,249.32	6,825.00	6,796.15	213.16	29.46	-64.06	-1,900.93	-7,258.29	1,507.20	1,344.08	163.12	9.240			
14,600.00	7,249.53	6,825.00	6,796.15	215.98	29.46	-64.06	-1,900.93	-7,258.29	1,435.09	1,264.05	171.04	8.390			
14,700.00	7,249.74	6,825.00	6,796.15	218.80	29.46	-64.06	-1,900.93	-7,258.29	1,366.49	1,187.03	179.46	7.614			
14,800.00	7,249.96	6,825.00	6,796.15	221.62	29.46	-64.06	-1,900.93	-7,258.29	1,301.96	1,113.64	188.33	6.913			
14,900.00	7,250.17	6,825.00	6,796.15	224.44	29.46	-64.06	-1,900.93	-7,258.29	1,242.14	1,044.62	197.53	6.289			
15,000.00	7,250.38	6,825.00	6,796.15	227.26	29.46	-64.06	-1,900.93	-7,258.29	1,187.74	980.85	206.90	5.741			
15,100.00	7,250.59	6,825.00	6,796.15	230.08	29.46	-64.06	-1,900.93	-7,258.29	1,139.54	923.33	216.21	5.271			
15,200.00	7,250.81	6,832.56	6,803.01	232.90	29.49	-64.49	-1,904.09	-7,258.43	1,098.29	872.45	225.84	4.863			
15,300.00	7,251.02	6,833.59	6,803.95	235.72	29.49	-64.54	-1,904.53	-7,258.45	1,064.90	830.74	234.17	4.548			
15,400.00	7,251.23	6,834.60	6,804.87	238.55	29.49	-64.60	-1,904.96	-7,258.47	1,040.09	798.74	241.35	4.309			
15,500.00	7,251.45	6,835.60	6,805.77	241.37	29.50	-64.66	-1,905.39	-7,258.49	1,024.48	777.47	247.01	4.147			
15,600.00	7,251.66	6,836.59	6,806.66	244.20	29.50	-64.71	-1,905.81	-7,258.51	1,018.49	767.66	250.83	4.061			
15,611.20	7,251.68	6,836.70	6,806.76	244.52	29.50	-64.72	-1,905.85	-7,258.51	1,018.43	767.30	251.13	4.055 CC, ES			
15,700.00	7,251.87	6,837.56	6,807.54	247.03	29.50	-64.77	-1,906.22	-7,258.52	1,022.29	769.67	252.63	4.047 SF			
15,800.00	7,252.09	6,838.52	6,808.40	249.85	29.50	-64.82	-1,906.63	-7,258.54	1,035.78	783.38	252.40	4.104			
15,900.00	7,252.30	6,839.46	6,809.26	252.68	29.51	-64.87	-1,907.04	-7,258.56	1,058.58	808.27	250.31	4.229			
16,000.00	7,252.51	6,840.39	6,810.09	255.51	29.51	-64.93	-1,907.44	-7,258.57	1,090.11	843.47	246.64	4.420			
16,100.00	7,252.72	6,841.30	6,810.92	258.34	29.51	-64.98	-1,907.83	-7,258.59	1,129.64	887.91	241.73	4.673			
16,200.00	7,252.94	6,842.21	6,811.74	261.17	29.51	-65.03	-1,908.22	-7,258.60	1,176.36	940.42	235.94	4.986			
16,300.00	7,253.15	6,843.10	6,812.54	264.00	29.52	-65.08	-1,908.61	-7,258.62	1,229.45	999.85	229.60	5.355			
16,400.00	7,253.36	6,843.98	6,813.33	266.83	29.52	-65.13	-1,908.99	-7,258.63	1,288.13	1,065.14	222.99	5.777			
16,500.00	7,253.58	6,844.84	6,814.11	269.66	29.52	-65.18	-1,909.37	-7,258.65	1,351.67	1,135.35	216.32	6.248			
16,600.00	7,253.79	6,845.70	6,814.88	272.50	29.53	-65.23	-1,909.74	-7,258.66	1,419.41	1,209.67	209.75	6.767			
16,700.00	7,254.00	6,846.54	6,815.63	275.33	29.53	-65.27	-1,910.11	-7,258.68	1,490.79	1,287.41	203.38	7.330			
16,800.00	7,254.22	6,847.37	6,816.38	278.16	29.53	-65.32	-1,910.47	-7,258.69	1,565.30	1,368.02	197.29	7.934			
16,900.00	7,254.43	6,848.19	6,817.12	281.00	29.53	-65.37	-1,910.83	-7,258.70	1,642.53	1,451.02	191.51	8.577			
17,000.00	7,254.64	6,857.00	6,825.01	283.83	29.56	-65.86	-1,914.75	-7,258.83	1,722.14	1,535.56	186.58	9.230			
17,100.00	7,254.85	6,857.00	6,825.01	286.67	29.56	-65.86	-1,914.75	-7,258.83	1,803.73	1,622.34	181.39	9.944			
17,200.00	7,255.07	6,857.00	6,825.01	289.50	29.56	-65.86	-1,914.75	-7,258.83	1,887.09	1,710.56	176.53	10.690			
17,300.00	7,255.28	6,857.00	6,825.01	292.34	29.56	-65.86	-1,914.75	-7,258.83	1,972.00	1,800.01	172.00	11.465			
17,400.00	7,255.49	6,857.00	6,825.01	295.17	29.56	-65.86	-1,914.75	-7,258.83	2,058.27	1,890.51	167.76	12.269			
17,500.00	7,255.71	6,857.00	6,825.01	298.01	29.56	-65.86	-1,914.75	-7,258.83	2,145.73	1,981.92	163.81	13.099			
17,600.00	7,255.92	6,857.00	6,825.01	300.85	29.56	-65.86	-1,914.75	-7,258.83	2,234.24	2,074.12	160.12	13.953			
17,700.00	7,256.13	6,857.00	6,825.01	303.68	29.56	-65.86	-1,914.75	-7,258.83	2,323.69	2,167.01	156.68	14.831			
17,800.00	7,256.35	6,857.00	6,825.01	306.52	29.56	-65.86	-1,914.75	-7,258.83	2,413.96	2,260.49	153.47	15.729			
17,900.00	7,256.56	6,857.00	6,825.01	309.36	29.56	-65.86	-1,914.75	-7,258.83	2,504.97	2,354.50	150.47	16.648			
18,000.00	7,256.77	6,857.00	6,825.01	312.20	29.56	-65.86	-1,914.75	-7,258.83	2,596.64	2,448.98	147.66	17.585			
18,100.00	7,256.98	6,857.00	6,825.01	315.04	29.56	-65.86	-1,914.75	-7,258.83	2,688.91	2,543.88	145.03	18.540			
18,200.00	7,257.20	6,857.00	6,825.01	317.88	29.56	-65.86	-1,914.75	-7,258.83	2,781.71	2,639.14	142.57	19.511			
18,300.00	7,257.41	6,857.00	6,825.01	320.72	29.56	-65.86	-1,914.75	-7,258.83	2,874.99	2,734.73	140.26	20.497			
18,400.00	7,257.62	6,857.00	6,825.01	323.56	29.56	-65.86	-1,914.75	-7,258.83	2,968.72	2,830.62	138.09	21.498			
18,500.00	7,257.84	6,857.00	6,825.01	326.40	29.56	-65.86	-1,914.75	-7,258.83	3,062.83	2,926.78	136.06	22.511			
18,600.00	7,258.05	6,857.00	6,825.01	329.24	29.56	-65.86	-1,914.75	-7,258.83	3,157.31	3,023.17	134.14	23.537			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Harvesters Resources #15M-423(PR) - OH - OH		Offset Site Error:		0.00 ft	
Survey Program: 146-MWD													Offset Well Error:		3.28 ft			
Reference		Offset		Semi Major Axis			Distance							Warning				
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)							
18,700.00	7,258.26	6,857.00	6,825.01	332.08	29.56	-65.86	-1,914.75	-7,258.83	3,252.12	3,119.79	132.34	24.575						
18,800.00	7,258.48	6,857.00	6,825.01	334.92	29.56	-65.86	-1,914.75	-7,258.83	3,347.24	3,216.60	130.63	25.623						
18,900.00	7,258.69	6,857.00	6,825.01	337.76	29.56	-65.86	-1,914.75	-7,258.83	3,442.63	3,313.60	129.03	26.681						
19,000.00	7,258.90	6,857.00	6,825.01	340.60	29.56	-65.86	-1,914.75	-7,258.83	3,538.27	3,410.76	127.51	27.749						
19,046.19	7,259.00	6,857.00	6,825.01	341.92	29.56	-65.86	-1,914.75	-7,258.83	3,582.52	3,455.69	126.84	28.245						

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		Falken 9-11 PAD - Harvesters Resources #15R-243(PR) - OH - OH											Offset Site Error:		0.00 ft
Survey Program: 146-MWD													Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
0.00	0.00	233.09	233.01	3.28	3.36	-106.48	-2,093.82	-7,079.33	7,386.47						
100.00	100.00	319.24	319.11	3.28	3.46	-106.48	-2,093.25	-7,076.62	7,383.27	7,376.53	6.74	1,094.781			
200.00	200.00	368.51	368.37	3.34	3.53	-106.48	-2,093.13	-7,075.20	7,380.48	7,373.62	6.87	1,074.833			
300.00	300.00	422.00	421.84	3.44	3.62	-106.47	-2,092.09	-7,074.42	7,378.46	7,371.40	7.06	1,044.431			
364.18	364.17	441.98	441.81	3.54	3.66	128.54	-2,091.55	-7,074.30	7,377.98	7,370.79	7.19	1,025.610			
400.00	399.98	458.71	458.53	3.60	3.69	128.54	-2,091.17	-7,074.23	7,378.24	7,370.96	7.29	1,012.721			
500.00	499.84	513.00	512.82	3.79	3.81	128.52	-2,090.31	-7,074.20	7,380.95	7,373.35	7.59	972.310			
600.00	599.45	604.20	604.01	4.03	4.02	128.49	-2,089.69	-7,074.24	7,386.23	7,378.19	8.04	918.705			
700.00	698.70	769.11	768.91	4.30	4.47	128.52	-2,088.10	-7,073.22	7,392.84	7,384.07	8.77	843.294			
800.00	797.47	868.46	868.25	4.61	4.78	128.48	-2,086.80	-7,072.48	7,401.57	7,392.19	9.38	789.082			
900.00	895.62	940.90	940.68	4.95	5.02	128.40	-2,086.16	-7,071.97	7,412.64	7,402.69	9.95	744.666			
1,000.00	993.06	1,000.00	1,049.58	5.33	5.22	128.34	-2,084.78	-7,071.42	7,425.99	7,415.47	10.52	705.744			
1,100.00	1,090.08	1,143.52	1,143.28	5.74	5.72	128.49	-2,083.13	-7,070.91	7,440.29	7,428.88	11.42	651.665			
1,200.00	1,187.11	1,200.51	1,200.26	6.17	5.92	128.58	-2,082.10	-7,070.84	7,455.04	7,443.01	12.03	619.634			
1,300.00	1,284.14	2,063.26	2,060.37	6.61	9.37	130.02	-2,045.74	-7,032.72	7,465.51	7,449.67	15.84	471.436			
1,400.00	1,381.17	2,107.00	2,103.80	7.07	9.56	130.10	-2,041.83	-7,029.22	7,471.09	7,454.62	16.46	453.773			
1,500.00	1,478.20	2,333.70	2,328.71	7.55	10.58	130.53	-2,022.20	-7,008.77	7,475.50	7,457.63	17.87	418.312			
1,600.00	1,575.23	2,393.00	2,387.57	8.03	10.85	130.63	-2,017.86	-7,003.06	7,480.14	7,461.55	18.59	402.416			
1,700.00	1,672.26	2,459.09	2,453.22	8.52	11.15	130.75	-2,013.21	-6,996.96	7,485.31	7,465.97	19.34	387.002			
1,800.00	1,769.29	2,599.48	2,592.63	9.01	11.79	131.00	-2,002.62	-6,984.17	7,490.61	7,470.20	20.42	366.856			
1,900.00	1,866.32	2,778.38	2,769.99	9.51	12.63	131.33	-1,987.58	-6,966.37	7,494.86	7,473.19	21.67	345.856			
2,000.00	1,963.35	2,893.78	2,884.41	10.02	13.18	131.52	-1,979.89	-6,953.44	7,498.45	7,475.80	22.65	330.999			
2,100.00	2,060.38	2,944.17	2,934.41	10.53	13.42	131.60	-1,976.90	-6,947.90	7,502.51	7,479.14	23.37	321.095			
2,200.00	2,157.41	2,963.00	2,953.10	11.04	13.50	131.64	-1,975.77	-6,945.92	7,507.37	7,483.42	23.94	313.530			
2,300.00	2,254.44	3,019.12	3,008.85	11.56	13.77	131.73	-1,972.38	-6,940.47	7,512.92	7,488.24	24.68	304.353			
2,400.00	2,351.47	3,200.03	3,188.64	12.07	14.62	132.03	-1,960.80	-6,924.16	7,519.32	7,493.35	25.97	289.574			
2,500.00	2,448.50	3,246.00	3,234.26	12.59	14.84	132.11	-1,957.52	-6,919.54	7,524.51	7,497.84	26.67	282.125			
2,600.00	2,545.53	3,305.84	3,293.69	13.12	15.12	132.22	-1,953.36	-6,913.86	7,530.27	7,502.84	27.44	274.470			
2,700.00	2,642.56	3,341.00	3,328.65	13.64	15.29	132.28	-1,951.11	-6,910.91	7,537.06	7,508.97	28.09	268.289			
2,800.00	2,739.59	3,508.78	3,495.49	14.17	16.08	132.56	-1,940.46	-6,896.75	7,543.94	7,514.61	29.33	257.188			
2,900.00	2,836.62	3,598.26	3,584.42	14.69	16.50	132.71	-1,934.55	-6,888.74	7,550.31	7,520.08	30.23	249.745			
3,000.00	2,933.65	4,023.73	4,006.30	15.22	18.58	133.43	-1,904.54	-6,843.01	7,555.47	7,522.88	32.59	231.807			
3,100.00	3,030.68	4,074.05	4,056.05	15.75	18.83	133.52	-1,900.23	-6,836.80	7,558.25	7,524.92	33.34	226.723			
3,200.00	3,127.71	4,102.00	4,083.69	16.28	18.98	133.57	-1,897.71	-6,833.47	7,561.68	7,527.70	33.98	222.524			
3,300.00	3,224.74	4,161.76	4,142.81	16.82	19.27	133.68	-1,892.25	-6,826.77	7,565.76	7,530.99	34.77	217.625			
3,400.00	3,321.76	4,197.00	4,177.73	17.35	19.45	133.75	-1,889.06	-6,823.15	7,570.73	7,535.29	35.44	213.626			
3,500.00	3,418.79	4,233.40	4,213.82	17.88	19.63	133.81	-1,885.85	-6,819.70	7,576.56	7,540.45	36.12	209.786			
3,600.00	3,515.82	4,292.00	4,272.01	18.42	19.92	133.92	-1,880.96	-6,814.78	7,583.41	7,546.52	36.89	205.566			
3,700.00	3,612.85	4,307.02	4,286.94	18.95	19.99	133.95	-1,879.74	-6,813.64	7,590.88	7,553.41	37.47	202.611			
3,800.00	3,709.88	4,369.73	4,349.26	19.49	20.29	134.06	-1,874.54	-6,809.06	7,599.09	7,560.84	38.26	198.641			
3,900.00	3,806.91	4,447.54	4,426.61	20.02	20.66	134.20	-1,867.92	-6,803.70	7,607.75	7,568.63	39.11	194.499			
4,000.00	3,903.94	4,599.16	4,577.27	20.56	21.39	134.48	-1,854.92	-6,792.81	7,616.16	7,575.84	40.32	188.913			
4,100.00	4,000.97	4,649.50	4,627.29	21.09	21.63	134.58	-1,850.58	-6,789.19	7,624.66	7,583.61	41.05	185.740			
4,200.00	4,098.00	4,200.00	4,732.51	21.63	19.48	134.77	-1,841.89	-6,781.76	7,633.46	7,593.94	39.52	193.136			
4,300.00	4,195.03	4,817.92	4,794.75	22.17	22.43	134.88	-1,837.09	-6,777.28	7,642.37	7,599.55	42.83	178.441			
4,400.00	4,292.06	4,862.00	4,836.62	22.71	22.64	134.95	-1,833.87	-6,774.45	7,652.05	7,608.52	43.53	175.792			
4,500.00	4,389.09	4,970.79	4,946.96	23.25	23.15	135.14	-1,826.84	-6,767.51	7,661.98	7,617.45	44.53	172.076			
4,600.00	4,486.12	5,030.20	5,006.18	23.78	23.42	135.23	-1,824.11	-6,763.67	7,672.19	7,626.90	45.29	169.399			
4,700.00	4,583.15	5,053.00	5,028.92	24.32	23.53	135.26	-1,823.36	-6,762.22	7,683.09	7,637.20	45.88	167.451			
4,800.00	4,680.18	5,090.61	5,066.46	24.86	23.69	135.31	-1,822.23	-6,760.14	7,694.82	7,648.28	46.54	165.348			
4,900.00	4,777.21	5,113.77	5,089.58	25.40	23.79	135.35	-1,821.53	-6,759.16	7,707.60	7,660.48	47.12	163.575			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		Falken 9-11 PAD - Harvesters Resources #15R-243(PR) - OH - OH											Offset Site Error:		0.00 ft
Survey Program: 146-MWD													Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
5,000.00	4,874.24	5,148.00	5,123.78	25.94	23.94	135.40	-1,820.48	-6,758.13	7,721.39	7,673.64	47.75	161.705			
5,100.00	4,971.27	5,181.47	5,157.23	26.48	24.09	135.45	-1,819.44	-6,757.40	7,736.03	7,687.66	48.37	159.928			
5,200.00	5,068.30	5,242.00	5,217.72	27.02	24.35	135.54	-1,817.50	-6,756.27	7,751.21	7,702.09	49.12	157.797			
5,300.00	5,165.33	5,242.00	5,217.72	27.56	24.35	135.54	-1,817.50	-6,756.27	7,767.30	7,717.73	49.57	156.690			
5,400.00	5,262.36	5,292.99	5,268.69	28.10	24.55	135.61	-1,816.44	-6,755.83	7,783.99	7,733.73	50.25	154.895			
5,500.00	5,359.39	5,337.00	5,312.70	28.64	24.72	135.66	-1,816.51	-6,756.09	7,801.88	7,750.98	50.90	153.279			
5,600.00	5,456.42	5,365.48	5,341.18	29.18	24.82	135.70	-1,816.84	-6,756.45	7,820.48	7,769.02	51.46	151.969			
5,700.00	5,553.45	5,494.38	5,470.06	29.72	25.29	135.85	-1,818.10	-6,757.74	7,839.20	7,786.72	52.48	149.369			
5,800.00	5,650.47	5,589.54	5,565.21	30.27	25.65	135.97	-1,818.83	-6,758.50	7,857.73	7,804.38	53.35	147.285			
5,900.00	5,747.50	5,665.66	5,641.33	30.81	25.93	136.06	-1,819.48	-6,759.22	7,876.45	7,822.32	54.13	145.506			
6,000.00	5,844.53	5,736.60	5,712.26	31.35	26.19	136.14	-1,820.23	-6,760.11	7,895.51	7,840.63	54.89	143.848			
6,100.00	5,941.56	5,813.00	5,788.65	31.89	26.48	136.23	-1,820.84	-6,761.36	7,914.93	7,859.26	55.67	142.175			
6,200.00	6,038.59	5,897.87	5,873.51	32.43	26.79	136.33	-1,821.48	-6,762.92	7,934.57	7,878.08	56.49	140.450			
6,300.00	6,135.62	5,988.34	5,963.96	32.97	27.13	136.44	-1,822.28	-6,764.63	7,954.32	7,896.98	57.34	138.711			
6,400.00	6,232.65	6,064.77	6,040.36	33.51	27.42	136.53	-1,822.82	-6,766.21	7,974.25	7,916.12	58.13	137.183			
6,500.00	6,329.68	6,229.61	6,205.17	34.06	28.05	136.73	-1,824.24	-6,769.07	7,993.89	7,934.55	59.34	134.709			
6,600.00	6,426.71	6,297.74	6,273.29	34.60	28.31	136.81	-1,824.64	-6,770.12	8,013.37	7,953.28	60.09	133.359			
6,655.36	6,480.43	6,331.79	6,307.34	34.90	28.44	136.85	-1,824.81	-6,770.75	8,024.32	7,963.83	60.48	132.668			
6,700.00	6,524.01	6,352.00	6,327.54	35.13	28.52	124.76	-1,825.10	-6,771.15	8,031.74	7,970.98	60.76	132.189			
6,750.00	6,573.29	6,367.02	6,342.55	35.36	28.57	102.31	-1,825.52	-6,771.48	8,036.58	7,975.57	61.01	131.721			
6,800.00	6,622.76	6,384.00	6,359.51	35.56	28.64	71.98	-1,826.29	-6,771.90	8,037.76	7,976.51	61.25	131.230			
6,850.00	6,672.13	6,384.00	6,359.51	35.73	28.64	46.56	-1,826.29	-6,771.90	8,035.29	7,973.92	61.37	130.925			
6,900.00	6,721.08	6,400.09	6,375.55	35.88	28.69	31.03	-1,827.33	-6,772.38	8,029.16	7,967.61	61.55	130.454			
6,950.00	6,769.31	6,415.00	6,390.40	36.03	28.75	21.83	-1,828.58	-6,772.92	8,019.46	7,957.76	61.70	129.985			
7,000.00	6,816.53	6,415.00	6,390.40	36.18	28.75	15.99	-1,828.58	-6,772.92	8,006.18	7,944.43	61.75	129.653			
7,050.00	6,862.44	6,606.00	6,578.13	36.34	29.38	11.87	-1,862.12	-6,777.54	7,989.43	7,926.74	62.68	127.454			
7,100.00	6,906.77	6,646.81	6,617.29	36.50	29.50	8.84	-1,873.58	-6,777.51	7,968.19	7,905.29	62.90	126.687			
7,150.00	6,949.23	6,695.82	6,663.71	36.68	29.64	6.41	-1,889.28	-6,777.19	7,943.49	7,880.36	63.13	125.826			
7,200.00	6,989.58	6,720.81	6,687.04	36.87	29.71	4.40	-1,898.23	-6,776.90	7,915.52	7,852.27	63.25	125.151			
7,250.00	7,027.55	6,732.00	6,697.37	37.09	29.75	2.64	-1,902.54	-6,776.74	7,884.53	7,821.23	63.30	124.567			
7,300.00	7,062.91	6,753.42	6,716.89	37.32	29.80	0.94	-1,911.34	-6,776.42	7,850.69	7,787.31	63.38	123.870			
7,350.00	7,095.45	6,764.00	6,726.41	37.59	29.83	-0.73	-1,915.96	-6,776.25	7,814.23	7,750.82	63.41	123.235			
7,400.00	7,124.97	6,764.00	6,726.41	37.88	29.83	-2.45	-1,915.96	-6,776.25	7,775.35	7,711.96	63.39	122.660			
7,450.00	7,151.28	6,781.49	6,741.97	38.21	29.87	-4.51	-1,923.95	-6,775.98	7,734.23	7,670.78	63.44	121.908			
7,500.00	7,174.22	6,796.00	6,754.70	38.58	29.91	-6.98	-1,930.90	-6,775.78	7,691.16	7,627.67	63.48	121.151			
7,550.00	7,193.65	6,796.00	6,754.70	38.98	29.91	-10.00	-1,930.90	-6,775.78	7,646.33	7,582.87	63.46	120.485			
7,600.00	7,209.45	6,796.00	6,754.70	39.43	29.91	-14.13	-1,930.90	-6,775.78	7,600.03	7,536.59	63.44	119.791			
7,650.00	7,221.52	6,796.00	6,754.70	39.91	29.91	-20.24	-1,930.90	-6,775.78	7,552.53	7,489.10	63.43	119.068			
7,700.00	7,229.79	6,796.00	6,754.70	40.42	29.91	-30.06	-1,930.90	-6,775.78	7,504.09	7,440.67	63.42	118.316			
7,750.00	7,234.21	6,796.00	6,754.70	40.97	29.91	-47.06	-1,930.90	-6,775.78	7,455.00	7,391.57	63.43	117.538			
7,780.56	7,235.00	6,796.00	6,754.70	41.32	29.91	-62.87	-1,930.90	-6,775.78	7,424.80	7,361.37	63.43	117.050			
7,800.00	7,235.04	6,796.00	6,754.70	41.54	29.91	-62.87	-1,930.90	-6,775.78	7,405.56	7,342.12	63.44	116.737			
7,900.00	7,235.26	6,796.00	6,754.70	42.82	29.91	-62.87	-1,930.90	-6,775.78	7,306.62	7,243.15	63.47	115.123			
8,000.00	7,235.47	6,796.00	6,754.70	44.25	29.91	-62.87	-1,930.90	-6,775.78	7,207.70	7,144.20	63.50	113.499			
8,100.00	7,235.68	6,796.00	6,754.70	45.82	29.91	-62.87	-1,930.90	-6,775.78	7,108.82	7,045.27	63.55	111.865			
8,200.00	7,235.90	6,796.00	6,754.70	47.52	29.91	-62.87	-1,930.90	-6,775.78	7,009.96	6,946.36	63.60	110.219			
8,300.00	7,236.11	6,796.00	6,754.70	49.34	29.91	-62.87	-1,930.90	-6,775.78	6,911.14	6,847.48	63.66	108.563			
8,400.00	7,236.32	6,796.00	6,754.70	51.25	29.91	-62.87	-1,930.90	-6,775.78	6,812.35	6,748.62	63.73	106.895			
8,500.00	7,236.54	6,796.00	6,754.70	53.26	29.91	-62.87	-1,930.90	-6,775.78	6,713.60	6,649.80	63.81	105.216			
8,600.00	7,236.75	6,796.00	6,754.70	55.34	29.91	-62.87	-1,930.90	-6,775.78	6,614.89	6,550.99	63.90	103.526			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,236.96	6,796.00	6,754.70	57.50	29.91	-62.87	-1,930.90	-6,775.78	6,516.22	6,452.22	64.00	101.824		
8,800.00	7,237.17	6,796.00	6,754.70	59.71	29.91	-62.87	-1,930.90	-6,775.78	6,417.58	6,353.48	64.11	100.109		
8,900.00	7,237.39	6,796.00	6,754.70	61.98	29.91	-62.87	-1,930.90	-6,775.78	6,318.99	6,254.76	64.23	98.383		
9,000.00	7,237.60	6,796.00	6,754.70	64.29	29.91	-62.87	-1,930.90	-6,775.78	6,220.45	6,156.08	64.36	96.645		
9,100.00	7,237.81	6,796.00	6,754.70	66.65	29.91	-62.87	-1,930.90	-6,775.78	6,121.95	6,057.44	64.51	94.894		
9,200.00	7,238.03	6,796.00	6,754.70	69.05	29.91	-62.87	-1,930.90	-6,775.78	6,023.50	5,958.82	64.68	93.131		
9,300.00	7,238.24	6,796.00	6,754.70	71.48	29.91	-62.87	-1,930.90	-6,775.78	5,925.11	5,860.25	64.86	91.356		
9,400.00	7,238.45	6,796.00	6,754.70	73.95	29.91	-62.87	-1,930.90	-6,775.78	5,826.76	5,761.71	65.05	89.568		
9,500.00	7,238.67	6,796.00	6,754.70	76.44	29.91	-62.87	-1,930.90	-6,775.78	5,728.48	5,663.21	65.27	87.767		
9,600.00	7,238.88	6,796.00	6,754.70	78.96	29.91	-62.87	-1,930.90	-6,775.78	5,630.26	5,564.75	65.50	85.955		
9,700.00	7,239.09	6,796.00	6,754.70	81.50	29.91	-62.87	-1,930.90	-6,775.78	5,532.10	5,466.34	65.76	84.130		
9,800.00	7,239.30	6,796.00	6,754.70	84.06	29.91	-62.87	-1,930.90	-6,775.78	5,434.00	5,367.97	66.03	82.292		
9,900.00	7,239.52	6,796.00	6,754.70	86.64	29.91	-62.87	-1,930.90	-6,775.78	5,335.98	5,269.65	66.33	80.443		
10,000.00	7,239.73	6,796.00	6,754.70	89.23	29.91	-62.87	-1,930.90	-6,775.78	5,238.03	5,171.38	66.66	78.582		
10,100.00	7,239.94	6,796.00	6,754.70	91.85	29.91	-62.87	-1,930.90	-6,775.78	5,140.16	5,073.16	67.01	76.709		
10,200.00	7,240.16	6,796.00	6,754.70	94.47	29.91	-62.87	-1,930.90	-6,775.78	5,042.38	4,974.99	67.39	74.826		
10,300.00	7,240.37	6,796.00	6,754.70	97.11	29.91	-62.87	-1,930.90	-6,775.78	4,944.68	4,876.89	67.80	72.932		
10,400.00	7,240.58	6,796.00	6,754.70	99.76	29.91	-62.87	-1,930.90	-6,775.78	4,847.08	4,778.84	68.24	71.028		
10,500.00	7,240.80	6,796.00	6,754.70	102.43	29.91	-62.87	-1,930.90	-6,775.78	4,749.58	4,680.86	68.72	69.115		
10,600.00	7,241.01	6,796.00	6,754.70	105.10	29.91	-62.87	-1,930.90	-6,775.78	4,652.18	4,582.95	69.24	67.193		
10,700.00	7,241.22	6,796.00	6,754.70	107.79	29.91	-62.87	-1,930.90	-6,775.78	4,554.90	4,485.11	69.79	65.263		
10,800.00	7,241.43	6,796.00	6,754.70	110.48	29.91	-62.87	-1,930.90	-6,775.78	4,457.74	4,387.34	70.39	63.327		
10,900.00	7,241.65	6,796.00	6,754.70	113.18	29.91	-62.87	-1,930.90	-6,775.78	4,360.70	4,289.66	71.04	61.385		
11,000.00	7,241.86	6,796.00	6,754.70	115.89	29.91	-62.87	-1,930.90	-6,775.78	4,263.80	4,192.07	71.73	59.439		
11,100.00	7,242.07	6,796.00	6,754.70	118.60	29.91	-62.87	-1,930.90	-6,775.78	4,167.05	4,094.57	72.48	57.490		
11,200.00	7,242.29	6,796.00	6,754.70	121.32	29.91	-62.87	-1,930.90	-6,775.78	4,070.46	3,997.17	73.29	55.540		
11,300.00	7,242.50	6,796.00	6,754.70	124.05	29.91	-62.87	-1,930.90	-6,775.78	3,974.03	3,899.87	74.16	53.589		
11,400.00	7,242.71	6,796.00	6,754.70	126.78	29.91	-62.87	-1,930.90	-6,775.78	3,877.79	3,802.69	75.09	51.641		
11,500.00	7,242.93	6,796.00	6,754.70	129.52	29.91	-62.87	-1,930.90	-6,775.78	3,781.74	3,705.64	76.10	49.696		
11,600.00	7,243.14	6,796.00	6,754.70	132.27	29.91	-62.87	-1,930.90	-6,775.78	3,685.90	3,608.72	77.18	47.758		
11,700.00	7,243.35	6,796.00	6,754.70	135.02	29.91	-62.87	-1,930.90	-6,775.78	3,590.28	3,511.94	78.34	45.827		
11,800.00	7,243.57	6,796.00	6,754.70	137.77	29.91	-62.87	-1,930.90	-6,775.78	3,494.92	3,415.32	79.60	43.907		
11,900.00	7,243.78	6,796.00	6,754.70	140.53	29.91	-62.87	-1,930.90	-6,775.78	3,399.81	3,318.87	80.95	42.000		
12,000.00	7,243.99	6,796.00	6,754.70	143.29	29.91	-62.87	-1,930.90	-6,775.78	3,305.00	3,222.60	82.40	40.109		
12,100.00	7,244.20	6,796.00	6,754.70	146.05	29.91	-62.87	-1,930.90	-6,775.78	3,210.50	3,126.54	83.97	38.235		
12,200.00	7,244.42	6,796.00	6,754.70	148.82	29.91	-62.87	-1,930.90	-6,775.78	3,116.35	3,030.70	85.65	36.383		
12,300.00	7,244.63	6,796.00	6,754.70	151.60	29.91	-62.87	-1,930.90	-6,775.78	3,022.57	2,935.10	87.47	34.554		
12,400.00	7,244.84	6,796.00	6,754.70	154.37	29.91	-62.87	-1,930.90	-6,775.78	2,929.21	2,839.77	89.44	32.752		
12,500.00	7,245.06	6,796.00	6,754.70	157.15	29.91	-62.87	-1,930.90	-6,775.78	2,836.29	2,744.74	91.55	30.980		
12,600.00	7,245.27	6,796.00	6,754.70	159.93	29.91	-62.87	-1,930.90	-6,775.78	2,743.87	2,650.04	93.84	29.241		
12,700.00	7,245.48	6,796.00	6,754.70	162.71	29.91	-62.87	-1,930.90	-6,775.78	2,652.01	2,555.71	96.30	27.538		
12,800.00	7,245.70	6,796.00	6,754.70	165.50	29.91	-62.87	-1,930.90	-6,775.78	2,560.75	2,461.78	98.97	25.874		
12,900.00	7,245.91	6,796.00	6,754.70	168.29	29.91	-62.87	-1,930.90	-6,775.78	2,470.17	2,368.32	101.85	24.253		
13,000.00	7,246.12	6,796.00	6,754.70	171.08	29.91	-62.87	-1,930.90	-6,775.78	2,380.35	2,275.38	104.97	22.676		
13,100.00	7,246.33	6,796.00	6,754.70	173.87	29.91	-62.87	-1,930.90	-6,775.78	2,291.37	2,183.02	108.35	21.149		
13,200.00	7,246.55	6,796.00	6,754.70	176.67	29.91	-62.87	-1,930.90	-6,775.78	2,203.33	2,091.33	112.00	19.673		
13,300.00	7,246.76	6,796.00	6,754.70	179.47	29.91	-62.87	-1,930.90	-6,775.78	2,116.36	2,000.40	115.96	18.251		
13,400.00	7,246.97	6,796.00	6,754.70	182.27	29.91	-62.87	-1,930.90	-6,775.78	2,030.58	1,910.34	120.25	16.887		
13,500.00	7,247.19	6,796.00	6,754.70	185.07	29.91	-62.87	-1,930.90	-6,775.78	1,946.17	1,821.27	124.89	15.583		
13,600.00	7,247.40	6,786.73	6,746.58	187.87	29.89	-62.37	-1,926.42	-6,775.91	1,863.23	1,733.77	129.46	14.393		
13,700.00	7,247.61	6,786.37	6,746.27	190.68	29.89	-62.35	-1,926.25	-6,775.91	1,782.11	1,647.26	134.85	13.215		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 146-MWD														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,800.00	7,247.83	6,786.01	6,745.95	193.48	29.89	-62.33	-1,926.08	-6,775.92	1,703.00	1,562.32	140.68	12.106			
13,900.00	7,248.04	6,785.65	6,745.64	196.29	29.89	-62.31	-1,925.91	-6,775.92	1,626.18	1,479.23	146.96	11.066			
14,000.00	7,248.25	6,785.29	6,745.32	199.10	29.88	-62.29	-1,925.74	-6,775.93	1,552.02	1,398.32	153.70	10.098			
14,100.00	7,248.46	6,784.93	6,745.00	201.91	29.88	-62.27	-1,925.56	-6,775.93	1,480.89	1,320.00	160.90	9.204			
14,200.00	7,248.68	6,784.56	6,744.67	204.72	29.88	-62.25	-1,925.39	-6,775.94	1,413.27	1,244.73	168.53	8.386			
14,300.00	7,248.89	6,784.19	6,744.35	207.53	29.88	-62.23	-1,925.22	-6,775.95	1,349.67	1,173.11	176.56	7.644			
14,400.00	7,249.10	6,783.82	6,744.02	210.35	29.88	-62.21	-1,925.04	-6,775.95	1,290.69	1,105.81	184.88	6.981			
14,500.00	7,249.32	6,783.45	6,743.69	213.16	29.88	-62.19	-1,924.86	-6,775.96	1,237.00	1,043.64	193.36	6.397			
14,600.00	7,249.53	6,783.07	6,743.36	215.98	29.88	-62.17	-1,924.69	-6,775.96	1,189.30	987.49	201.81	5.893			
14,700.00	7,249.74	6,782.69	6,743.03	218.80	29.88	-62.15	-1,924.51	-6,775.97	1,148.35	938.37	209.98	5.469			
14,800.00	7,249.96	6,782.31	6,742.69	221.62	29.88	-62.13	-1,924.33	-6,775.97	1,114.89	897.32	217.57	5.124			
14,900.00	7,250.17	6,781.93	6,742.35	224.44	29.88	-62.11	-1,924.15	-6,775.98	1,089.62	865.37	224.25	4.859			
15,000.00	7,250.38	6,781.54	6,742.01	227.26	29.87	-62.09	-1,923.97	-6,775.98	1,073.10	843.41	229.69	4.672			
15,100.00	7,250.59	6,781.15	6,741.67	230.08	29.87	-62.07	-1,923.79	-6,775.99	1,065.74	832.12	233.62	4.562			
15,128.64	7,250.66	6,781.04	6,741.57	230.89	29.87	-62.06	-1,923.73	-6,775.99	1,065.36	830.92	234.44	4.544	CC, ES		
15,200.00	7,250.81	6,780.76	6,741.32	232.90	29.87	-62.05	-1,923.60	-6,776.00	1,067.75	831.87	235.87	4.527	SF		
15,300.00	7,251.02	6,780.37	6,740.97	235.72	29.87	-62.03	-1,923.42	-6,776.00	1,079.05	842.65	236.40	4.564			
15,400.00	7,251.23	6,779.97	6,740.62	238.55	29.87	-62.01	-1,923.23	-6,776.01	1,099.37	864.08	235.30	4.672			
15,500.00	7,251.45	6,779.57	6,740.27	241.37	29.87	-61.99	-1,923.05	-6,776.01	1,128.23	895.48	232.74	4.848			
15,600.00	7,251.66	6,779.17	6,739.91	244.20	29.87	-61.96	-1,922.86	-6,776.02	1,164.97	935.97	229.01	5.087			
15,700.00	7,251.87	6,778.76	6,739.56	247.03	29.87	-61.94	-1,922.67	-6,776.02	1,208.90	984.52	224.38	5.388			
15,800.00	7,252.09	6,778.36	6,739.20	249.85	29.87	-61.92	-1,922.48	-6,776.03	1,259.25	1,040.10	219.14	5.746			
15,900.00	7,252.30	6,777.95	6,738.83	252.68	29.87	-61.90	-1,922.29	-6,776.04	1,315.28	1,101.74	213.54	6.159			
16,000.00	7,252.51	6,777.53	6,738.47	255.51	29.87	-61.88	-1,922.10	-6,776.04	1,376.31	1,168.54	207.77	6.624			
16,100.00	7,252.72	6,777.12	6,738.10	258.34	29.86	-61.85	-1,921.91	-6,776.05	1,441.70	1,239.70	202.00	7.137			
16,200.00	7,252.94	6,776.70	6,737.73	261.17	29.86	-61.83	-1,921.71	-6,776.06	1,510.88	1,314.55	196.33	7.696			
16,300.00	7,253.15	6,776.28	6,737.36	264.00	29.86	-61.81	-1,921.52	-6,776.06	1,583.36	1,392.52	190.84	8.297			
16,400.00	7,253.36	6,775.86	6,736.98	266.83	29.86	-61.79	-1,921.32	-6,776.07	1,658.70	1,473.12	185.58	8.938			
16,500.00	7,253.58	6,775.43	6,736.60	269.66	29.86	-61.76	-1,921.13	-6,776.08	1,736.53	1,555.95	180.58	9.616			
16,600.00	7,253.79	6,775.00	6,736.22	272.50	29.86	-61.74	-1,920.93	-6,776.08	1,816.54	1,640.69	175.85	10.330			
16,700.00	7,254.00	6,774.57	6,735.84	275.33	29.86	-61.72	-1,920.73	-6,776.09	1,898.44	1,727.04	171.40	11.076			
16,800.00	7,254.22	6,774.13	6,735.45	278.16	29.86	-61.69	-1,920.53	-6,776.10	1,982.00	1,814.78	167.22	11.853			
16,900.00	7,254.43	6,773.69	6,735.06	281.00	29.86	-61.67	-1,920.33	-6,776.10	2,067.02	1,903.73	163.29	12.658			
17,000.00	7,254.64	6,773.25	6,734.67	283.83	29.85	-61.65	-1,920.13	-6,776.11	2,153.33	1,993.71	159.62	13.491			
17,100.00	7,254.85	6,772.81	6,734.27	286.67	29.85	-61.62	-1,919.92	-6,776.12	2,240.78	2,084.60	156.18	14.348			
17,200.00	7,255.07	6,772.36	6,733.87	289.50	29.85	-61.60	-1,919.72	-6,776.12	2,329.24	2,176.28	152.95	15.228			
17,300.00	7,255.28	6,764.00	6,726.41	292.34	29.83	-61.15	-1,915.96	-6,776.25	2,418.63	2,269.05	149.58	16.170			
17,400.00	7,255.49	6,764.00	6,726.41	295.17	29.83	-61.15	-1,915.96	-6,776.25	2,508.78	2,362.00	146.78	17.092			
17,500.00	7,255.71	6,764.00	6,726.41	298.01	29.83	-61.15	-1,915.96	-6,776.25	2,599.66	2,455.49	144.17	18.033			
17,600.00	7,255.92	6,764.00	6,726.41	300.85	29.83	-61.15	-1,915.96	-6,776.25	2,691.18	2,549.47	141.71	18.991			
17,700.00	7,256.13	6,764.00	6,726.41	303.68	29.83	-61.15	-1,915.96	-6,776.25	2,783.29	2,643.89	139.40	19.966			
17,800.00	7,256.35	6,764.00	6,726.41	306.52	29.83	-61.15	-1,915.96	-6,776.25	2,875.92	2,738.69	137.24	20.956			
17,900.00	7,256.56	6,764.00	6,726.41	309.36	29.83	-61.15	-1,915.96	-6,776.25	2,969.03	2,833.84	135.20	21.961			
18,000.00	7,256.77	6,764.00	6,726.41	312.20	29.83	-61.15	-1,915.96	-6,776.25	3,062.58	2,929.30	133.28	22.978			
18,100.00	7,256.98	6,764.00	6,726.41	315.04	29.83	-61.15	-1,915.96	-6,776.25	3,156.52	3,025.05	131.47	24.009			
18,200.00	7,257.20	6,764.00	6,726.41	317.88	29.83	-61.15	-1,915.96	-6,776.25	3,250.83	3,121.05	129.77	25.050			
18,300.00	7,257.41	6,764.00	6,726.41	320.72	29.83	-61.15	-1,915.96	-6,776.25	3,345.46	3,217.29	128.17	26.103			
18,400.00	7,257.62	6,764.00	6,726.41	323.56	29.83	-61.15	-1,915.96	-6,776.25	3,440.40	3,313.75	126.65	27.165			
18,500.00	7,257.84	6,764.00	6,726.41	326.40	29.83	-61.15	-1,915.96	-6,776.25	3,535.61	3,410.40	125.21	28.237			
18,600.00	7,258.05	6,764.00	6,726.41	329.24	29.83	-61.15	-1,915.96	-6,776.25	3,631.09	3,507.23	123.86	29.317			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Harvesters Resources #15R-243(PR) - OH - OH		Offset Site Error:		0.00 ft	
Survey Program: 146-MWD															Offset Well Error:		3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning				
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)							
18,700.00	7,258.26	6,764.00	6,726.41	332.08	29.83	-61.15	-1,915.96	-6,776.25	3,726.80	3,604.23	122.57	30.405						
18,800.00	7,258.48	6,764.00	6,726.41	334.92	29.83	-61.15	-1,915.96	-6,776.25	3,822.73	3,701.38	121.35	31.501						
18,900.00	7,258.69	6,764.00	6,726.41	337.76	29.83	-61.15	-1,915.96	-6,776.25	3,918.87	3,798.67	120.20	32.603						
19,000.00	7,258.90	6,764.00	6,726.41	340.60	29.83	-61.15	-1,915.96	-6,776.25	4,015.19	3,896.09	119.10	33.712						
19,046.19	7,259.00	6,764.00	6,726.41	341.92	29.83	-61.15	-1,915.96	-6,776.25	4,059.74	3,941.12	118.62	34.226						

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1200-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-110.42	-2,107.95	-5,662.84	6,042.45					
100.00	100.00	85.00	85.00	3.28	3.29	-110.42	-2,107.95	-5,662.84	6,042.45	6,035.88	6.57	919.703		
200.00	200.00	185.00	185.00	3.34	3.31	-110.42	-2,107.95	-5,662.84	6,042.45	6,035.81	6.64	909.725		
300.00	300.00	285.00	285.00	3.44	3.34	-110.42	-2,107.95	-5,662.84	6,042.45	6,035.67	6.78	890.693		
400.00	399.98	384.98	384.98	3.60	3.39	124.58	-2,107.95	-5,662.84	6,043.44	6,036.46	6.98	865.294		
500.00	499.84	484.84	484.84	3.79	3.45	124.57	-2,107.95	-5,662.84	6,046.42	6,039.18	7.24	835.314		
600.00	599.45	584.45	584.45	4.03	3.52	124.56	-2,107.95	-5,662.84	6,051.37	6,043.83	7.55	801.801		
700.00	698.70	683.70	683.70	4.30	3.61	124.54	-2,107.95	-5,662.84	6,058.32	6,050.42	7.91	766.373		
800.00	797.47	782.47	782.47	4.61	3.70	124.51	-2,107.95	-5,662.84	6,067.26	6,058.95	8.31	730.289		
900.00	895.62	880.62	880.62	4.95	3.81	124.48	-2,107.95	-5,662.84	6,078.20	6,069.45	8.75	694.455		
1,000.00	993.06	978.06	978.06	5.33	3.92	124.43	-2,107.95	-5,662.84	6,091.16	6,081.92	9.24	659.481		
1,100.00	1,090.08	1,075.08	1,075.08	5.74	4.04	124.62	-2,107.95	-5,662.84	6,105.15	6,095.39	9.75	626.012		
1,200.00	1,187.11	1,172.11	1,172.11	6.17	4.17	124.80	-2,107.95	-5,662.84	6,119.20	6,108.91	10.29	594.462		
1,300.00	1,284.14	1,269.14	1,269.14	6.61	4.30	124.98	-2,107.95	-5,662.84	6,133.32	6,122.46	10.86	564.889		
1,400.00	1,381.17	1,271.34	1,271.34	7.07	4.41	124.99	-2,107.47	-5,663.59	6,148.78	6,137.39	11.40	539.469		
1,500.00	1,478.20	1,300.00	1,299.98	7.55	4.49	125.05	-2,107.01	-5,664.31	6,164.99	6,153.06	11.93	516.865		
1,600.00	1,575.23	1,353.43	1,353.36	8.03	4.65	125.17	-2,105.73	-5,666.30	6,182.08	6,169.53	12.54	492.881		
1,700.00	1,672.26	1,400.00	1,399.84	8.52	4.80	125.27	-2,104.18	-5,668.71	6,200.14	6,186.99	13.15	471.632		
1,800.00	1,769.29	1,434.10	1,433.84	9.01	4.91	125.36	-2,102.78	-5,670.88	6,219.12	6,205.41	13.72	453.393		
1,900.00	1,866.32	1,473.88	1,473.46	9.51	5.04	125.45	-2,100.88	-5,673.85	6,239.06	6,224.74	14.31	435.960		
2,000.00	1,963.35	1,500.00	1,499.45	10.02	5.13	125.52	-2,099.47	-5,676.04	6,259.96	6,245.10	14.86	421.243		
2,100.00	2,060.38	1,552.26	1,551.37	10.53	5.32	125.66	-2,096.26	-5,681.04	6,281.73	6,266.22	15.51	405.035		
2,200.00	2,157.41	1,611.64	1,610.25	11.04	5.53	125.82	-2,092.11	-5,687.50	6,304.41	6,288.22	16.19	389.363		
2,300.00	2,254.44	1,704.67	1,702.48	11.56	5.89	126.08	-2,085.53	-5,697.74	6,327.38	6,310.37	17.02	371.832		
2,400.00	2,351.47	1,802.30	1,794.71	12.07	6.29	126.33	-2,078.94	-5,707.99	6,350.48	6,332.61	17.88	355.247		
2,500.00	2,448.50	1,909.27	1,886.94	12.59	6.73	126.58	-2,072.36	-5,718.24	6,373.71	6,354.92	18.79	339.253		
2,600.00	2,545.53	1,983.76	1,979.17	13.12	7.06	126.83	-2,065.77	-5,728.49	6,397.06	6,377.48	19.58	326.756		
2,700.00	2,642.56	2,076.78	2,071.39	13.64	7.46	127.08	-2,059.19	-5,738.74	6,420.53	6,400.08	20.45	313.940		
2,800.00	2,739.59	2,169.81	2,163.62	14.17	7.88	127.33	-2,052.60	-5,748.99	6,444.13	6,422.80	21.33	302.075		
2,900.00	2,836.62	2,262.84	2,255.85	14.69	8.30	127.57	-2,046.02	-5,759.23	6,467.85	6,445.63	22.22	291.074		
3,000.00	2,933.65	2,355.87	2,348.08	15.22	8.73	127.81	-2,039.43	-5,769.48	6,491.70	6,468.58	23.11	280.859		
3,100.00	3,030.68	2,448.90	2,440.31	15.75	9.17	128.06	-2,032.85	-5,779.73	6,515.66	6,491.64	24.01	271.359		
3,200.00	3,127.71	2,541.93	2,532.53	16.28	9.60	128.30	-2,026.26	-5,789.98	6,539.73	6,514.82	24.91	262.508		
3,300.00	3,224.74	2,634.96	2,624.76	16.82	10.05	128.53	-2,019.68	-5,800.23	6,563.93	6,538.11	25.82	254.247		
3,400.00	3,321.76	2,727.99	2,716.99	17.35	10.49	128.77	-2,013.09	-5,810.47	6,588.24	6,561.52	26.72	246.526		
3,500.00	3,418.79	2,821.02	2,809.22	17.88	10.94	129.01	-2,006.51	-5,820.72	6,612.67	6,585.03	27.63	239.295		
3,600.00	3,515.82	2,914.04	2,901.45	18.42	11.39	129.24	-1,999.92	-5,830.97	6,637.20	6,608.66	28.55	232.514		
3,700.00	3,612.85	3,007.07	2,993.67	18.95	11.84	129.47	-1,993.34	-5,841.22	6,661.85	6,632.40	29.46	226.143		
3,800.00	3,709.88	3,100.10	3,085.90	19.49	12.30	129.70	-1,986.75	-5,851.47	6,686.61	6,656.24	30.37	220.150		
3,900.00	3,806.91	3,193.13	3,178.13	20.02	12.75	129.93	-1,980.17	-5,861.72	6,711.48	6,680.19	31.29	214.502		
4,000.00	3,903.94	3,286.16	3,270.36	20.56	13.21	130.16	-1,973.58	-5,871.96	6,736.46	6,704.25	32.21	209.173		
4,100.00	4,000.97	3,379.19	3,362.58	21.09	13.67	130.38	-1,967.00	-5,882.21	6,761.54	6,728.42	33.12	204.137		
4,200.00	4,098.00	3,472.22	3,454.81	21.63	14.13	130.61	-1,960.41	-5,892.46	6,786.73	6,752.69	34.04	199.372		
4,300.00	4,195.03	3,565.25	3,547.04	22.17	14.59	130.83	-1,953.83	-5,902.71	6,812.03	6,777.07	34.96	194.857		
4,400.00	4,292.06	3,658.28	3,639.27	22.71	15.05	131.05	-1,947.24	-5,912.96	6,837.42	6,801.55	35.88	190.575		
4,500.00	4,389.09	3,751.30	3,731.50	23.25	15.52	131.27	-1,940.66	-5,923.20	6,862.92	6,826.13	36.80	186.508		
4,600.00	4,486.12	3,844.33	3,823.72	23.78	15.98	131.49	-1,934.08	-5,933.45	6,888.52	6,850.81	37.72	182.641		
4,700.00	4,583.15	3,937.36	3,915.95	24.32	16.45	131.70	-1,927.49	-5,943.70	6,914.22	6,875.59	38.64	178.960		
4,800.00	4,680.18	4,030.39	4,008.18	24.86	16.91	131.92	-1,920.91	-5,953.95	6,940.02	6,900.47	39.56	175.452		
4,900.00	4,777.21	4,123.42	4,100.41	25.40	17.38	132.13	-1,914.32	-5,964.20	6,965.92	6,925.44	40.47	172.107		
5,000.00	4,874.24	4,216.45	4,192.64	25.94	17.85	132.34	-1,907.74	-5,974.45	6,991.91	6,950.52	41.39	168.912		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Harvesters Resources #15R-323(PR) - OH - OH														Offset Site Error:	0.00 ft
Survey Program: 1200-MWD														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
5,100.00	4,971.27	4,309.48	4,284.86	26.48	18.31	132.55	-1,901.15	-5,984.69	7,018.00	6,975.68	42.31	165.860			
5,200.00	5,068.30	4,402.51	4,377.09	27.02	18.78	132.76	-1,894.57	-5,994.94	7,044.18	7,000.95	43.23	162.940			
5,300.00	5,165.33	4,504.46	4,469.32	27.56	19.30	132.97	-1,887.98	-6,005.19	7,070.46	7,026.26	44.19	159.992			
5,400.00	5,262.36	4,588.56	4,561.55	28.10	19.72	133.18	-1,881.40	-6,015.44	7,096.82	7,051.75	45.07	157.465			
5,500.00	5,359.39	4,681.59	4,653.78	28.64	20.19	133.38	-1,874.81	-6,025.69	7,123.28	7,077.30	45.99	154.896			
5,600.00	5,456.42	4,774.62	4,746.00	29.18	20.66	133.59	-1,868.23	-6,035.93	7,149.83	7,102.93	46.91	152.430			
5,700.00	5,553.45	4,867.65	4,838.23	29.72	21.13	133.79	-1,861.64	-6,046.18	7,176.47	7,128.65	47.82	150.062			
5,800.00	5,650.47	4,960.68	4,930.46	30.27	21.60	133.99	-1,855.06	-6,056.43	7,203.20	7,154.46	48.74	147.786			
5,900.00	5,747.50	5,053.71	5,023.23	30.81	22.07	134.19	-1,848.48	-6,066.68	7,229.94	7,180.99	49.66	145.510			
6,000.00	5,844.53	5,146.74	5,116.26	31.35	22.54	134.39	-1,841.89	-6,076.93	7,256.68	7,207.52	50.58	143.234			
6,100.00	5,941.56	5,239.77	5,209.29	31.89	23.01	134.59	-1,835.31	-6,087.18	7,283.42	7,234.06	51.50	140.958			
6,200.00	6,038.59	5,332.80	5,302.32	32.43	23.48	134.79	-1,828.72	-6,097.43	7,310.16	7,260.80	52.42	138.682			
6,300.00	6,135.62	5,425.83	5,395.35	32.97	23.95	134.99	-1,822.14	-6,107.68	7,336.90	7,287.54	53.34	136.406			
6,400.00	6,232.65	5,518.86	5,488.38	33.51	24.42	135.19	-1,815.56	-6,117.93	7,363.64	7,314.28	54.26	134.130			
6,500.00	6,329.68	5,611.89	5,581.41	34.06	24.89	135.39	-1,808.97	-6,128.18	7,390.38	7,340.92	55.18	131.854			
6,600.00	6,426.71	5,704.92	5,673.94	34.60	25.36	135.59	-1,802.39	-6,138.43	7,417.12	7,367.66	56.10	129.578			
6,655.36	6,480.43	5,758.64	5,728.16	34.90	25.66	135.79	-1,800.00	-6,142.00	7,435.00	7,385.00	56.50	128.500			
6,700.00	6,524.01	5,802.22	5,771.74	35.13	25.89	135.99	-1,797.61	-6,145.57	7,452.88	7,402.78	56.90	127.422			
6,750.00	6,573.29	5,850.00	5,819.52	35.36	26.12	136.04	-1,795.22	-6,149.14	7,470.76	7,420.66	57.30	126.344			
6,800.00	6,622.76	5,897.78	5,867.30	35.56	26.35	136.17	-1,792.83	-6,152.71	7,488.64	7,438.54	57.70	125.266			
6,850.00	6,672.13	5,945.56	5,915.08	35.73	26.58	136.30	-1,790.44	-6,156.28	7,506.52	7,456.42	58.10	124.188			
6,900.00	6,721.08	6,000.00	5,969.52	35.88	26.81	136.43	-1,788.05	-6,159.85	7,524.40	7,474.30	58.50	123.110			
6,950.00	6,769.31	6,050.00	6,019.75	36.03	27.04	136.56	-1,785.66	-6,163.42	7,542.28	7,492.18	58.90	122.032			
7,000.00	6,816.53	6,100.00	6,069.97	36.18	27.27	136.69	-1,783.27	-6,166.99	7,560.16	7,510.06	59.30	120.954			
7,050.00	6,862.44	6,149.78	6,119.28	36.34	27.50	136.82	-1,780.88	-6,170.56	7,578.04	7,527.94	59.70	119.876			
7,100.00	6,906.77	6,198.59	6,168.59	36.50	27.73	136.95	-1,778.49	-6,174.13	7,595.92	7,545.82	60.10	118.798			
7,150.00	6,949.23	6,247.40	6,217.40	36.68	27.96	137.08	-1,776.10	-6,177.70	7,613.80	7,563.70	60.50	117.720			
7,200.00	6,989.58	6,296.21	6,266.21	36.87	28.19	137.21	-1,773.71	-6,181.27	7,631.68	7,581.58	60.90	116.642			
7,250.00	7,027.55	6,345.02	6,314.92	37.09	28.42	137.34	-1,771.32	-6,184.84	7,649.56	7,600.00	61.30	115.564			
7,300.00	7,062.91	6,393.83	6,363.83	37.32	28.65	137.47	-1,768.93	-6,188.41	7,667.44	7,617.88	61.70	114.486			
7,350.00	7,095.45	6,442.64	6,412.64	37.59	28.88	137.60	-1,766.54	-6,191.98	7,685.32	7,635.76	62.10	113.408			
7,400.00	7,124.97	6,491.45	6,461.45	37.88	29.11	137.73	-1,764.15	-6,195.55	7,703.20	7,653.64	62.50	112.330			
7,450.00	7,151.28	6,540.26	6,510.26	38.21	29.34	137.86	-1,761.76	-6,199.12	7,721.08	7,671.52	62.90	111.252			
7,500.00	7,174.22	6,589.07	6,559.07	38.58	29.57	137.99	-1,759.37	-6,202.69	7,738.96	7,689.40	63.30	110.174			
7,550.00	7,193.65	6,637.88	6,607.88	38.98	29.80	138.12	-1,756.98	-6,206.26	7,756.84	7,707.28	63.70	109.096			
7,600.00	7,209.45	6,686.69	6,656.69	39.43	30.03	138.25	-1,754.59	-6,209.83	7,774.72	7,725.16	64.10	108.018			
7,650.00	7,221.52	6,735.50	6,705.50	39.91	30.26	138.38	-1,752.20	-6,213.40	7,792.60	7,743.04	64.50	106.940			
7,700.00	7,229.79	6,784.31	6,754.31	40.42	30.49	138.51	-1,749.81	-6,216.97	7,810.48	7,760.92	64.90	105.862			
7,750.00	7,234.21	6,833.12	6,803.12	40.97	30.72	138.64	-1,747.42	-6,220.54	7,828.36	7,778.80	65.30	104.784			
7,780.56	7,235.00	6,881.93	6,851.93	41.32	30.95	138.77	-1,745.03	-6,224.11	7,846.24	7,796.68	65.70	103.706			
7,800.00	7,235.00	6,930.74	6,900.74	41.54	31.18	138.90	-1,742.64	-6,227.68	7,864.12	7,814.56	66.10	102.628			
7,900.00	7,235.26	6,979.55	6,949.55	42.82	31.41	139.03	-1,739.25	-6,231.25	7,881.96	7,832.40	66.50	101.550			
8,000.00	7,235.47	7,028.36	6,998.36	44.25	31.64	139.16	-1,736.86	-6,234.82	7,899.80	7,850.24	66.90	100.472			
8,100.00	7,235.68	7,077.17	7,047.17	45.82	31.87	139.29	-1,734.47	-6,238.39	7,917.64	7,868.08	67.30	99.394			
8,200.00	7,235.90	7,125.98	7,095.98	47.52	32.10	139.42	-1,732.08	-6,241.96	7,935.48	7,885.92	67.70	98.316			
8,300.00	7,236.11	7,174.79	7,144.79	49.34	32.33	139.55	-1,729.69	-6,245.53	7,953.32	7,903.76	68.10	97.238			
8,400.00	7,236.32	7,223.60	7,193.60	51.25	32.56	139.68	-1,727.30	-6,249.10	7,971.16	7,921.60	68.50	96.160			
8,500.00	7,236.54	7,272.41	7,242.41	53.26	32.79	139.81	-1,724.91	-6,252.67	7,988.96	7,939.44	68.90	95.082			
8,600.00	7,236.75	7,321.22	7,291.22	55.34	33.02	139.94	-1,722.52	-6,256.24	8,006.80	7,957.28	69.30	94.004			
8,700.00	7,236.96	7,370.03	7,340.03	57.50	33.25	140.07	-1,720.13	-6,259.81	8,024.64	7,975.12	69.70	92.926			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Harvesters Resources #15R-323(PR) - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 1200-MWD													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	6,800.00	6,755.00	59.71	28.89	-62.67	-1,906.19	-6,098.77	5,746.94	5,683.85	63.08	91.103		
8,900.00	7,237.39	6,800.00	6,755.00	61.98	28.89	-62.67	-1,906.19	-6,098.77	5,648.63	5,585.39	63.24	89.321		
9,000.00	7,237.60	6,800.00	6,755.00	64.29	28.89	-62.67	-1,906.19	-6,098.77	5,550.38	5,486.97	63.41	87.526		
9,100.00	7,237.81	6,800.00	6,755.00	66.65	28.89	-62.67	-1,906.19	-6,098.77	5,452.20	5,388.59	63.61	85.718		
9,200.00	7,238.03	6,800.00	6,755.00	69.05	28.89	-62.67	-1,906.19	-6,098.77	5,354.08	5,290.26	63.82	83.897		
9,300.00	7,238.24	6,800.00	6,755.00	71.48	28.89	-62.67	-1,906.19	-6,098.77	5,256.03	5,191.98	64.05	82.062		
9,400.00	7,238.45	6,800.00	6,755.00	73.95	28.89	-62.67	-1,906.19	-6,098.77	5,158.06	5,093.76	64.30	80.214		
9,500.00	7,238.67	6,800.00	6,755.00	76.44	28.89	-62.67	-1,906.19	-6,098.77	5,060.17	4,995.59	64.58	78.354		
9,600.00	7,238.88	6,800.00	6,755.00	78.96	28.89	-62.67	-1,906.19	-6,098.77	4,962.37	4,897.48	64.88	76.480		
9,700.00	7,239.09	6,800.00	6,755.00	81.50	28.89	-62.67	-1,906.19	-6,098.77	4,864.65	4,799.43	65.22	74.593		
9,800.00	7,239.30	6,800.00	6,755.00	84.06	28.89	-62.67	-1,906.19	-6,098.77	4,767.02	4,701.45	65.58	72.695		
9,900.00	7,239.52	6,800.00	6,755.00	86.64	28.89	-62.67	-1,906.19	-6,098.77	4,669.50	4,603.53	65.97	70.784		
10,000.00	7,239.73	6,800.00	6,755.00	89.23	28.89	-62.67	-1,906.19	-6,098.77	4,572.09	4,505.69	66.40	68.861		
10,100.00	7,239.94	6,800.00	6,755.00	91.85	28.89	-62.67	-1,906.19	-6,098.77	4,474.78	4,407.92	66.86	66.928		
10,200.00	7,240.16	6,800.00	6,755.00	94.47	28.89	-62.67	-1,906.19	-6,098.77	4,377.60	4,310.24	67.36	64.985		
10,300.00	7,240.37	6,800.00	6,755.00	97.11	28.89	-62.67	-1,906.19	-6,098.77	4,280.55	4,212.64	67.91	63.033		
10,400.00	7,240.58	6,800.00	6,755.00	99.76	28.89	-62.67	-1,906.19	-6,098.77	4,183.64	4,115.14	68.50	61.072		
10,500.00	7,240.80	6,800.00	6,755.00	102.43	28.89	-62.67	-1,906.19	-6,098.77	4,086.88	4,017.73	69.15	59.105		
10,600.00	7,241.01	6,800.00	6,755.00	105.10	28.89	-62.67	-1,906.19	-6,098.77	3,990.28	3,920.43	69.84	57.132		
10,700.00	7,241.22	6,800.00	6,755.00	107.79	28.89	-62.67	-1,906.19	-6,098.77	3,893.85	3,823.25	70.60	55.155		
10,800.00	7,241.43	6,800.00	6,755.00	110.48	28.89	-62.67	-1,906.19	-6,098.77	3,797.60	3,726.18	71.42	53.175		
10,900.00	7,241.65	6,800.00	6,755.00	113.18	28.89	-62.67	-1,906.19	-6,098.77	3,701.55	3,629.25	72.30	51.195		
11,000.00	7,241.86	6,800.00	6,755.00	115.89	28.89	-62.67	-1,906.19	-6,098.77	3,605.72	3,532.46	73.26	49.216		
11,100.00	7,242.07	6,800.00	6,755.00	118.60	28.89	-62.67	-1,906.19	-6,098.77	3,510.12	3,435.82	74.30	47.241		
11,200.00	7,242.29	6,800.00	6,755.00	121.32	28.89	-62.67	-1,906.19	-6,098.77	3,414.77	3,339.34	75.43	45.271		
11,300.00	7,242.50	6,800.00	6,755.00	124.05	28.89	-62.67	-1,906.19	-6,098.77	3,319.70	3,243.05	76.65	43.311		
11,400.00	7,242.71	6,800.00	6,755.00	126.78	28.89	-62.67	-1,906.19	-6,098.77	3,224.92	3,146.95	77.97	41.362		
11,500.00	7,242.93	6,800.00	6,755.00	129.52	28.89	-62.67	-1,906.19	-6,098.77	3,130.47	3,051.07	79.40	39.428		
11,600.00	7,243.14	6,800.00	6,755.00	132.27	28.89	-62.67	-1,906.19	-6,098.77	3,036.37	2,955.43	80.95	37.511		
11,700.00	7,243.35	6,800.00	6,755.00	135.02	28.89	-62.67	-1,906.19	-6,098.77	2,942.67	2,860.04	82.62	35.615		
11,800.00	7,243.57	6,800.00	6,755.00	137.77	28.89	-62.67	-1,906.19	-6,098.77	2,849.39	2,764.94	84.44	33.743		
11,900.00	7,243.78	6,800.00	6,755.00	140.53	28.89	-62.67	-1,906.19	-6,098.77	2,756.58	2,670.17	86.42	31.899		
12,000.00	7,243.99	6,800.00	6,755.00	143.29	28.89	-62.67	-1,906.19	-6,098.77	2,664.29	2,575.74	88.55	30.087		
12,100.00	7,244.20	6,800.00	6,755.00	146.05	28.89	-62.67	-1,906.19	-6,098.77	2,572.58	2,481.71	90.87	28.309		
12,200.00	7,244.42	6,800.00	6,755.00	148.82	28.89	-62.67	-1,906.19	-6,098.77	2,481.51	2,388.12	93.39	26.571		
12,300.00	7,244.63	6,800.00	6,755.00	151.60	28.89	-62.67	-1,906.19	-6,098.77	2,391.16	2,295.03	96.13	24.875		
12,400.00	7,244.84	6,800.00	6,755.00	154.37	28.89	-62.67	-1,906.19	-6,098.77	2,301.60	2,202.50	99.10	23.226		
12,500.00	7,245.06	6,800.00	6,755.00	157.15	28.89	-62.67	-1,906.19	-6,098.77	2,212.94	2,110.61	102.32	21.627		
12,600.00	7,245.27	6,800.00	6,755.00	159.93	28.89	-62.67	-1,906.19	-6,098.77	2,125.28	2,019.45	105.83	20.082		
12,700.00	7,245.48	6,800.00	6,755.00	162.71	28.89	-62.67	-1,906.19	-6,098.77	2,038.76	1,929.11	109.64	18.594		
12,800.00	7,245.70	6,800.00	6,755.00	165.50	28.89	-62.67	-1,906.19	-6,098.77	1,953.52	1,839.74	113.79	17.168		
12,900.00	7,245.91	6,800.00	6,755.00	168.29	28.89	-62.67	-1,906.19	-6,098.77	1,869.75	1,751.47	118.29	15.807		
13,000.00	7,246.12	6,800.00	6,755.00	171.08	28.89	-62.67	-1,906.19	-6,098.77	1,787.65	1,664.48	123.17	14.513		
13,100.00	7,246.33	6,800.00	6,755.00	173.87	28.89	-62.67	-1,906.19	-6,098.77	1,707.46	1,579.00	128.47	13.291		
13,200.00	7,246.55	6,800.00	6,755.00	176.67	28.89	-62.67	-1,906.19	-6,098.77	1,629.47	1,495.27	134.19	12.143		
13,300.00	7,246.76	6,800.00	6,755.00	179.47	28.89	-62.67	-1,906.19	-6,098.77	1,553.99	1,413.63	140.36	11.071		
13,400.00	7,246.97	6,800.00	6,755.00	182.27	28.89	-62.67	-1,906.19	-6,098.77	1,481.42	1,334.44	146.98	10.079		
13,500.00	7,247.19	6,800.00	6,755.00	185.07	28.89	-62.67	-1,906.19	-6,098.77	1,412.21	1,258.18	154.03	9.168		
13,600.00	7,247.40	6,800.00	6,755.00	187.87	28.89	-62.67	-1,906.19	-6,098.77	1,346.87	1,185.39	161.47	8.341		
13,700.00	7,247.61	6,800.00	6,755.00	190.68	28.89	-62.67	-1,906.19	-6,098.77	1,285.99	1,116.75	169.24	7.599		
13,800.00	7,247.83	6,800.00	6,755.00	193.48	28.89	-62.67	-1,906.19	-6,098.77	1,230.25	1,053.04	177.20	6.943		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 1200-MWD														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,900.00	7,248.04	6,800.00	6,755.00	196.29	28.89	-62.67	-1,906.19	-6,098.77	1,180.35	995.16	185.19	6.374			
14,000.00	7,248.25	6,800.00	6,755.00	199.10	28.89	-62.67	-1,906.19	-6,098.77	1,137.08	944.11	192.98	5.892			
14,100.00	7,248.46	6,800.00	6,755.00	201.91	28.89	-62.67	-1,906.19	-6,098.77	1,101.22	900.95	200.26	5.499			
14,200.00	7,248.68	6,800.00	6,755.00	204.72	28.89	-62.67	-1,906.19	-6,098.77	1,073.50	866.76	206.74	5.193			
14,300.00	7,248.89	6,800.00	6,755.00	207.53	28.89	-62.67	-1,906.19	-6,098.77	1,054.58	842.49	212.08	4.973			
14,400.00	7,249.10	6,800.00	6,755.00	210.35	28.89	-62.67	-1,906.19	-6,098.77	1,044.92	828.91	216.01	4.837			
14,451.38	7,249.21	6,800.00	6,755.00	211.79	28.89	-62.67	-1,906.19	-6,098.77	1,043.65	826.24	217.41	4.800 CC, ES			
14,500.00	7,249.32	6,800.00	6,755.00	213.16	28.89	-62.67	-1,906.19	-6,098.77	1,044.79	826.45	218.34	4.785 SF			
14,600.00	7,249.53	6,800.00	6,755.00	215.98	28.89	-62.67	-1,906.19	-6,098.77	1,054.18	835.17	219.01	4.813			
14,700.00	7,249.74	6,800.00	6,755.00	218.80	28.89	-62.67	-1,906.19	-6,098.77	1,072.86	854.75	218.11	4.919			
14,800.00	7,249.96	6,800.00	6,755.00	221.62	28.89	-62.67	-1,906.19	-6,098.77	1,100.34	884.54	215.80	5.099			
14,900.00	7,250.17	6,800.00	6,755.00	224.44	28.89	-62.67	-1,906.19	-6,098.77	1,135.99	923.64	212.35	5.350			
15,000.00	7,250.38	6,800.00	6,755.00	227.26	28.89	-62.67	-1,906.19	-6,098.77	1,179.07	971.03	208.04	5.667			
15,100.00	7,250.59	6,800.00	6,755.00	230.08	28.89	-62.67	-1,906.19	-6,098.77	1,228.79	1,025.64	203.15	6.049			
15,200.00	7,250.81	6,800.00	6,755.00	232.90	28.89	-62.67	-1,906.19	-6,098.77	1,284.39	1,086.47	197.92	6.490			
15,300.00	7,251.02	6,800.00	6,755.00	235.72	28.89	-62.67	-1,906.19	-6,098.77	1,345.13	1,152.59	192.54	6.986			
15,400.00	7,251.23	6,800.00	6,755.00	238.55	28.89	-62.67	-1,906.19	-6,098.77	1,410.36	1,223.19	187.16	7.536			
15,500.00	7,251.45	6,800.00	6,755.00	241.37	28.89	-62.67	-1,906.19	-6,098.77	1,479.47	1,297.57	181.89	8.134			
15,600.00	7,251.66	6,800.00	6,755.00	244.20	28.89	-62.67	-1,906.19	-6,098.77	1,551.95	1,375.14	176.81	8.778			
15,700.00	7,251.87	6,800.00	6,755.00	247.03	28.89	-62.67	-1,906.19	-6,098.77	1,627.35	1,455.40	171.95	9.464			
15,800.00	7,252.09	6,800.00	6,755.00	249.85	28.89	-62.67	-1,906.19	-6,098.77	1,705.29	1,537.94	167.35	10.190			
15,900.00	7,252.30	6,800.00	6,755.00	252.68	28.89	-62.67	-1,906.19	-6,098.77	1,785.42	1,622.42	163.00	10.953			
16,000.00	7,252.51	6,800.00	6,755.00	255.51	28.89	-62.67	-1,906.19	-6,098.77	1,867.47	1,708.55	158.92	11.751			
16,100.00	7,252.72	6,800.00	6,755.00	258.34	28.89	-62.67	-1,906.19	-6,098.77	1,951.20	1,796.10	155.10	12.580			
16,200.00	7,252.94	6,800.00	6,755.00	261.17	28.89	-62.67	-1,906.19	-6,098.77	2,036.39	1,884.87	151.52	13.439			
16,300.00	7,253.15	6,800.00	6,755.00	264.00	28.89	-62.67	-1,906.19	-6,098.77	2,122.88	1,974.70	148.18	14.326			
16,400.00	7,253.36	6,800.00	6,755.00	266.83	28.89	-62.67	-1,906.19	-6,098.77	2,210.51	2,065.45	145.06	15.239			
16,500.00	7,253.58	6,800.00	6,755.00	269.66	28.89	-62.67	-1,906.19	-6,098.77	2,299.15	2,157.01	142.14	16.175			
16,600.00	7,253.79	6,800.00	6,755.00	272.50	28.89	-62.67	-1,906.19	-6,098.77	2,388.68	2,249.27	139.41	17.134			
16,700.00	7,254.00	6,800.00	6,755.00	275.33	28.89	-62.67	-1,906.19	-6,098.77	2,479.02	2,342.15	136.86	18.113			
16,800.00	7,254.22	6,800.00	6,755.00	278.16	28.89	-62.67	-1,906.19	-6,098.77	2,570.07	2,435.59	134.48	19.111			
16,900.00	7,254.43	6,800.00	6,755.00	281.00	28.89	-62.67	-1,906.19	-6,098.77	2,661.76	2,529.52	132.25	20.127			
17,000.00	7,254.64	6,800.00	6,755.00	283.83	28.89	-62.67	-1,906.19	-6,098.77	2,754.03	2,623.88	130.15	21.160			
17,100.00	7,254.85	6,800.00	6,755.00	286.67	28.89	-62.67	-1,906.19	-6,098.77	2,846.83	2,718.64	128.19	22.208			
17,200.00	7,255.07	6,800.00	6,755.00	289.50	28.89	-62.67	-1,906.19	-6,098.77	2,940.09	2,813.75	126.35	23.270			
17,300.00	7,255.28	6,800.00	6,755.00	292.34	28.89	-62.67	-1,906.19	-6,098.77	3,033.79	2,909.18	124.61	24.346			
17,400.00	7,255.49	6,800.00	6,755.00	295.17	28.89	-62.67	-1,906.19	-6,098.77	3,127.87	3,004.89	122.98	25.433			
17,500.00	7,255.71	6,800.00	6,755.00	298.01	28.89	-62.67	-1,906.19	-6,098.77	3,222.32	3,100.87	121.45	26.532			
17,600.00	7,255.92	6,800.00	6,755.00	300.85	28.89	-62.67	-1,906.19	-6,098.77	3,317.08	3,197.08	120.00	27.641			
17,700.00	7,256.13	6,800.00	6,755.00	303.68	28.89	-62.67	-1,906.19	-6,098.77	3,412.15	3,293.51	118.64	28.760			
17,800.00	7,256.35	6,800.00	6,755.00	306.52	28.89	-62.67	-1,906.19	-6,098.77	3,507.49	3,390.14	117.35	29.888			
17,900.00	7,256.56	6,800.00	6,755.00	309.36	28.89	-62.67	-1,906.19	-6,098.77	3,603.08	3,486.95	116.14	31.025			
18,000.00	7,256.77	6,800.00	6,755.00	312.20	28.89	-62.67	-1,906.19	-6,098.77	3,698.91	3,583.93	114.99	32.168			
18,100.00	7,256.98	6,800.00	6,755.00	315.04	28.89	-62.67	-1,906.19	-6,098.77	3,794.95	3,681.06	113.90	33.319			
18,200.00	7,257.20	6,800.00	6,755.00	317.88	28.89	-62.67	-1,906.19	-6,098.77	3,891.19	3,778.33	112.87	34.476			
18,300.00	7,257.41	6,800.00	6,755.00	320.72	28.89	-62.67	-1,906.19	-6,098.77	3,987.62	3,875.73	111.89	35.640			
18,400.00	7,257.62	6,800.00	6,755.00	323.56	28.89	-62.67	-1,906.19	-6,098.77	4,084.22	3,973.26	110.96	36.808			
18,500.00	7,257.84	6,800.00	6,755.00	326.40	28.89	-62.67	-1,906.19	-6,098.77	4,180.98	4,070.90	110.08	37.981			
18,600.00	7,258.05	6,800.00	6,755.00	329.24	28.89	-62.67	-1,906.19	-6,098.77	4,277.88	4,168.64	109.24	39.159			
18,700.00	7,258.26	6,800.00	6,755.00	332.08	28.89	-62.67	-1,906.19	-6,098.77	4,374.93	4,266.48	108.45	40.341			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - Harvesters Resources #15R-323(PR) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 1200-MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
18,800.00	7,258.48	6,800.00	6,755.00	334.92	28.89	-62.67	-1,906.19	-6,098.77	4,472.11	4,364.42	107.69	41.527		
18,900.00	7,258.69	6,800.00	6,755.00	337.76	28.89	-62.67	-1,906.19	-6,098.77	4,569.41	4,462.43	106.97	42.716		
19,000.00	7,258.90	6,800.00	6,755.00	340.60	28.89	-62.67	-1,906.19	-6,098.77	4,666.82	4,560.53	106.29	43.908		
19,046.19	7,259.00	6,800.00	6,755.00	341.92	28.89	-62.67	-1,906.19	-6,098.77	4,711.85	4,605.87	105.98	44.459		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 800-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-110.32	-2,107.95	-5,693.43	6,071.13					
100.00	100.00	85.00	85.00	3.28	3.29	-110.32	-2,107.95	-5,693.43	6,071.13	6,064.56	6.57	924.069		
200.00	200.00	185.00	185.00	3.34	3.31	-110.32	-2,107.95	-5,693.43	6,071.13	6,064.49	6.64	914.043		
300.00	300.00	285.00	285.00	3.44	3.34	-110.32	-2,107.95	-5,693.43	6,071.13	6,064.35	6.78	894.921		
400.00	399.98	384.98	384.98	3.60	3.39	124.68	-2,107.95	-5,693.43	6,072.13	6,065.14	6.98	869.402		
500.00	499.84	484.84	484.84	3.79	3.45	124.67	-2,107.95	-5,693.43	6,075.11	6,067.87	7.24	839.278		
600.00	599.45	584.45	584.45	4.03	3.52	124.66	-2,107.95	-5,693.43	6,080.08	6,072.53	7.55	805.606		
700.00	698.70	683.70	683.70	4.30	3.61	124.64	-2,107.95	-5,693.43	6,087.04	6,079.13	7.91	770.008		
800.00	797.47	782.47	782.47	4.61	3.70	124.61	-2,107.95	-5,693.43	6,096.00	6,087.70	8.31	733.752		
900.00	895.62	830.81	830.81	4.95	3.78	124.49	-2,107.89	-5,693.59	6,107.30	6,098.57	8.73	699.513		
1,000.00	993.06	867.83	867.83	5.33	3.87	124.32	-2,107.66	-5,694.18	6,121.56	6,112.37	9.18	666.546		
1,100.00	1,090.08	900.00	899.98	5.74	3.94	124.39	-2,107.33	-5,695.07	6,137.81	6,128.16	9.65	635.824		
1,200.00	1,187.11	940.80	940.74	6.17	4.04	124.48	-2,106.72	-5,696.67	6,155.06	6,144.90	10.16	605.631		
1,300.00	1,284.14	1,000.00	999.84	6.61	4.20	124.61	-2,105.47	-5,699.96	6,173.45	6,162.71	10.74	574.773		
1,400.00	1,381.17	1,000.00	999.84	7.07	4.20	124.61	-2,105.47	-5,699.96	6,192.64	6,181.47	11.17	554.246		
1,500.00	1,478.20	1,048.21	1,047.90	7.55	4.34	124.72	-2,104.13	-5,703.48	6,212.89	6,201.14	11.75	528.769		
1,600.00	1,575.23	1,100.00	1,099.45	8.03	4.49	124.85	-2,102.37	-5,708.10	6,234.23	6,221.88	12.35	504.834		
1,700.00	1,672.26	1,100.00	1,099.45	8.52	4.49	124.85	-2,102.37	-5,708.10	6,256.52	6,243.72	12.80	488.917		
1,800.00	1,769.29	1,152.98	1,152.09	9.01	4.66	124.98	-2,100.22	-5,713.73	6,279.72	6,266.30	13.42	468.062		
1,900.00	1,866.32	1,200.00	1,198.70	9.51	4.82	125.11	-2,098.03	-5,719.49	6,304.02	6,289.99	14.02	449.498		
2,000.00	1,963.35	1,221.27	1,219.75	10.02	4.90	125.16	-2,096.95	-5,722.33	6,329.23	6,314.68	14.55	435.032		
2,100.00	2,060.38	1,276.52	1,274.36	10.53	5.10	125.31	-2,093.95	-5,730.20	6,355.40	6,340.20	15.20	418.164		
2,200.00	2,157.41	1,368.79	1,365.53	11.04	5.46	125.56	-2,088.90	-5,743.47	6,381.87	6,365.87	16.00	398.886		
2,300.00	2,254.44	1,461.05	1,456.69	11.56	5.84	125.81	-2,083.85	-5,756.74	6,408.46	6,391.64	16.82	380.991		
2,400.00	2,351.47	1,553.32	1,547.86	12.07	6.24	126.06	-2,078.80	-5,770.01	6,435.17	6,417.51	17.66	364.464		
2,500.00	2,448.50	1,645.58	1,639.02	12.59	6.65	126.30	-2,073.75	-5,783.28	6,462.00	6,443.49	18.51	349.202		
2,600.00	2,545.53	1,737.84	1,730.19	13.12	7.08	126.55	-2,068.69	-5,796.55	6,488.94	6,469.58	19.36	335.104		
2,700.00	2,642.56	1,830.11	1,821.35	13.64	7.51	126.79	-2,063.64	-5,809.82	6,516.01	6,495.78	20.23	322.071		
2,800.00	2,739.59	1,922.37	1,912.52	14.17	7.95	127.03	-2,058.59	-5,823.08	6,543.19	6,522.08	21.11	310.009		
2,900.00	2,836.62	2,014.64	2,003.68	14.69	8.40	127.26	-2,053.54	-5,836.35	6,570.48	6,548.50	21.99	298.830		
3,000.00	2,933.65	2,106.90	2,094.85	15.22	8.85	127.50	-2,048.49	-5,849.62	6,597.89	6,575.02	22.87	288.452		
3,100.00	3,030.68	2,200.84	2,186.01	15.75	9.32	127.73	-2,043.44	-5,862.89	6,625.41	6,601.64	23.77	278.716		
3,200.00	3,127.71	2,308.57	2,277.18	16.28	9.86	127.97	-2,038.38	-5,876.16	6,653.04	6,628.30	24.73	268.978		
3,300.00	3,224.74	2,383.69	2,368.34	16.82	10.24	128.20	-2,033.33	-5,889.43	6,680.77	6,655.22	25.55	261.430		
3,400.00	3,321.76	2,475.96	2,459.51	17.35	10.71	128.42	-2,028.28	-5,902.70	6,708.61	6,682.16	26.45	253.593		
3,500.00	3,418.79	2,568.22	2,550.67	17.88	11.18	128.65	-2,023.23	-5,915.97	6,736.56	6,709.21	27.36	246.256		
3,600.00	3,515.82	2,660.49	2,641.84	18.42	11.66	128.88	-2,018.18	-5,929.23	6,764.62	6,736.36	28.26	239.375		
3,700.00	3,612.85	2,752.75	2,733.00	18.95	12.14	129.10	-2,013.13	-5,942.50	6,792.77	6,763.61	29.16	232.912		
3,800.00	3,709.88	2,845.01	2,824.17	19.49	12.62	129.32	-2,008.08	-5,955.77	6,821.03	6,790.96	30.07	226.832		
3,900.00	3,806.91	2,937.28	2,915.33	20.02	13.10	129.54	-2,003.02	-5,969.04	6,849.39	6,818.41	30.98	221.104		
4,000.00	3,903.94	3,029.54	3,006.50	20.56	13.58	129.76	-1,997.97	-5,982.31	6,877.85	6,845.96	31.89	215.699		
4,100.00	4,000.97	3,121.81	3,097.67	21.09	14.06	129.97	-1,992.92	-5,995.58	6,906.40	6,873.61	32.80	210.592		
4,200.00	4,098.00	3,214.07	3,188.83	21.63	14.55	130.19	-1,987.87	-6,008.85	6,935.06	6,901.35	33.70	205.760		
4,300.00	4,195.03	3,306.34	3,280.00	22.17	15.03	130.40	-1,982.82	-6,022.12	6,963.80	6,929.19	34.61	201.182		
4,400.00	4,292.06	3,401.40	3,371.16	22.71	15.53	130.61	-1,977.77	-6,035.38	6,992.65	6,957.11	35.54	196.767		
4,500.00	4,389.09	3,509.14	3,462.33	23.25	16.10	130.82	-1,972.71	-6,048.65	7,021.58	6,985.06	36.52	192.265		
4,600.00	4,486.12	3,583.13	3,553.49	23.78	16.50	131.03	-1,967.66	-6,061.92	7,050.61	7,013.27	37.35	188.794		
4,700.00	4,583.15	3,675.39	3,644.66	24.32	16.99	131.24	-1,962.61	-6,075.19	7,079.73	7,041.48	38.26	185.061		
4,800.00	4,680.18	3,767.66	3,735.82	24.86	17.48	131.44	-1,957.56	-6,088.46	7,108.94	7,069.77	39.17	181.504		
4,900.00	4,777.21	3,859.92	3,826.99	25.40	17.97	131.65	-1,952.51	-6,101.73	7,138.24	7,098.16	40.08	178.112		
5,000.00	4,874.24	3,952.18	3,918.15	25.94	18.46	131.85	-1,947.46	-6,115.00	7,167.63	7,126.64	40.99	174.872		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 800-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	4,044.45	4,009.32	26.48	18.95	132.05	-1,942.41	-6,128.27	7,197.10	7,155.20	41.90	171.776		
5,200.00	5,068.30	4,136.71	4,100.48	27.02	19.44	132.25	-1,937.35	-6,141.54	7,226.66	7,183.85	42.81	168.814		
5,300.00	5,165.33	4,228.98	4,191.65	27.56	19.94	132.45	-1,932.30	-6,154.80	7,256.30	7,212.58	43.72	165.978		
5,400.00	5,262.36	4,321.24	4,282.81	28.10	20.43	132.64	-1,927.25	-6,168.07	7,286.03	7,241.40	44.63	163.261		
5,500.00	5,359.39	4,413.51	4,373.98	28.64	20.92	132.84	-1,922.20	-6,181.34	7,315.84	7,270.30	45.54	160.655		
5,600.00	5,456.42	4,505.77	4,465.14	29.18	21.42	133.03	-1,917.15	-6,194.61	7,345.73	7,299.28	46.45	158.153		
5,700.00	5,553.45	4,601.97	4,556.31	29.72	21.93	133.22	-1,912.10	-6,207.88	7,375.70	7,328.32	47.37	155.690		
5,800.00	5,650.47	4,709.70	4,647.47	30.27	22.51	133.41	-1,907.04	-6,221.15	7,405.75	7,357.39	48.36	153.152		
5,900.00	5,747.50	4,782.56	4,738.64	30.81	22.90	133.60	-1,901.99	-6,234.42	7,435.88	7,386.70	49.17	151.220		
6,000.00	5,844.53	4,874.83	4,829.80	31.35	23.40	133.79	-1,896.94	-6,247.69	7,466.08	7,416.00	50.08	149.081		
6,100.00	5,941.56	4,967.09	4,920.97	31.89	23.89	133.97	-1,891.89	-6,260.95	7,496.37	7,445.38	50.99	147.021		
6,200.00	6,038.59	5,059.35	5,012.14	32.43	24.39	134.16	-1,886.84	-6,274.22	7,526.73	7,474.83	51.90	145.036		
6,300.00	6,135.62	5,151.62	5,103.30	32.97	24.88	134.34	-1,881.79	-6,287.49	7,557.16	7,504.36	52.80	143.121		
6,400.00	6,232.65	5,243.88	5,194.47	33.51	25.38	134.52	-1,876.74	-6,300.76	7,587.67	7,533.96	53.71	141.274		
6,500.00	6,329.68	5,336.15	5,285.63	34.06	25.88	134.70	-1,871.68	-6,314.03	7,618.25	7,563.63	54.62	139.489		
6,600.00	6,426.71	5,428.41	5,376.80	34.60	26.37	134.88	-1,866.63	-6,327.30	7,648.90	7,593.38	55.52	137.766		
6,655.36	6,480.43	5,479.49	5,427.27	34.90	26.65	134.98	-1,863.84	-6,334.64	7,665.90	7,609.88	56.02	136.836		
6,700.00	6,524.01	5,521.16	5,468.44	35.13	26.87	123.04	-1,861.55	-6,340.64	7,678.15	7,621.72	56.42	136.084		
6,750.00	6,573.29	5,568.82	5,515.53	35.36	27.13	100.75	-1,858.95	-6,347.49	7,688.31	7,631.45	56.86	135.215		
6,800.00	6,622.76	5,600.00	5,540.78	35.56	31.86	71.84	-1,829.31	-6,429.40	7,694.57	7,632.26	62.31	123.488		
6,850.00	6,672.13	5,624.00	5,564.70	35.73	31.93	46.41	-1,831.21	-6,429.40	7,690.85	7,628.30	62.55	122.948		
6,900.00	6,721.08	5,645.74	5,586.31	35.88	32.00	30.86	-1,833.58	-6,429.39	7,683.45	7,620.69	62.76	122.420		
6,950.00	6,769.31	5,667.19	5,607.56	36.03	32.06	21.63	-1,836.53	-6,429.39	7,672.39	7,609.44	62.95	121.880		
7,000.00	6,816.53	5,690.00	5,639.88	36.18	32.16	15.75	-1,842.18	-6,429.39	7,657.76	7,594.60	63.16	121.237		
7,050.00	6,862.44	5,700.00	5,639.88	36.34	32.16	11.72	-1,842.18	-6,429.39	7,639.59	7,576.36	63.23	120.813		
7,100.00	6,906.77	5,728.17	5,667.41	36.50	32.23	8.72	-1,848.13	-6,429.39	7,618.01	7,554.62	63.39	120.184		
7,150.00	6,949.23	5,746.88	5,685.56	36.68	32.28	6.36	-1,852.64	-6,429.39	7,593.14	7,529.64	63.49	119.590		
7,200.00	6,989.58	5,764.56	5,702.62	36.87	32.33	4.38	-1,857.32	-6,429.39	7,565.11	7,501.52	63.59	118.976		
7,250.00	7,027.55	5,800.00	5,736.45	37.09	32.42	2.56	-1,867.87	-6,429.39	7,534.14	7,470.41	63.73	118.219		
7,300.00	7,062.91	5,800.00	5,736.45	37.32	32.42	0.93	-1,867.87	-6,429.39	7,500.23	7,436.48	63.74	117.666		
7,350.00	7,095.45	5,800.00	5,736.45	37.59	32.42	-0.69	-1,867.87	-6,429.39	7,463.74	7,400.00	63.74	117.088		
7,400.00	7,124.97	5,800.00	5,736.45	37.88	32.42	-2.40	-1,867.87	-6,429.39	7,424.88	7,361.13	63.74	116.484		
7,450.00	7,151.28	5,834.23	5,768.62	38.21	32.50	-4.53	-1,879.53	-6,429.39	7,383.64	7,319.79	63.85	115.641		
7,500.00	7,174.22	5,843.92	5,777.64	38.58	32.52	-6.95	-1,883.10	-6,429.39	7,340.51	7,276.64	63.87	114.920		
7,550.00	7,193.65	5,852.10	5,785.20	38.98	32.54	-10.06	-1,886.19	-6,429.39	7,295.64	7,231.75	63.90	114.182		
7,600.00	7,209.45	5,858.72	5,791.31	39.43	32.55	-14.32	-1,888.76	-6,429.39	7,249.30	7,185.39	63.91	113.426		
7,650.00	7,221.52	5,863.77	5,795.95	39.91	32.56	-20.63	-1,890.75	-6,429.39	7,201.75	7,137.82	63.93	112.655		
7,700.00	7,229.79	5,867.24	5,799.12	40.42	32.57	-30.81	-1,892.14	-6,429.39	7,153.28	7,089.33	63.94	111.870		
7,750.00	7,234.21	5,869.10	5,800.83	40.97	32.58	-48.40	-1,892.89	-6,429.39	7,104.16	7,040.20	63.96	111.072		
7,780.56	7,235.00	5,869.45	5,801.15	41.32	32.58	-64.57	-1,893.03	-6,429.39	7,073.96	7,009.98	63.97	110.579		
7,800.00	7,235.04	5,869.49	5,801.18	41.54	32.58	-64.57	-1,893.04	-6,429.39	7,054.72	6,990.74	63.98	110.265		
7,900.00	7,235.26	5,869.65	5,801.34	42.82	32.58	-64.58	-1,893.11	-6,429.39	6,955.76	6,891.74	64.02	108.645		
8,000.00	7,235.47	5,869.82	5,801.49	44.25	32.58	-64.59	-1,893.18	-6,429.39	6,856.84	6,792.76	64.07	107.015		
8,100.00	7,235.68	5,869.99	5,801.64	45.82	32.58	-64.60	-1,893.25	-6,429.39	6,757.94	6,693.81	64.13	105.376		
8,200.00	7,235.90	5,870.16	5,801.80	47.52	32.58	-64.61	-1,893.32	-6,429.39	6,659.08	6,594.89	64.20	103.725		
8,300.00	7,236.11	5,870.33	5,801.95	49.34	32.58	-64.62	-1,893.38	-6,429.39	6,560.26	6,495.98	64.28	102.065		
8,400.00	7,236.32	5,870.50	5,802.11	51.25	32.58	-64.63	-1,893.45	-6,429.39	6,461.47	6,397.11	64.36	100.394		
8,500.00	7,236.54	5,870.66	5,802.26	53.26	32.58	-64.64	-1,893.52	-6,429.39	6,362.72	6,298.26	64.46	98.712		
8,600.00	7,236.75	5,870.83	5,802.42	55.34	32.58	-64.65	-1,893.59	-6,429.39	6,264.01	6,199.44	64.56	97.019		
8,700.00	7,236.96	5,871.00	5,802.57	57.50	32.58	-64.66	-1,893.66	-6,429.39	6,165.34	6,100.65	64.68	95.315		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 800-MWD													Offset Well Error:	3.28 ft
Falken 9-11 PAD - Harvesters Resources #15R-403(PR) - OH - OH														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	6,871.17	6,802.72	59.71	32.58	-64.67	-1,893.73	-6,429.39	6,066.71	6,001.90	64.82	93.600		
8,900.00	7,237.39	6,871.34	6,802.88	61.98	32.58	-64.68	-1,893.80	-6,429.39	5,968.13	5,903.17	64.96	91.873		
9,000.00	7,237.60	6,871.51	6,803.03	64.29	32.58	-64.69	-1,893.87	-6,429.39	5,869.60	5,804.48	65.12	90.135		
9,100.00	7,237.81	6,871.68	6,803.19	66.65	32.58	-64.70	-1,893.93	-6,429.39	5,771.11	5,705.82	65.30	88.385		
9,200.00	7,238.03	6,871.85	6,803.34	69.05	32.58	-64.71	-1,894.00	-6,429.39	5,672.69	5,607.20	65.49	86.623		
9,300.00	7,238.24	6,872.02	6,803.50	71.48	32.58	-64.72	-1,894.07	-6,429.39	5,574.31	5,508.62	65.70	84.850		
9,400.00	7,238.45	6,872.19	6,803.65	73.95	32.58	-64.73	-1,894.14	-6,429.39	5,476.00	5,410.07	65.92	83.065		
9,500.00	7,238.67	6,872.36	6,803.81	76.44	32.58	-64.73	-1,894.21	-6,429.39	5,377.74	5,311.57	66.17	81.268		
9,600.00	7,238.88	6,872.52	6,803.96	78.96	32.58	-64.74	-1,894.28	-6,429.39	5,279.56	5,213.12	66.44	79.460		
9,700.00	7,239.09	6,872.69	6,804.11	81.50	32.58	-64.75	-1,894.35	-6,429.39	5,181.44	5,114.70	66.74	77.640		
9,800.00	7,239.30	6,872.86	6,804.27	84.06	32.58	-64.76	-1,894.42	-6,429.39	5,083.40	5,016.34	67.06	75.809		
9,900.00	7,239.52	6,873.03	6,804.42	86.64	32.58	-64.77	-1,894.49	-6,429.39	4,985.43	4,918.03	67.40	73.967		
10,000.00	7,239.73	6,873.20	6,804.58	89.23	32.58	-64.78	-1,894.56	-6,429.39	4,887.55	4,819.77	67.78	72.114		
10,100.00	7,239.94	6,873.37	6,804.73	91.85	32.58	-64.79	-1,894.63	-6,429.39	4,789.75	4,721.57	68.18	70.251		
10,200.00	7,240.16	6,873.54	6,804.89	94.47	32.59	-64.80	-1,894.70	-6,429.39	4,692.05	4,623.43	68.62	68.378		
10,300.00	7,240.37	6,873.71	6,805.04	97.11	32.59	-64.81	-1,894.76	-6,429.39	4,594.44	4,525.35	69.09	66.495		
10,400.00	7,240.58	6,873.88	6,805.20	99.76	32.59	-64.82	-1,894.83	-6,429.39	4,496.94	4,427.33	69.61	64.604		
10,500.00	7,240.80	6,874.05	6,805.35	102.43	32.59	-64.83	-1,894.90	-6,429.39	4,399.55	4,329.39	70.16	62.706		
10,600.00	7,241.01	6,874.22	6,805.51	105.10	32.59	-64.84	-1,894.97	-6,429.39	4,302.29	4,231.52	70.76	60.800		
10,700.00	7,241.22	6,874.39	6,805.67	107.79	32.59	-64.85	-1,895.04	-6,429.39	4,205.15	4,133.74	71.41	58.888		
10,800.00	7,241.43	6,874.56	6,805.82	110.48	32.59	-64.86	-1,895.11	-6,429.39	4,108.14	4,036.04	72.11	56.972		
10,900.00	7,241.65	6,874.73	6,805.98	113.18	32.59	-64.87	-1,895.18	-6,429.39	4,011.29	3,938.43	72.86	55.053		
11,000.00	7,241.86	6,874.90	6,806.13	115.89	32.59	-64.88	-1,895.25	-6,429.39	3,914.59	3,840.91	73.68	53.131		
11,100.00	7,242.07	6,875.08	6,806.29	118.60	32.59	-64.89	-1,895.32	-6,429.39	3,818.06	3,743.51	74.56	51.210		
11,200.00	7,242.29	6,875.25	6,806.44	121.32	32.59	-64.90	-1,895.39	-6,429.39	3,721.72	3,646.21	75.51	49.289		
11,300.00	7,242.50	6,875.42	6,806.60	124.05	32.59	-64.91	-1,895.46	-6,429.39	3,625.58	3,549.04	76.53	47.373		
11,400.00	7,242.71	6,875.59	6,806.75	126.78	32.59	-64.92	-1,895.53	-6,429.39	3,529.64	3,452.00	77.64	45.461		
11,500.00	7,242.93	6,875.76	6,806.91	129.52	32.60	-66.30	-1,905.94	-6,429.39	3,434.15	3,354.93	79.21	43.353		
11,600.00	7,243.14	6,875.93	6,807.07	132.27	32.60	-66.30	-1,905.94	-6,429.39	3,338.70	3,258.18	80.52	41.463		
11,700.00	7,243.35	6,876.10	6,807.23	135.02	32.60	-66.30	-1,905.94	-6,429.39	3,243.53	3,161.59	81.94	39.586		
11,800.00	7,243.57	6,876.27	6,807.39	137.77	32.60	-66.30	-1,905.94	-6,429.39	3,148.66	3,065.20	83.47	37.724		
11,900.00	7,243.78	6,876.44	6,807.55	140.53	32.60	-66.30	-1,905.94	-6,429.39	3,054.12	2,969.00	85.12	35.882		
12,000.00	7,243.99	6,876.61	6,807.71	143.29	32.60	-66.30	-1,905.94	-6,429.39	2,959.93	2,873.03	86.90	34.061		
12,100.00	7,244.20	6,876.78	6,807.87	146.05	32.60	-66.30	-1,905.94	-6,429.39	2,866.14	2,777.31	88.83	32.264		
12,200.00	7,244.42	6,876.95	6,808.03	148.82	32.60	-66.30	-1,905.94	-6,429.39	2,772.79	2,681.86	90.92	30.495		
12,300.00	7,244.63	6,877.12	6,808.19	151.60	32.60	-66.30	-1,905.94	-6,429.39	2,679.91	2,586.72	93.19	28.758		
12,400.00	7,244.84	6,877.29	6,808.35	154.37	32.60	-66.30	-1,905.94	-6,429.39	2,587.57	2,491.92	95.64	27.055		
12,500.00	7,245.06	6,877.46	6,808.51	157.15	32.60	-66.30	-1,905.94	-6,429.39	2,495.81	2,397.51	98.30	25.389		
12,600.00	7,245.27	6,877.63	6,808.67	159.93	32.60	-66.30	-1,905.94	-6,429.39	2,404.71	2,303.52	101.19	23.764		
12,700.00	7,245.48	6,877.80	6,808.83	162.71	32.60	-66.30	-1,905.94	-6,429.39	2,314.35	2,210.02	104.32	22.184		
12,800.00	7,245.70	6,877.97	6,808.99	165.50	32.60	-66.30	-1,905.94	-6,429.39	2,224.81	2,117.08	107.73	20.652		
12,900.00	7,245.91	6,878.14	6,809.15	168.29	32.60	-66.30	-1,905.94	-6,429.39	2,136.20	2,024.77	111.43	19.171		
13,000.00	7,246.12	6,878.31	6,809.31	171.08	32.60	-66.30	-1,905.94	-6,429.39	2,048.64	1,933.19	115.45	17.745		
13,100.00	7,246.33	6,878.48	6,809.47	173.87	32.60	-66.30	-1,905.94	-6,429.39	1,962.27	1,842.44	119.83	16.376		
13,200.00	7,246.55	6,878.65	6,809.63	176.67	32.60	-66.30	-1,905.94	-6,429.39	1,877.25	1,752.66	124.59	15.068		
13,300.00	7,246.76	6,878.82	6,809.79	179.47	32.60	-66.30	-1,905.94	-6,429.39	1,793.78	1,664.02	129.76	13.824		
13,400.00	7,246.97	6,878.99	6,809.95	182.27	32.60	-66.30	-1,905.94	-6,429.39	1,712.08	1,576.70	135.38	12.646		
13,500.00	7,247.19	6,879.16	6,810.11	185.07	32.60	-66.30	-1,905.94	-6,429.39	1,632.41	1,490.94	141.48	11.539		
13,600.00	7,247.40	6,879.33	6,810.27	187.87	32.60	-66.30	-1,905.94	-6,429.39	1,555.10	1,407.04	148.07	10.503		
13,700.00	7,247.61	6,879.50	6,810.43	190.68	32.60	-66.30	-1,905.94	-6,429.39	1,480.51	1,325.35	155.17	9.541		
13,800.00	7,247.83	6,879.67	6,810.59	193.48	32.60	-66.30	-1,905.94	-6,429.39	1,409.07	1,246.30	162.77	8.657		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		Falken 9-11 PAD - Harvesters Resources #15R-403(PR) - OH - OH											Offset Site Error:		0.00 ft
Survey Program:		800-MWD											Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,900.00	7,248.04	6,900.00	6,828.84	196.29	32.64	-66.30	-1,905.94	-6,429.39	1,341.29	1,170.43	170.86	7.850			
14,000.00	7,248.25	6,900.00	6,828.84	199.10	32.64	-66.30	-1,905.94	-6,429.39	1,277.75	1,098.39	179.35	7.124			
14,100.00	7,248.46	6,900.00	6,828.84	201.91	32.64	-66.30	-1,905.94	-6,429.39	1,219.10	1,030.95	188.15	6.480			
14,200.00	7,248.68	6,900.00	6,828.84	204.72	32.64	-66.30	-1,905.94	-6,429.39	1,166.09	969.03	197.06	5.917			
14,300.00	7,248.89	6,900.00	6,828.84	207.53	32.64	-66.30	-1,905.94	-6,429.39	1,119.53	913.68	205.84	5.439			
14,400.00	7,249.10	6,900.00	6,828.84	210.35	32.64	-66.30	-1,905.94	-6,429.39	1,080.24	866.06	214.18	5.044			
14,500.00	7,249.32	6,900.00	6,828.84	213.16	32.64	-66.30	-1,905.94	-6,429.39	1,049.04	827.34	221.70	4.732			
14,600.00	7,249.53	6,900.00	6,828.84	215.98	32.64	-66.30	-1,905.94	-6,429.39	1,026.67	798.67	228.00	4.503			
14,700.00	7,249.74	6,900.00	6,828.84	218.80	32.64	-66.30	-1,905.94	-6,429.39	1,013.72	781.00	232.72	4.356			
14,782.14	7,249.92	6,900.00	6,828.84	221.11	32.64	-66.30	-1,905.94	-6,429.39	1,010.39	775.16	235.23	4.295 CC			
14,800.00	7,249.96	6,900.00	6,828.84	221.62	32.64	-66.30	-1,905.94	-6,429.39	1,010.55	774.94	235.61	4.289 ES, SF			
14,900.00	7,250.17	6,900.00	6,828.84	224.44	32.64	-66.30	-1,905.94	-6,429.39	1,017.24	780.70	236.54	4.301			
15,000.00	7,250.38	6,900.00	6,828.84	227.26	32.64	-66.30	-1,905.94	-6,429.39	1,033.61	798.03	235.57	4.388			
15,100.00	7,250.59	6,900.00	6,828.84	230.08	32.64	-66.30	-1,905.94	-6,429.39	1,059.21	826.28	232.92	4.547			
15,200.00	7,250.81	6,900.00	6,828.84	232.90	32.64	-66.30	-1,905.94	-6,429.39	1,093.38	864.49	228.89	4.777			
15,300.00	7,251.02	6,900.00	6,828.84	235.72	32.64	-66.30	-1,905.94	-6,429.39	1,135.37	911.54	223.83	5.072			
15,400.00	7,251.23	6,900.00	6,828.84	238.55	32.64	-66.30	-1,905.94	-6,429.39	1,184.33	966.25	218.08	5.431			
15,500.00	7,251.45	6,900.00	6,828.84	241.37	32.64	-66.30	-1,905.94	-6,429.39	1,239.44	1,027.49	211.95	5.848			
15,600.00	7,251.66	6,900.00	6,828.84	244.20	32.64	-66.30	-1,905.94	-6,429.39	1,299.91	1,094.25	205.66	6.321			
15,700.00	7,251.87	6,900.00	6,828.84	247.03	32.64	-66.30	-1,905.94	-6,429.39	1,365.04	1,165.63	199.41	6.845			
15,800.00	7,252.09	6,900.00	6,828.84	249.85	32.64	-66.30	-1,905.94	-6,429.39	1,434.19	1,240.88	193.32	7.419			
15,900.00	7,252.30	6,900.00	6,828.84	252.68	32.64	-66.30	-1,905.94	-6,429.39	1,506.81	1,319.35	187.46	8.038			
16,000.00	7,252.51	6,900.00	6,828.84	255.51	32.64	-66.30	-1,905.94	-6,429.39	1,582.42	1,400.52	181.90	8.699			
16,100.00	7,252.72	6,900.00	6,828.84	258.34	32.64	-66.30	-1,905.94	-6,429.39	1,660.61	1,483.95	176.66	9.400			
16,200.00	7,252.94	6,900.00	6,828.84	261.17	32.64	-66.30	-1,905.94	-6,429.39	1,741.03	1,569.30	171.73	10.138			
16,300.00	7,253.15	6,900.00	6,828.84	264.00	32.64	-66.30	-1,905.94	-6,429.39	1,823.40	1,656.27	167.13	10.910			
16,400.00	7,253.36	6,900.00	6,828.84	266.83	32.64	-66.30	-1,905.94	-6,429.39	1,907.44	1,744.61	162.83	11.714			
16,500.00	7,253.58	6,900.00	6,828.84	269.66	32.64	-66.30	-1,905.94	-6,429.39	1,992.97	1,834.14	158.82	12.548			
16,600.00	7,253.79	6,900.00	6,828.84	272.50	32.64	-66.30	-1,905.94	-6,429.39	2,079.78	1,924.69	155.09	13.410			
16,700.00	7,254.00	6,900.00	6,828.84	275.33	32.64	-66.30	-1,905.94	-6,429.39	2,167.73	2,016.11	151.62	14.297			
16,800.00	7,254.22	6,900.00	6,828.84	278.16	32.64	-66.30	-1,905.94	-6,429.39	2,256.68	2,108.30	148.39	15.208			
16,900.00	7,254.43	6,900.00	6,828.84	281.00	32.64	-66.30	-1,905.94	-6,429.39	2,346.53	2,201.16	145.37	16.142			
17,000.00	7,254.64	6,900.00	6,828.84	283.83	32.64	-66.30	-1,905.94	-6,429.39	2,437.16	2,294.60	142.56	17.096			
17,100.00	7,254.85	6,900.00	6,828.84	286.67	32.64	-66.30	-1,905.94	-6,429.39	2,528.51	2,388.57	139.94	18.069			
17,200.00	7,255.07	6,900.00	6,828.84	289.50	32.64	-66.30	-1,905.94	-6,429.39	2,620.48	2,482.99	137.49	19.060			
17,300.00	7,255.28	6,900.00	6,828.84	292.34	32.64	-66.30	-1,905.94	-6,429.39	2,713.02	2,577.83	135.19	20.068			
17,400.00	7,255.49	6,900.00	6,828.84	295.17	32.64	-66.30	-1,905.94	-6,429.39	2,806.07	2,673.03	133.05	21.091			
17,500.00	7,255.71	6,900.00	6,828.84	298.01	32.64	-66.30	-1,905.94	-6,429.39	2,899.59	2,768.55	131.04	22.128			
17,600.00	7,255.92	6,900.00	6,828.84	300.85	32.64	-66.30	-1,905.94	-6,429.39	2,993.53	2,864.38	129.15	23.179			
17,700.00	7,256.13	6,900.00	6,828.84	303.68	32.64	-66.30	-1,905.94	-6,429.39	3,087.84	2,960.46	127.38	24.241			
17,800.00	7,256.35	6,900.00	6,828.84	306.52	32.64	-66.30	-1,905.94	-6,429.39	3,182.50	3,056.79	125.71	25.316			
17,900.00	7,256.56	6,900.00	6,828.84	309.36	32.64	-66.30	-1,905.94	-6,429.39	3,277.49	3,153.34	124.15	26.400			
18,000.00	7,256.77	6,900.00	6,828.84	312.20	32.64	-66.30	-1,905.94	-6,429.39	3,372.76	3,250.09	122.67	27.495			
18,100.00	7,256.98	6,900.00	6,828.84	315.04	32.64	-66.30	-1,905.94	-6,429.39	3,468.29	3,347.02	121.28	28.598			
18,200.00	7,257.20	6,900.00	6,828.84	317.88	32.64	-66.30	-1,905.94	-6,429.39	3,564.07	3,444.11	119.96	29.710			
18,300.00	7,257.41	6,900.00	6,828.84	320.72	32.64	-66.30	-1,905.94	-6,429.39	3,660.08	3,541.36	118.72	30.829			
18,400.00	7,257.62	6,900.00	6,828.84	323.56	32.64	-66.30	-1,905.94	-6,429.39	3,756.30	3,638.75	117.55	31.956			
18,500.00	7,257.84	6,900.00	6,828.84	326.40	32.64	-66.30	-1,905.94	-6,429.39	3,852.70	3,736.27	116.44	33.089			
18,600.00	7,258.05	6,900.00	6,828.84	329.24	32.64	-66.30	-1,905.94	-6,429.39	3,949.29	3,833.91	115.38	34.228			
18,700.00	7,258.26	6,900.00	6,828.84	332.08	32.64	-66.30	-1,905.94	-6,429.39	4,046.04	3,931.66	114.39	35.372			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - Harvesters Resources #15R-403(PR) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 800-MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
18,800.00	7,258.48	6,900.00	6,828.84	334.92	32.64	-66.30	-1,905.94	-6,429.39	4,142.95	4,029.51	113.44	36.521		
18,900.00	7,258.69	6,900.00	6,828.84	337.76	32.64	-66.30	-1,905.94	-6,429.39	4,240.00	4,127.46	112.54	37.675		
19,000.00	7,258.90	6,900.00	6,828.84	340.60	32.64	-66.30	-1,905.94	-6,429.39	4,337.19	4,225.50	111.69	38.833		
19,046.19	7,259.00	6,900.00	6,828.84	341.92	32.64	-66.30	-1,905.94	-6,429.39	4,382.12	4,270.81	111.31	39.369		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1500-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-110.62	-2,107.97	-5,601.65	5,985.15					
100.00	100.00	85.00	85.00	3.28	3.29	-110.62	-2,107.97	-5,601.65	5,985.15	5,978.58	6.57	910.982		
200.00	200.00	185.00	185.00	3.34	3.31	-110.62	-2,107.97	-5,601.65	5,985.15	5,978.51	6.64	901.098		
300.00	300.00	285.00	285.00	3.44	3.34	-110.62	-2,107.97	-5,601.65	5,985.15	5,978.37	6.78	882.246		
400.00	399.98	384.98	384.98	3.60	3.39	124.38	-2,107.97	-5,601.65	5,986.14	5,979.15	6.98	857.089		
500.00	499.84	484.84	484.84	3.79	3.45	124.37	-2,107.97	-5,601.65	5,989.10	5,981.86	7.24	827.395		
600.00	599.45	584.45	584.45	4.03	3.52	124.36	-2,107.97	-5,601.65	5,994.03	5,986.48	7.55	794.203		
700.00	698.70	683.70	683.70	4.30	3.61	124.34	-2,107.97	-5,601.65	6,000.94	5,993.03	7.91	759.114		
800.00	797.47	782.47	782.47	4.61	3.70	124.31	-2,107.97	-5,601.65	6,009.84	6,001.53	8.31	723.374		
900.00	895.62	880.62	880.62	4.95	3.81	124.28	-2,107.97	-5,601.65	6,020.72	6,011.97	8.75	687.881		
1,000.00	993.06	1,603.58	1,602.98	5.33	4.98	125.45	-2,101.35	-5,592.71	6,055.28	6,044.98	10.30	587.731		
1,100.00	1,090.08	1,700.87	1,699.70	5.74	5.31	125.66	-2,095.11	-5,584.30	6,059.14	6,048.11	11.02	549.688		
1,200.00	1,187.11	1,801.84	1,796.43	6.17	5.68	125.87	-2,088.88	-5,575.88	6,063.08	6,051.29	11.79	514.216		
1,300.00	1,284.14	1,904.55	1,893.15	6.61	6.08	126.08	-2,082.65	-5,567.46	6,067.11	6,054.51	12.60	481.689		
1,400.00	1,381.17	2,007.26	1,989.88	7.07	6.49	126.29	-2,076.42	-5,559.05	6,071.22	6,057.80	13.43	452.230		
1,500.00	1,478.20	2,109.97	2,086.61	7.55	6.91	126.50	-2,070.19	-5,550.63	6,075.42	6,061.15	14.28	425.592		
1,600.00	1,575.23	2,187.32	2,183.33	8.03	7.23	126.71	-2,063.96	-5,542.21	6,079.70	6,064.66	15.04	404.168		
1,700.00	1,672.26	2,284.62	2,280.06	8.52	7.64	126.92	-2,057.73	-5,533.80	6,084.07	6,068.17	15.90	382.629		
1,800.00	1,769.29	2,381.91	2,376.78	9.01	8.07	127.12	-2,051.50	-5,525.38	6,088.53	6,071.76	16.77	363.049		
1,900.00	1,866.32	2,479.20	2,473.51	9.51	8.49	127.33	-2,045.26	-5,516.97	6,093.06	6,075.41	17.65	345.211		
2,000.00	1,963.35	2,576.49	2,570.24	10.02	8.92	127.54	-2,039.03	-5,508.55	6,097.69	6,079.15	18.54	328.923		
2,100.00	2,060.38	2,673.78	2,666.96	10.53	9.36	127.75	-2,032.80	-5,500.13	6,102.39	6,082.96	19.43	314.011		
2,200.00	2,157.41	2,771.07	2,763.69	11.04	9.80	127.95	-2,026.57	-5,491.72	6,107.18	6,086.85	20.34	300.324		
2,300.00	2,254.44	2,868.36	2,860.42	11.56	10.24	128.16	-2,020.34	-5,483.30	6,112.06	6,090.81	21.24	287.730		
2,400.00	2,351.47	2,965.66	2,957.14	12.07	10.69	128.37	-2,014.11	-5,474.88	6,117.01	6,094.86	22.15	276.113		
2,500.00	2,448.50	3,062.95	3,053.87	12.59	11.14	128.57	-2,007.88	-5,466.47	6,122.05	6,098.98	23.07	265.370		
2,600.00	2,545.53	3,160.24	3,150.59	13.12	11.59	128.78	-2,001.64	-5,458.05	6,127.18	6,103.19	23.99	255.413		
2,700.00	2,642.56	3,257.53	3,247.32	13.64	12.04	128.98	-1,995.41	-5,449.64	6,132.38	6,107.47	24.91	246.162		
2,800.00	2,739.59	3,354.82	3,344.05	14.17	12.49	129.19	-1,989.18	-5,441.22	6,137.67	6,111.83	25.84	237.550		
2,900.00	2,836.62	3,452.11	3,440.77	14.69	12.95	129.39	-1,982.95	-5,432.80	6,143.04	6,116.28	26.77	229.514		
3,000.00	2,933.65	3,549.40	3,537.50	15.22	13.40	129.60	-1,976.72	-5,424.39	6,148.50	6,120.80	27.70	222.003		
3,100.00	3,030.68	3,646.70	3,634.23	15.75	13.86	129.80	-1,970.49	-5,415.97	6,154.03	6,125.40	28.63	214.967		
3,200.00	3,127.71	3,743.99	3,730.95	16.28	14.32	130.00	-1,964.26	-5,407.56	6,159.65	6,130.09	29.56	208.366		
3,300.00	3,224.74	3,841.28	3,827.68	16.82	14.78	130.21	-1,958.03	-5,399.14	6,165.35	6,134.85	30.50	202.161		
3,400.00	3,321.76	3,938.57	3,924.40	17.35	15.24	130.41	-1,951.79	-5,390.72	6,171.13	6,139.69	31.43	196.319		
3,500.00	3,418.79	4,035.86	4,021.13	17.88	15.70	130.61	-1,945.56	-5,382.31	6,176.99	6,144.62	32.37	190.810		
3,600.00	3,515.82	4,133.15	4,117.86	18.42	16.17	130.82	-1,939.33	-5,373.89	6,182.93	6,149.62	33.31	185.608		
3,700.00	3,612.85	4,230.44	4,214.58	18.95	16.63	131.02	-1,933.10	-5,365.47	6,188.95	6,154.70	34.25	180.688		
3,800.00	3,709.88	4,327.74	4,311.31	19.49	17.09	131.22	-1,926.87	-5,357.06	6,195.06	6,159.86	35.19	176.028		
3,900.00	3,806.91	4,425.03	4,408.04	20.02	17.56	131.42	-1,920.64	-5,348.64	6,201.24	6,165.10	36.14	171.610		
4,000.00	3,903.94	4,522.32	4,504.76	20.56	18.02	131.62	-1,914.41	-5,340.23	6,207.50	6,170.43	37.08	167.414		
4,100.00	4,000.97	4,619.61	4,601.49	21.09	18.49	131.82	-1,908.18	-5,331.81	6,213.85	6,175.82	38.02	163.426		
4,200.00	4,098.00	4,716.90	4,698.21	21.63	18.95	132.02	-1,901.94	-5,323.39	6,220.27	6,181.30	38.97	159.631		
4,300.00	4,195.03	4,814.19	4,794.94	22.17	19.42	132.22	-1,895.71	-5,314.98	6,226.77	6,186.86	39.91	156.015		
4,400.00	4,292.06	4,911.48	4,891.67	22.71	19.89	132.42	-1,889.48	-5,306.56	6,233.35	6,192.50	40.86	152.567		
4,500.00	4,389.09	5,008.78	4,988.39	23.25	20.35	132.62	-1,883.25	-5,298.14	6,240.01	6,198.21	41.80	149.274		
4,600.00	4,486.12	5,106.07	5,085.12	23.78	20.82	132.82	-1,877.02	-5,289.73	6,246.75	6,204.00	42.75	146.128		
4,700.00	4,583.15	5,203.36	5,181.85	24.32	21.29	133.02	-1,870.79	-5,281.31	6,253.56	6,209.87	43.69	143.119		
4,800.00	4,680.18	5,300.65	5,278.57	24.86	21.76	133.21	-1,864.56	-5,272.90	6,260.46	6,215.82	44.64	140.237		
4,900.00	4,777.21	5,402.06	5,375.30	25.40	22.25	133.41	-1,858.32	-5,264.48	6,267.43	6,221.82	45.61	137.421		
5,000.00	4,874.24	5,504.77	5,472.02	25.94	22.74	133.61	-1,852.09	-5,256.06	6,274.48	6,227.90	46.58	134.706		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 1500-MWD														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
5,100.00	4,971.27	5,592.52	5,568.75	26.48	23.16	133.80	-1,845.86	-5,247.65	6,281.61	6,234.12	47.48	132.289			
5,200.00	5,068.30	5,689.82	5,665.48	27.02	23.63	134.00	-1,839.63	-5,239.23	6,288.81	6,240.38	48.43	129.849			
5,300.00	5,165.33	5,716.15	5,691.66	27.56	23.76	134.05	-1,837.94	-5,236.95	6,296.49	6,247.44	49.05	128.363			
5,400.00	5,262.36	5,772.54	5,747.77	28.10	24.03	134.16	-1,834.66	-5,232.52	6,304.94	6,255.13	49.81	126.590			
5,500.00	5,359.39	5,800.00	5,775.14	28.64	24.16	134.21	-1,833.30	-5,230.68	6,314.59	6,264.18	50.42	125.242			
5,600.00	5,456.42	5,837.78	5,812.82	29.18	24.32	134.29	-1,831.68	-5,228.50	6,325.31	6,274.23	51.07	123.850			
5,700.00	5,553.45	5,900.00	5,874.95	29.72	24.60	134.40	-1,829.67	-5,225.77	6,337.29	6,285.45	51.84	122.251			
5,800.00	5,650.47	5,900.00	5,874.95	30.27	24.60	134.40	-1,829.67	-5,225.77	6,349.91	6,297.62	52.30	121.423			
5,900.00	5,747.50	5,935.53	5,910.46	30.81	24.75	134.46	-1,828.87	-5,224.70	6,363.79	6,310.87	52.92	120.262			
6,000.00	5,844.53	5,968.06	5,942.98	31.35	24.89	134.51	-1,828.38	-5,224.03	6,378.71	6,325.19	53.52	119.194			
6,100.00	5,941.56	6,000.00	5,974.91	31.89	25.02	134.56	-1,828.11	-5,223.67	6,394.66	6,340.55	54.10	118.191			
6,200.00	6,038.59	6,048.68	6,023.59	32.43	25.21	134.64	-1,828.04	-5,223.58	6,411.61	6,356.84	54.77	117.067			
6,300.00	6,135.62	6,145.71	6,120.62	32.97	25.60	134.79	-1,828.04	-5,223.58	6,428.89	6,373.21	55.68	115.468			
6,400.00	6,232.65	6,242.74	6,217.65	33.51	25.99	134.94	-1,828.04	-5,223.58	6,446.21	6,389.63	56.58	113.923			
6,500.00	6,329.68	6,339.77	6,314.68	34.06	26.37	135.09	-1,828.04	-5,223.58	6,463.58	6,406.09	57.49	112.427			
6,600.00	6,426.71	6,400.00	6,374.90	34.60	26.61	135.18	-1,828.91	-5,223.58	6,481.23	6,423.03	58.20	111.358			
6,655.36	6,480.43	6,400.00	6,374.90	34.90	26.61	135.18	-1,828.91	-5,223.58	6,491.42	6,432.99	58.42	111.111			
6,700.00	6,524.01	6,437.64	6,412.43	35.13	26.73	123.11	-1,831.63	-5,223.58	6,498.18	6,439.42	58.77	110.573			
6,750.00	6,573.29	6,459.23	6,433.89	35.36	26.80	100.66	-1,834.02	-5,223.58	6,502.39	6,443.35	59.04	110.133			
6,800.00	6,622.76	6,500.00	6,474.19	35.56	26.94	70.31	-1,840.19	-5,223.58	6,503.00	6,443.62	59.38	109.513			
6,850.00	6,672.13	6,500.00	6,474.19	35.73	26.94	44.88	-1,840.19	-5,223.58	6,499.82	6,440.32	59.50	109.249			
6,900.00	6,721.08	6,500.00	6,474.19	35.88	26.94	29.31	-1,840.19	-5,223.58	6,493.16	6,433.57	59.58	108.979			
6,950.00	6,769.31	6,545.00	6,518.21	36.03	27.07	20.04	-1,849.49	-5,223.58	6,482.68	6,422.83	59.85	108.314			
7,000.00	6,816.53	6,565.48	6,538.05	36.18	27.13	14.12	-1,854.57	-5,223.58	6,468.75	6,408.76	59.99	107.828			
7,050.00	6,862.44	6,600.00	6,571.15	36.34	27.23	9.98	-1,864.34	-5,223.58	6,451.39	6,391.21	60.18	107.198			
7,100.00	6,906.77	6,600.00	6,571.15	36.50	27.23	6.96	-1,864.34	-5,223.58	6,430.56	6,370.37	60.20	106.822			
7,150.00	6,949.23	6,600.00	6,571.15	36.68	27.23	4.57	-1,864.34	-5,223.58	6,406.59	6,346.39	60.20	106.418			
7,200.00	6,989.58	6,639.24	6,608.20	36.87	27.32	2.43	-1,877.24	-5,223.58	6,379.30	6,318.93	60.37	105.667			
7,250.00	7,027.55	6,655.07	6,622.96	37.09	27.36	0.55	-1,882.99	-5,223.59	6,349.11	6,288.68	60.43	105.068			
7,300.00	7,062.91	6,669.68	6,636.47	37.32	27.39	-1.26	-1,888.56	-5,223.59	6,316.09	6,255.62	60.47	104.444			
7,350.00	7,095.45	6,700.00	6,664.14	37.59	27.47	-3.19	-1,900.94	-5,223.59	6,280.48	6,219.89	60.59	103.660			
7,400.00	7,124.97	6,700.00	6,664.14	37.88	27.47	-5.09	-1,900.94	-5,223.59	6,242.31	6,181.75	60.56	103.079			
7,450.00	7,151.28	6,700.00	6,664.14	38.21	27.47	-7.24	-1,900.94	-5,223.59	6,201.94	6,141.42	60.53	102.464			
7,500.00	7,174.22	6,700.00	6,664.14	38.58	27.47	-9.80	-1,900.94	-5,223.59	6,159.60	6,099.10	60.50	101.815			
7,550.00	7,193.65	6,700.00	6,664.14	38.98	27.47	-13.02	-1,900.94	-5,223.59	6,115.50	6,055.02	60.47	101.132			
7,600.00	7,209.45	6,728.72	6,689.88	39.43	27.53	-17.80	-1,913.66	-5,223.59	6,069.70	6,009.11	60.59	100.180			
7,650.00	7,221.52	6,733.48	6,694.10	39.91	27.53	-24.11	-1,915.87	-5,223.59	6,022.74	5,962.14	60.60	99.389			
7,700.00	7,229.79	6,736.75	6,696.99	40.42	27.54	-33.54	-1,917.39	-5,223.59	5,974.78	5,914.17	60.61	98.579			
7,750.00	7,234.21	6,738.51	6,698.55	40.97	27.54	-48.15	-1,918.22	-5,223.59	5,926.10	5,865.48	60.62	97.752			
7,780.56	7,235.00	6,738.85	6,698.85	41.32	27.55	-60.52	-1,918.38	-5,223.59	5,896.12	5,835.48	60.64	97.238			
7,800.00	7,235.04	6,738.89	6,698.88	41.54	27.55	-60.52	-1,918.40	-5,223.59	5,877.01	5,816.37	60.64	96.910			
7,900.00	7,235.26	6,739.06	6,699.03	42.82	27.55	-60.53	-1,918.48	-5,223.59	5,778.76	5,718.07	60.69	95.218			
8,000.00	7,235.47	6,739.24	6,699.19	44.25	27.55	-60.54	-1,918.57	-5,223.59	5,680.56	5,619.82	60.75	93.513			
8,100.00	7,235.68	6,739.42	6,699.35	45.82	27.55	-60.55	-1,918.65	-5,223.59	5,582.43	5,521.62	60.81	91.794			
8,200.00	7,235.90	6,739.60	6,699.50	47.52	27.55	-60.56	-1,918.74	-5,223.59	5,484.37	5,423.47	60.90	90.061			
8,300.00	7,236.11	6,739.78	6,699.66	49.34	27.55	-60.57	-1,918.82	-5,223.59	5,386.38	5,325.39	60.99	88.313			
8,400.00	7,236.32	6,739.95	6,699.82	51.25	27.55	-60.58	-1,918.90	-5,223.59	5,288.47	5,227.36	61.10	86.550			
8,500.00	7,236.54	6,740.13	6,699.98	53.26	27.55	-60.59	-1,918.99	-5,223.59	5,190.63	5,129.40	61.23	84.772			
8,600.00	7,236.75	6,740.31	6,700.13	55.34	27.55	-60.60	-1,919.07	-5,223.59	5,092.88	5,031.50	61.38	82.979			
8,700.00	7,236.96	6,740.49	6,700.29	57.50	27.55	-60.61	-1,919.16	-5,223.59	4,995.21	4,933.67	61.54	81.169			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Harvesters Resources #15U-203(PR) - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 1500-MWD													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	6,740.67	6,700.45	59.71	27.55	-60.62	-1,919.24	-5,223.59	4,897.65	4,835.92	61.73	79.344		
8,900.00	7,237.39	6,740.85	6,700.60	61.98	27.55	-60.63	-1,919.33	-5,223.59	4,800.18	4,738.24	61.94	77.502		
9,000.00	7,237.60	6,741.02	6,700.76	64.29	27.55	-60.64	-1,919.41	-5,223.59	4,702.82	4,640.65	62.17	75.645		
9,100.00	7,237.81	6,741.20	6,700.92	66.65	27.55	-60.65	-1,919.50	-5,223.59	4,605.57	4,543.14	62.43	73.771		
9,200.00	7,238.03	6,741.38	6,701.08	69.05	27.55	-60.65	-1,919.58	-5,223.59	4,508.44	4,445.72	62.72	71.881		
9,300.00	7,238.24	6,741.56	6,701.23	71.48	27.55	-60.66	-1,919.67	-5,223.59	4,411.44	4,348.39	63.04	69.975		
9,400.00	7,238.45	6,741.74	6,701.39	73.95	27.55	-60.67	-1,919.75	-5,223.59	4,314.57	4,251.17	63.40	68.053		
9,500.00	7,238.67	6,741.92	6,701.55	76.44	27.55	-60.68	-1,919.84	-5,223.59	4,217.86	4,154.06	63.79	66.116		
9,600.00	7,238.88	6,742.10	6,701.71	78.96	27.55	-60.69	-1,919.92	-5,223.59	4,121.30	4,057.07	64.23	64.164		
9,700.00	7,239.09	6,742.28	6,701.86	81.50	27.55	-60.70	-1,920.01	-5,223.59	4,024.90	3,960.19	64.71	62.199		
9,800.00	7,239.30	6,742.46	6,702.02	84.06	27.55	-60.71	-1,920.09	-5,223.59	3,928.69	3,863.45	65.24	60.221		
9,900.00	7,239.52	6,742.64	6,702.18	86.64	27.55	-60.72	-1,920.18	-5,223.59	3,832.67	3,766.85	65.82	58.230		
10,000.00	7,239.73	6,742.81	6,702.34	89.23	27.55	-60.73	-1,920.26	-5,223.59	3,736.86	3,670.41	66.46	56.230		
10,100.00	7,239.94	6,742.99	6,702.49	91.85	27.55	-60.74	-1,920.35	-5,223.59	3,641.28	3,574.12	67.16	54.221		
10,200.00	7,240.16	6,743.17	6,702.65	94.47	27.55	-60.75	-1,920.43	-5,223.59	3,545.94	3,478.01	67.92	52.205		
10,300.00	7,240.37	6,743.35	6,702.81	97.11	27.55	-60.76	-1,920.52	-5,223.59	3,450.86	3,382.10	68.76	50.184		
10,400.00	7,240.58	6,743.53	6,702.97	99.76	27.55	-60.77	-1,920.60	-5,223.59	3,356.07	3,286.39	69.68	48.161		
10,500.00	7,240.80	6,743.71	6,703.13	102.43	27.56	-60.78	-1,920.69	-5,223.59	3,261.59	3,190.90	70.69	46.139		
10,600.00	7,241.01	6,743.89	6,703.28	105.10	27.56	-60.79	-1,920.78	-5,223.59	3,167.45	3,095.66	71.79	44.120		
10,700.00	7,241.22	6,744.07	6,703.44	107.79	27.56	-60.80	-1,920.86	-5,223.59	3,073.68	3,000.68	73.00	42.107		
10,800.00	7,241.43	6,744.25	6,703.60	110.48	27.56	-60.81	-1,920.95	-5,223.59	2,980.31	2,906.00	74.31	40.106		
10,900.00	7,241.65	6,744.43	6,703.76	113.18	27.56	-60.82	-1,921.03	-5,223.59	2,887.39	2,811.64	75.75	38.118		
11,000.00	7,241.86	6,744.61	6,703.92	115.89	27.56	-60.83	-1,921.12	-5,223.59	2,794.96	2,717.64	77.32	36.148		
11,100.00	7,242.07	6,744.79	6,704.07	118.60	27.56	-60.83	-1,921.21	-5,223.59	2,703.07	2,624.03	79.03	34.202		
11,200.00	7,242.29	6,744.97	6,704.23	121.32	27.56	-60.84	-1,921.29	-5,223.59	2,611.77	2,530.86	80.90	32.282		
11,300.00	7,242.50	6,745.15	6,704.39	124.05	27.56	-60.85	-1,921.38	-5,223.59	2,521.13	2,438.18	82.95	30.394		
11,400.00	7,242.71	6,745.33	6,704.55	126.78	27.56	-60.86	-1,921.47	-5,223.59	2,431.22	2,346.05	85.18	28.543		
11,500.00	7,242.93	6,745.51	6,704.71	129.52	27.56	-60.87	-1,921.55	-5,223.59	2,342.14	2,254.53	87.61	26.733		
11,600.00	7,243.14	6,745.69	6,704.87	132.27	27.56	-60.88	-1,921.64	-5,223.59	2,253.97	2,163.70	90.27	24.969		
11,700.00	7,243.35	6,745.87	6,705.02	135.02	27.56	-60.89	-1,921.72	-5,223.59	2,166.83	2,073.66	93.17	23.257		
11,800.00	7,243.57	6,746.05	6,705.18	137.77	27.56	-60.90	-1,921.81	-5,223.59	2,080.84	1,984.51	96.33	21.601		
11,900.00	7,243.78	6,746.23	6,705.34	140.53	27.56	-60.91	-1,921.90	-5,223.59	1,996.16	1,896.39	99.78	20.006		
12,000.00	7,243.99	6,746.42	6,705.50	143.29	27.56	-60.92	-1,921.99	-5,223.59	1,912.96	1,809.43	103.53	18.477		
12,100.00	7,244.20	6,746.60	6,705.66	146.05	27.56	-60.93	-1,922.07	-5,223.59	1,831.45	1,723.83	107.62	17.018		
12,200.00	7,244.42	6,746.78	6,705.82	148.82	27.56	-60.94	-1,922.16	-5,223.59	1,751.84	1,639.79	112.05	15.634		
12,300.00	7,244.63	6,746.96	6,705.97	151.60	27.56	-60.95	-1,922.25	-5,223.59	1,674.43	1,557.57	116.86	14.328		
12,400.00	7,244.84	6,747.14	6,706.13	154.37	27.56	-60.96	-1,922.33	-5,223.59	1,599.53	1,477.47	122.05	13.105		
12,500.00	7,245.06	6,747.32	6,706.29	157.15	27.56	-60.97	-1,922.42	-5,223.59	1,527.50	1,399.86	127.64	11.968		
12,600.00	7,245.27	6,747.50	6,706.45	159.93	27.56	-60.98	-1,922.51	-5,223.59	1,458.77	1,325.17	133.60	10.919		
12,700.00	7,245.48	6,747.68	6,706.61	162.71	27.56	-60.99	-1,922.59	-5,223.59	1,393.83	1,253.90	139.93	9.961		
12,800.00	7,245.70	6,747.86	6,706.77	165.50	27.56	-61.00	-1,922.68	-5,223.59	1,333.24	1,186.68	146.56	9.097		
12,900.00	7,245.91	6,748.05	6,706.93	168.29	27.56	-61.01	-1,922.77	-5,223.59	1,277.61	1,124.20	153.41	8.328		
13,000.00	7,246.12	6,748.23	6,707.09	171.08	27.56	-61.02	-1,922.86	-5,223.59	1,227.62	1,067.26	160.36	7.655		
13,100.00	7,246.33	6,748.41	6,707.25	173.87	27.56	-61.03	-1,922.94	-5,223.59	1,183.98	1,016.75	167.23	7.080		
13,200.00	7,246.55	6,748.59	6,707.40	176.67	27.57	-61.04	-1,923.03	-5,223.59	1,147.42	973.60	173.82	6.601		
13,300.00	7,246.76	6,748.77	6,707.56	179.47	27.57	-61.05	-1,923.12	-5,223.59	1,118.63	938.76	179.87	6.219		
13,400.00	7,246.97	6,748.95	6,707.72	182.27	27.57	-61.05	-1,923.21	-5,223.59	1,098.23	913.10	185.13	5.932		
13,500.00	7,247.19	6,749.13	6,707.88	185.07	27.57	-61.06	-1,923.30	-5,223.59	1,086.67	897.32	189.35	5.739		
13,576.20	7,247.35	6,749.27	6,708.00	187.20	27.57	-61.07	-1,923.36	-5,223.59	1,084.00	892.24	191.76	5.653 CC		
13,600.00	7,247.40	6,749.32	6,708.04	187.87	27.57	-61.07	-1,923.38	-5,223.59	1,084.26	891.90	192.36	5.637 ES		
13,700.00	7,247.61	6,749.50	6,708.20	190.68	27.57	-61.08	-1,923.47	-5,223.59	1,091.05	896.99	194.05	5.622 SF		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 1500-MWD														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,800.00	7,247.83	6,749.68	6,708.36	193.48	27.57	-61.09	-1,923.56	-5,223.59	1,106.86	912.43	194.43	5.693			
13,900.00	7,248.04	6,749.86	6,708.52	196.29	27.57	-61.10	-1,923.65	-5,223.59	1,131.33	937.75	193.57	5.844			
14,000.00	7,248.25	6,750.04	6,708.68	199.10	27.57	-61.11	-1,923.74	-5,223.59	1,163.90	972.24	191.66	6.073			
14,100.00	7,248.46	6,750.23	6,708.84	201.91	27.57	-61.12	-1,923.82	-5,223.59	1,203.92	1,015.03	188.89	6.374			
14,200.00	7,248.68	6,750.41	6,709.00	204.72	27.57	-61.13	-1,923.91	-5,223.59	1,250.67	1,065.19	185.49	6.743			
14,300.00	7,248.89	6,750.59	6,709.16	207.53	27.57	-61.14	-1,924.00	-5,223.59	1,303.43	1,121.79	181.64	7.176			
14,400.00	7,249.10	6,750.77	6,709.32	210.35	27.57	-61.15	-1,924.09	-5,223.59	1,361.51	1,183.97	177.54	7.669			
14,500.00	7,249.32	6,750.96	6,709.47	213.16	27.57	-61.16	-1,924.18	-5,223.59	1,424.24	1,250.92	173.32	8.217			
14,600.00	7,249.53	6,751.14	6,709.63	215.98	27.57	-61.17	-1,924.27	-5,223.59	1,491.05	1,321.95	169.09	8.818			
14,700.00	7,249.74	6,751.32	6,709.79	218.80	27.57	-61.18	-1,924.36	-5,223.59	1,561.40	1,396.47	164.93	9.467			
14,800.00	7,249.96	6,751.50	6,709.95	221.62	27.57	-61.19	-1,924.44	-5,223.59	1,634.85	1,473.95	160.90	10.160			
14,900.00	7,250.17	6,751.69	6,710.11	224.44	27.57	-61.20	-1,924.53	-5,223.59	1,710.99	1,553.96	157.04	10.896			
15,000.00	7,250.38	6,751.87	6,710.27	227.26	27.57	-61.21	-1,924.62	-5,223.59	1,789.48	1,636.13	153.35	11.669			
15,100.00	7,250.59	6,752.05	6,710.43	230.08	27.57	-61.22	-1,924.71	-5,223.59	1,870.03	1,720.17	149.86	12.479			
15,200.00	7,250.81	6,752.24	6,710.59	232.90	27.57	-61.23	-1,924.80	-5,223.59	1,952.37	1,805.81	146.56	13.321			
15,300.00	7,251.02	6,752.42	6,710.75	235.72	27.57	-61.24	-1,924.89	-5,223.59	2,036.30	1,892.84	143.46	14.194			
15,400.00	7,251.23	6,752.60	6,710.91	238.55	27.57	-61.25	-1,924.98	-5,223.59	2,121.62	1,981.08	140.54	15.096			
15,500.00	7,251.45	6,752.78	6,711.07	241.37	27.57	-61.26	-1,925.07	-5,223.59	2,208.18	2,070.37	137.81	16.024			
15,600.00	7,251.66	6,752.97	6,711.23	244.20	27.57	-61.27	-1,925.16	-5,223.59	2,295.82	2,160.58	135.24	16.976			
15,700.00	7,251.87	6,753.15	6,711.39	247.03	27.57	-61.28	-1,925.25	-5,223.59	2,384.44	2,251.61	132.83	17.951			
15,800.00	7,252.09	6,753.33	6,711.55	249.85	27.57	-61.29	-1,925.34	-5,223.59	2,473.93	2,343.35	130.57	18.947			
15,900.00	7,252.30	6,753.52	6,711.71	252.68	27.57	-61.30	-1,925.43	-5,223.59	2,564.19	2,435.74	128.45	19.962			
16,000.00	7,252.51	6,753.70	6,711.87	255.51	27.58	-61.31	-1,925.52	-5,223.59	2,655.15	2,528.69	126.47	20.995			
16,100.00	7,252.72	6,753.89	6,712.03	258.34	27.58	-61.32	-1,925.61	-5,223.59	2,746.74	2,622.14	124.60	22.045			
16,200.00	7,252.94	6,754.07	6,712.19	261.17	27.58	-61.33	-1,925.70	-5,223.59	2,838.90	2,716.05	122.84	23.110			
16,300.00	7,253.15	6,754.25	6,712.35	264.00	27.58	-61.33	-1,925.79	-5,223.59	2,931.57	2,810.38	121.19	24.189			
16,400.00	7,253.36	6,754.44	6,712.51	266.83	27.58	-61.34	-1,925.88	-5,223.59	3,024.71	2,905.07	119.64	25.282			
16,500.00	7,253.58	6,754.62	6,712.67	269.66	27.58	-61.35	-1,925.97	-5,223.59	3,118.27	3,000.09	118.18	26.386			
16,600.00	7,253.79	6,754.80	6,712.83	272.50	27.58	-61.36	-1,926.06	-5,223.59	3,212.22	3,095.42	116.80	27.502			
16,700.00	7,254.00	6,754.99	6,712.99	275.33	27.58	-61.37	-1,926.15	-5,223.59	3,306.53	3,191.03	115.50	28.629			
16,800.00	7,254.22	6,755.17	6,713.15	278.16	27.58	-61.38	-1,926.24	-5,223.59	3,401.16	3,286.89	114.27	29.764			
16,900.00	7,254.43	6,755.36	6,713.31	281.00	27.58	-61.39	-1,926.33	-5,223.59	3,496.09	3,382.98	113.11	30.909			
17,000.00	7,254.64	6,755.54	6,713.48	283.83	27.58	-61.40	-1,926.42	-5,223.59	3,591.29	3,479.28	112.01	32.062			
17,100.00	7,254.85	6,755.73	6,713.64	286.67	27.58	-61.41	-1,926.51	-5,223.59	3,686.75	3,575.78	110.97	33.222			
17,200.00	7,255.07	6,755.91	6,713.80	289.50	27.58	-61.42	-1,926.60	-5,223.59	3,782.44	3,672.46	109.99	34.389			
17,300.00	7,255.28	6,756.09	6,713.96	292.34	27.58	-61.43	-1,926.69	-5,223.59	3,878.36	3,769.30	109.06	35.563			
17,400.00	7,255.49	6,756.28	6,714.12	295.17	27.58	-61.44	-1,926.78	-5,223.59	3,974.47	3,866.30	108.17	36.742			
17,500.00	7,255.71	6,756.46	6,714.28	298.01	27.58	-61.45	-1,926.87	-5,223.59	4,070.77	3,963.44	107.33	37.927			
17,600.00	7,255.92	6,756.65	6,714.44	300.85	27.58	-61.46	-1,926.96	-5,223.59	4,167.24	4,060.71	106.54	39.116			
17,700.00	7,256.13	6,756.83	6,714.60	303.68	27.58	-61.47	-1,927.05	-5,223.59	4,263.88	4,158.10	105.78	40.310			
17,800.00	7,256.35	6,757.02	6,714.76	306.52	27.58	-61.48	-1,927.14	-5,223.59	4,360.67	4,255.61	105.06	41.507			
17,900.00	7,256.56	6,757.20	6,714.92	309.36	27.58	-61.49	-1,927.23	-5,223.59	4,457.60	4,353.22	104.37	42.708			
18,000.00	7,256.77	6,757.39	6,715.08	312.20	27.58	-61.50	-1,927.32	-5,223.59	4,554.66	4,450.94	103.72	43.913			
18,100.00	7,256.98	6,757.57	6,715.24	315.04	27.58	-61.51	-1,927.42	-5,223.59	4,651.85	4,548.75	103.10	45.120			
18,200.00	7,257.20	6,757.76	6,715.40	317.88	27.58	-61.52	-1,927.51	-5,223.59	4,749.15	4,646.64	102.51	46.329			
18,300.00	7,257.41	6,757.94	6,715.57	320.72	27.58	-61.53	-1,927.60	-5,223.59	4,846.56	4,744.62	101.94	47.541			
18,400.00	7,257.62	6,758.13	6,715.73	323.56	27.58	-61.54	-1,927.69	-5,223.59	4,944.08	4,842.67	101.41	48.755			
18,500.00	7,257.84	6,758.31	6,715.89	326.40	27.58	-61.55	-1,927.78	-5,223.59	5,041.69	4,940.80	100.89	49.970			
18,600.00	7,258.05	6,758.50	6,716.05	329.24	27.59	-61.56	-1,927.87	-5,223.59	5,139.40	5,039.00	100.40	51.187			
18,700.00	7,258.26	6,758.68	6,716.21	332.08	27.59	-61.57	-1,927.97	-5,223.59	5,237.19	5,137.26	99.94	52.405			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - Harvesters Resources #15U-203(PR) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 1500-MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
18,800.00	7,258.48	6,758.87	6,716.37	334.92	27.59	-61.58	-1,928.06	-5,223.59	5,335.07	5,235.58	99.49	53.624		
18,900.00	7,258.69	6,759.05	6,716.53	337.76	27.59	-61.59	-1,928.15	-5,223.59	5,433.02	5,333.96	99.06	54.844		
19,000.00	7,258.90	6,759.24	6,716.69	340.60	27.59	-61.60	-1,928.24	-5,223.59	5,531.04	5,432.39	98.66	56.064		
19,046.19	7,259.00	6,759.33	6,716.77	341.92	27.59	-61.60	-1,928.28	-5,223.59	5,576.34	5,477.87	98.47	56.627		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 2000-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-110.52	-2,107.96	-5,632.25	6,013.79					
100.00	100.00	85.00	85.00	3.28	3.29	-110.52	-2,107.96	-5,632.25	6,013.79	6,007.22	6.57	915.341		
200.00	200.00	185.00	185.00	3.34	3.31	-110.52	-2,107.96	-5,632.25	6,013.79	6,007.15	6.64	905.410		
300.00	300.00	285.00	285.00	3.44	3.34	-110.52	-2,107.96	-5,632.25	6,013.79	6,007.01	6.78	886.468		
400.00	399.98	384.98	384.98	3.60	3.39	124.48	-2,107.96	-5,632.25	6,014.78	6,007.80	6.98	861.189		
500.00	499.84	484.84	484.84	3.79	3.45	124.47	-2,107.96	-5,632.25	6,017.75	6,010.51	7.24	831.352		
600.00	599.45	584.45	584.45	4.03	3.52	124.46	-2,107.96	-5,632.25	6,022.69	6,015.15	7.55	798.000		
700.00	698.70	683.70	683.70	4.30	3.61	124.44	-2,107.96	-5,632.25	6,029.62	6,021.72	7.91	762.741		
800.00	797.47	782.47	782.47	4.61	3.70	124.41	-2,107.96	-5,632.25	6,038.54	6,030.23	8.31	726.828		
900.00	895.62	880.62	880.62	4.95	3.81	124.38	-2,107.96	-5,632.25	6,049.46	6,040.70	8.75	691.165		
1,000.00	993.06	978.06	978.06	5.33	3.92	124.33	-2,107.96	-5,632.25	6,062.38	6,053.14	9.24	656.357		
1,100.00	1,090.08	1,075.08	1,075.08	5.74	4.04	124.52	-2,107.96	-5,632.25	6,076.33	6,066.58	9.75	623.045		
1,200.00	1,187.11	1,172.11	1,172.11	6.17	4.17	124.70	-2,107.96	-5,632.25	6,090.36	6,080.06	10.29	591.643		
1,300.00	1,284.14	1,269.14	1,269.14	6.61	4.30	124.89	-2,107.96	-5,632.25	6,104.44	6,093.58	10.86	562.209		
1,400.00	1,381.17	1,366.17	1,366.17	7.07	4.44	125.07	-2,107.96	-5,632.25	6,118.59	6,107.15	11.44	534.798		
1,500.00	1,478.20	1,463.20	1,463.20	7.55	4.59	125.25	-2,107.96	-5,632.25	6,132.80	6,120.76	12.04	509.370		
1,600.00	1,575.23	1,560.23	1,560.23	8.03	4.74	125.43	-2,107.96	-5,632.25	6,147.08	6,134.42	12.65	485.831		
1,700.00	1,672.26	1,657.26	1,657.26	8.52	4.90	125.61	-2,107.96	-5,632.25	6,161.41	6,148.14	13.28	464.063		
1,800.00	1,769.29	1,754.29	1,754.29	9.01	5.06	125.79	-2,107.96	-5,632.25	6,175.81	6,161.90	13.91	443.932		
1,900.00	1,866.32	1,851.32	1,851.32	9.51	5.22	125.97	-2,107.96	-5,632.25	6,190.27	6,175.71	14.55	425.307		
2,000.00	1,963.35	1,948.35	1,948.35	10.02	5.39	126.14	-2,107.96	-5,632.25	6,204.79	6,189.58	15.21	408.059		
2,100.00	2,060.38	2,045.38	2,045.38	10.53	5.70	126.36	-2,107.29	-5,632.37	6,219.30	6,203.30	16.01	388.510		
2,200.00	2,157.41	2,142.41	2,142.41	11.04	6.19	126.65	-2,101.43	-5,633.46	6,233.40	6,216.42	16.99	366.981		
2,300.00	2,254.44	2,239.44	2,239.44	11.56	6.63	126.95	-2,091.42	-5,635.32	6,247.10	6,229.18	17.92	348.517		
2,400.00	2,351.47	2,336.47	2,336.47	12.07	7.00	127.20	-2,082.36	-5,637.00	6,260.82	6,242.03	18.79	333.204		
2,500.00	2,448.50	2,433.50	2,433.50	12.59	7.38	127.46	-2,073.31	-5,638.67	6,274.66	6,255.00	19.67	319.072		
2,600.00	2,545.53	2,530.53	2,530.53	13.12	7.77	127.71	-2,064.26	-5,640.35	6,288.64	6,268.09	20.55	306.013		
2,700.00	2,642.56	2,627.56	2,627.56	13.64	8.16	127.95	-2,055.20	-5,642.03	6,302.74	6,281.29	21.44	293.931		
2,800.00	2,739.59	2,724.59	2,724.59	14.17	8.56	128.20	-2,046.15	-5,643.71	6,316.96	6,294.62	22.34	282.736		
2,900.00	2,836.62	2,821.62	2,821.62	14.69	8.97	128.45	-2,037.10	-5,645.39	6,331.31	6,308.07	23.25	272.346		
3,000.00	2,933.65	2,918.65	2,918.65	15.22	9.38	128.69	-2,028.05	-5,647.07	6,345.79	6,321.63	24.16	262.685		
3,100.00	3,030.68	3,015.68	3,015.68	15.75	9.79	128.94	-2,018.99	-5,648.75	6,360.39	6,335.32	25.07	253.688		
3,200.00	3,127.71	3,112.71	3,112.71	16.28	10.21	129.18	-2,009.94	-5,650.43	6,375.11	6,349.12	25.99	245.293		
3,300.00	3,224.74	3,209.74	3,209.74	16.82	10.63	129.42	-2,000.89	-5,652.11	6,389.95	6,363.04	26.91	237.447		
3,400.00	3,321.76	3,306.76	3,306.76	17.35	11.05	129.66	-1,991.83	-5,653.79	6,404.91	6,377.08	27.84	230.102		
3,500.00	3,418.79	3,403.79	3,403.79	17.88	11.48	129.91	-1,982.78	-5,655.47	6,420.00	6,391.24	28.76	223.213		
3,600.00	3,515.82	3,500.82	3,500.82	18.42	11.90	130.14	-1,973.73	-5,657.15	6,435.20	6,405.51	29.69	216.743		
3,700.00	3,612.85	3,597.85	3,597.85	18.95	12.33	130.38	-1,964.67	-5,658.83	6,450.52	6,419.90	30.62	210.657		
3,800.00	3,709.88	3,694.88	3,694.88	19.49	12.76	130.62	-1,955.62	-5,660.50	6,465.96	6,434.41	31.55	204.922		
3,900.00	3,806.91	3,791.91	3,791.91	20.02	13.20	130.86	-1,946.57	-5,662.18	6,481.52	6,449.03	32.49	199.512		
4,000.00	3,903.94	3,888.94	3,888.94	20.56	13.63	131.09	-1,937.51	-5,663.86	6,497.19	6,463.77	33.42	194.400		
4,100.00	4,000.97	3,985.97	3,985.97	21.09	14.06	131.32	-1,928.46	-5,665.54	6,512.98	6,478.62	34.36	189.563		
4,200.00	4,098.00	4,083.00	4,083.00	21.63	14.50	131.56	-1,919.41	-5,667.22	6,528.88	6,493.58	35.29	184.982		
4,300.00	4,195.03	4,180.03	4,180.03	22.17	14.94	131.79	-1,910.35	-5,668.90	6,544.89	6,508.66	36.23	180.637		
4,400.00	4,292.06	4,277.06	4,277.06	22.71	15.37	132.02	-1,901.30	-5,670.58	6,561.02	6,523.85	37.17	176.510		
4,500.00	4,389.09	4,374.09	4,374.09	23.25	15.81	132.25	-1,892.25	-5,672.26	6,577.25	6,539.15	38.11	172.587		
4,600.00	4,486.12	4,471.12	4,471.12	23.78	16.30	132.48	-1,883.19	-5,673.94	6,593.60	6,554.51	39.09	168.660		
4,700.00	4,583.15	4,568.15	4,568.15	24.32	16.79	132.71	-1,874.14	-5,675.62	6,610.06	6,569.98	40.08	164.916		
4,800.00	4,680.18	4,665.18	4,665.18	24.86	17.13	132.93	-1,865.09	-5,677.30	6,626.63	6,585.70	40.93	161.904		
4,900.00	4,777.21	4,762.21	4,762.21	25.40	17.58	133.16	-1,856.03	-5,678.98	6,643.31	6,601.44	41.87	158.665		
5,000.00	4,874.24	4,859.24	4,859.24	25.94	18.02	133.38	-1,846.98	-5,680.65	6,660.09	6,617.28	42.81	155.571		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Harvesters Resources #15U-443(PR) - OH - OH		Offset Site Error: 0.00 ft	
Survey Program: 2000-MWD													Offset Well Error: 3.28 ft			
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor				
5,100.00	4,971.27	4,969.62	4,956.50	26.48	18.46	133.61	-1,838.14	-5,682.30	6,676.98	6,633.23	43.75	152.619				
5,200.00	5,068.30	5,065.56	5,052.21	27.02	18.89	133.81	-1,831.69	-5,683.49	6,693.97	6,649.29	44.68	149.822				
5,300.00	5,165.33	5,163.00	5,149.59	27.56	19.31	133.98	-1,828.38	-5,684.11	6,711.02	6,665.42	45.60	147.168				
5,400.00	5,262.36	5,260.77	5,247.36	28.10	19.72	134.13	-1,827.94	-5,684.19	6,728.11	6,681.59	46.51	144.650				
5,500.00	5,359.39	5,357.80	5,344.39	28.64	20.12	134.28	-1,827.94	-5,684.19	6,745.23	6,697.81	47.42	142.246				
5,600.00	5,456.42	5,454.83	5,441.42	29.18	20.52	134.42	-1,827.94	-5,684.19	6,762.40	6,714.08	48.33	139.932				
5,700.00	5,553.45	5,551.86	5,538.45	29.72	20.93	134.57	-1,827.94	-5,684.19	6,779.62	6,730.39	49.23	137.705				
5,800.00	5,650.47	5,648.89	5,635.47	30.27	21.33	134.71	-1,827.94	-5,684.19	6,796.87	6,746.73	50.14	135.559				
5,900.00	5,747.50	5,745.91	5,732.50	30.81	21.74	134.85	-1,827.94	-5,684.19	6,814.17	6,763.13	51.05	133.490				
6,000.00	5,844.53	5,842.94	5,829.53	31.35	22.14	134.99	-1,827.94	-5,684.19	6,831.51	6,779.56	51.95	131.493				
6,100.00	5,941.56	5,939.97	5,926.56	31.89	22.55	135.14	-1,827.94	-5,684.19	6,848.89	6,796.03	52.86	129.566				
6,200.00	6,038.59	6,037.00	6,023.59	32.43	22.95	135.28	-1,827.94	-5,684.19	6,866.32	6,812.55	53.77	127.705				
6,300.00	6,135.62	6,134.03	6,120.62	32.97	23.36	135.42	-1,827.94	-5,684.19	6,883.78	6,829.11	54.67	125.906				
6,400.00	6,232.65	6,231.06	6,217.65	33.51	23.76	135.55	-1,827.94	-5,684.19	6,901.28	6,845.70	55.58	124.167				
6,500.00	6,329.68	6,328.09	6,314.68	34.06	24.17	135.69	-1,827.94	-5,684.19	6,918.83	6,862.34	56.49	122.484				
6,600.00	6,426.71	6,425.12	6,411.71	34.60	24.57	135.83	-1,827.94	-5,684.19	6,936.41	6,879.02	57.39	120.856				
6,655.36	6,480.43	6,478.84	6,465.43	34.90	24.80	135.91	-1,827.94	-5,684.19	6,946.17	6,888.27	57.90	119.976				
6,700.00	6,524.01	6,522.42	6,509.01	35.13	24.98	123.85	-1,827.94	-5,684.19	6,952.51	6,894.21	58.30	119.263				
6,750.00	6,573.29	6,571.70	6,558.29	35.36	25.19	101.44	-1,827.94	-5,684.19	6,955.96	6,897.23	58.73	118.443				
6,800.00	6,622.76	6,556.36	6,542.91	35.56	25.10	71.06	-1,829.63	-5,684.19	6,956.07	6,897.27	58.80	118.298				
6,850.00	6,672.13	6,600.00	6,586.35	35.73	25.27	45.63	-1,833.77	-5,684.19	6,952.40	6,893.26	59.14	117.562				
6,900.00	6,721.08	6,600.00	6,586.35	35.88	25.27	30.06	-1,833.77	-5,684.19	6,944.90	6,885.65	59.25	117.218				
6,950.00	6,769.31	6,600.00	6,586.35	36.03	25.27	20.83	-1,833.77	-5,684.19	6,933.94	6,874.60	59.33	116.863				
7,000.00	6,816.53	6,642.42	6,628.28	36.18	25.40	14.93	-1,840.16	-5,684.18	6,919.25	6,859.68	59.58	116.143				
7,050.00	6,862.44	6,662.80	6,648.28	36.34	25.47	10.86	-1,844.06	-5,684.18	6,901.15	6,841.44	59.71	115.575				
7,100.00	6,906.77	6,700.00	6,684.50	36.50	25.58	7.80	-1,852.55	-5,684.18	6,879.72	6,819.81	59.90	114.845				
7,150.00	6,949.23	6,700.00	6,684.50	36.68	25.58	5.43	-1,852.55	-5,684.18	6,854.90	6,794.97	59.93	114.384				
7,200.00	6,989.58	6,700.00	6,684.50	36.87	25.58	3.43	-1,852.55	-5,684.18	6,827.06	6,767.12	59.94	113.897				
7,250.00	7,027.55	6,735.35	6,718.49	37.09	25.68	1.56	-1,862.24	-5,684.18	6,796.11	6,736.03	60.08	113.114				
7,300.00	7,062.91	6,750.67	6,733.08	37.32	25.72	-0.18	-1,866.92	-5,684.18	6,762.41	6,702.27	60.14	112.448				
7,350.00	7,095.45	6,764.67	6,746.33	37.59	25.76	-1.95	-1,871.46	-5,684.18	6,726.08	6,665.89	60.18	111.760				
7,400.00	7,124.97	6,800.00	6,779.36	37.88	25.86	-3.98	-1,883.98	-5,684.18	6,687.41	6,627.10	60.31	110.882				
7,450.00	7,151.28	6,800.00	6,779.36	38.21	25.86	-6.09	-1,883.98	-5,684.18	6,646.37	6,586.08	60.29	110.231				
7,500.00	7,174.22	6,800.00	6,779.36	38.58	25.86	-8.63	-1,883.98	-5,684.18	6,603.40	6,543.12	60.28	109.550				
7,550.00	7,193.65	6,800.00	6,779.36	38.98	25.86	-11.86	-1,883.98	-5,684.18	6,558.71	6,498.45	60.26	108.838				
7,600.00	7,209.45	6,800.00	6,779.36	39.43	25.86	-16.26	-1,883.98	-5,684.18	6,512.57	6,452.32	60.25	108.096				
7,650.00	7,221.52	6,800.00	6,779.36	39.91	25.86	-22.65	-1,883.98	-5,684.18	6,465.22	6,404.98	60.24	107.325				
7,700.00	7,229.79	6,800.00	6,779.36	40.42	25.86	-32.61	-1,883.98	-5,684.18	6,416.93	6,356.69	60.24	106.526				
7,750.00	7,234.21	6,800.00	6,779.36	40.97	25.86	-48.98	-1,883.98	-5,684.18	6,367.97	6,307.73	60.25	105.699				
7,780.56	7,235.00	6,800.00	6,779.36	41.32	25.86	-63.41	-1,883.98	-5,684.18	6,337.85	6,277.60	60.26	105.181				
7,800.00	7,235.04	6,800.00	6,779.36	41.54	25.86	-63.41	-1,883.98	-5,684.18	6,318.67	6,258.40	60.26	104.849				
7,900.00	7,235.26	6,800.00	6,779.36	42.82	25.86	-63.41	-1,883.98	-5,684.18	6,219.98	6,159.68	60.31	103.139				
8,000.00	7,235.47	6,800.00	6,779.36	44.25	25.86	-63.41	-1,883.98	-5,684.18	6,121.34	6,060.99	60.36	101.417				
8,100.00	7,235.68	6,800.00	6,779.36	45.82	25.86	-63.41	-1,883.98	-5,684.18	6,022.75	5,962.33	60.42	99.682				
8,200.00	7,235.90	6,800.00	6,779.36	47.52	25.86	-63.41	-1,883.98	-5,684.18	5,924.20	5,863.71	60.49	97.935				
8,300.00	7,236.11	6,824.57	6,801.97	49.34	25.92	-64.80	-1,893.58	-5,684.17	5,825.58	5,764.89	60.69	95.987				
8,400.00	7,236.32	6,824.74	6,802.13	51.25	25.92	-64.81	-1,893.65	-5,684.17	5,727.13	5,666.34	60.79	94.211				
8,500.00	7,236.54	6,824.91	6,802.28	53.26	25.92	-64.82	-1,893.71	-5,684.17	5,628.74	5,567.83	60.90	92.421				
8,600.00	7,236.75	6,825.07	6,802.43	55.34	25.92	-64.83	-1,893.78	-5,684.17	5,530.40	5,469.37	61.03	90.618				
8,700.00	7,236.96	6,825.24	6,802.58	57.50	25.92	-64.84	-1,893.85	-5,684.17	5,432.12	5,370.95	61.17	88.801				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 2000-MWD														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,800.00	7,237.17	6,825.41	6,802.74	59.71	25.92	-64.85	-1,893.92	-5,684.17	5,333.91	5,272.58	61.33	86.970			
8,900.00	7,237.39	6,825.58	6,802.89	61.98	25.93	-64.86	-1,893.99	-5,684.17	5,235.76	5,174.25	61.51	85.124			
9,000.00	7,237.60	6,825.74	6,803.04	64.29	25.93	-64.86	-1,894.05	-5,684.17	5,137.69	5,075.98	61.70	83.265			
9,100.00	7,237.81	6,825.91	6,803.20	66.65	25.93	-64.87	-1,894.12	-5,684.17	5,039.69	4,977.77	61.92	81.390			
9,200.00	7,238.03	6,826.08	6,803.35	69.05	25.93	-64.88	-1,894.19	-5,684.17	4,941.77	4,879.61	62.16	79.502			
9,300.00	7,238.24	6,826.25	6,803.50	71.48	25.93	-64.89	-1,894.26	-5,684.17	4,843.94	4,781.52	62.42	77.598			
9,400.00	7,238.45	6,826.42	6,803.66	73.95	25.93	-64.90	-1,894.33	-5,684.17	4,746.20	4,683.48	62.71	75.681			
9,500.00	7,238.67	6,826.58	6,803.81	76.44	25.93	-64.91	-1,894.40	-5,684.17	4,648.55	4,585.52	63.03	73.749			
9,600.00	7,238.88	6,826.75	6,803.97	78.96	25.93	-64.92	-1,894.46	-5,684.17	4,551.00	4,487.62	63.38	71.803			
9,700.00	7,239.09	6,826.92	6,804.12	81.50	25.93	-64.93	-1,894.53	-5,684.17	4,453.57	4,389.80	63.76	69.844			
9,800.00	7,239.30	6,827.09	6,804.27	84.06	25.93	-64.94	-1,894.60	-5,684.17	4,356.25	4,292.07	64.18	67.872			
9,900.00	7,239.52	6,827.26	6,804.43	86.64	25.93	-64.95	-1,894.67	-5,684.17	4,259.05	4,194.41	64.64	65.888			
10,000.00	7,239.73	6,827.43	6,804.58	89.23	25.93	-64.96	-1,894.74	-5,684.17	4,161.99	4,096.85	65.14	63.892			
10,100.00	7,239.94	6,827.59	6,804.73	91.85	25.93	-64.97	-1,894.81	-5,684.17	4,065.07	3,999.39	65.69	61.886			
10,200.00	7,240.16	6,827.76	6,804.89	94.47	25.93	-64.98	-1,894.88	-5,684.17	3,968.30	3,902.02	66.28	59.870			
10,300.00	7,240.37	6,827.93	6,805.04	97.11	25.93	-64.99	-1,894.95	-5,684.17	3,871.70	3,804.77	66.93	57.846			
10,400.00	7,240.58	6,828.10	6,805.20	99.76	25.93	-65.00	-1,895.02	-5,684.17	3,775.28	3,707.64	67.64	55.815			
10,500.00	7,240.80	6,828.27	6,805.35	102.43	25.93	-65.01	-1,895.09	-5,684.17	3,679.04	3,610.63	68.41	53.780			
10,600.00	7,241.01	6,828.44	6,805.50	105.10	25.93	-65.02	-1,895.15	-5,684.17	3,583.01	3,513.76	69.25	51.741			
10,700.00	7,241.22	6,828.61	6,805.66	107.79	25.93	-65.03	-1,895.22	-5,684.17	3,487.21	3,417.04	70.16	49.702			
10,800.00	7,241.43	6,828.78	6,805.81	110.48	25.93	-65.04	-1,895.29	-5,684.17	3,391.64	3,320.49	71.16	47.665			
10,900.00	7,241.65	6,828.95	6,805.97	113.18	25.93	-65.05	-1,895.36	-5,684.17	3,296.34	3,224.10	72.24	45.631			
11,000.00	7,241.86	6,829.11	6,806.12	115.89	25.93	-65.06	-1,895.43	-5,684.17	3,201.33	3,127.91	73.42	43.605			
11,100.00	7,242.07	6,829.28	6,806.27	118.60	25.93	-65.06	-1,895.50	-5,684.17	3,106.63	3,031.93	74.70	41.589			
11,200.00	7,242.29	6,829.45	6,806.43	121.32	25.94	-65.07	-1,895.57	-5,684.17	3,012.27	2,936.18	76.09	39.586			
11,300.00	7,242.50	6,829.62	6,806.58	124.05	25.94	-65.08	-1,895.64	-5,684.17	2,918.29	2,840.67	77.61	37.601			
11,400.00	7,242.71	6,829.79	6,806.74	126.78	25.94	-65.09	-1,895.71	-5,684.17	2,824.72	2,745.45	79.27	35.636			
11,500.00	7,242.93	6,829.96	6,806.89	129.52	25.94	-65.10	-1,895.78	-5,684.17	2,731.60	2,650.54	81.07	33.696			
11,600.00	7,243.14	6,830.13	6,807.05	132.27	25.94	-65.11	-1,895.85	-5,684.17	2,638.99	2,555.97	83.03	31.785			
11,700.00	7,243.35	6,830.30	6,807.20	135.02	25.94	-65.12	-1,895.92	-5,684.17	2,546.94	2,461.78	85.16	29.907			
11,800.00	7,243.57	6,830.47	6,807.36	137.77	25.94	-65.13	-1,895.99	-5,684.17	2,455.51	2,368.02	87.49	28.066			
11,900.00	7,243.78	6,830.64	6,807.51	140.53	25.94	-65.14	-1,896.06	-5,684.17	2,364.78	2,274.75	90.03	26.267			
12,000.00	7,243.99	6,830.81	6,807.66	143.29	25.94	-65.15	-1,896.13	-5,684.17	2,274.82	2,182.02	92.80	24.514			
12,100.00	7,244.20	6,830.98	6,807.82	146.05	25.94	-65.16	-1,896.20	-5,684.17	2,185.74	2,089.92	95.82	22.812			
12,200.00	7,244.42	6,831.15	6,807.97	148.82	25.94	-65.17	-1,896.27	-5,684.17	2,097.64	1,998.52	99.11	21.164			
12,300.00	7,244.63	6,831.32	6,808.13	151.60	25.94	-65.18	-1,896.34	-5,684.17	2,010.65	1,907.94	102.71	19.576			
12,400.00	7,244.84	6,831.49	6,808.28	154.37	25.94	-65.19	-1,896.41	-5,684.17	1,924.92	1,818.29	106.63	18.052			
12,500.00	7,245.06	6,831.66	6,808.44	157.15	25.94	-65.20	-1,896.48	-5,684.17	1,840.64	1,729.73	110.91	16.596			
12,600.00	7,245.27	6,831.83	6,808.59	159.93	25.94	-65.21	-1,896.55	-5,684.17	1,758.01	1,642.43	115.58	15.211			
12,700.00	7,245.48	6,832.00	6,808.75	162.71	25.94	-65.22	-1,896.62	-5,684.17	1,677.27	1,556.61	120.65	13.902			
12,800.00	7,245.70	6,832.17	6,808.90	165.50	25.94	-65.23	-1,896.69	-5,684.17	1,598.70	1,472.54	126.17	12.671			
12,900.00	7,245.91	6,832.34	6,809.06	168.29	25.94	-65.24	-1,896.76	-5,684.17	1,522.66	1,390.52	132.14	11.523			
13,000.00	7,246.12	6,832.51	6,809.21	171.08	25.94	-65.25	-1,896.84	-5,684.17	1,449.52	1,310.95	138.57	10.460			
13,100.00	7,246.33	6,832.68	6,809.37	173.87	25.94	-65.26	-1,896.91	-5,684.17	1,379.76	1,234.30	145.46	9.485			
13,200.00	7,246.55	6,832.85	6,809.52	176.67	25.94	-65.27	-1,896.98	-5,684.17	1,313.91	1,161.14	152.78	8.600			
13,300.00	7,246.76	6,833.02	6,809.68	179.47	25.94	-65.28	-1,897.05	-5,684.17	1,252.60	1,092.15	160.44	7.807			
13,400.00	7,246.97	6,833.20	6,809.84	182.27	25.94	-65.29	-1,897.12	-5,684.17	1,196.51	1,028.16	168.34	7.108			
13,500.00	7,247.19	6,833.37	6,809.99	185.07	25.95	-65.30	-1,897.19	-5,684.17	1,146.41	970.10	176.31	6.502			
13,600.00	7,247.40	6,833.54	6,810.15	187.87	25.95	-65.31	-1,897.26	-5,684.17	1,103.12	919.03	184.09	5.992			
13,700.00	7,247.61	6,833.71	6,810.30	190.68	25.95	-65.32	-1,897.33	-5,684.17	1,067.48	876.07	191.41	5.577			
13,800.00	7,247.83	6,833.88	6,810.46	193.48	25.95	-65.32	-1,897.40	-5,684.17	1,040.26	842.34	197.92	5.256			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 2000-MWD														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,900.00	7,248.04	6,834.05	6,810.61	196.29	25.95	-65.33	-1,897.48	-5,684.17	1,022.14	818.85	203.29	5.028			
14,000.00	7,248.25	6,834.22	6,810.77	199.10	25.95	-65.34	-1,897.55	-5,684.17	1,013.61	806.38	207.22	4.891			
14,036.86	7,248.33	6,834.28	6,810.83	200.13	25.95	-65.35	-1,897.57	-5,684.17	1,012.94	804.67	208.27	4.864 CC, ES			
14,100.00	7,248.46	6,834.39	6,810.92	201.91	25.95	-65.35	-1,897.62	-5,684.17	1,014.90	805.37	209.53	4.844 SF			
14,200.00	7,248.68	6,834.56	6,811.08	204.72	25.95	-65.36	-1,897.69	-5,684.17	1,025.99	815.83	210.16	4.882			
14,300.00	7,248.89	6,834.74	6,811.24	207.53	25.95	-65.37	-1,897.76	-5,684.17	1,046.56	837.36	209.19	5.003			
14,400.00	7,249.10	6,834.91	6,811.39	210.35	25.95	-65.38	-1,897.83	-5,684.17	1,076.06	869.22	206.84	5.202			
14,500.00	7,249.32	6,835.08	6,811.55	213.16	25.95	-65.39	-1,897.90	-5,684.17	1,113.79	910.43	203.36	5.477			
14,600.00	7,249.53	6,835.25	6,811.70	215.98	25.95	-65.40	-1,897.98	-5,684.17	1,158.95	959.89	199.06	5.822			
14,700.00	7,249.74	6,835.42	6,811.86	218.80	25.95	-65.41	-1,898.05	-5,684.17	1,210.70	1,016.48	194.22	6.234			
14,800.00	7,249.96	6,835.59	6,812.02	221.62	25.95	-65.42	-1,898.12	-5,684.17	1,268.23	1,079.15	189.08	6.707			
14,900.00	7,250.17	6,835.77	6,812.17	224.44	25.95	-65.43	-1,898.19	-5,684.17	1,330.80	1,146.98	183.82	7.240			
15,000.00	7,250.38	6,835.94	6,812.33	227.26	25.95	-65.44	-1,898.26	-5,684.17	1,397.74	1,219.14	178.60	7.826			
15,100.00	7,250.59	6,836.11	6,812.48	230.08	25.95	-65.45	-1,898.34	-5,684.17	1,468.43	1,294.92	173.51	8.463			
15,200.00	7,250.81	6,836.28	6,812.64	232.90	25.95	-65.46	-1,898.41	-5,684.17	1,542.37	1,373.76	168.62	9.147			
15,300.00	7,251.02	6,836.45	6,812.80	235.72	25.95	-65.47	-1,898.48	-5,684.17	1,619.12	1,455.16	163.96	9.875			
15,400.00	7,251.23	6,836.63	6,812.95	238.55	25.95	-65.48	-1,898.55	-5,684.17	1,698.29	1,538.73	159.56	10.644			
15,500.00	7,251.45	6,836.80	6,813.11	241.37	25.95	-65.49	-1,898.62	-5,684.17	1,779.55	1,624.13	155.42	11.450			
15,600.00	7,251.66	6,836.97	6,813.26	244.20	25.95	-65.50	-1,898.70	-5,684.17	1,862.64	1,711.10	151.54	12.291			
15,700.00	7,251.87	6,837.14	6,813.42	247.03	25.95	-65.51	-1,898.77	-5,684.17	1,947.32	1,799.40	147.92	13.165			
15,800.00	7,252.09	6,837.32	6,813.58	249.85	25.96	-65.52	-1,898.84	-5,684.17	2,033.39	1,888.86	144.53	14.069			
15,900.00	7,252.30	6,837.49	6,813.73	252.68	25.96	-65.53	-1,898.91	-5,684.17	2,120.68	1,979.31	141.38	15.000			
16,000.00	7,252.51	6,837.66	6,813.89	255.51	25.96	-65.54	-1,898.99	-5,684.17	2,209.06	2,070.62	138.43	15.958			
16,100.00	7,252.72	6,837.83	6,814.05	258.34	25.96	-65.55	-1,899.06	-5,684.17	2,298.38	2,162.70	135.68	16.939			
16,200.00	7,252.94	6,838.01	6,814.20	261.17	25.96	-65.56	-1,899.13	-5,684.17	2,388.55	2,255.43	133.12	17.943			
16,300.00	7,253.15	6,838.18	6,814.36	264.00	25.96	-65.57	-1,899.21	-5,684.17	2,479.48	2,348.75	130.72	18.967			
16,400.00	7,253.36	6,838.35	6,814.52	266.83	25.96	-65.58	-1,899.28	-5,684.17	2,571.07	2,442.59	128.49	20.011			
16,500.00	7,253.58	6,838.52	6,814.67	269.66	25.96	-65.59	-1,899.35	-5,684.17	2,663.28	2,536.89	126.39	21.072			
16,600.00	7,253.79	6,838.70	6,814.83	272.50	25.96	-65.60	-1,899.43	-5,684.17	2,756.03	2,631.59	124.43	22.149			
16,700.00	7,254.00	6,838.87	6,814.99	275.33	25.96	-65.61	-1,899.50	-5,684.17	2,849.26	2,726.67	122.59	23.242			
16,800.00	7,254.22	6,839.04	6,815.14	278.16	25.96	-65.62	-1,899.57	-5,684.17	2,942.94	2,822.07	120.87	24.348			
16,900.00	7,254.43	6,839.22	6,815.30	281.00	25.96	-65.63	-1,899.64	-5,684.17	3,037.03	2,917.78	119.25	25.467			
17,000.00	7,254.64	6,839.39	6,815.46	283.83	25.96	-65.64	-1,899.72	-5,684.17	3,131.48	3,013.75	117.73	26.599			
17,100.00	7,254.85	6,839.56	6,815.62	286.67	25.96	-65.65	-1,899.79	-5,684.17	3,226.27	3,109.97	116.30	27.741			
17,200.00	7,255.07	6,839.74	6,815.77	289.50	25.96	-65.66	-1,899.86	-5,684.17	3,321.36	3,206.41	114.95	28.894			
17,300.00	7,255.28	6,839.91	6,815.93	292.34	25.96	-65.67	-1,899.94	-5,684.17	3,416.73	3,303.05	113.68	30.055			
17,400.00	7,255.49	6,840.08	6,816.09	295.17	25.96	-65.68	-1,900.01	-5,684.17	3,512.36	3,399.88	112.48	31.226			
17,500.00	7,255.71	6,840.26	6,816.24	298.01	25.96	-65.69	-1,900.09	-5,684.17	3,608.22	3,496.88	111.35	32.404			
17,600.00	7,255.92	6,840.43	6,816.40	300.85	25.96	-65.70	-1,900.16	-5,684.17	3,704.31	3,594.03	110.28	33.590			
17,700.00	7,256.13	6,840.61	6,816.56	303.68	25.96	-65.71	-1,900.23	-5,684.17	3,800.60	3,691.33	109.27	34.783			
17,800.00	7,256.35	6,840.78	6,816.72	306.52	25.96	-65.72	-1,900.31	-5,684.17	3,897.07	3,788.76	108.31	35.981			
17,900.00	7,256.56	6,840.95	6,816.87	309.36	25.96	-65.72	-1,900.38	-5,684.17	3,993.72	3,886.32	107.40	37.185			
18,000.00	7,256.77	6,841.13	6,817.03	312.20	25.96	-65.73	-1,900.45	-5,684.17	4,090.53	3,983.99	106.54	38.394			
18,100.00	7,256.98	6,841.30	6,817.19	315.04	25.97	-65.74	-1,900.53	-5,684.17	4,187.48	4,081.76	105.72	39.608			
18,200.00	7,257.20	6,841.48	6,817.35	317.88	25.97	-65.75	-1,900.60	-5,684.17	4,284.58	4,179.63	104.95	40.826			
18,300.00	7,257.41	6,841.65	6,817.50	320.72	25.97	-65.76	-1,900.68	-5,684.17	4,381.81	4,277.60	104.21	42.047			
18,400.00	7,257.62	6,841.82	6,817.66	323.56	25.97	-65.77	-1,900.75	-5,684.17	4,479.16	4,375.65	103.51	43.272			
18,500.00	7,257.84	6,842.00	6,817.82	326.40	25.97	-65.78	-1,900.83	-5,684.17	4,576.63	4,473.78	102.85	44.500			
18,600.00	7,258.05	6,842.17	6,817.98	329.24	25.97	-65.79	-1,900.90	-5,684.17	4,674.20	4,571.99	102.21	45.730			
18,700.00	7,258.26	6,842.35	6,818.14	332.08	25.97	-65.80	-1,900.97	-5,684.17	4,771.87	4,670.26	101.61	46.963			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - Harvesters Resources #15U-443(PR) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 2000-MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
18,800.00	7,258.48	6,842.52	6,818.29	334.92	25.97	-65.81	-1,901.05	-5,684.17	4,869.64	4,768.60	101.04	48.197		
18,900.00	7,258.69	6,842.70	6,818.45	337.76	25.97	-65.82	-1,901.12	-5,684.17	4,967.49	4,867.01	100.49	49.434		
19,000.00	7,258.90	6,842.87	6,818.61	340.60	25.97	-65.83	-1,901.20	-5,684.17	5,065.43	4,965.47	99.97	50.671		
19,046.19	7,259.00	6,842.95	6,818.68	341.92	25.97	-65.84	-1,901.23	-5,684.17	5,110.70	5,010.96	99.73	51.243		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - J.R. #1(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-10.81	1,448.48	-276.69	1,477.66					
100.00	100.00	6.00	6.00	3.28	3.28	-10.81	1,448.48	-276.69	1,474.67	1,468.10	6.57	224.579		
200.00	200.00	106.00	106.00	3.34	3.82	-10.81	1,448.48	-276.69	1,474.67	1,467.51	7.16	206.091		
300.00	300.00	206.00	206.00	3.44	6.36	-10.81	1,448.48	-276.69	1,474.67	1,464.87	9.80	150.441 CC		
400.00	399.98	305.98	305.98	3.60	9.52	-135.84	1,448.48	-276.69	1,475.92	1,462.81	13.12	112.522 ES		
500.00	499.84	405.84	405.84	3.79	12.85	-135.93	1,448.48	-276.69	1,479.68	1,463.04	16.64	88.927		
600.00	599.45	505.45	505.45	4.03	16.23	-136.08	1,448.48	-276.69	1,485.96	1,465.70	20.26	73.340		
700.00	698.70	604.70	604.70	4.30	19.64	-136.28	1,448.48	-276.69	1,494.79	1,470.85	23.94	62.443		
800.00	797.47	703.47	703.47	4.61	23.05	-136.53	1,448.48	-276.69	1,506.18	1,478.54	27.65	54.476		
900.00	895.62	801.62	801.62	4.95	26.44	-136.83	1,448.48	-276.69	1,520.19	1,488.81	31.38	48.449		
1,000.00	993.06	900.94	899.06	5.33	29.89	-137.17	1,448.48	-276.69	1,536.84	1,501.66	35.18	43.685		
1,100.00	1,090.08	1,003.92	996.08	5.74	33.46	-137.76	1,448.48	-276.69	1,554.91	1,515.77	39.13	39.734		
1,200.00	1,187.11	1,106.89	1,093.11	6.17	37.04	-138.35	1,448.48	-276.69	1,573.14	1,530.04	43.10	36.497		
1,300.00	1,284.14	1,209.86	1,190.14	6.61	40.62	-138.92	1,448.48	-276.69	1,591.53	1,544.44	47.09	33.797		
1,400.00	1,381.17	1,287.17	1,287.17	7.07	43.31	-139.48	1,448.48	-276.69	1,610.08	1,559.88	50.20	32.075		
1,500.00	1,478.20	1,384.20	1,384.20	7.55	46.69	-140.02	1,448.48	-276.69	1,628.78	1,574.77	54.00	30.162		
1,600.00	1,575.23	1,481.23	1,481.23	8.03	50.07	-140.56	1,448.48	-276.69	1,647.61	1,589.80	57.81	28.499		
1,700.00	1,672.26	1,578.26	1,578.26	8.52	53.45	-141.08	1,448.48	-276.69	1,666.59	1,604.96	61.63	27.041		
1,800.00	1,769.29	1,675.29	1,675.29	9.01	56.83	-141.59	1,448.48	-276.69	1,685.70	1,620.24	65.46	25.753		
1,900.00	1,866.32	1,772.32	1,772.32	9.51	60.22	-142.09	1,448.48	-276.69	1,704.94	1,635.65	69.29	24.607		
2,000.00	1,963.35	1,869.35	1,869.35	10.02	63.60	-142.58	1,448.48	-276.69	1,724.30	1,651.18	73.12	23.582		
2,100.00	2,060.38	1,966.38	1,966.38	10.53	66.98	-143.06	1,448.48	-276.69	1,743.79	1,666.83	76.95	22.660		
2,200.00	2,157.41	2,063.41	2,063.41	11.04	70.36	-143.53	1,448.48	-276.69	1,763.39	1,682.59	80.79	21.826		
2,300.00	2,254.44	2,160.44	2,160.44	11.56	73.75	-143.98	1,448.48	-276.69	1,783.10	1,698.46	84.63	21.068		
2,400.00	2,351.47	2,257.47	2,257.47	12.07	77.13	-144.43	1,448.48	-276.69	1,802.92	1,714.44	88.48	20.377		
2,500.00	2,448.50	2,354.50	2,354.50	12.59	80.52	-144.87	1,448.48	-276.69	1,822.85	1,730.53	92.32	19.744		
2,600.00	2,545.53	2,451.53	2,451.53	13.12	83.90	-145.30	1,448.48	-276.69	1,842.88	1,746.71	96.17	19.163		
2,700.00	2,642.56	2,548.56	2,548.56	13.64	87.29	-145.72	1,448.48	-276.69	1,863.01	1,762.99	100.02	18.627		
2,800.00	2,739.59	2,645.59	2,645.59	14.17	90.67	-146.13	1,448.48	-276.69	1,883.23	1,779.37	103.86	18.132		
2,900.00	2,836.62	2,742.62	2,742.62	14.69	94.06	-146.53	1,448.48	-276.69	1,903.55	1,795.84	107.71	17.672		
3,000.00	2,933.65	2,839.65	2,839.65	15.22	97.44	-146.92	1,448.48	-276.69	1,923.96	1,812.39	111.56	17.245		
3,100.00	3,030.68	2,936.68	2,936.68	15.75	100.83	-147.31	1,448.48	-276.69	1,944.45	1,829.04	115.41	16.847		
3,200.00	3,127.71	3,033.71	3,033.71	16.28	104.21	-147.69	1,448.48	-276.69	1,965.03	1,845.76	119.27	16.476		
3,300.00	3,224.74	3,130.74	3,130.74	16.82	107.60	-148.06	1,448.48	-276.69	1,985.69	1,862.57	123.12	16.128		
3,400.00	3,321.76	3,227.76	3,227.76	17.35	110.98	-148.42	1,448.48	-276.69	2,006.43	1,879.46	126.97	15.802		
3,500.00	3,418.79	3,324.79	3,324.79	17.88	114.37	-148.77	1,448.48	-276.69	2,027.24	1,896.42	130.82	15.496		
3,600.00	3,515.82	3,421.82	3,421.82	18.42	117.76	-149.12	1,448.48	-276.69	2,048.13	1,913.46	134.68	15.208		
3,700.00	3,612.85	3,518.85	3,518.85	18.95	121.14	-149.46	1,448.48	-276.69	2,069.09	1,930.56	138.53	14.936		
3,800.00	3,709.88	3,615.88	3,615.88	19.49	124.53	-149.80	1,448.48	-276.69	2,090.12	1,947.74	142.38	14.680		
3,900.00	3,806.91	3,712.91	3,712.91	20.02	127.91	-150.13	1,448.48	-276.69	2,111.22	1,964.99	146.24	14.437		
4,000.00	3,903.94	3,809.94	3,809.94	20.56	131.30	-150.45	1,448.48	-276.69	2,132.39	1,982.30	150.09	14.207		
4,100.00	4,000.97	3,906.97	3,906.97	21.09	134.69	-150.76	1,448.48	-276.69	2,153.61	1,999.67	153.94	13.990		
4,200.00	4,098.00	4,004.00	4,004.00	21.63	138.07	-151.07	1,448.48	-276.69	2,174.90	2,017.11	157.80	13.783		
4,300.00	4,195.03	4,101.03	4,101.03	22.17	141.46	-151.38	1,448.48	-276.69	2,196.25	2,034.60	161.65	13.586		
4,400.00	4,292.06	4,201.94	4,198.06	22.71	144.98	-151.67	1,448.48	-276.69	2,217.66	2,052.02	165.64	13.388		
4,500.00	4,389.09	4,304.91	4,295.09	23.25	148.58	-151.96	1,448.48	-276.69	2,239.13	2,069.42	169.70	13.194		
4,600.00	4,486.12	4,407.88	4,392.12	23.78	152.17	-152.25	1,448.48	-276.69	2,260.65	2,086.88	173.77	13.010		
4,700.00	4,583.15	4,489.15	4,489.15	24.32	155.01	-152.53	1,448.48	-276.69	2,282.22	2,105.15	177.07	12.889		
4,800.00	4,680.18	4,586.18	4,586.18	24.86	158.39	-152.81	1,448.48	-276.69	2,303.85	2,122.92	180.92	12.734		
4,900.00	4,777.21	4,683.21	4,683.21	25.40	161.78	-153.08	1,448.48	-276.69	2,325.52	2,140.74	184.78	12.585		
5,000.00	4,874.24	4,780.24	4,780.24	25.94	165.17	-153.34	1,448.48	-276.69	2,347.25	2,158.61	188.63	12.443		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - J.R. #1(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	4,877.27	4,877.27	26.48	168.55	-153.61	1,448.48	-276.69	2,369.02	2,176.53	192.49	12.307		
5,200.00	5,068.30	4,974.30	4,974.30	27.02	171.94	-153.86	1,448.48	-276.69	2,390.84	2,194.50	196.34	12.177		
5,300.00	5,165.33	5,071.33	5,071.33	27.56	175.33	-154.11	1,448.48	-276.69	2,412.71	2,212.51	200.20	12.052		
5,400.00	5,262.36	5,168.36	5,168.36	28.10	178.71	-154.36	1,448.48	-276.69	2,434.61	2,230.56	204.05	11.931		
5,500.00	5,359.39	5,265.39	5,265.39	28.64	182.10	-154.60	1,448.48	-276.69	2,456.57	2,248.66	207.91	11.816		
5,600.00	5,456.42	5,362.42	5,362.42	29.18	185.49	-154.84	1,448.48	-276.69	2,478.56	2,266.80	211.76	11.704		
5,700.00	5,553.45	5,459.45	5,459.45	29.72	188.87	-155.08	1,448.48	-276.69	2,500.59	2,284.97	215.62	11.597		
5,800.00	5,650.47	5,556.47	5,556.47	30.27	192.26	-155.31	1,448.48	-276.69	2,522.67	2,303.19	219.47	11.494		
5,900.00	5,747.50	5,653.50	5,653.50	30.81	195.65	-155.53	1,448.48	-276.69	2,544.78	2,321.45	223.33	11.395		
6,000.00	5,844.53	5,750.53	5,750.53	31.35	199.03	-155.76	1,448.48	-276.69	2,566.93	2,339.74	227.19	11.299		
6,100.00	5,941.56	5,847.56	5,847.56	31.89	202.42	-155.97	1,448.48	-276.69	2,589.12	2,358.08	231.04	11.206		
6,200.00	6,038.59	5,944.59	5,944.59	32.43	205.81	-156.19	1,448.48	-276.69	2,611.34	2,376.44	234.90	11.117		
6,300.00	6,135.62	6,041.62	6,041.62	32.97	209.19	-156.40	1,448.48	-276.69	2,633.60	2,394.84	238.75	11.031		
6,400.00	6,232.65	6,138.65	6,138.65	33.51	212.58	-156.61	1,448.48	-276.69	2,655.89	2,413.28	242.61	10.947		
6,500.00	6,329.68	6,235.68	6,235.68	34.06	215.97	-156.81	1,448.48	-276.69	2,678.21	2,431.75	246.46	10.867		
6,600.00	6,426.71	6,332.71	6,332.71	34.60	219.35	-157.01	1,448.48	-276.69	2,700.56	2,450.25	250.32	10.788		
6,655.36	6,480.43	6,386.43	6,386.43	34.90	221.23	-157.12	1,448.48	-276.69	2,712.96	2,460.50	252.45	10.746		
6,700.00	6,524.01	6,430.01	6,430.01	35.13	222.75	-170.10	1,448.48	-276.69	2,722.16	2,467.98	254.18	10.710		
6,750.00	6,573.29	6,479.29	6,479.29	35.36	224.47	166.74	1,448.48	-276.69	2,730.54	2,474.42	256.12	10.661		
6,800.00	6,622.76	6,528.76	6,528.76	35.56	226.20	135.98	1,448.48	-276.69	2,736.84	2,478.79	258.05	10.606		
6,850.00	6,672.13	6,578.13	6,578.13	35.73	227.92	110.40	1,448.48	-276.69	2,741.03	2,481.07	259.96	10.544		
6,900.00	6,721.08	6,627.08	6,627.08	35.88	229.63	94.98	1,448.48	-276.69	2,743.12	2,481.26	261.86	10.476		
6,950.00	6,769.31	6,675.31	6,675.31	36.03	231.31	86.15	1,448.48	-276.69	2,743.11	2,479.39	263.72	10.401		
7,000.00	6,816.53	6,722.53	6,722.53	36.18	232.96	80.94	1,448.48	-276.69	2,741.06	2,475.51	265.55	10.322		
7,050.00	6,862.44	6,768.44	6,768.44	36.34	234.56	77.82	1,448.48	-276.69	2,737.04	2,469.70	267.34	10.238		
7,100.00	6,906.77	6,812.77	6,812.77	36.50	236.11	76.03	1,448.48	-276.69	2,731.13	2,462.06	269.07	10.150		
7,150.00	6,949.23	6,855.23	6,855.23	36.68	237.59	75.13	1,448.48	-276.69	2,723.44	2,452.69	270.75	10.059		
7,200.00	6,989.58	6,904.42	6,895.58	36.87	239.31	74.88	1,448.48	-276.69	2,714.10	2,441.43	272.67	9.954		
7,250.00	7,027.55	6,933.55	6,933.55	37.09	240.33	75.12	1,448.48	-276.69	2,703.26	2,429.34	273.92	9.869		
7,300.00	7,062.91	6,968.91	6,968.91	37.32	241.56	75.76	1,448.48	-276.69	2,691.05	2,415.64	275.41	9.771		
7,350.00	7,095.45	7,001.45	7,001.45	37.59	242.70	76.70	1,448.48	-276.69	2,677.66	2,400.82	276.84	9.672		
7,400.00	7,124.97	7,030.97	7,030.97	37.88	243.73	77.89	1,448.48	-276.69	2,663.24	2,385.05	278.20	9.573		
7,450.00	7,151.28	7,057.28	7,057.28	38.21	244.65	79.26	1,448.48	-276.69	2,647.98	2,368.49	279.49	9.474		
7,500.00	7,174.22	7,080.22	7,080.22	38.58	245.45	80.77	1,448.48	-276.69	2,632.06	2,351.35	280.71	9.376		
7,550.00	7,193.65	7,100.35	7,099.65	38.98	246.15	82.38	1,448.48	-276.69	2,615.66	2,333.76	281.89	9.279		
7,600.00	7,209.45	7,115.45	7,115.45	39.43	246.68	84.04	1,448.48	-276.69	2,598.93	2,315.98	282.95	9.185		
7,650.00	7,221.52	7,127.52	7,127.52	39.91	247.10	85.72	1,448.48	-276.69	2,582.06	2,298.11	283.96	9.093		
7,700.00	7,229.79	7,135.79	7,135.79	40.42	247.39	87.38	1,448.48	-276.69	2,565.20	2,280.32	284.88	9.004		
7,750.00	7,234.21	7,140.21	7,140.21	40.97	247.54	89.00	1,448.48	-276.69	2,548.49	2,262.78	285.71	8.920		
7,780.56	7,235.00	7,141.00	7,141.00	41.32	247.57	89.96	1,448.48	-276.69	2,538.40	2,252.23	286.17	8.870		
7,800.00	7,235.04	7,141.04	7,141.04	41.54	247.57	89.96	1,448.48	-276.69	2,532.09	2,245.64	286.46	8.839		
7,900.00	7,235.26	7,141.26	7,141.26	42.82	247.58	89.96	1,448.48	-276.69	2,501.76	2,213.73	288.04	8.686		
8,000.00	7,235.47	7,141.47	7,141.47	44.25	247.59	89.97	1,448.48	-276.69	2,475.11	2,185.31	289.80	8.541		
8,100.00	7,235.68	7,141.68	7,141.68	45.82	247.59	89.97	1,448.48	-276.69	2,452.24	2,160.53	291.72	8.406		
8,200.00	7,235.90	7,141.90	7,141.90	47.52	247.60	89.98	1,448.48	-276.69	2,433.27	2,139.51	293.77	8.283		
8,300.00	7,236.11	7,142.11	7,142.11	49.34	247.61	89.98	1,448.48	-276.69	2,418.30	2,122.37	295.92	8.172		
8,400.00	7,236.32	7,142.32	7,142.32	51.25	247.62	89.99	1,448.48	-276.69	2,407.38	2,109.23	298.16	8.074		
8,500.00	7,236.54	7,142.54	7,142.54	53.26	247.62	89.99	1,448.48	-276.69	2,400.59	2,100.15	300.44	7.990		
8,600.00	7,236.75	7,142.75	7,142.75	55.34	247.63	90.00	1,448.48	-276.69	2,397.95	2,095.20	302.75	7.920		
8,613.33	7,236.78	7,142.78	7,142.78	55.63	247.63	90.00	1,448.48	-276.69	2,397.91	2,094.85	303.07	7.912		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - J.R. #1(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,236.96	7,142.96	7,142.96	57.50	247.64	90.00	1,448.48	-276.69	2,399.48	2,094.41	305.06	7.865		
8,800.00	7,237.17	7,143.17	7,143.17	59.71	247.64	90.01	1,448.48	-276.69	2,405.17	2,097.82	307.35	7.825		
8,900.00	7,237.39	7,143.39	7,143.39	61.98	247.65	90.01	1,448.48	-276.69	2,414.99	2,105.39	309.60	7.800		
9,000.00	7,237.60	7,143.60	7,143.60	64.29	247.66	90.02	1,448.48	-276.69	2,428.89	2,117.11	311.78	7.790 SF		
9,100.00	7,237.81	7,143.81	7,143.81	66.65	247.67	90.02	1,448.48	-276.69	2,446.80	2,132.91	313.89	7.795		
9,200.00	7,238.03	7,144.03	7,144.03	69.05	247.67	90.03	1,448.48	-276.69	2,468.64	2,152.73	315.90	7.815		
9,300.00	7,238.24	7,144.24	7,144.24	71.48	247.68	90.03	1,448.48	-276.69	2,494.29	2,176.47	317.82	7.848		
9,400.00	7,238.45	7,144.45	7,144.45	73.95	247.69	90.04	1,448.48	-276.69	2,523.65	2,204.02	319.64	7.895		
9,500.00	7,238.67	7,144.67	7,144.67	76.44	247.70	90.05	1,448.48	-276.69	2,556.59	2,235.25	321.34	7.956		
9,600.00	7,238.88	7,144.88	7,144.88	78.96	247.70	90.05	1,448.48	-276.69	2,592.97	2,270.04	322.93	8.029		
9,700.00	7,239.09	7,145.09	7,145.09	81.50	247.71	90.06	1,448.48	-276.69	2,632.65	2,308.23	324.41	8.115		
9,800.00	7,239.30	7,145.30	7,145.30	84.06	247.72	90.06	1,448.48	-276.69	2,675.47	2,349.69	325.78	8.212		
9,900.00	7,239.52	7,145.52	7,145.52	86.64	247.73	90.07	1,448.48	-276.69	2,721.30	2,394.26	327.04	8.321		
10,000.00	7,239.73	7,145.73	7,145.73	89.23	247.73	90.07	1,448.48	-276.69	2,769.99	2,441.79	328.20	8.440		
10,100.00	7,239.94	7,145.94	7,145.94	91.85	247.74	90.08	1,448.48	-276.69	2,821.38	2,492.13	329.25	8.569		
10,200.00	7,240.16	7,146.16	7,146.16	94.47	247.75	90.08	1,448.48	-276.69	2,875.33	2,545.12	330.21	8.708		
10,300.00	7,240.37	7,146.37	7,146.37	97.11	247.76	90.09	1,448.48	-276.69	2,931.69	2,600.62	331.08	8.855		
10,400.00	7,240.58	7,146.58	7,146.58	99.76	247.76	90.09	1,448.48	-276.69	2,990.34	2,658.48	331.86	9.011		
10,500.00	7,240.80	7,146.80	7,146.80	102.43	247.77	90.10	1,448.48	-276.69	3,051.15	2,718.58	332.57	9.174		
10,600.00	7,241.01	7,147.01	7,147.01	105.10	247.78	90.10	1,448.48	-276.69	3,113.97	2,780.77	333.21	9.345		
10,700.00	7,241.22	7,147.22	7,147.22	107.79	247.79	90.11	1,448.48	-276.69	3,178.70	2,844.93	333.77	9.524		
10,800.00	7,241.43	7,147.43	7,147.43	110.48	247.79	90.11	1,448.48	-276.69	3,245.23	2,910.94	334.28	9.708		
10,900.00	7,241.65	7,147.65	7,147.65	113.18	247.80	90.12	1,448.48	-276.69	3,313.43	2,978.70	334.73	9.899		
11,000.00	7,241.86	7,147.86	7,147.86	115.89	247.81	90.12	1,448.48	-276.69	3,383.22	3,048.08	335.13	10.095		
11,100.00	7,242.07	7,148.07	7,148.07	118.60	247.82	90.13	1,448.48	-276.69	3,454.49	3,119.00	335.49	10.297		
11,200.00	7,242.29	7,148.29	7,148.29	121.32	247.82	90.13	1,448.48	-276.69	3,527.15	3,191.36	335.80	10.504		
11,300.00	7,242.50	7,148.50	7,148.50	124.05	247.83	90.14	1,448.48	-276.69	3,601.13	3,265.06	336.07	10.715		
11,400.00	7,242.71	7,148.71	7,148.71	126.78	247.84	90.14	1,448.48	-276.69	3,676.34	3,340.04	336.31	10.932		
11,500.00	7,242.93	7,148.93	7,148.93	129.52	247.85	90.15	1,448.48	-276.69	3,752.71	3,416.20	336.51	11.152		
11,600.00	7,243.14	7,149.14	7,149.14	132.27	247.85	90.15	1,448.48	-276.69	3,830.16	3,493.47	336.69	11.376		
11,700.00	7,243.35	7,149.35	7,149.35	135.02	247.86	90.16	1,448.48	-276.69	3,908.64	3,571.80	336.84	11.604		
11,800.00	7,243.57	7,149.57	7,149.57	137.77	247.87	90.16	1,448.48	-276.69	3,988.08	3,651.11	336.97	11.835		
11,900.00	7,243.78	7,149.78	7,149.78	140.53	247.88	90.17	1,448.48	-276.69	4,068.43	3,731.35	337.08	12.070		
12,000.00	7,243.99	7,149.99	7,149.99	143.29	247.88	90.17	1,448.48	-276.69	4,149.64	3,812.47	337.17	12.307		
12,100.00	7,244.20	7,150.20	7,150.20	146.05	247.89	90.18	1,448.48	-276.69	4,231.64	3,894.40	337.24	12.548		
12,200.00	7,244.42	7,150.42	7,150.42	148.82	247.90	90.18	1,448.48	-276.69	4,314.41	3,977.11	337.30	12.791		
12,300.00	7,244.63	7,150.63	7,150.63	151.60	247.91	90.19	1,448.48	-276.69	4,397.89	4,060.55	337.35	13.037		
12,400.00	7,244.84	7,150.84	7,150.84	154.37	247.91	90.19	1,448.48	-276.69	4,482.05	4,144.67	337.38	13.285		
12,500.00	7,245.06	7,151.06	7,151.06	157.15	247.92	90.20	1,448.48	-276.69	4,566.85	4,229.45	337.40	13.535		
12,600.00	7,245.27	7,151.27	7,151.27	159.93	247.93	90.20	1,448.48	-276.69	4,652.25	4,314.84	337.42	13.788		
12,700.00	7,245.48	7,151.48	7,151.48	162.71	247.93	90.21	1,448.48	-276.69	4,738.23	4,400.80	337.42	14.042		
12,800.00	7,245.70	7,151.70	7,151.70	165.50	247.94	90.21	1,448.48	-276.69	4,824.74	4,487.32	337.42	14.299		
12,900.00	7,245.91	7,151.91	7,151.91	168.29	247.95	90.22	1,448.48	-276.69	4,911.77	4,574.35	337.41	14.557		
13,000.00	7,246.12	7,152.12	7,152.12	171.08	247.96	90.22	1,448.48	-276.69	4,999.28	4,661.88	337.40	14.817		
13,100.00	7,246.33	7,152.33	7,152.33	173.87	247.96	90.23	1,448.48	-276.69	5,087.25	4,749.87	337.38	15.079		
13,200.00	7,246.55	7,152.55	7,152.55	176.67	247.97	90.23	1,448.48	-276.69	5,175.66	4,838.30	337.36	15.342		
13,300.00	7,246.76	7,152.76	7,152.76	179.47	247.98	90.24	1,448.48	-276.69	5,264.48	4,927.15	337.33	15.606		
13,400.00	7,246.97	7,152.97	7,152.97	182.27	247.99	90.24	1,448.48	-276.69	5,353.70	5,016.40	337.30	15.872		
13,500.00	7,247.19	7,153.19	7,153.19	185.07	247.99	90.25	1,448.48	-276.69	5,443.29	5,106.03	337.27	16.139		
13,600.00	7,247.40	7,153.40	7,153.40	187.87	248.00	90.25	1,448.48	-276.69	5,533.24	5,196.01	337.23	16.408		
13,700.00	7,247.61	7,153.61	7,153.61	190.68	248.01	90.26	1,448.48	-276.69	5,623.53	5,286.34	337.19	16.677		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - J.R. #1(PA) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
13,800.00	7,247.83	7,153.83	7,153.83	193.48	248.02	90.26	1,448.48	-276.69	5,714.14	5,376.99	337.16	16.948		
13,900.00	7,248.04	7,154.04	7,154.04	196.29	248.02	90.27	1,448.48	-276.69	5,805.06	5,467.95	337.12	17.220		
14,000.00	7,248.25	7,154.25	7,154.25	199.10	248.03	90.27	1,448.48	-276.69	5,896.28	5,559.20	337.07	17.493		
14,100.00	7,248.46	7,154.46	7,154.46	201.91	248.04	90.28	1,448.48	-276.69	5,987.77	5,650.74	337.03	17.766		
14,200.00	7,248.68	7,154.68	7,154.68	204.72	248.05	90.28	1,448.48	-276.69	6,079.53	5,742.54	336.99	18.041		
14,300.00	7,248.89	7,154.89	7,154.89	207.53	248.05	90.29	1,448.48	-276.69	6,171.55	5,834.61	336.95	18.316		
14,400.00	7,249.10	7,155.10	7,155.10	210.35	248.06	90.29	1,448.48	-276.69	6,263.82	5,926.91	336.90	18.592		
14,500.00	7,249.32	7,155.32	7,155.32	213.16	248.07	90.30	1,448.48	-276.69	6,356.31	6,019.45	336.86	18.869		
14,600.00	7,249.53	7,155.53	7,155.53	215.98	248.08	90.30	1,448.48	-276.69	6,449.03	6,112.22	336.82	19.147		
14,700.00	7,249.74	7,155.74	7,155.74	218.80	248.08	90.31	1,448.48	-276.69	6,541.97	6,205.20	336.77	19.425		
14,800.00	7,249.96	7,155.96	7,155.96	221.62	248.09	90.31	1,448.48	-276.69	6,635.11	6,298.38	336.73	19.704		
14,900.00	7,250.17	7,156.17	7,156.17	224.44	248.10	90.32	1,448.48	-276.69	6,728.45	6,391.76	336.69	19.984		
15,000.00	7,250.38	7,156.38	7,156.38	227.26	248.11	90.33	1,448.48	-276.69	6,821.98	6,485.33	336.65	20.264		
15,100.00	7,250.59	7,156.59	7,156.59	230.08	248.11	90.33	1,448.48	-276.69	6,915.68	6,579.08	336.61	20.545		
15,200.00	7,250.81	7,156.81	7,156.81	232.90	248.12	90.34	1,448.48	-276.69	7,009.57	6,673.00	336.57	20.827		
15,300.00	7,251.02	7,157.02	7,157.02	235.72	248.13	90.34	1,448.48	-276.69	7,103.62	6,767.09	336.53	21.108		
15,400.00	7,251.23	7,157.23	7,157.23	238.55	248.14	90.35	1,448.48	-276.69	7,197.82	6,861.33	336.49	21.391		
15,500.00	7,251.45	7,157.45	7,157.45	241.37	248.14	90.35	1,448.48	-276.69	7,292.19	6,955.73	336.45	21.674		
15,600.00	7,251.66	7,157.66	7,157.66	244.20	248.15	90.36	1,448.48	-276.69	7,386.70	7,050.28	336.42	21.957		
15,700.00	7,251.87	7,157.87	7,157.87	247.03	248.16	90.36	1,448.48	-276.69	7,481.35	7,144.97	336.38	22.241		
15,800.00	7,252.09	7,158.09	7,158.09	249.85	248.17	90.37	1,448.48	-276.69	7,576.15	7,239.80	336.35	22.525		
15,900.00	7,252.30	7,158.30	7,158.30	252.68	248.17	90.37	1,448.48	-276.69	7,671.07	7,334.76	336.31	22.809		
16,000.00	7,252.51	7,158.51	7,158.51	255.51	248.18	90.38	1,448.48	-276.69	7,766.12	7,429.84	336.28	23.094		
16,100.00	7,252.72	7,158.72	7,158.72	258.34	248.19	90.38	1,448.48	-276.69	7,861.30	7,525.04	336.25	23.379		
16,200.00	7,252.94	7,158.94	7,158.94	261.17	248.20	90.39	1,448.48	-276.69	7,956.59	7,620.37	336.22	23.665		
16,300.00	7,253.15	7,159.15	7,159.15	264.00	248.20	90.39	1,448.48	-276.69	8,052.00	7,715.80	336.19	23.951		
16,400.00	7,253.36	7,159.36	7,159.36	266.83	248.21	90.40	1,448.48	-276.69	8,147.51	7,811.35	336.17	24.237		
16,500.00	7,253.58	7,159.58	7,159.58	269.66	248.22	90.40	1,448.48	-276.69	8,243.14	7,907.00	336.14	24.523		
16,600.00	7,253.79	7,159.79	7,159.79	272.50	248.22	90.41	1,448.48	-276.69	8,338.86	8,002.75	336.11	24.810		
16,700.00	7,254.00	7,160.00	7,160.00	275.33	248.23	90.41	1,448.48	-276.69	8,434.69	8,098.60	336.09	25.097		
16,800.00	7,254.22	7,160.22	7,160.22	278.16	248.24	90.42	1,448.48	-276.69	8,530.61	8,194.54	336.07	25.384		
16,900.00	7,254.43	7,160.43	7,160.43	281.00	248.25	90.42	1,448.48	-276.69	8,626.62	8,290.58	336.05	25.671		
17,000.00	7,254.64	7,160.64	7,160.64	283.83	248.25	90.43	1,448.48	-276.69	8,722.72	8,386.70	336.02	25.959		
17,100.00	7,254.85	7,160.85	7,160.85	286.67	248.26	90.43	1,448.48	-276.69	8,818.91	8,482.91	336.01	26.246		
17,200.00	7,255.07	7,161.07	7,161.07	289.50	248.27	90.44	1,448.48	-276.69	8,915.19	8,579.20	335.99	26.534		
17,300.00	7,255.28	7,161.28	7,161.28	292.34	248.28	90.44	1,448.48	-276.69	9,011.54	8,675.57	335.97	26.822		
17,400.00	7,255.49	7,161.49	7,161.49	295.17	248.28	90.45	1,448.48	-276.69	9,107.98	8,772.02	335.96	27.111		
17,500.00	7,255.71	7,161.71	7,161.71	298.01	248.29	90.45	1,448.48	-276.69	9,204.49	8,868.54	335.94	27.399		
17,600.00	7,255.92	7,161.92	7,161.92	300.85	248.30	90.46	1,448.48	-276.69	9,301.07	8,965.14	335.93	27.688		
17,700.00	7,256.13	7,162.13	7,162.13	303.68	248.31	90.46	1,448.48	-276.69	9,397.72	9,061.81	335.92	27.976		
17,800.00	7,256.35	7,162.35	7,162.35	306.52	248.31	90.47	1,448.48	-276.69	9,494.45	9,158.54	335.91	28.265		
17,900.00	7,256.56	7,162.56	7,162.56	309.36	248.32	90.47	1,448.48	-276.69	9,591.24	9,255.34	335.90	28.554		
18,000.00	7,256.77	7,162.77	7,162.77	312.20	248.33	90.48	1,448.48	-276.69	9,688.09	9,352.21	335.89	28.843		
18,100.00	7,256.98	7,162.98	7,162.98	315.04	248.34	90.48	1,448.48	-276.69	9,785.01	9,449.13	335.88	29.132		
18,200.00	7,257.20	7,163.20	7,163.20	317.88	248.34	90.49	1,448.48	-276.69	9,881.99	9,546.12	335.87	29.422		
18,300.00	7,257.41	7,163.41	7,163.41	320.72	248.35	90.49	1,448.48	-276.69	9,979.04	9,643.17	335.87	29.711		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-126.89	-2,295.30	-3,057.97	3,823.59					
100.00	100.00	77.50	77.50	3.28	3.28	-126.89	-2,295.43	-3,057.99	3,823.66	3,817.09	6.57	582.082		
200.00	200.00	218.55	218.55	3.34	3.36	-126.90	-2,295.64	-3,057.29	3,823.35	3,816.66	6.70	570.958		
300.00	300.00	303.35	303.35	3.44	3.45	-126.90	-2,295.22	-3,056.91	3,822.70	3,815.80	6.90	554.049		
327.61	327.61	325.06	325.05	3.48	3.49	108.10	-2,295.08	-3,056.91	3,822.63	3,815.67	6.97	548.657		
400.00	399.98	381.97	381.96	3.60	3.57	108.12	-2,294.88	-3,056.99	3,823.06	3,815.89	7.17	533.109		
500.00	499.84	519.76	519.75	3.79	3.85	108.20	-2,294.38	-3,056.60	3,824.24	3,816.60	7.64	500.801		
600.00	599.45	588.75	588.74	4.03	4.01	108.24	-2,294.09	-3,056.40	3,826.48	3,818.45	8.03	476.381		
700.00	698.70	722.80	722.78	4.30	4.36	108.42	-2,293.30	-3,055.94	3,829.68	3,821.02	8.66	442.199		
800.00	797.47	800.00	799.98	4.61	4.59	108.51	-2,292.71	-3,055.78	3,834.05	3,824.85	9.19	417.031		
900.00	895.62	913.13	913.11	4.95	4.94	108.71	-2,292.30	-3,055.34	3,839.71	3,829.83	9.89	388.347		
1,000.00	993.06	1,001.28	1,001.25	5.33	5.23	108.86	-2,292.22	-3,054.70	3,846.46	3,835.91	10.55	364.543		
1,100.00	1,090.08	1,092.27	1,092.25	5.74	5.53	109.17	-2,292.18	-3,054.17	3,854.05	3,842.79	11.26	342.142		
1,200.00	1,187.11	1,183.21	1,183.19	6.17	5.85	109.48	-2,292.17	-3,053.79	3,861.93	3,849.92	12.01	321.645		
1,300.00	1,284.14	1,274.11	1,274.08	6.61	6.18	109.78	-2,292.21	-3,053.57	3,870.09	3,857.31	12.77	302.981		
1,400.00	1,381.17	1,364.95	1,364.92	7.07	6.51	110.09	-2,292.28	-3,053.49	3,878.53	3,864.97	13.56	286.032		
1,500.00	1,478.20	1,455.74	1,455.72	7.55	6.85	110.39	-2,292.40	-3,053.57	3,887.27	3,872.91	14.36	270.655		
1,600.00	1,575.23	1,558.07	1,558.04	8.03	7.23	110.74	-2,292.40	-3,053.84	3,896.22	3,880.99	15.22	255.931		
1,700.00	1,672.26	1,678.51	1,678.49	8.52	7.70	111.15	-2,291.49	-3,054.16	3,904.90	3,888.73	16.17	241.494		
1,800.00	1,769.29	1,780.37	1,780.34	9.01	8.09	111.50	-2,290.76	-3,053.88	3,913.29	3,896.24	17.05	229.463		
1,900.00	1,866.32	1,876.70	1,876.66	9.51	8.47	111.82	-2,290.20	-3,053.51	3,921.81	3,903.88	17.93	218.789		
2,000.00	1,963.35	1,973.05	1,973.01	10.02	8.85	112.14	-2,289.48	-3,053.27	3,930.48	3,911.67	18.80	209.031		
2,100.00	2,060.38	2,064.49	2,064.45	10.53	9.22	112.45	-2,288.88	-3,053.06	3,939.33	3,919.67	19.67	200.299		
2,200.00	2,157.41	2,158.69	2,158.65	11.04	9.59	112.76	-2,288.45	-3,052.88	3,948.46	3,927.91	20.55	192.161		
2,300.00	2,254.44	2,276.83	2,276.77	11.56	10.07	113.16	-2,286.71	-3,053.17	3,957.59	3,936.05	21.53	183.789		
2,400.00	2,351.47	2,414.63	2,414.53	12.07	10.63	113.64	-2,283.61	-3,052.69	3,965.93	3,943.33	22.61	175.430		
2,500.00	2,448.50	2,512.31	2,512.19	12.59	11.03	113.97	-2,281.46	-3,051.71	3,973.91	3,950.40	23.52	168.988		
2,600.00	2,545.53	2,588.76	2,588.62	13.12	11.34	114.23	-2,279.73	-3,051.22	3,982.31	3,957.98	24.34	163.627		
2,700.00	2,642.56	2,677.30	2,677.14	13.64	11.71	114.54	-2,277.62	-3,051.12	3,991.22	3,966.01	25.21	158.304		
2,800.00	2,739.59	2,782.43	2,782.24	14.17	12.14	114.90	-2,275.42	-3,050.83	4,000.29	3,974.13	26.16	152.915		
2,900.00	2,836.62	2,864.56	2,864.35	14.69	12.48	115.17	-2,273.78	-3,050.54	4,009.48	3,982.47	27.01	148.442		
3,000.00	2,933.65	2,956.92	2,956.70	15.22	12.86	115.48	-2,272.39	-3,050.38	4,019.17	3,991.27	27.91	144.026		
3,100.00	3,030.68	3,038.57	3,038.35	15.75	13.20	115.74	-2,271.93	-3,049.81	4,029.03	4,000.27	28.75	140.116		
3,200.00	3,127.71	3,104.88	3,104.65	16.28	13.47	115.94	-2,271.94	-3,049.71	4,039.68	4,010.15	29.54	136.775		
3,300.00	3,224.74	3,196.22	3,195.99	16.82	13.85	116.23	-2,271.82	-3,050.08	4,050.88	4,020.45	30.43	133.138		
3,400.00	3,321.76	3,261.70	3,261.48	17.35	14.12	116.43	-2,271.89	-3,050.58	4,062.63	4,031.43	31.20	130.212		
3,500.00	3,418.79	3,358.40	3,358.16	17.88	14.52	116.72	-2,273.06	-3,051.47	4,075.10	4,042.99	32.12	126.884		
3,600.00	3,515.82	3,446.13	3,445.89	18.42	14.89	116.98	-2,273.84	-3,052.09	4,087.38	4,054.39	32.99	123.889		
3,700.00	3,612.85	3,529.20	3,528.94	18.95	15.23	117.23	-2,274.77	-3,053.25	4,100.41	4,066.56	33.85	121.149		
3,800.00	3,709.88	3,684.85	3,684.58	19.49	15.88	117.69	-2,276.35	-3,054.08	4,112.75	4,077.71	35.04	117.375		
3,900.00	3,806.91	3,771.46	3,771.19	20.02	16.25	117.95	-2,276.29	-3,054.42	4,124.64	4,088.73	35.91	114.852		
4,000.00	3,903.94	3,869.56	3,869.29	20.56	16.66	118.24	-2,276.63	-3,054.90	4,136.90	4,100.06	36.84	112.294		
4,100.00	4,000.97	3,977.82	3,977.55	21.09	17.11	118.56	-2,276.98	-3,055.17	4,149.05	4,111.23	37.81	109.720		
4,200.00	4,098.00	4,086.18	4,085.91	21.63	17.57	118.88	-2,277.28	-3,055.13	4,161.04	4,122.24	38.79	107.268		
4,300.00	4,195.03	4,194.66	4,194.38	22.17	18.02	119.19	-2,277.53	-3,054.80	4,172.86	4,133.09	39.77	104.930		
4,400.00	4,292.06	4,303.23	4,302.96	22.71	18.48	119.50	-2,277.72	-3,054.16	4,184.53	4,143.78	40.75	102.699		
4,500.00	4,389.09	4,411.91	4,411.63	23.25	18.93	119.81	-2,277.85	-3,053.23	4,196.02	4,154.30	41.72	100.566		
4,600.00	4,486.12	4,479.54	4,479.26	23.78	19.22	120.00	-2,277.86	-3,052.89	4,207.88	4,165.37	42.51	98.984		
4,700.00	4,583.15	4,600.31	4,600.02	24.32	19.73	120.34	-2,277.68	-3,052.55	4,220.02	4,176.47	43.55	96.909		
4,800.00	4,680.18	4,654.66	4,654.38	24.86	19.95	120.50	-2,277.62	-3,052.45	4,232.32	4,188.05	44.27	95.608		
4,900.00	4,777.21	4,725.70	4,725.42	25.40	20.25	120.70	-2,277.68	-3,053.05	4,245.66	4,200.60	45.06	94.213		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Jeff #1 - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 100-GYRO-NS													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,874.24	4,841.11	4,840.82	25.94	20.74	121.04	-2,277.15	-3,053.89	4,258.82	4,212.74	46.08	92.430		
5,100.00	4,971.27	4,942.80	4,942.49	26.48	21.17	121.35	-2,276.04	-3,055.01	4,272.22	4,225.20	47.02	90.857		
5,200.00	5,068.30	5,042.91	5,042.61	27.02	21.59	121.63	-2,275.45	-3,055.31	4,285.19	4,237.23	47.96	89.351		
5,300.00	5,165.33	5,120.71	5,120.40	27.56	21.92	121.85	-2,275.25	-3,055.95	4,298.83	4,250.04	48.79	88.115		
5,400.00	5,262.36	5,238.56	5,238.25	28.10	22.42	122.18	-2,275.03	-3,056.31	4,312.11	4,262.30	49.81	86.569		
5,500.00	5,359.39	5,321.88	5,321.57	28.64	22.77	122.42	-2,274.63	-3,056.98	4,325.86	4,275.19	50.67	85.380		
5,600.00	5,456.42	5,444.63	5,444.31	29.18	23.29	122.77	-2,273.58	-3,057.37	4,339.08	4,287.37	51.71	83.905		
5,700.00	5,553.45	5,524.13	5,523.80	29.72	23.63	123.00	-2,272.56	-3,057.96	4,352.71	4,300.17	52.55	82.832		
5,800.00	5,650.47	5,619.33	5,618.99	30.27	24.03	123.28	-2,271.12	-3,058.85	4,366.56	4,313.10	53.46	81.678		
5,900.00	5,747.50	5,698.81	5,698.46	30.81	24.37	123.50	-2,270.29	-3,059.68	4,380.76	4,326.47	54.29	80.688		
6,000.00	5,844.53	5,829.20	5,828.83	31.35	24.92	123.87	-2,268.72	-3,060.86	4,394.90	4,339.52	55.38	79.359		
6,100.00	5,941.56	5,938.82	5,938.45	31.89	25.39	124.18	-2,267.61	-3,061.00	4,408.47	4,352.10	56.36	78.215		
6,200.00	6,038.59	6,027.79	6,027.41	32.43	25.77	124.42	-2,266.57	-3,061.28	4,422.28	4,365.04	57.24	77.254		
6,300.00	6,135.62	6,145.14	6,144.76	32.97	26.26	124.73	-2,266.17	-3,061.12	4,436.05	4,377.79	58.26	76.136		
6,400.00	6,232.65	6,235.03	6,234.65	33.51	26.65	124.97	-2,265.67	-3,060.68	4,449.52	4,390.37	59.15	75.225		
6,500.00	6,329.68	6,300.00	6,299.61	34.06	26.92	125.14	-2,265.32	-3,060.86	4,463.76	4,403.85	59.91	74.512		
6,600.00	6,426.71	6,424.36	6,423.97	34.60	27.45	125.47	-2,264.45	-3,061.10	4,477.95	4,416.99	60.96	73.452		
6,655.36	6,480.43	6,462.23	6,461.84	34.90	27.61	125.57	-2,264.28	-3,061.13	4,485.85	4,424.45	61.39	73.069		
6,700.00	6,524.01	6,500.00	6,499.61	35.13	27.77	113.61	-2,264.26	-3,061.25	4,490.90	4,429.14	61.77	72.708		
6,750.00	6,573.29	6,560.32	6,559.93	35.36	28.03	91.28	-2,264.26	-3,061.39	4,493.05	4,430.79	62.26	72.169		
6,800.00	6,622.76	6,617.31	6,616.92	35.56	28.27	60.98	-2,264.11	-3,061.32	4,491.26	4,428.55	62.70	71.626		
6,850.00	6,672.13	6,763.26	6,636.35	35.73	28.89	35.47	-2,263.88	-3,061.21	4,485.71	4,422.24	63.47	70.677		
6,900.00	6,721.08	6,714.24	6,685.37	35.88	28.68	19.80	-2,264.26	-3,061.33	4,476.85	4,413.45	63.41	70.606		
6,950.00	6,769.31	6,734.07	6,733.68	36.03	28.76	10.38	-2,264.63	-3,061.45	4,464.35	4,400.73	63.62	70.172		
7,000.00	6,816.53	6,781.38	6,780.99	36.18	28.96	4.22	-2,265.00	-3,061.58	4,448.29	4,384.35	63.94	69.573		
7,050.00	6,862.44	6,827.39	6,827.00	36.34	29.16	-0.20	-2,265.36	-3,061.69	4,428.76	4,364.52	64.24	68.944		
7,100.00	6,906.77	6,871.83	6,871.43	36.50	29.35	-3.69	-2,265.71	-3,061.81	4,405.88	4,341.35	64.52	68.286		
7,150.00	6,949.23	6,914.40	6,914.00	36.68	29.53	-6.68	-2,266.04	-3,061.91	4,379.79	4,315.00	64.79	67.601		
7,200.00	6,989.58	6,954.86	6,954.46	36.87	29.70	-9.44	-2,266.36	-3,062.02	4,350.66	4,285.62	65.04	66.891		
7,250.00	7,027.55	6,992.96	6,992.56	37.09	29.86	-12.17	-2,266.65	-3,062.11	4,318.67	4,253.40	65.28	66.157		
7,300.00	7,062.91	7,028.45	7,028.05	37.32	30.01	-15.04	-2,266.93	-3,062.20	4,284.03	4,218.53	65.50	65.403		
7,350.00	7,095.45	7,061.12	7,060.72	37.59	30.15	-18.21	-2,267.18	-3,062.29	4,246.94	4,181.23	65.71	64.631		
7,400.00	7,124.97	7,090.78	7,090.37	37.88	30.28	-21.86	-2,267.42	-3,062.36	4,207.66	4,141.75	65.91	63.842		
7,450.00	7,151.28	7,117.22	7,116.82	38.21	30.39	-26.19	-2,267.62	-3,062.43	4,166.41	4,100.32	66.09	63.040		
7,500.00	7,174.22	7,140.30	7,139.90	38.58	30.49	-31.49	-2,267.80	-3,062.49	4,123.48	4,057.21	66.26	62.227		
7,550.00	7,193.65	7,159.87	7,159.47	38.98	30.57	-38.07	-2,267.95	-3,062.54	4,079.13	4,012.70	66.43	61.406		
7,600.00	7,209.45	7,175.81	7,175.41	39.43	30.64	-46.28	-2,268.08	-3,062.58	4,033.64	3,967.06	66.58	60.580		
7,650.00	7,221.52	7,188.03	7,187.62	39.91	30.69	-56.37	-2,268.17	-3,062.61	3,987.31	3,920.58	66.73	59.752		
7,700.00	7,229.79	7,196.43	7,196.02	40.42	30.72	-68.21	-2,268.24	-3,062.63	3,940.43	3,873.56	66.87	58.925		
7,750.00	7,234.21	7,200.98	7,200.58	40.97	30.74	-81.03	-2,268.28	-3,062.64	3,893.31	3,826.30	67.01	58.103		
7,780.56	7,235.00	7,201.86	7,201.45	41.32	30.75	-88.80	-2,268.28	-3,062.64	3,864.51	3,797.42	67.09	57.604		
7,800.00	7,235.04	7,201.95	7,201.54	41.54	30.75	-88.81	-2,268.28	-3,062.65	3,846.22	3,779.08	67.14	57.287		
7,900.00	7,235.26	7,202.42	7,202.01	42.82	30.75	-88.83	-2,268.29	-3,062.65	3,752.30	3,684.87	67.44	55.643		
8,000.00	7,235.47	7,202.89	7,202.48	44.25	30.75	-88.85	-2,268.29	-3,062.65	3,658.71	3,590.93	67.78	53.978		
8,100.00	7,235.68	7,203.36	7,202.95	45.82	30.75	-88.87	-2,268.29	-3,062.65	3,565.46	3,497.28	68.19	52.290		
8,200.00	7,235.90	7,203.83	7,203.42	47.52	30.75	-88.89	-2,268.30	-3,062.65	3,472.59	3,403.94	68.65	50.582		
8,300.00	7,236.11	7,204.30	7,203.90	49.34	30.76	-88.91	-2,268.30	-3,062.65	3,380.13	3,310.94	69.19	48.854		
8,400.00	7,236.32	7,204.78	7,204.37	51.25	30.76	-88.93	-2,268.30	-3,062.65	3,288.11	3,218.31	69.80	47.106		
8,500.00	7,236.54	7,205.25	7,204.84	53.26	30.76	-88.95	-2,268.31	-3,062.65	3,196.57	3,126.07	70.50	45.342		
8,600.00	7,236.75	7,205.72	7,205.31	55.34	30.76	-88.97	-2,268.31	-3,062.65	3,105.55	3,034.26	71.29	43.563		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,700.00	7,236.96	7,206.19	7,205.78	57.50	30.76	-88.99	-2,268.32	-3,062.66	3,015.10	2,942.92	72.18	41.771			
8,800.00	7,237.17	7,206.66	7,206.25	59.71	30.77	-89.01	-2,268.32	-3,062.66	2,925.27	2,852.08	73.18	39.972			
8,900.00	7,237.39	7,207.13	7,206.72	61.98	30.77	-89.03	-2,268.32	-3,062.66	2,836.12	2,761.81	74.31	38.168			
9,000.00	7,237.60	7,207.60	7,207.20	64.29	30.77	-89.05	-2,268.33	-3,062.66	2,747.72	2,672.15	75.56	36.364			
9,100.00	7,237.81	7,208.07	7,207.67	66.65	30.77	-89.07	-2,268.33	-3,062.66	2,660.13	2,583.17	76.96	34.565			
9,200.00	7,238.03	7,208.55	7,208.14	69.05	30.77	-89.09	-2,268.33	-3,062.66	2,573.46	2,494.94	78.51	32.777			
9,300.00	7,238.24	7,209.02	7,208.61	71.48	30.78	-89.12	-2,268.34	-3,062.66	2,487.78	2,407.55	80.24	31.006			
9,400.00	7,238.45	7,209.49	7,209.08	73.95	30.78	-89.14	-2,268.34	-3,062.66	2,403.22	2,321.08	82.14	29.258			
9,500.00	7,238.67	7,209.96	7,209.55	76.44	30.78	-89.16	-2,268.35	-3,062.67	2,319.88	2,235.64	84.24	27.540			
9,600.00	7,238.88	7,210.43	7,210.02	78.96	30.78	-89.18	-2,268.35	-3,062.67	2,237.90	2,151.36	86.54	25.859			
9,700.00	7,239.09	7,210.90	7,210.49	81.50	30.78	-89.20	-2,268.35	-3,062.67	2,157.45	2,068.37	89.07	24.222			
9,800.00	7,239.30	7,211.37	7,210.97	84.06	30.79	-89.22	-2,268.36	-3,062.67	2,078.69	1,986.86	91.83	22.636			
9,900.00	7,239.52	7,211.85	7,211.44	86.64	30.79	-89.24	-2,268.36	-3,062.67	2,001.83	1,906.99	94.84	21.107			
10,000.00	7,239.73	7,212.32	7,211.91	89.23	30.79	-89.26	-2,268.36	-3,062.67	1,927.09	1,828.99	98.11	19.643			
10,100.00	7,239.94	7,212.79	7,212.38	91.85	30.79	-89.28	-2,268.37	-3,062.67	1,854.74	1,753.11	101.63	18.250			
10,200.00	7,240.16	7,213.26	7,212.85	94.47	30.79	-89.30	-2,268.37	-3,062.67	1,785.06	1,679.63	105.42	16.932			
10,300.00	7,240.37	7,213.73	7,213.32	97.11	30.80	-89.32	-2,268.37	-3,062.68	1,718.37	1,608.90	109.48	15.696			
10,400.00	7,240.58	7,214.20	7,213.79	99.76	30.80	-89.34	-2,268.38	-3,062.68	1,655.05	1,541.27	113.78	14.546			
10,500.00	7,240.80	7,214.67	7,214.27	102.43	30.80	-89.36	-2,268.38	-3,062.68	1,595.48	1,477.17	118.31	13.486			
10,600.00	7,241.01	7,215.15	7,214.74	105.10	30.80	-89.38	-2,268.39	-3,062.68	1,540.10	1,417.08	123.02	12.519			
10,700.00	7,241.22	7,215.62	7,215.21	107.79	30.80	-89.41	-2,268.39	-3,062.68	1,489.39	1,361.52	127.87	11.648			
10,800.00	7,241.43	7,216.09	7,215.68	110.48	30.81	-89.43	-2,268.39	-3,062.68	1,443.84	1,311.05	132.78	10.874			
10,900.00	7,241.65	7,216.56	7,216.15	113.18	30.81	-89.45	-2,268.40	-3,062.68	1,403.93	1,266.27	137.66	10.198			
11,000.00	7,241.86	7,217.03	7,216.62	115.89	30.81	-89.47	-2,268.40	-3,062.68	1,370.18	1,227.78	142.41	9.622			
11,100.00	7,242.07	7,217.50	7,217.09	118.60	30.81	-89.49	-2,268.40	-3,062.68	1,343.04	1,196.15	146.89	9.143			
11,200.00	7,242.29	7,217.97	7,217.56	121.32	30.81	-89.51	-2,268.41	-3,062.69	1,322.93	1,171.93	151.00	8.761			
11,300.00	7,242.50	7,218.44	7,218.04	124.05	30.82	-89.53	-2,268.41	-3,062.69	1,310.15	1,155.54	154.61	8.474			
11,400.00	7,242.71	7,218.92	7,218.51	126.78	30.82	-89.55	-2,268.42	-3,062.69	1,304.94	1,147.32	157.62	8.279			
11,418.17	7,242.75	7,219.00	7,218.59	127.28	30.82	-89.55	-2,268.42	-3,062.69	1,304.81	1,146.72	158.09	8.253 CC, ES			
11,500.00	7,242.93	7,219.39	7,218.98	129.52	30.82	-89.57	-2,268.42	-3,062.69	1,307.38	1,147.42	159.96	8.173			
11,600.00	7,243.14	7,219.86	7,219.45	132.27	30.82	-89.59	-2,268.42	-3,062.69	1,317.42	1,155.84	161.59	8.153 SF			
11,700.00	7,243.35	7,220.33	7,219.92	135.02	30.82	-89.61	-2,268.43	-3,062.69	1,334.90	1,172.39	162.51	8.214			
11,800.00	7,243.57	7,220.80	7,220.39	137.77	30.83	-89.63	-2,268.43	-3,062.69	1,359.53	1,196.77	162.77	8.353			
11,900.00	7,243.78	7,221.27	7,220.86	140.53	30.83	-89.65	-2,268.43	-3,062.69	1,390.93	1,228.52	162.42	8.564			
12,000.00	7,243.99	7,221.74	7,221.34	143.29	30.83	-89.67	-2,268.44	-3,062.70	1,428.66	1,267.11	161.55	8.843			
12,100.00	7,244.20	7,222.22	7,221.81	146.05	30.83	-89.70	-2,268.44	-3,062.70	1,472.22	1,311.97	160.25	9.187			
12,200.00	7,244.42	7,222.69	7,222.28	148.82	30.83	-89.72	-2,268.44	-3,062.70	1,521.11	1,362.50	158.62	9.590			
12,300.00	7,244.63	7,223.16	7,222.75	151.60	30.84	-89.74	-2,268.45	-3,062.70	1,574.85	1,418.12	156.73	10.048			
12,400.00	7,244.84	7,223.63	7,223.22	154.37	30.84	-89.76	-2,268.45	-3,062.70	1,632.95	1,478.27	154.67	10.557			
12,500.00	7,245.06	7,224.10	7,223.69	157.15	30.84	-89.78	-2,268.46	-3,062.70	1,694.96	1,542.45	152.50	11.114			
12,600.00	7,245.27	7,224.57	7,224.16	159.93	30.84	-89.80	-2,268.46	-3,062.70	1,760.47	1,610.19	150.28	11.715			
12,700.00	7,245.48	7,225.04	7,224.63	162.71	30.84	-89.82	-2,268.46	-3,062.70	1,829.10	1,681.07	148.03	12.356			
12,800.00	7,245.70	7,225.52	7,225.11	165.50	30.85	-89.84	-2,268.47	-3,062.71	1,900.52	1,754.71	145.81	13.035			
12,900.00	7,245.91	7,225.99	7,225.58	168.29	30.85	-89.86	-2,268.47	-3,062.71	1,974.42	1,830.80	143.62	13.747			
13,000.00	7,246.12	7,226.46	7,226.05	171.08	30.85	-89.88	-2,268.47	-3,062.71	2,050.53	1,909.04	141.49	14.492			
13,100.00	7,246.33	7,226.93	7,226.52	173.87	30.85	-89.90	-2,268.48	-3,062.71	2,128.62	1,989.19	139.43	15.266			
13,200.00	7,246.55	7,227.40	7,226.99	176.67	30.85	-89.92	-2,268.48	-3,062.71	2,208.48	2,071.03	137.45	16.067			
13,300.00	7,246.76	7,227.87	7,227.46	179.47	30.86	-89.94	-2,268.49	-3,062.71	2,289.93	2,154.37	135.55	16.893			
13,400.00	7,246.97	7,228.34	7,227.93	182.27	30.86	-89.96	-2,268.49	-3,062.71	2,372.79	2,239.05	133.74	17.742			
13,500.00	7,247.19	7,228.81	7,228.41	185.07	30.86	-89.98	-2,268.49	-3,062.71	2,456.92	2,324.92	132.01	18.612			
13,600.00	7,247.40	7,229.29	7,228.88	187.87	30.86	-90.01	-2,268.50	-3,062.71	2,542.21	2,411.85	130.36	19.502			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Jeff #1 - OH - OH														Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,700.00	7,247.61	7,229.76	7,229.35	190.68	30.86	-90.03	-2,268.50	-3,062.72	2,628.53	2,499.75	128.79	20.410			
13,800.00	7,247.83	7,230.23	7,229.82	193.48	30.87	-90.05	-2,268.50	-3,062.72	2,715.80	2,588.50	127.30	21.334			
13,900.00	7,248.04	7,230.70	7,230.29	196.29	30.87	-90.07	-2,268.51	-3,062.72	2,803.91	2,678.03	125.88	22.274			
14,000.00	7,248.25	7,231.17	7,230.76	199.10	30.87	-90.09	-2,268.51	-3,062.72	2,892.79	2,768.26	124.54	23.229			
14,100.00	7,248.46	7,231.64	7,231.23	201.91	30.87	-90.11	-2,268.51	-3,062.72	2,982.38	2,859.13	123.26	24.196			
14,200.00	7,248.68	7,232.11	7,231.71	204.72	30.87	-90.13	-2,268.52	-3,062.72	3,072.62	2,950.57	122.04	25.176			
14,300.00	7,248.89	7,232.59	7,232.18	207.53	30.88	-90.15	-2,268.52	-3,062.72	3,163.43	3,042.54	120.89	26.167			
14,400.00	7,249.10	7,233.06	7,232.65	210.35	30.88	-90.17	-2,268.53	-3,062.72	3,254.79	3,134.99	119.80	27.169			
14,500.00	7,249.32	7,233.53	7,233.12	213.16	30.88	-90.19	-2,268.53	-3,062.73	3,346.64	3,227.88	118.76	28.180			
14,600.00	7,249.53	7,234.00	7,233.59	215.98	30.88	-90.21	-2,268.53	-3,062.73	3,438.95	3,321.18	117.77	29.200			
14,700.00	7,249.74	7,234.47	7,234.06	218.80	30.88	-90.23	-2,268.54	-3,062.73	3,531.68	3,414.84	116.83	30.229			
14,800.00	7,249.96	7,234.94	7,234.53	221.62	30.89	-90.25	-2,268.54	-3,062.73	3,624.79	3,508.85	115.94	31.265			
14,900.00	7,250.17	7,235.41	7,235.00	224.44	30.89	-90.27	-2,268.54	-3,062.73	3,718.26	3,603.17	115.09	32.308			
15,000.00	7,250.38	7,235.89	7,235.48	227.26	30.89	-90.30	-2,268.55	-3,062.73	3,812.06	3,697.78	114.28	33.358			
15,100.00	7,250.59	7,236.36	7,235.95	230.08	30.89	-90.32	-2,268.55	-3,062.73	3,906.17	3,792.66	113.51	34.414			
15,200.00	7,250.81	7,236.83	7,236.42	232.90	30.89	-90.34	-2,268.55	-3,062.73	4,000.56	3,887.79	112.77	35.475			
15,300.00	7,251.02	7,237.30	7,236.89	235.72	30.90	-90.36	-2,268.56	-3,062.74	4,095.22	3,983.15	112.07	36.542			
15,400.00	7,251.23	7,237.77	7,237.36	238.55	30.90	-90.38	-2,268.56	-3,062.74	4,190.13	4,078.73	111.40	37.613			
15,500.00	7,251.45	7,238.24	7,237.83	241.37	30.90	-90.40	-2,268.57	-3,062.74	4,285.27	4,174.51	110.76	38.689			
15,600.00	7,251.66	7,238.71	7,238.30	244.20	30.90	-90.42	-2,268.57	-3,062.74	4,380.63	4,270.47	110.15	39.769			
15,700.00	7,251.87	7,239.18	7,238.78	247.03	30.91	-90.44	-2,268.57	-3,062.74	4,476.18	4,366.61	109.57	40.852			
15,800.00	7,252.09	7,239.66	7,239.25	249.85	30.91	-90.46	-2,268.58	-3,062.74	4,571.93	4,462.92	109.01	41.939			
15,900.00	7,252.30	7,240.13	7,239.72	252.68	30.91	-90.48	-2,268.58	-3,062.74	4,667.86	4,559.38	108.48	43.029			
16,000.00	7,252.51	7,240.60	7,240.19	255.51	30.91	-90.50	-2,268.58	-3,062.74	4,763.96	4,655.98	107.97	44.121			
16,100.00	7,252.72	7,241.07	7,240.66	258.34	30.91	-90.52	-2,268.59	-3,062.74	4,860.21	4,752.72	107.49	45.216			
16,200.00	7,252.94	7,241.54	7,241.13	261.17	30.92	-90.54	-2,268.59	-3,062.75	4,956.61	4,849.59	107.02	46.313			
16,300.00	7,253.15	7,242.01	7,241.60	264.00	30.92	-90.56	-2,268.60	-3,062.75	5,053.15	4,946.57	106.58	47.413			
16,400.00	7,253.36	7,242.48	7,242.07	266.83	30.92	-90.58	-2,268.60	-3,062.75	5,149.82	5,043.67	106.15	48.514			
16,500.00	7,253.58	7,242.96	7,242.55	269.66	30.92	-90.61	-2,268.60	-3,062.75	5,246.62	5,140.88	105.74	49.617			
16,600.00	7,253.79	7,243.43	7,243.02	272.50	30.92	-90.63	-2,268.61	-3,062.75	5,343.53	5,238.18	105.35	50.721			
16,700.00	7,254.00	7,243.90	7,243.49	275.33	30.93	-90.65	-2,268.61	-3,062.75	5,440.56	5,335.58	104.98	51.827			
16,800.00	7,254.22	7,244.37	7,243.96	278.16	30.93	-90.67	-2,268.61	-3,062.75	5,537.69	5,433.08	104.62	52.933			
16,900.00	7,254.43	7,244.84	7,244.43	281.00	30.93	-90.69	-2,268.62	-3,062.75	5,634.92	5,530.65	104.27	54.041			
17,000.00	7,254.64	7,245.31	7,244.90	283.83	30.93	-90.71	-2,268.62	-3,062.76	5,732.25	5,628.31	103.94	55.149			
17,100.00	7,254.85	7,245.78	7,245.37	286.67	30.93	-90.73	-2,268.62	-3,062.76	5,829.67	5,726.05	103.62	56.258			
17,200.00	7,255.07	7,246.26	7,245.85	289.50	30.94	-90.75	-2,268.63	-3,062.76	5,927.17	5,823.85	103.32	57.367			
17,300.00	7,255.28	7,246.73	7,246.32	292.34	30.94	-90.77	-2,268.63	-3,062.76	6,024.76	5,921.73	103.03	58.477			
17,400.00	7,255.49	7,247.20	7,246.79	295.17	30.94	-90.79	-2,268.64	-3,062.76	6,122.42	6,019.68	102.75	59.587			
17,500.00	7,255.71	7,247.67	7,247.26	298.01	30.94	-90.81	-2,268.64	-3,062.76	6,220.16	6,117.68	102.48	60.697			
17,600.00	7,255.92	7,248.14	7,247.73	300.85	30.94	-90.83	-2,268.64	-3,062.76	6,317.97	6,215.75	102.22	61.807			
17,700.00	7,256.13	7,248.61	7,248.20	303.68	30.95	-90.85	-2,268.65	-3,062.76	6,415.85	6,313.87	101.97	62.916			
17,800.00	7,256.35	7,249.08	7,248.67	306.52	30.95	-90.87	-2,268.65	-3,062.77	6,513.79	6,412.05	101.74	64.026			
17,900.00	7,256.56	7,249.55	7,249.14	309.36	30.95	-90.90	-2,268.65	-3,062.77	6,611.79	6,510.28	101.51	65.135			
18,000.00	7,256.77	7,250.03	7,249.62	312.20	30.95	-90.92	-2,268.66	-3,062.77	6,709.85	6,608.56	101.29	66.244			
18,100.00	7,256.98	7,250.50	7,250.09	315.04	30.95	-90.94	-2,268.66	-3,062.77	6,807.97	6,706.89	101.08	67.352			
18,200.00	7,257.20	7,250.97	7,250.56	317.88	30.96	-90.96	-2,268.67	-3,062.77	6,906.14	6,805.26	100.88	68.459			
18,300.00	7,257.41	7,251.44	7,251.03	320.72	30.96	-90.98	-2,268.67	-3,062.77	7,004.36	6,903.68	100.69	69.566			
18,400.00	7,257.62	7,251.91	7,251.50	323.56	30.96	-91.00	-2,268.67	-3,062.77	7,102.64	7,002.14	100.50	70.672			
18,500.00	7,257.84	7,252.38	7,251.97	326.40	30.96	-91.02	-2,268.68	-3,062.77	7,200.96	7,100.63	100.32	71.777			
18,600.00	7,258.05	7,252.85	7,252.44	329.24	30.96	-91.04	-2,268.68	-3,062.77	7,299.32	7,199.17	100.15	72.881			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - Jeff #1 - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-GYRO-NS														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
18,700.00	7,258.26	7,253.33	7,252.92	332.08	30.97	-91.06	-2,268.68	-3,062.78	7,397.73	7,297.74	99.99	73.984		
18,800.00	7,258.48	7,253.80	7,253.39	334.92	30.97	-91.08	-2,268.69	-3,062.78	7,496.19	7,396.35	99.83	75.086		
18,900.00	7,258.69	7,254.27	7,253.86	337.76	30.97	-91.10	-2,268.69	-3,062.78	7,594.68	7,494.99	99.68	76.187		
19,000.00	7,258.90	7,254.74	7,254.33	340.60	30.97	-91.12	-2,268.69	-3,062.78	7,693.21	7,593.67	99.54	77.286		
19,046.19	7,259.00	7,254.96	7,254.55	341.92	30.97	-91.13	-2,268.70	-3,062.78	7,738.73	7,639.25	99.48	77.794		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - JOHNSON #1(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-GYRO-NS														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	5.50	5.50	3.28	3.28	-120.49	-998.87	-1,696.47	1,968.69					
100.00	100.00	115.42	115.42	3.28	3.29	-120.48	-998.56	-1,696.29	1,968.41	1,961.84	6.57	299.412		
200.00	200.00	213.91	213.91	3.34	3.35	-120.49	-998.48	-1,695.81	1,967.95	1,961.26	6.69	294.093		
300.00	300.00	310.67	310.67	3.44	3.47	-120.50	-998.63	-1,695.30	1,967.58	1,960.66	6.91	284.741		
317.06	317.06	326.93	326.92	3.47	3.49	114.50	-998.67	-1,695.23	1,967.55	1,960.59	6.96	282.861		
400.00	399.98	406.40	406.39	3.60	3.62	114.52	-998.89	-1,694.97	1,968.13	1,960.92	7.22	272.779		
500.00	499.84	509.01	509.00	3.79	3.82	114.62	-999.06	-1,694.70	1,970.17	1,962.55	7.61	258.767		
600.00	599.45	606.04	606.03	4.03	4.05	114.78	-999.05	-1,694.55	1,973.69	1,965.61	8.08	244.324		
700.00	698.70	693.42	693.41	4.30	4.28	114.96	-999.01	-1,694.81	1,979.08	1,970.50	8.58	230.626		
800.00	797.47	788.78	788.77	4.61	4.55	115.23	-999.17	-1,695.41	1,986.41	1,977.25	9.16	216.830		
900.00	895.62	893.72	893.71	4.95	4.88	115.59	-999.34	-1,695.96	1,995.27	1,985.45	9.82	203.115		
1,000.00	993.06	991.87	991.86	5.33	5.19	115.99	-999.16	-1,696.41	2,005.59	1,995.07	10.52	190.734		
1,100.00	1,090.08	1,094.77	1,094.76	5.74	5.54	116.63	-999.10	-1,696.65	2,016.75	2,005.49	11.26	179.053		
1,200.00	1,187.11	1,184.90	1,184.89	6.17	5.86	117.18	-999.39	-1,696.67	2,028.14	2,016.14	12.00	169.054		
1,300.00	1,284.14	1,270.11	1,270.10	6.61	6.16	117.69	-999.90	-1,697.01	2,040.19	2,027.45	12.74	160.200		
1,400.00	1,381.17	1,364.88	1,364.86	7.07	6.51	118.27	-1,000.20	-1,698.00	2,052.90	2,039.37	13.53	151.750		
1,500.00	1,478.20	1,474.69	1,474.67	7.55	6.92	118.91	-1,001.05	-1,698.56	2,065.56	2,051.16	14.40	143.470		
1,600.00	1,575.23	1,586.23	1,586.21	8.03	7.34	119.55	-1,001.70	-1,698.32	2,077.69	2,062.40	15.29	135.897		
1,700.00	1,672.26	1,691.93	1,691.90	8.52	7.75	120.14	-1,002.07	-1,697.56	2,089.48	2,073.32	16.17	129.224		
1,800.00	1,769.29	1,768.24	1,768.21	9.01	8.04	120.58	-1,002.14	-1,697.30	2,101.73	2,084.79	16.94	124.081		
1,900.00	1,866.32	1,857.45	1,857.42	9.51	8.39	121.09	-1,002.27	-1,697.87	2,115.04	2,097.27	17.77	119.045		
2,000.00	1,963.35	1,957.75	1,957.72	10.02	8.79	121.64	-1,002.83	-1,698.26	2,128.48	2,109.84	18.65	114.134		
2,100.00	2,060.38	2,061.97	2,061.93	10.53	9.21	122.21	-1,003.35	-1,698.46	2,141.93	2,122.38	19.55	109.537		
2,200.00	2,157.41	2,159.18	2,159.14	11.04	9.60	122.73	-1,003.78	-1,698.37	2,155.28	2,134.84	20.43	105.474		
2,300.00	2,254.44	2,250.44	2,250.40	11.56	9.96	123.23	-1,003.84	-1,698.62	2,169.01	2,147.72	21.29	101.874		
2,400.00	2,351.47	2,347.55	2,347.51	12.07	10.36	123.74	-1,004.21	-1,698.99	2,183.13	2,160.95	22.18	98.439		
2,500.00	2,448.50	2,448.78	2,448.74	12.59	10.77	124.27	-1,004.71	-1,699.11	2,197.23	2,174.14	23.09	95.176		
2,600.00	2,545.53	2,547.72	2,547.67	13.12	11.17	124.78	-1,005.19	-1,699.12	2,211.40	2,187.41	23.99	92.195		
2,700.00	2,642.56	2,648.07	2,648.03	13.64	11.58	125.29	-1,005.57	-1,699.06	2,225.63	2,200.74	24.89	89.401		
2,800.00	2,739.59	2,744.27	2,744.23	14.17	11.98	125.77	-1,005.94	-1,698.87	2,239.91	2,214.12	25.79	86.865		
2,900.00	2,836.62	2,844.28	2,844.23	14.69	12.39	126.25	-1,006.66	-1,698.71	2,254.48	2,227.79	26.70	84.448		
3,000.00	2,933.65	2,945.06	2,945.01	15.22	12.81	126.74	-1,007.25	-1,698.16	2,268.81	2,241.20	27.61	82.166		
3,100.00	3,030.68	3,037.90	3,037.85	15.75	13.19	127.18	-1,007.60	-1,697.94	2,283.51	2,255.02	28.49	80.148		
3,200.00	3,127.71	3,133.28	3,133.23	16.28	13.59	127.64	-1,007.87	-1,697.72	2,298.35	2,268.97	29.38	78.221		
3,300.00	3,224.74	3,219.84	3,219.79	16.82	13.95	128.05	-1,008.18	-1,697.83	2,313.69	2,283.46	30.23	76.534		
3,400.00	3,321.76	3,310.76	3,310.71	17.35	14.33	128.48	-1,008.41	-1,698.32	2,329.54	2,298.44	31.10	74.903		
3,500.00	3,418.79	3,412.98	3,412.92	17.88	14.75	128.95	-1,008.91	-1,698.77	2,345.50	2,313.48	32.03	73.233		
3,600.00	3,515.82	3,508.01	3,507.95	18.42	15.15	129.38	-1,009.28	-1,699.17	2,361.57	2,328.65	32.92	71.738		
3,700.00	3,612.85	3,594.85	3,594.79	18.95	15.51	129.77	-1,009.64	-1,699.77	2,378.03	2,344.26	33.77	70.422		
3,800.00	3,709.88	3,702.59	3,702.52	19.49	15.97	130.24	-1,010.59	-1,700.38	2,394.63	2,359.90	34.73	68.957		
3,900.00	3,806.91	3,799.41	3,799.33	20.02	16.37	130.65	-1,011.71	-1,700.63	2,411.12	2,375.49	35.63	67.676		
4,000.00	3,903.94	3,887.87	3,887.79	20.56	16.74	131.01	-1,012.69	-1,701.04	2,427.91	2,391.42	36.48	66.546		
4,100.00	4,000.97	3,975.07	3,974.99	21.09	17.11	131.38	-1,013.41	-1,701.82	2,445.18	2,407.85	37.33	65.494		
4,200.00	4,098.00	4,068.55	4,068.46	21.63	17.50	131.78	-1,013.83	-1,703.05	2,462.88	2,424.67	38.22	64.446		
4,300.00	4,195.03	4,163.68	4,163.58	22.17	17.90	132.18	-1,014.14	-1,704.37	2,480.76	2,441.66	39.11	63.435		
4,400.00	4,292.06	4,275.66	4,275.54	22.71	18.37	132.66	-1,013.92	-1,705.88	2,498.65	2,458.56	40.09	62.326		
4,500.00	4,389.09	4,395.73	4,395.60	23.25	18.88	133.19	-1,012.53	-1,706.63	2,515.78	2,474.66	41.11	61.191		
4,600.00	4,486.12	4,508.91	4,508.77	23.78	19.35	133.67	-1,011.25	-1,706.44	2,532.29	2,490.19	42.10	60.151		
4,700.00	4,583.15	4,598.23	4,598.09	24.32	19.73	134.04	-1,010.64	-1,706.09	2,548.81	2,505.85	42.96	59.332		
4,800.00	4,680.18	4,688.62	4,688.48	24.86	20.10	134.41	-1,010.10	-1,705.95	2,565.68	2,521.86	43.82	58.548		
4,900.00	4,777.21	4,810.55	4,810.40	25.40	20.62	134.91	-1,008.86	-1,705.48	2,582.41	2,537.55	44.85	57.573		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - JOHNSON #1(PA) - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 100-GYRO-NS													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,874.24	4,888.50	4,888.35	25.94	20.94	135.22	-1,008.40	-1,705.06	2,599.14	2,553.49	45.65	56.934		
5,100.00	4,971.27	5,001.63	5,001.47	26.48	21.42	135.65	-1,008.10	-1,704.44	2,616.06	2,569.42	46.64	56.093		
5,200.00	5,068.30	5,080.51	5,080.35	27.02	21.75	135.95	-1,007.71	-1,704.01	2,633.05	2,585.61	47.44	55.505		
5,300.00	5,165.33	5,168.79	5,168.64	27.56	22.12	136.29	-1,007.11	-1,704.05	2,650.67	2,602.39	48.29	54.893		
5,400.00	5,262.36	5,261.84	5,261.68	28.10	22.52	136.64	-1,006.43	-1,704.28	2,668.61	2,619.45	49.16	54.280		
5,500.00	5,359.39	5,356.98	5,356.82	28.64	22.92	137.00	-1,005.72	-1,704.62	2,686.76	2,636.71	50.05	53.681		
5,600.00	5,456.42	5,450.35	5,450.19	29.18	23.31	137.35	-1,005.15	-1,704.99	2,705.07	2,654.14	50.93	53.117		
5,700.00	5,553.45	5,548.75	5,548.58	29.72	23.73	137.70	-1,004.68	-1,705.50	2,723.62	2,671.78	51.83	52.547		
5,800.00	5,650.47	5,645.38	5,645.20	30.27	24.14	138.05	-1,004.25	-1,705.82	2,742.08	2,689.35	52.73	52.005		
5,900.00	5,747.50	5,739.20	5,739.02	30.81	24.53	138.38	-1,003.84	-1,706.34	2,760.86	2,707.26	53.60	51.504		
6,000.00	5,844.53	5,841.75	5,841.57	31.35	24.97	138.74	-1,003.26	-1,706.77	2,779.59	2,725.06	54.53	50.970		
6,100.00	5,941.56	5,935.12	5,934.94	31.89	25.36	139.06	-1,002.86	-1,707.08	2,798.35	2,742.94	55.41	50.504		
6,200.00	6,038.59	6,036.51	6,036.33	32.43	25.79	139.40	-1,002.65	-1,707.65	2,817.45	2,761.12	56.33	50.017		
6,300.00	6,135.62	6,143.83	6,143.65	32.97	26.25	139.75	-1,002.52	-1,707.42	2,835.85	2,778.56	57.29	49.503		
6,400.00	6,232.65	6,221.79	6,221.61	33.51	26.58	139.99	-1,002.61	-1,707.63	2,854.84	2,796.77	58.07	49.163		
6,500.00	6,329.68	6,306.73	6,306.54	34.06	26.94	140.25	-1,003.20	-1,708.23	2,874.38	2,815.49	58.89	48.808		
6,600.00	6,426.71	6,382.48	6,382.28	34.60	27.26	140.48	-1,003.85	-1,709.21	2,894.57	2,834.92	59.66	48.521		
6,655.36	6,480.43	6,429.18	6,428.98	34.90	27.46	140.62	-1,004.10	-1,710.06	2,906.06	2,845.95	60.11	48.348		
6,700.00	6,524.01	6,469.87	6,469.66	35.13	27.63	128.59	-1,004.06	-1,710.88	2,913.86	2,853.38	60.48	48.177		
6,750.00	6,573.29	6,515.70	6,515.48	35.36	27.83	106.24	-1,003.72	-1,711.86	2,918.99	2,858.10	60.89	47.940		
6,800.00	6,622.76	6,561.45	6,561.21	35.56	28.02	76.04	-1,003.17	-1,712.90	2,920.29	2,859.02	61.27	47.662		
6,850.00	6,672.13	6,618.78	6,618.52	35.73	28.27	50.81	-1,002.23	-1,714.26	2,917.74	2,856.04	61.70	47.289		
6,900.00	6,721.08	6,714.17	6,713.88	35.88	28.67	35.60	-1,000.25	-1,715.38	2,910.62	2,848.28	62.34	46.690		
6,950.00	6,769.31	6,758.10	6,757.80	36.03	28.86	26.60	-999.43	-1,715.63	2,899.46	2,836.82	62.64	46.289		
7,000.00	6,816.53	6,801.35	6,801.04	36.18	29.04	20.99	-998.82	-1,715.93	2,884.59	2,821.68	62.92	45.848		
7,050.00	6,862.44	6,847.58	6,847.27	36.34	29.24	17.27	-998.22	-1,716.28	2,866.07	2,802.88	63.20	45.352		
7,100.00	6,906.77	6,892.21	6,891.89	36.50	29.43	14.65	-997.55	-1,716.62	2,843.98	2,780.53	63.45	44.822		
7,150.00	6,949.23	6,939.35	6,939.03	36.68	29.63	12.74	-996.74	-1,716.95	2,818.43	2,754.72	63.71	44.239		
7,200.00	6,989.58	6,984.94	6,984.61	36.87	29.82	11.31	-995.79	-1,717.18	2,789.52	2,725.57	63.95	43.622		
7,250.00	7,027.55	7,025.59	7,025.24	37.09	29.99	10.18	-994.85	-1,717.33	2,757.45	2,693.31	64.15	42.987		
7,300.00	7,062.91	7,062.32	7,061.97	37.32	30.15	9.27	-994.00	-1,717.45	2,722.47	2,658.15	64.32	42.330		
7,350.00	7,095.45	7,096.11	7,095.74	37.59	30.29	8.53	-993.22	-1,717.54	2,684.78	2,620.32	64.46	41.650		
7,400.00	7,124.97	7,125.75	7,125.38	37.88	30.42	7.88	-992.53	-1,717.60	2,644.64	2,580.06	64.58	40.952		
7,450.00	7,151.28	7,152.06	7,151.68	38.21	30.53	7.30	-991.92	-1,717.66	2,602.28	2,537.61	64.68	40.235		
7,500.00	7,174.22	7,175.01	7,174.63	38.58	30.63	6.74	-991.39	-1,717.72	2,557.98	2,493.23	64.76	39.501		
7,550.00	7,193.65	7,194.47	7,194.08	38.98	30.71	6.13	-990.94	-1,717.76	2,512.01	2,447.19	64.82	38.754		
7,600.00	7,209.45	7,210.32	7,209.93	39.43	30.78	5.36	-990.58	-1,717.80	2,464.64	2,399.77	64.87	37.995		
7,650.00	7,221.52	7,222.46	7,222.06	39.91	30.83	4.17	-990.30	-1,717.83	2,416.16	2,351.26	64.90	37.228		
7,700.00	7,229.79	7,230.81	7,230.41	40.42	30.87	1.67	-990.11	-1,717.85	2,366.88	2,301.96	64.92	36.456		
7,750.00	7,234.21	7,235.32	7,234.92	40.97	30.89	-8.32	-990.00	-1,717.86	2,317.10	2,252.16	64.94	35.683		
7,780.56	7,235.00	7,236.17	7,235.77	41.32	30.89	-74.67	-989.98	-1,717.86	2,286.55	2,221.61	64.94	35.211		
7,800.00	7,235.04	7,236.26	7,235.86	41.54	30.89	-74.80	-989.98	-1,717.86	2,267.12	2,202.18	64.94	34.911		
7,900.00	7,235.26	7,236.69	7,236.29	42.82	30.89	-75.49	-989.97	-1,717.86	2,167.13	2,102.18	64.95	33.368		
8,000.00	7,235.47	7,237.12	7,236.72	44.25	30.89	-76.19	-989.96	-1,717.86	2,067.14	2,002.19	64.95	31.825		
8,100.00	7,235.68	7,237.55	7,237.15	45.82	30.90	-76.89	-989.95	-1,717.86	1,967.16	1,902.19	64.96	30.281		
8,200.00	7,235.90	7,237.98	7,237.58	47.52	30.90	-77.59	-989.94	-1,717.86	1,867.17	1,802.20	64.98	28.737		
8,300.00	7,236.11	7,238.42	7,238.01	49.34	30.90	-78.30	-989.93	-1,717.86	1,767.19	1,702.20	64.99	27.192		
8,400.00	7,236.32	7,238.85	7,238.44	51.25	30.90	-79.02	-989.92	-1,717.86	1,667.21	1,602.20	65.01	25.647		
8,500.00	7,236.54	7,239.28	7,238.88	53.26	30.90	-79.74	-989.91	-1,717.87	1,567.23	1,502.21	65.02	24.102		
8,600.00	7,236.75	7,239.71	7,239.31	55.34	30.91	-80.46	-989.90	-1,717.87	1,467.25	1,402.21	65.05	22.557		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - JOHNSON #1(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-GYRO-NS														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,236.96	7,240.14	7,239.74	57.50	30.91	-81.18	-989.89	-1,717.87	1,367.28	1,302.21	65.07	21.012		
8,800.00	7,237.17	7,240.57	7,240.17	59.71	30.91	-81.91	-989.88	-1,717.87	1,267.31	1,202.21	65.10	19.466		
8,900.00	7,237.39	7,241.01	7,240.60	61.98	30.91	-82.64	-989.87	-1,717.87	1,167.35	1,102.21	65.14	17.921		
9,000.00	7,237.60	7,241.44	7,241.03	64.29	30.91	-83.38	-989.86	-1,717.87	1,067.40	1,002.22	65.18	16.376		
9,100.00	7,237.81	7,241.87	7,241.46	66.65	30.91	-84.11	-989.85	-1,717.87	967.45	902.22	65.23	14.831		
9,200.00	7,238.03	7,242.30	7,241.90	69.05	30.92	-84.85	-989.84	-1,717.87	867.52	802.22	65.30	13.285		
9,300.00	7,238.24	7,242.73	7,242.33	71.48	30.92	-85.59	-989.83	-1,717.87	767.60	702.22	65.38	11.740		
9,400.00	7,238.45	7,243.16	7,242.76	73.95	30.92	-86.34	-989.82	-1,717.87	667.71	602.21	65.49	10.195		
9,500.00	7,238.67	7,243.59	7,243.19	76.44	30.92	-87.08	-989.81	-1,717.88	567.85	502.20	65.65	8.649		
9,600.00	7,238.88	7,244.03	7,243.62	78.96	30.92	-87.83	-989.80	-1,717.88	468.06	402.16	65.90	7.102		
9,700.00	7,239.09	7,244.46	7,244.05	81.50	30.93	-88.58	-989.79	-1,717.88	368.37	302.05	66.33	5.554		
9,800.00	7,239.30	7,244.89	7,244.48	84.06	30.93	-89.32	-989.78	-1,717.88	268.92	201.71	67.21	4.001		
9,900.00	7,239.52	7,245.32	7,244.92	86.64	30.93	-90.07	-989.77	-1,717.88	170.12	100.42	69.70	2.441		
10,000.00	7,239.73	7,245.75	7,245.35	89.23	30.93	-90.82	-989.76	-1,717.88	74.58	-8.32	82.90	0.900 Level 1		
10,066.90	7,239.87	7,246.04	7,245.64	90.98	30.93	-91.32	-989.75	-1,717.88	32.97	-88.76	121.73	0.271 Level 1, CC, ES, SF		
10,100.00	7,239.94	7,246.18	7,245.78	91.85	30.93	-91.57	-989.75	-1,717.88	46.72	-51.32	98.04	0.477 Level 1		
10,200.00	7,240.16	7,246.62	7,246.21	94.47	30.94	-92.32	-989.74	-1,717.88	137.12	67.58	69.55	1.972		
10,300.00	7,240.37	7,247.05	7,246.64	97.11	30.94	-93.07	-989.73	-1,717.88	235.42	169.02	66.41	3.545		
10,400.00	7,240.58	7,247.48	7,247.07	99.76	30.94	-93.82	-989.72	-1,717.88	334.73	269.08	65.65	5.099		
10,500.00	7,240.80	7,247.91	7,247.50	102.43	30.94	-94.57	-989.71	-1,717.89	434.35	368.95	65.40	6.642		
10,600.00	7,241.01	7,248.34	7,247.94	105.10	30.94	-95.31	-989.70	-1,717.89	534.12	468.81	65.30	8.179		
10,700.00	7,241.22	7,248.77	7,248.37	107.79	30.94	-96.06	-989.69	-1,717.89	633.95	568.68	65.27	9.712		
10,800.00	7,241.43	7,249.20	7,248.80	110.48	30.95	-96.80	-989.68	-1,717.89	733.84	668.56	65.27	11.242		
10,900.00	7,241.65	7,249.64	7,249.23	113.18	30.95	-97.55	-989.67	-1,717.89	833.75	768.46	65.29	12.770		
11,000.00	7,241.86	7,250.07	7,249.66	115.89	30.95	-98.29	-989.66	-1,717.89	933.68	868.36	65.31	14.295		
11,100.00	7,242.07	7,250.50	7,250.09	118.60	30.95	-99.02	-989.65	-1,717.89	1,033.62	968.28	65.34	15.818		
11,200.00	7,242.29	7,250.93	7,250.52	121.32	30.95	-99.76	-989.64	-1,717.89	1,133.57	1,068.20	65.38	17.339		
11,300.00	7,242.50	7,251.36	7,250.95	124.05	30.96	-100.49	-989.63	-1,717.89	1,233.53	1,168.12	65.41	18.858		
11,400.00	7,242.71	7,251.79	7,251.39	126.78	30.96	-101.22	-989.62	-1,717.89	1,333.50	1,268.05	65.45	20.374		
11,500.00	7,242.93	7,252.22	7,251.82	129.52	30.96	-101.95	-989.61	-1,717.90	1,433.47	1,367.98	65.49	21.888		
11,600.00	7,243.14	7,252.66	7,252.25	132.27	30.96	-102.67	-989.60	-1,717.90	1,533.44	1,467.91	65.53	23.400		
11,700.00	7,243.35	7,253.09	7,252.68	135.02	30.96	-103.39	-989.59	-1,717.90	1,633.42	1,567.85	65.57	24.910		
11,800.00	7,243.57	7,253.52	7,253.11	137.77	30.96	-104.10	-989.58	-1,717.90	1,733.40	1,667.78	65.62	26.417		
11,900.00	7,243.78	7,253.95	7,253.54	140.53	30.97	-104.81	-989.57	-1,717.90	1,833.38	1,767.72	65.66	27.921		
12,000.00	7,243.99	7,254.38	7,253.97	143.29	30.97	-105.52	-989.56	-1,717.90	1,933.37	1,867.66	65.71	29.424		
12,100.00	7,244.20	7,254.81	7,254.41	146.05	30.97	-106.22	-989.55	-1,717.90	2,033.35	1,967.60	65.75	30.923		
12,200.00	7,244.42	7,255.25	7,254.84	148.82	30.97	-106.92	-989.54	-1,717.90	2,133.34	2,067.54	65.80	32.420		
12,300.00	7,244.63	7,255.68	7,255.27	151.60	30.97	-107.61	-989.53	-1,717.90	2,233.32	2,167.47	65.85	33.915		
12,400.00	7,244.84	7,256.11	7,255.70	154.37	30.98	-108.30	-989.52	-1,717.90	2,333.31	2,267.41	65.90	35.407		
12,500.00	7,245.06	7,256.54	7,256.13	157.15	30.98	-108.99	-989.51	-1,717.91	2,433.30	2,367.35	65.95	36.896		
12,600.00	7,245.27	7,256.97	7,256.56	159.93	30.98	-109.66	-989.50	-1,717.91	2,533.29	2,467.29	66.00	38.382		
12,700.00	7,245.48	7,257.40	7,256.99	162.71	30.98	-110.34	-989.49	-1,717.91	2,633.28	2,567.23	66.05	39.865		
12,800.00	7,245.70	7,257.83	7,257.43	165.50	30.98	-111.01	-989.48	-1,717.91	2,733.28	2,667.17	66.11	41.346		
12,900.00	7,245.91	7,258.27	7,257.86	168.29	30.98	-111.67	-989.47	-1,717.91	2,833.27	2,767.11	66.16	42.823		
13,000.00	7,246.12	7,258.70	7,258.29	171.08	30.99	-112.32	-989.46	-1,717.91	2,933.26	2,867.04	66.22	44.298		
13,100.00	7,246.33	7,259.13	7,258.72	173.87	30.99	-112.97	-989.45	-1,717.91	3,033.25	2,966.98	66.27	45.769		
13,200.00	7,246.55	7,259.56	7,259.15	176.67	30.99	-113.62	-989.44	-1,717.91	3,133.25	3,066.92	66.33	47.237		
13,300.00	7,246.76	7,259.99	7,259.58	179.47	30.99	-114.26	-989.43	-1,717.91	3,233.24	3,166.85	66.39	48.702		
13,400.00	7,246.97	7,260.42	7,260.01	182.27	30.99	-114.89	-989.42	-1,717.91	3,333.23	3,266.79	66.45	50.164		
13,500.00	7,247.19	7,260.86	7,260.45	185.07	31.00	-115.52	-989.41	-1,717.91	3,433.23	3,366.72	66.51	51.623		
13,600.00	7,247.40	7,261.29	7,260.88	187.87	31.00	-116.14	-989.40	-1,717.92	3,533.22	3,466.66	66.57	53.078		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - JOHNSON #1(PA) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,247.61	7,261.72	7,261.31	190.68	31.00	-116.75	-989.39	-1,717.92	3,633.22	3,566.59	66.63	54.530		
13,800.00	7,247.83	7,262.15	7,261.74	193.48	31.00	-117.36	-989.38	-1,717.92	3,733.21	3,666.52	66.69	55.978		
13,900.00	7,248.04	7,262.58	7,262.17	196.29	31.00	-117.96	-989.37	-1,717.92	3,833.21	3,766.45	66.75	57.423		
14,000.00	7,248.25	7,263.01	7,262.60	199.10	31.01	-118.56	-989.36	-1,717.92	3,933.20	3,866.39	66.82	58.864		
14,100.00	7,248.46	7,263.44	7,263.03	201.91	31.01	-119.15	-989.35	-1,717.92	4,033.20	3,966.32	66.88	60.302		
14,200.00	7,248.68	7,263.88	7,263.47	204.72	31.01	-119.73	-989.34	-1,717.92	4,133.20	4,066.25	66.95	61.736		
14,300.00	7,248.89	7,264.31	7,263.90	207.53	31.01	-120.31	-989.33	-1,717.92	4,233.19	4,166.18	67.02	63.167		
14,400.00	7,249.10	7,264.74	7,264.33	210.35	31.01	-120.88	-989.32	-1,717.92	4,333.19	4,266.10	67.08	64.594		
14,500.00	7,249.32	7,265.17	7,264.76	213.16	31.01	-121.44	-989.31	-1,717.92	4,433.18	4,366.03	67.15	66.017		
14,600.00	7,249.53	7,265.60	7,265.19	215.98	31.02	-122.00	-989.30	-1,717.93	4,533.18	4,465.96	67.22	67.436		
14,700.00	7,249.74	7,266.03	7,265.62	218.80	31.02	-122.55	-989.29	-1,717.93	4,633.18	4,565.88	67.29	68.851		
14,800.00	7,249.96	7,266.46	7,266.05	221.62	31.02	-123.10	-989.28	-1,717.93	4,733.17	4,665.81	67.36	70.263		
14,900.00	7,250.17	7,266.90	7,266.49	224.44	31.02	-123.64	-989.27	-1,717.93	4,833.17	4,765.73	67.44	71.671		
15,000.00	7,250.38	7,267.33	7,266.92	227.26	31.02	-124.17	-989.26	-1,717.93	4,933.17	4,865.66	67.51	73.074		
15,100.00	7,250.59	7,267.76	7,267.35	230.08	31.03	-124.70	-989.25	-1,717.93	5,033.16	4,965.58	67.58	74.474		
15,200.00	7,250.81	7,268.19	7,267.78	232.90	31.03	-125.22	-989.24	-1,717.93	5,133.16	5,065.50	67.66	75.870		
15,300.00	7,251.02	7,268.62	7,268.21	235.72	31.03	-125.73	-989.23	-1,717.93	5,233.16	5,165.42	67.73	77.261		
15,400.00	7,251.23	7,269.05	7,268.64	238.55	31.03	-126.24	-989.22	-1,717.93	5,333.15	5,265.35	67.81	78.649		
15,500.00	7,251.45	7,269.49	7,269.07	241.37	31.03	-126.74	-989.21	-1,717.93	5,433.15	5,365.26	67.89	80.032		
15,600.00	7,251.66	7,269.92	7,269.51	244.20	31.03	-127.23	-989.20	-1,717.94	5,533.15	5,465.18	67.97	81.412		
15,700.00	7,251.87	7,270.35	7,269.94	247.03	31.04	-127.72	-989.19	-1,717.94	5,633.15	5,565.10	68.04	82.787		
15,800.00	7,252.09	7,270.78	7,270.37	249.85	31.04	-128.20	-989.18	-1,717.94	5,733.14	5,665.02	68.12	84.158		
15,900.00	7,252.30	7,271.21	7,270.80	252.68	31.04	-128.68	-989.17	-1,717.94	5,833.14	5,764.94	68.20	85.524		
16,000.00	7,252.51	7,271.64	7,271.23	255.51	31.04	-129.15	-989.16	-1,717.94	5,933.14	5,864.85	68.29	86.887		
16,100.00	7,252.72	7,272.07	7,271.66	258.34	31.04	-129.62	-989.15	-1,717.94	6,033.14	5,964.77	68.37	88.245		
16,200.00	7,252.94	7,272.51	7,272.09	261.17	31.05	-130.08	-989.14	-1,717.94	6,133.13	6,064.68	68.45	89.599		
16,300.00	7,253.15	7,272.94	7,272.53	264.00	31.05	-130.53	-989.13	-1,717.94	6,233.13	6,164.60	68.53	90.948		
16,400.00	7,253.36	7,273.37	7,272.96	266.83	31.05	-130.98	-989.12	-1,717.94	6,333.13	6,264.51	68.62	92.293		
16,500.00	7,253.58	7,273.80	7,273.39	269.66	31.05	-131.42	-989.11	-1,717.94	6,433.13	6,364.42	68.71	93.634		
16,600.00	7,253.79	7,274.23	7,273.82	272.50	31.05	-131.85	-989.10	-1,717.95	6,533.12	6,464.33	68.79	94.970		
16,700.00	7,254.00	7,274.66	7,274.25	275.33	31.05	-132.28	-989.09	-1,717.95	6,633.12	6,564.24	68.88	96.302		
16,800.00	7,254.22	7,275.10	7,274.68	278.16	31.06	-132.71	-989.08	-1,717.95	6,733.12	6,664.15	68.97	97.629		
16,900.00	7,254.43	7,275.53	7,275.11	281.00	31.06	-133.13	-989.07	-1,717.95	6,833.12	6,764.06	69.05	98.952		
17,000.00	7,254.64	7,275.96	7,275.54	283.83	31.06	-133.54	-989.06	-1,717.95	6,933.12	6,863.97	69.14	100.270		
17,100.00	7,254.85	7,276.39	7,275.98	286.67	31.06	-133.95	-989.05	-1,717.95	7,033.11	6,963.88	69.23	101.584		
17,200.00	7,255.07	7,276.82	7,276.41	289.50	31.06	-134.35	-989.04	-1,717.95	7,133.11	7,063.79	69.33	102.893		
17,300.00	7,255.28	7,277.25	7,276.84	292.34	31.07	-134.75	-989.03	-1,717.95	7,233.11	7,163.69	69.42	104.198		
17,400.00	7,255.49	7,277.68	7,277.27	295.17	31.07	-135.15	-989.02	-1,717.95	7,333.11	7,263.60	69.51	105.498		
17,500.00	7,255.71	7,278.12	7,277.70	298.01	31.07	-135.53	-989.01	-1,717.95	7,433.11	7,363.50	69.60	106.794		
17,600.00	7,255.92	7,278.55	7,278.13	300.85	31.07	-135.92	-989.00	-1,717.96	7,533.10	7,463.41	69.70	108.084		
17,700.00	7,256.13	7,278.98	7,278.56	303.68	31.07	-136.29	-988.99	-1,717.96	7,633.10	7,563.31	69.79	109.371		
17,800.00	7,256.35	7,279.41	7,279.00	306.52	31.08	-136.67	-988.98	-1,717.96	7,733.10	7,663.21	69.89	110.652		
17,900.00	7,256.56	7,279.84	7,279.43	309.36	31.08	-137.03	-988.97	-1,717.96	7,833.10	7,763.12	69.98	111.929		
18,000.00	7,256.77	7,280.27	7,279.86	312.20	31.08	-137.40	-988.96	-1,717.96	7,933.10	7,863.02	70.08	113.201		
18,100.00	7,256.98	7,280.71	7,280.29	315.04	31.08	-137.76	-988.95	-1,717.96	8,033.10	7,962.92	70.18	114.469		
18,200.00	7,257.20	7,281.14	7,280.72	317.88	31.08	-138.11	-988.94	-1,717.96	8,133.09	8,062.82	70.28	115.732		
18,300.00	7,257.41	7,281.57	7,281.15	320.72	31.08	-138.46	-988.93	-1,717.96	8,233.09	8,162.72	70.37	116.990		
18,400.00	7,257.62	7,282.00	7,281.58	323.56	31.09	-138.80	-988.92	-1,717.96	8,333.09	8,262.62	70.47	118.243		
18,500.00	7,257.84	7,282.43	7,282.02	326.40	31.09	-139.14	-988.91	-1,717.96	8,433.09	8,362.51	70.57	119.492		
18,600.00	7,258.05	7,282.86	7,282.45	329.24	31.09	-139.48	-988.90	-1,717.97	8,533.09	8,462.41	70.68	120.736		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,700.00	7,258.26	7,283.29	7,282.88	332.08	31.09	-139.81	-988.89	-1,717.97	8,633.09	8,562.31	70.78	121.976		
18,800.00	7,258.48	7,283.73	7,283.31	334.92	31.09	-140.14	-988.88	-1,717.97	8,733.08	8,662.20	70.88	123.210		
18,900.00	7,258.69	7,284.16	7,283.74	337.76	31.10	-140.46	-988.87	-1,717.97	8,833.08	8,762.10	70.98	124.440		
19,000.00	7,258.90	7,284.59	7,284.17	340.60	31.10	-140.78	-988.86	-1,717.97	8,933.08	8,861.99	71.09	125.665		
19,046.19	7,259.00	7,284.79	7,284.37	341.92	31.10	-140.93	-988.86	-1,717.97	8,979.27	8,908.13	71.13	126.229		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - JOHNSON #11-16G6(TA - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-136.24	-769.77	-737.26	1,066.05					
100.00	100.00	81.00	81.00	3.28	3.57	-136.24	-769.77	-737.26	1,065.88	1,059.02	6.86	155.456		
200.00	200.00	181.00	181.00	3.34	5.63	-136.24	-769.77	-737.26	1,065.88	1,056.92	8.96	118.895		
300.00	300.00	281.00	281.00	3.44	8.71	-136.24	-769.77	-737.26	1,065.88	1,053.73	12.15	87.722		
400.00	399.98	380.98	380.98	3.60	12.01	98.85	-769.77	-737.26	1,066.15	1,050.54	15.61	68.307		
500.00	499.84	480.84	480.84	3.79	15.39	99.11	-769.77	-737.26	1,066.97	1,047.78	19.18	55.618		
600.00	599.45	580.45	580.45	4.03	18.81	99.54	-769.77	-737.26	1,068.39	1,045.55	22.83	46.796		
700.00	698.70	679.70	679.70	4.30	22.23	100.14	-769.77	-737.26	1,070.48	1,043.96	26.52	40.359		
800.00	797.47	778.47	778.47	4.61	25.64	100.90	-769.77	-737.26	1,073.37	1,043.13	30.25	35.486		
900.00	895.62	876.62	876.62	4.95	29.04	101.80	-769.77	-737.26	1,077.20	1,043.20	33.99	31.688		
1,000.00	993.06	974.06	974.06	5.33	32.43	102.84	-769.77	-737.26	1,082.12	1,044.37	37.75	28.663		
1,100.00	1,090.08	1,071.08	1,071.08	5.74	35.80	104.05	-769.77	-737.26	1,087.91	1,046.38	41.53	26.195		
1,200.00	1,187.11	1,168.11	1,168.11	6.17	39.17	105.24	-769.77	-737.26	1,094.20	1,048.87	45.33	24.137		
1,300.00	1,284.14	1,265.14	1,265.14	6.61	42.55	106.43	-769.77	-737.26	1,100.99	1,051.84	49.15	22.400		
1,400.00	1,381.17	1,362.17	1,362.17	7.07	45.93	107.59	-769.77	-737.26	1,108.26	1,055.28	52.98	20.917		
1,500.00	1,478.20	1,459.20	1,459.20	7.55	49.30	108.75	-769.77	-737.26	1,116.02	1,059.19	56.83	19.639		
1,600.00	1,575.23	1,556.23	1,556.23	8.03	52.68	109.88	-769.77	-737.26	1,124.24	1,063.55	60.68	18.527		
1,700.00	1,672.26	1,653.26	1,653.26	8.52	56.07	111.00	-769.77	-737.26	1,132.91	1,068.37	64.54	17.554		
1,800.00	1,769.29	1,750.29	1,750.29	9.01	59.45	112.11	-769.77	-737.26	1,142.03	1,073.63	68.40	16.695		
1,900.00	1,866.32	1,847.32	1,847.32	9.51	62.83	113.20	-769.77	-737.26	1,151.59	1,079.32	72.27	15.934		
2,000.00	1,963.35	1,944.35	1,944.35	10.02	66.21	114.27	-769.77	-737.26	1,161.58	1,085.43	76.15	15.255		
2,100.00	2,060.38	2,041.38	2,041.38	10.53	69.60	115.32	-769.77	-737.26	1,171.98	1,091.96	80.02	14.646		
2,200.00	2,157.41	2,138.41	2,138.41	11.04	72.98	116.35	-769.77	-737.26	1,182.78	1,098.88	83.90	14.098		
2,300.00	2,254.44	2,235.44	2,235.44	11.56	76.36	117.37	-769.77	-737.26	1,193.97	1,106.20	87.78	13.603		
2,400.00	2,351.47	2,332.47	2,332.47	12.07	79.75	118.37	-769.77	-737.26	1,205.55	1,113.90	91.65	13.153		
2,500.00	2,448.50	2,429.50	2,429.50	12.59	83.13	119.35	-769.77	-737.26	1,217.50	1,121.96	95.53	12.744		
2,600.00	2,545.53	2,526.53	2,526.53	13.12	86.52	120.31	-769.77	-737.26	1,229.80	1,130.39	99.41	12.371		
2,700.00	2,642.56	2,623.56	2,623.56	13.64	89.90	121.25	-769.77	-737.26	1,242.46	1,139.17	103.29	12.029		
2,800.00	2,739.59	2,720.59	2,720.59	14.17	93.29	122.17	-769.77	-737.26	1,255.45	1,148.28	107.17	11.715		
2,900.00	2,836.62	2,817.62	2,817.62	14.69	96.67	123.08	-769.77	-737.26	1,268.78	1,157.73	111.05	11.425		
3,000.00	2,933.65	2,914.65	2,914.65	15.22	100.06	123.97	-769.77	-737.26	1,282.42	1,167.49	114.93	11.158		
3,100.00	3,030.68	3,011.68	3,011.68	15.75	103.44	124.83	-769.77	-737.26	1,296.37	1,177.56	118.81	10.912		
3,200.00	3,127.71	3,108.71	3,108.71	16.28	106.83	125.69	-769.77	-737.26	1,310.61	1,187.93	122.68	10.683		
3,300.00	3,224.74	3,205.74	3,205.74	16.82	110.22	126.52	-769.77	-737.26	1,325.15	1,198.59	126.56	10.471		
3,400.00	3,321.76	3,302.76	3,302.76	17.35	113.60	127.33	-769.77	-737.26	1,339.96	1,209.53	130.43	10.273		
3,500.00	3,418.79	3,400.21	3,399.79	17.88	117.00	128.13	-769.77	-737.26	1,355.05	1,220.72	134.32	10.088		
3,600.00	3,515.82	3,503.18	3,496.82	18.42	120.60	128.91	-769.77	-737.26	1,370.39	1,231.99	138.40	9.901		
3,700.00	3,612.85	3,606.15	3,593.85	18.95	124.19	129.68	-769.77	-737.26	1,385.99	1,243.51	142.48	9.727		
3,800.00	3,709.88	3,709.12	3,690.88	19.49	127.78	130.43	-769.77	-737.26	1,401.83	1,255.27	146.56	9.565		
3,900.00	3,806.91	3,787.91	3,787.91	20.02	130.53	131.16	-769.77	-737.26	1,417.91	1,268.11	149.80	9.465		
4,000.00	3,903.94	3,884.94	3,884.94	20.56	133.92	131.87	-769.77	-737.26	1,434.22	1,280.55	153.67	9.333		
4,100.00	4,000.97	3,981.97	3,981.97	21.09	137.30	132.57	-769.77	-737.26	1,450.74	1,293.20	157.54	9.209		
4,200.00	4,098.00	4,079.00	4,079.00	21.63	140.69	133.26	-769.77	-737.26	1,467.48	1,306.07	161.41	9.092		
4,300.00	4,195.03	4,176.03	4,176.03	22.17	144.08	133.93	-769.77	-737.26	1,484.43	1,319.15	165.28	8.981		
4,400.00	4,292.06	4,273.06	4,273.06	22.71	147.46	134.58	-769.77	-737.26	1,501.57	1,332.42	169.14	8.877		
4,500.00	4,389.09	4,370.09	4,370.09	23.25	150.85	135.22	-769.77	-737.26	1,518.90	1,345.89	173.01	8.779		
4,600.00	4,486.12	4,467.12	4,467.12	23.78	154.24	135.85	-769.77	-737.26	1,536.42	1,359.55	176.88	8.686		
4,700.00	4,583.15	4,564.15	4,564.15	24.32	157.62	136.46	-769.77	-737.26	1,554.12	1,373.38	180.74	8.599		
4,800.00	4,680.18	4,661.18	4,661.18	24.86	161.01	137.06	-769.77	-737.26	1,571.99	1,387.39	184.61	8.515		
4,900.00	4,777.21	4,758.21	4,758.21	25.40	164.40	137.65	-769.77	-737.26	1,590.03	1,401.56	188.47	8.436		
5,000.00	4,874.24	4,855.24	4,855.24	25.94	167.78	138.22	-769.77	-737.26	1,608.23	1,415.90	192.34	8.362		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - JOHNSON #11-16G6(TA - OH - OH)													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	4,952.27	4,952.27	26.48	171.17	138.78	-769.77	-737.26	1,626.59	1,430.39	196.20	8.291		
5,200.00	5,068.30	5,049.30	5,049.30	27.02	174.56	139.33	-769.77	-737.26	1,645.10	1,445.04	200.06	8.223		
5,300.00	5,165.33	5,146.33	5,146.33	27.56	177.94	139.87	-769.77	-737.26	1,663.75	1,459.83	203.92	8.159		
5,400.00	5,262.36	5,243.36	5,243.36	28.10	181.33	140.39	-769.77	-737.26	1,682.55	1,474.76	207.78	8.098		
5,500.00	5,359.39	5,340.39	5,340.39	28.64	184.72	140.90	-769.77	-737.26	1,701.48	1,489.83	211.65	8.039		
5,600.00	5,456.42	5,437.42	5,437.42	29.18	188.10	141.41	-769.77	-737.26	1,720.54	1,505.03	215.51	7.984		
5,700.00	5,553.45	5,534.45	5,534.45	29.72	191.49	141.90	-769.77	-737.26	1,739.73	1,520.36	219.37	7.931		
5,800.00	5,650.47	5,631.47	5,631.47	30.27	194.88	142.38	-769.77	-737.26	1,759.05	1,535.82	223.23	7.880		
5,900.00	5,747.50	5,728.50	5,728.50	30.81	198.26	142.85	-769.77	-737.26	1,778.48	1,551.39	227.09	7.832		
6,000.00	5,844.53	5,825.53	5,825.53	31.35	201.65	143.31	-769.77	-737.26	1,798.03	1,567.08	230.95	7.785		
6,100.00	5,941.56	5,922.56	5,922.56	31.89	205.04	143.76	-769.77	-737.26	1,817.69	1,582.88	234.80	7.741		
6,200.00	6,038.59	6,019.59	6,019.59	32.43	208.42	144.20	-769.77	-737.26	1,837.46	1,598.79	238.66	7.699		
6,300.00	6,135.62	6,116.62	6,116.62	32.97	211.81	144.64	-769.77	-737.26	1,857.33	1,614.81	242.52	7.658		
6,400.00	6,232.65	6,213.65	6,213.65	33.51	215.20	145.06	-769.77	-737.26	1,877.30	1,630.92	246.38	7.620		
6,500.00	6,329.68	6,310.68	6,310.68	34.06	218.59	145.47	-769.77	-737.26	1,897.38	1,647.14	250.24	7.582		
6,600.00	6,426.71	6,407.71	6,407.71	34.60	221.97	145.88	-769.77	-737.26	1,917.55	1,663.45	254.10	7.547		
6,655.36	6,480.43	6,461.43	6,461.43	34.90	223.85	146.10	-769.77	-737.26	1,928.75	1,672.52	256.23	7.527		
6,700.00	6,524.01	6,505.01	6,505.01	35.13	225.37	134.06	-769.77	-737.26	1,936.27	1,678.31	257.96	7.506		
6,750.00	6,573.29	6,554.29	6,554.29	35.36	227.09	111.73	-769.77	-737.26	1,941.03	1,681.14	259.89	7.469		
6,800.00	6,622.76	6,603.76	6,603.76	35.56	228.82	81.58	-769.77	-737.26	1,941.90	1,680.09	261.81	7.417		
6,850.00	6,672.13	6,653.13	6,653.13	35.73	230.54	56.41	-769.77	-737.26	1,938.89	1,675.18	263.70	7.353		
6,900.00	6,721.08	6,702.08	6,702.08	35.88	232.25	41.19	-769.77	-737.26	1,931.99	1,666.44	265.55	7.275		
6,950.00	6,769.31	6,750.31	6,750.31	36.03	233.93	32.39	-769.77	-737.26	1,921.27	1,653.92	267.35	7.186		
7,000.00	6,816.53	6,802.47	6,797.53	36.18	235.75	27.03	-769.77	-737.26	1,906.79	1,637.52	269.27	7.081		
7,050.00	6,862.44	6,843.44	6,843.44	36.34	237.18	23.60	-769.77	-737.26	1,888.64	1,617.87	270.77	6.975		
7,100.00	6,906.77	6,887.77	6,887.77	36.50	238.73	21.35	-769.77	-737.26	1,866.93	1,594.56	272.38	6.854		
7,150.00	6,949.23	6,930.23	6,930.23	36.68	240.21	19.89	-769.77	-737.26	1,841.81	1,567.91	273.90	6.724		
7,200.00	6,989.58	6,970.58	6,970.58	36.87	241.62	19.00	-769.77	-737.26	1,813.41	1,538.09	275.32	6.586		
7,250.00	7,027.55	7,008.55	7,008.55	37.09	242.95	18.55	-769.77	-737.26	1,781.93	1,505.27	276.66	6.441		
7,300.00	7,062.91	7,043.91	7,043.91	37.32	244.18	18.51	-769.77	-737.26	1,747.55	1,469.66	277.88	6.289		
7,350.00	7,095.45	7,076.45	7,076.45	37.59	245.32	18.85	-769.77	-737.26	1,710.48	1,431.48	279.00	6.131		
7,400.00	7,124.97	7,105.97	7,105.97	37.88	246.35	19.61	-769.77	-737.26	1,670.96	1,390.96	280.00	5.968		
7,450.00	7,151.28	7,132.28	7,132.28	38.21	247.26	20.89	-769.77	-737.26	1,629.23	1,348.35	280.89	5.800		
7,500.00	7,174.22	7,155.22	7,155.22	38.58	248.07	22.84	-769.77	-737.26	1,585.55	1,303.90	281.65	5.629		
7,550.00	7,193.65	7,174.65	7,174.65	38.98	248.74	25.76	-769.77	-737.26	1,540.18	1,257.89	282.29	5.456		
7,600.00	7,209.45	7,209.55	7,190.45	39.43	249.96	30.25	-769.77	-737.26	1,493.40	1,209.93	283.47	5.268		
7,650.00	7,221.52	7,202.52	7,202.52	39.91	249.72	37.42	-769.77	-737.26	1,445.49	1,162.30	283.19	5.104		
7,700.00	7,229.79	7,210.79	7,210.79	40.42	250.01	49.63	-769.77	-737.26	1,396.76	1,113.31	283.45	4.928		
7,750.00	7,234.21	7,215.21	7,215.21	40.97	250.16	70.89	-769.77	-737.26	1,347.49	1,063.91	283.58	4.752		
7,780.56	7,235.00	7,216.00	7,216.00	41.32	250.19	89.13	-769.77	-737.26	1,317.24	1,033.64	283.60	4.645		
7,800.00	7,235.04	7,216.04	7,216.04	41.54	250.19	89.14	-769.77	-737.26	1,297.99	1,014.39	283.60	4.577		
7,900.00	7,235.26	7,216.26	7,216.26	42.82	250.20	89.21	-769.77	-737.26	1,199.06	915.47	283.60	4.228		
8,000.00	7,235.47	7,216.47	7,216.47	44.25	250.20	89.27	-769.77	-737.26	1,100.33	816.72	283.61	3.880		
8,100.00	7,235.68	7,216.68	7,216.68	45.82	250.21	89.34	-769.77	-737.26	1,001.84	718.19	283.65	3.532		
8,200.00	7,235.90	7,216.90	7,216.90	47.52	250.22	89.41	-769.77	-737.26	903.69	619.95	283.74	3.185		
8,300.00	7,236.11	7,217.11	7,217.11	49.34	250.23	89.47	-769.77	-737.26	805.99	522.09	283.90	2.839		
8,400.00	7,236.32	7,217.32	7,217.32	51.25	250.23	89.54	-769.77	-737.26	708.94	424.75	284.19	2.495		
8,500.00	7,236.54	7,217.54	7,217.54	53.26	250.24	89.61	-769.77	-737.26	612.83	328.12	284.71	2.152		
8,600.00	7,236.75	7,217.75	7,217.75	55.34	250.25	89.67	-769.77	-737.26	518.19	232.53	285.67	1.814		
8,700.00	7,236.96	7,217.96	7,217.96	57.50	250.26	89.74	-769.77	-737.26	426.02	138.55	287.47	1.482 Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - JOHNSON #11-16G6(TA - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,800.00	7,237.17	7,218.17	7,218.17	59.71	250.26	89.81	-769.77	-737.26	338.31	47.34	290.97	1.163	Level 2	
8,900.00	7,237.39	7,218.39	7,218.39	61.98	250.27	89.88	-769.77	-737.26	259.66	-38.08	297.74	0.872	Level 1	
9,000.00	7,237.60	7,218.60	7,218.60	64.29	250.28	89.94	-769.77	-737.26	200.97	-107.77	308.74	0.651	Level 1	
9,085.17	7,237.78	7,218.78	7,218.78	66.30	250.28	90.00	-769.77	-737.26	182.03	-134.44	316.47	0.575	Level 1, CC, ES, SF	
9,100.00	7,237.81	7,218.81	7,218.81	66.65	250.29	90.01	-769.77	-737.26	182.63	-134.30	316.93	0.576	Level 1	
9,200.00	7,238.03	7,219.03	7,219.03	69.05	250.29	90.08	-769.77	-737.26	215.22	-97.80	313.02	0.688	Level 1	
9,300.00	7,238.24	7,219.24	7,219.24	71.48	250.30	90.14	-769.77	-737.26	281.58	-23.79	305.37	0.922	Level 1	
9,400.00	7,238.45	7,219.45	7,219.45	73.95	250.31	90.21	-769.77	-737.26	363.67	63.96	299.70	1.213	Level 2	
9,500.00	7,238.67	7,219.67	7,219.67	76.44	250.32	90.28	-769.77	-737.26	453.01	156.97	296.05	1.530		
9,600.00	7,238.88	7,219.88	7,219.88	78.96	250.32	90.35	-769.77	-737.26	546.06	252.41	293.66	1.860		
9,700.00	7,239.09	7,220.09	7,220.09	81.50	250.33	90.41	-769.77	-737.26	641.21	349.18	292.03	2.196		
9,800.00	7,239.30	7,220.30	7,220.30	84.06	250.34	90.48	-769.77	-737.26	737.64	446.76	290.89	2.536		
9,900.00	7,239.52	7,220.52	7,220.52	86.64	250.34	90.55	-769.77	-737.26	834.91	544.87	290.05	2.879		
10,000.00	7,239.73	7,220.73	7,220.73	89.23	250.35	90.61	-769.77	-737.26	932.76	643.35	289.42	3.223		
10,100.00	7,239.94	7,220.94	7,220.94	91.85	250.36	90.68	-769.77	-737.26	1,031.03	742.10	288.93	3.568		
10,200.00	7,240.16	7,221.16	7,221.16	94.47	250.37	90.75	-769.77	-737.26	1,129.59	841.04	288.55	3.915		
10,300.00	7,240.37	7,221.37	7,221.37	97.11	250.37	90.81	-769.77	-737.26	1,228.39	940.15	288.24	4.262		
10,400.00	7,240.58	7,221.58	7,221.58	99.76	250.38	90.88	-769.77	-737.26	1,327.37	1,039.37	288.00	4.609		
10,500.00	7,240.80	7,221.80	7,221.80	102.43	250.39	90.95	-769.77	-737.26	1,426.49	1,138.69	287.80	4.957		
10,600.00	7,241.01	7,222.01	7,222.01	105.10	250.40	91.02	-769.77	-737.26	1,525.73	1,238.09	287.63	5.304		
10,700.00	7,241.22	7,222.22	7,222.22	107.79	250.40	91.08	-769.77	-737.26	1,625.05	1,337.56	287.50	5.652		
10,800.00	7,241.43	7,222.43	7,222.43	110.48	250.41	91.15	-769.77	-737.26	1,724.46	1,437.08	287.38	6.001		
10,900.00	7,241.65	7,222.65	7,222.65	113.18	250.42	91.22	-769.77	-737.26	1,823.93	1,536.64	287.29	6.349		
11,000.00	7,241.86	7,222.86	7,222.86	115.89	250.43	91.28	-769.77	-737.26	1,923.46	1,636.24	287.21	6.697		
11,100.00	7,242.07	7,223.07	7,223.07	118.60	250.43	91.35	-769.77	-737.26	2,023.03	1,735.88	287.15	7.045		
11,200.00	7,242.29	7,223.29	7,223.29	121.32	250.44	91.42	-769.77	-737.26	2,122.65	1,835.54	287.10	7.393		
11,300.00	7,242.50	7,223.50	7,223.50	124.05	250.45	91.48	-769.77	-737.26	2,222.29	1,935.23	287.06	7.742		
11,400.00	7,242.71	7,223.71	7,223.71	126.78	250.46	91.55	-769.77	-737.26	2,321.97	2,034.94	287.03	8.090		
11,500.00	7,242.93	7,223.93	7,223.93	129.52	250.46	91.62	-769.77	-737.26	2,421.68	2,134.67	287.01	8.438		
11,600.00	7,243.14	7,224.14	7,224.14	132.27	250.47	91.69	-769.77	-737.26	2,521.40	2,234.41	286.99	8.786		
11,700.00	7,243.35	7,224.35	7,224.35	135.02	250.48	91.75	-769.77	-737.26	2,621.15	2,334.17	286.98	9.134		
11,800.00	7,243.57	7,224.57	7,224.57	137.77	250.49	91.82	-769.77	-737.26	2,720.92	2,433.94	286.98	9.481		
11,900.00	7,243.78	7,224.78	7,224.78	140.53	250.49	91.89	-769.77	-737.26	2,820.70	2,533.73	286.98	9.829		
12,000.00	7,243.99	7,224.99	7,224.99	143.29	250.50	91.95	-769.77	-737.26	2,920.50	2,633.52	286.98	10.177		
12,100.00	7,244.20	7,225.20	7,225.20	146.05	250.51	92.02	-769.77	-737.26	3,020.31	2,733.32	286.99	10.524		
12,200.00	7,244.42	7,225.42	7,225.42	148.82	250.52	92.09	-769.77	-737.26	3,120.14	2,833.13	287.01	10.871		
12,300.00	7,244.63	7,225.63	7,225.63	151.60	250.52	92.15	-769.77	-737.26	3,219.97	2,932.95	287.02	11.219		
12,400.00	7,244.84	7,225.84	7,225.84	154.37	250.53	92.22	-769.77	-737.26	3,319.82	3,032.78	287.04	11.566		
12,500.00	7,245.06	7,226.06	7,226.06	157.15	250.54	92.29	-769.77	-737.26	3,419.67	3,132.61	287.07	11.912		
12,600.00	7,245.27	7,226.27	7,226.27	159.93	250.55	92.36	-769.77	-737.26	3,519.53	3,232.44	287.09	12.259		
12,700.00	7,245.48	7,226.48	7,226.48	162.71	250.55	92.42	-769.77	-737.26	3,619.40	3,332.28	287.12	12.606		
12,800.00	7,245.70	7,226.70	7,226.70	165.50	250.56	92.49	-769.77	-737.26	3,719.28	3,432.13	287.15	12.952		
12,900.00	7,245.91	7,226.91	7,226.91	168.29	250.57	92.56	-769.77	-737.26	3,819.16	3,531.98	287.19	13.299		
13,000.00	7,246.12	7,227.12	7,227.12	171.08	250.58	92.62	-769.77	-737.26	3,919.05	3,631.83	287.22	13.645		
13,100.00	7,246.33	7,227.33	7,227.33	173.87	250.58	92.69	-769.77	-737.26	4,018.95	3,731.69	287.26	13.991		
13,200.00	7,246.55	7,227.55	7,227.55	176.67	250.59	92.76	-769.77	-737.26	4,118.85	3,831.54	287.30	14.336		
13,300.00	7,246.76	7,227.76	7,227.76	179.47	250.60	92.82	-769.77	-737.26	4,218.75	3,931.41	287.34	14.682		
13,400.00	7,246.97	7,227.97	7,227.97	182.27	250.61	92.89	-769.77	-737.26	4,318.66	4,031.27	287.39	15.027		
13,500.00	7,247.19	7,228.19	7,228.19	185.07	250.61	92.96	-769.77	-737.26	4,418.57	4,131.14	287.43	15.372		
13,600.00	7,247.40	7,228.40	7,228.40	187.87	250.62	93.02	-769.77	-737.26	4,518.49	4,231.01	287.48	15.717		
13,700.00	7,247.61	7,228.61	7,228.61	190.68	250.63	93.09	-769.77	-737.26	4,618.41	4,330.88	287.53	16.062		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - JOHNSON #11-16G6(TA - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
13,800.00	7,247.83	7,228.83	7,228.83	193.48	250.63	93.16	-769.77	-737.26	4,718.33	4,430.75	287.58	16.407					
13,900.00	7,248.04	7,229.04	7,229.04	196.29	250.64	93.22	-769.77	-737.26	4,818.26	4,530.62	287.64	16.751					
14,000.00	7,248.25	7,229.25	7,229.25	199.10	250.65	93.29	-769.77	-737.26	4,918.19	4,630.50	287.69	17.095					
14,100.00	7,248.46	7,229.46	7,229.46	201.91	250.66	93.36	-769.77	-737.26	5,018.12	4,730.38	287.75	17.439					
14,200.00	7,248.68	7,229.68	7,229.68	204.72	250.66	93.43	-769.77	-737.26	5,118.06	4,830.25	287.80	17.783					
14,300.00	7,248.89	7,229.89	7,229.89	207.53	250.67	93.49	-769.77	-737.26	5,218.00	4,930.13	287.86	18.127					
14,400.00	7,249.10	7,230.10	7,230.10	210.35	250.68	93.56	-769.77	-737.26	5,317.94	5,030.01	287.92	18.470					
14,500.00	7,249.32	7,230.32	7,230.32	213.16	250.69	93.63	-769.77	-737.26	5,417.88	5,129.89	287.98	18.813					
14,600.00	7,249.53	7,230.53	7,230.53	215.98	250.69	93.69	-769.77	-737.26	5,517.82	5,229.77	288.05	19.156					
14,700.00	7,249.74	7,230.74	7,230.74	218.80	250.70	93.76	-769.77	-737.26	5,617.77	5,329.66	288.11	19.499					
14,800.00	7,249.96	7,230.96	7,230.96	221.62	250.71	93.83	-769.77	-737.26	5,717.72	5,429.54	288.18	19.841					
14,900.00	7,250.17	7,231.17	7,231.17	224.44	250.72	93.89	-769.77	-737.26	5,817.67	5,529.42	288.24	20.183					
15,000.00	7,250.38	7,231.38	7,231.38	227.26	250.72	93.96	-769.77	-737.26	5,917.62	5,629.31	288.31	20.525					
15,100.00	7,250.59	7,231.59	7,231.59	230.08	250.73	94.03	-769.77	-737.26	6,017.57	5,729.19	288.38	20.867					
15,200.00	7,250.81	7,231.81	7,231.81	232.90	250.74	94.09	-769.77	-737.26	6,117.53	5,829.07	288.45	21.208					
15,300.00	7,251.02	7,232.02	7,232.02	235.72	250.75	94.16	-769.77	-737.26	6,217.48	5,928.96	288.52	21.549					
15,400.00	7,251.23	7,232.23	7,232.23	238.55	250.75	94.23	-769.77	-737.26	6,317.44	6,028.84	288.60	21.890					
15,500.00	7,251.45	7,232.45	7,232.45	241.37	250.76	94.29	-769.77	-737.26	6,417.40	6,128.73	288.67	22.231					
15,600.00	7,251.66	7,232.66	7,232.66	244.20	250.77	94.36	-769.77	-737.26	6,517.36	6,228.62	288.74	22.571					
15,700.00	7,251.87	7,232.87	7,232.87	247.03	250.78	94.43	-769.77	-737.26	6,617.32	6,328.50	288.82	22.912					
15,800.00	7,252.09	7,233.09	7,233.09	249.85	250.78	94.49	-769.77	-737.26	6,717.28	6,428.39	288.90	23.251					
15,900.00	7,252.30	7,233.30	7,233.30	252.68	250.79	94.56	-769.77	-737.26	6,817.25	6,528.27	288.97	23.591					
16,000.00	7,252.51	7,233.51	7,233.51	255.51	250.80	94.63	-769.77	-737.26	6,917.21	6,628.16	289.05	23.931					
16,100.00	7,252.72	7,233.72	7,233.72	258.34	250.81	94.69	-769.77	-737.26	7,017.18	6,728.04	289.13	24.270					
16,200.00	7,252.94	7,233.94	7,233.94	261.17	250.81	94.76	-769.77	-737.26	7,117.14	6,827.93	289.21	24.608					
16,300.00	7,253.15	7,234.15	7,234.15	264.00	250.82	94.83	-769.77	-737.26	7,217.11	6,927.81	289.30	24.947					
16,400.00	7,253.36	7,234.36	7,234.36	266.83	250.83	94.89	-769.77	-737.26	7,317.08	7,027.70	289.38	25.285					
16,500.00	7,253.58	7,234.58	7,234.58	269.66	250.84	94.96	-769.77	-737.26	7,417.05	7,127.58	289.46	25.623					
16,600.00	7,253.79	7,234.79	7,234.79	272.50	250.84	95.03	-769.77	-737.26	7,517.02	7,227.47	289.55	25.961					
16,700.00	7,254.00	7,235.00	7,235.00	275.33	250.85	95.09	-769.77	-737.26	7,616.99	7,327.35	289.63	26.299					
16,800.00	7,254.22	7,235.22	7,235.22	278.16	250.86	95.16	-769.77	-737.26	7,716.96	7,427.24	289.72	26.636					
16,900.00	7,254.43	7,235.43	7,235.43	281.00	250.87	95.23	-769.77	-737.26	7,816.93	7,527.12	289.81	26.973					
17,000.00	7,254.64	7,235.64	7,235.64	283.83	250.87	95.29	-769.77	-737.26	7,916.91	7,627.01	289.90	27.309					
17,100.00	7,254.85	7,235.85	7,235.85	286.67	250.88	95.36	-769.77	-737.26	8,016.88	7,726.89	289.99	27.646					
17,200.00	7,255.07	7,236.07	7,236.07	289.50	250.89	95.42	-769.77	-737.26	8,116.85	7,826.78	290.08	27.982					
17,300.00	7,255.28	7,236.28	7,236.28	292.34	250.89	95.49	-769.77	-737.26	8,216.83	7,926.66	290.17	28.317					
17,400.00	7,255.49	7,236.49	7,236.49	295.17	250.90	95.56	-769.77	-737.26	8,316.80	8,026.54	290.26	28.653					
17,500.00	7,255.71	7,236.71	7,236.71	298.01	250.91	95.62	-769.77	-737.26	8,416.78	8,126.43	290.35	28.988					
17,600.00	7,255.92	7,236.92	7,236.92	300.85	250.92	95.69	-769.77	-737.26	8,516.76	8,226.31	290.45	29.323					
17,700.00	7,256.13	7,237.13	7,237.13	303.68	250.92	95.76	-769.77	-737.26	8,616.73	8,326.19	290.54	29.657					
17,800.00	7,256.35	7,237.35	7,237.35	306.52	250.93	95.82	-769.77	-737.26	8,716.71	8,426.07	290.64	29.992					
17,900.00	7,256.56	7,237.56	7,237.56	309.36	250.94	95.89	-769.77	-737.26	8,816.69	8,525.96	290.74	30.326					
18,000.00	7,256.77	7,237.77	7,237.77	312.20	250.95	95.96	-769.77	-737.26	8,916.67	8,625.84	290.83	30.659					
18,100.00	7,256.98	7,237.98	7,237.98	315.04	250.95	96.02	-769.77	-737.26	9,016.65	8,725.72	290.93	30.992					
18,200.00	7,257.20	7,238.20	7,238.20	317.88	250.96	96.09	-769.77	-737.26	9,116.63	8,825.60	291.03	31.325					
18,300.00	7,257.41	7,238.41	7,238.41	320.72	250.97	96.15	-769.77	-737.26	9,216.61	8,925.48	291.13	31.658					
18,400.00	7,257.62	7,238.62	7,238.62	323.56	250.98	96.22	-769.77	-737.26	9,316.59	9,025.36	291.23	31.991					
18,500.00	7,257.84	7,238.84	7,238.84	326.40	250.98	96.29	-769.77	-737.26	9,416.57	9,125.24	291.33	32.323					
18,600.00	7,258.05	7,239.05	7,239.05	329.24	250.99	96.35	-769.77	-737.26	9,516.55	9,225.12	291.43	32.654					
18,700.00	7,258.26	7,239.26	7,239.26	332.08	251.00	96.42	-769.77	-737.26	9,616.53	9,325.00	291.54	32.986					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - JOHNSON #11-16G6(TA - OH - OH)													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>		<b>Distance</b>								
<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Reference (ft)</b>	<b>Offset (ft)</b>	<b>Highside Toolface (")</b>	<b>Offset Wellbore Centre +N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Between Centres (ft)</b>	<b>Between Ellipses (ft)</b>	<b>Minimum Separation (ft)</b>	<b>Separation Factor</b>	<b>Warning</b>	
18,800.00	7,258.48	7,239.48	7,239.48	334.92	251.01	96.49	-769.77	-737.26	9,716.51	9,424.88	291.64	33.317		
18,900.00	7,258.69	7,239.69	7,239.69	337.76	251.01	96.55	-769.77	-737.26	9,816.50	9,524.75	291.74	33.648		
19,000.00	7,258.90	7,239.90	7,239.90	340.60	251.02	96.62	-769.77	-737.26	9,916.48	9,624.63	291.85	33.978		
19,046.19	7,259.00	7,240.00	7,240.00	341.92	251.02	96.65	-769.77	-737.26	9,962.66	9,670.76	291.90	34.131		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - JOHNSON #2(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-GYRO-NS														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-61.19	227.32	-413.25	471.95					
100.00	100.00	79.81	79.80	3.28	3.28	-61.14	227.79	-413.30	471.93	465.36	6.57	71.834 CC, ES		
200.00	200.00	180.46	180.45	3.34	3.33	-61.01	229.08	-413.40	472.64	465.97	6.67	70.905		
300.00	300.00	281.03	281.01	3.44	3.43	-60.92	229.96	-413.44	473.09	466.22	6.87	68.834		
400.00	399.98	380.36	380.34	3.60	3.57	174.17	230.70	-413.56	475.30	468.12	7.17	66.270		
500.00	499.84	480.96	480.94	3.79	3.77	174.30	231.48	-413.71	481.01	473.45	7.56	63.640		
600.00	599.45	580.51	580.49	4.03	3.99	174.44	232.12	-413.77	490.06	482.04	8.02	61.099		
700.00	698.70	678.52	678.49	4.30	4.25	174.59	232.67	-414.03	502.69	494.14	8.55	58.827		
800.00	797.47	777.49	777.46	4.61	4.53	174.76	233.28	-414.42	518.90	509.77	9.13	56.853		
900.00	895.62	874.17	874.14	4.95	4.82	174.93	233.75	-414.88	538.55	528.81	9.75	55.244		
1,000.00	993.06	971.04	971.01	5.33	5.14	175.09	234.20	-415.63	561.85	551.44	10.41	53.977		
1,100.00	1,090.08	1,069.14	1,069.11	5.74	5.47	175.30	234.65	-416.30	586.75	575.65	11.10	52.857		
1,200.00	1,187.11	1,164.26	1,164.22	6.17	5.80	175.48	234.95	-416.92	611.58	599.78	11.80	51.818		
1,300.00	1,284.14	1,262.00	1,261.96	6.61	6.15	175.64	235.33	-417.86	636.69	624.16	12.54	50.783		
1,400.00	1,381.17	1,359.10	1,359.05	7.07	6.50	175.77	235.36	-418.62	661.49	648.20	13.29	49.776		
1,500.00	1,478.20	1,455.20	1,455.15	7.55	6.86	175.90	235.69	-419.40	686.47	672.41	14.05	48.850		
1,600.00	1,575.23	1,554.71	1,554.65	8.03	7.24	176.02	235.83	-420.21	711.35	696.50	14.85	47.914		
1,700.00	1,672.26	1,654.60	1,654.54	8.52	7.62	176.15	235.88	-420.47	735.72	720.07	15.65	46.998		
1,800.00	1,769.29	1,752.52	1,752.46	9.01	8.00	176.26	235.73	-420.58	759.89	743.43	16.46	46.164		
1,900.00	1,866.32	1,850.12	1,850.06	9.51	8.38	176.36	235.54	-420.63	783.98	766.71	17.27	45.387		
2,000.00	1,963.35	1,947.07	1,947.02	10.02	8.76	176.44	235.16	-420.74	808.02	789.93	18.09	44.668		
2,100.00	2,060.38	2,044.47	2,044.41	10.53	9.15	176.50	234.61	-421.00	832.11	813.19	18.92	43.991		
2,200.00	2,157.41	2,143.37	2,143.30	11.04	9.54	176.50	233.26	-421.56	856.03	836.27	19.76	43.329		
2,300.00	2,254.44	2,240.71	2,240.62	11.56	9.94	176.46	231.33	-422.29	879.79	859.20	20.59	42.720		
2,400.00	2,351.47	2,336.21	2,336.09	12.07	10.32	176.41	229.28	-423.25	903.68	882.25	21.43	42.177		
2,500.00	2,448.50	2,430.24	2,430.10	12.59	10.71	176.35	227.23	-424.43	927.76	905.51	22.25	41.692		
2,600.00	2,545.53	2,522.00	2,521.81	13.12	11.08	176.28	225.32	-426.11	952.36	929.29	23.07	41.286		
2,700.00	2,642.56	2,617.19	2,616.97	13.64	11.47	176.22	223.61	-428.03	977.27	953.36	23.91	40.878		
2,800.00	2,739.59	2,712.19	2,711.94	14.17	11.86	176.18	222.15	-430.01	1,002.36	977.62	24.75	40.504		
2,900.00	2,836.62	2,808.81	2,808.53	14.69	12.26	176.14	220.75	-432.08	1,027.55	1,001.95	25.60	40.137		
3,000.00	2,933.65	2,907.12	2,906.80	15.22	12.67	176.10	219.38	-434.06	1,052.66	1,026.20	26.47	39.772		
3,100.00	3,030.68	3,003.61	3,003.28	15.75	13.07	176.09	218.29	-435.81	1,077.73	1,050.41	27.32	39.443		
3,200.00	3,127.71	3,102.08	3,101.73	16.28	13.48	176.10	217.47	-437.33	1,102.74	1,074.54	28.19	39.111		
3,300.00	3,224.74	3,204.05	3,203.69	16.82	13.90	176.11	216.57	-438.58	1,127.45	1,098.36	29.09	38.755		
3,400.00	3,321.76	3,295.12	3,294.75	17.35	14.28	176.12	215.82	-439.71	1,152.20	1,122.29	29.91	38.517		
3,500.00	3,418.79	3,395.30	3,394.92	17.88	14.70	176.15	215.27	-440.91	1,177.07	1,146.26	30.80	38.214		
3,600.00	3,515.82	3,494.26	3,493.88	18.42	15.11	176.19	214.78	-441.78	1,201.69	1,170.00	31.68	37.930		
3,700.00	3,612.85	3,583.12	3,582.72	18.95	15.48	176.22	214.42	-442.75	1,226.52	1,194.03	32.49	37.749		
3,800.00	3,709.88	3,678.60	3,678.20	19.49	15.88	176.26	214.40	-444.08	1,251.81	1,218.46	33.35	37.536		
3,900.00	3,806.91	3,775.76	3,775.36	20.02	16.29	176.31	214.72	-445.20	1,277.07	1,242.85	34.22	37.319		
4,000.00	3,903.94	3,870.93	3,870.51	20.56	16.69	176.38	215.34	-446.14	1,302.37	1,267.29	35.08	37.128		
4,100.00	4,000.97	3,965.61	3,965.19	21.09	17.09	176.46	216.21	-447.10	1,327.81	1,291.88	35.93	36.954		
4,200.00	4,098.00	4,059.48	4,059.05	21.63	17.48	176.51	216.87	-448.35	1,353.42	1,316.64	36.78	36.797		
4,300.00	4,195.03	4,159.89	4,159.45	22.17	17.91	176.58	217.67	-449.73	1,379.12	1,341.44	37.68	36.601		
4,400.00	4,292.06	4,262.67	4,262.22	22.71	18.34	176.63	218.08	-450.80	1,404.32	1,365.73	38.60	36.384		
4,500.00	4,389.09	4,359.62	4,359.16	23.25	18.75	176.68	218.35	-451.61	1,429.31	1,389.84	39.47	36.211		
4,600.00	4,486.12	4,455.63	4,455.17	23.78	19.16	176.72	218.51	-452.59	1,454.39	1,414.05	40.34	36.054		
4,700.00	4,583.15	4,554.55	4,554.09	24.32	19.57	176.76	218.75	-453.50	1,479.43	1,438.20	41.23	35.883		
4,800.00	4,680.18	4,654.21	4,653.74	24.86	19.99	176.78	218.30	-454.61	1,504.27	1,462.15	42.13	35.709		
4,900.00	4,777.21	4,751.68	4,751.20	25.40	20.41	176.79	217.65	-455.69	1,529.00	1,485.99	43.01	35.553		
5,000.00	4,874.24	4,848.78	4,848.29	25.94	20.82	176.78	216.76	-456.93	1,553.73	1,509.85	43.88	35.405		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - JOHNSON #2(PA) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	4,944.94	4,944.43	26.48	21.22	176.77	215.67	-458.25	1,578.44	1,533.68	44.76	35.267		
5,200.00	5,068.30	5,042.34	5,041.81	27.02	21.64	176.75	214.48	-459.76	1,603.24	1,557.61	45.64	35.129		
5,300.00	5,165.33	5,144.33	5,143.79	27.56	22.07	176.74	213.18	-461.08	1,627.82	1,581.26	46.55	34.966		
5,400.00	5,262.36	5,248.15	5,247.58	28.10	22.51	176.71	211.32	-462.36	1,652.07	1,604.59	47.48	34.792		
5,500.00	5,359.39	5,349.57	5,348.99	28.64	22.94	176.70	209.85	-462.88	1,675.90	1,627.51	48.40	34.629		
5,600.00	5,456.42	5,446.47	5,445.88	29.18	23.35	176.71	208.73	-463.13	1,699.68	1,650.41	49.27	34.495		
5,700.00	5,553.45	5,548.13	5,547.53	29.72	23.78	176.72	207.42	-463.41	1,723.41	1,673.22	50.19	34.340		
5,800.00	5,650.47	5,649.27	5,648.66	30.27	24.20	176.72	205.80	-463.42	1,746.75	1,695.65	51.10	34.186		
5,900.00	5,747.50	5,744.82	5,744.20	30.81	24.61	176.73	204.48	-463.32	1,770.11	1,718.14	51.96	34.064		
6,000.00	5,844.53	5,845.77	5,845.14	31.35	25.04	176.73	202.93	-463.33	1,793.49	1,740.62	52.87	33.921		
6,100.00	5,941.56	5,944.18	5,943.54	31.89	25.45	176.74	201.53	-462.87	1,816.53	1,762.77	53.76	33.788		
6,200.00	6,038.59	6,040.04	6,039.39	32.43	25.86	176.77	200.72	-462.39	1,839.83	1,785.20	54.63	33.675		
6,300.00	6,135.62	6,141.76	6,141.10	32.97	26.28	176.81	199.84	-461.52	1,862.83	1,807.28	55.55	33.535		
6,400.00	6,232.65	6,239.05	6,238.38	33.51	26.70	176.83	198.77	-460.87	1,885.88	1,829.45	56.43	33.419		
6,500.00	6,329.68	6,336.86	6,336.19	34.06	27.11	176.86	197.71	-460.02	1,908.76	1,851.45	57.32	33.302		
6,600.00	6,426.71	6,428.71	6,428.03	34.60	27.50	176.89	197.03	-459.33	1,931.91	1,873.75	58.16	33.217		
6,655.36	6,480.43	6,483.54	6,482.86	34.90	27.73	176.90	196.65	-458.94	1,944.77	1,886.11	58.66	33.155		
6,700.00	6,524.01	6,525.59	6,524.91	35.13	27.91	164.30	196.33	-458.65	1,953.84	1,894.81	59.03	33.096		
6,750.00	6,573.29	6,571.48	6,570.80	35.36	28.10	141.52	195.96	-458.43	1,961.00	1,901.56	59.44	32.993		
6,800.00	6,622.76	6,619.49	6,618.80	35.56	28.30	111.14	195.54	-458.32	1,964.95	1,905.11	59.84	32.837		
6,850.00	6,672.13	6,670.57	6,669.88	35.73	28.52	85.93	195.00	-458.23	1,965.60	1,905.35	60.25	32.626		
6,900.00	6,721.08	6,718.49	6,717.80	35.88	28.72	70.85	194.43	-458.16	1,962.94	1,902.33	60.61	32.386		
6,950.00	6,769.31	6,761.91	6,761.22	36.03	28.91	62.34	194.02	-458.13	1,957.14	1,896.22	60.92	32.124		
7,000.00	6,816.53	6,804.46	6,803.77	36.18	29.09	57.46	193.77	-458.12	1,948.31	1,887.09	61.22	31.826		
7,050.00	6,862.44	6,846.39	6,845.69	36.34	29.27	54.70	193.62	-458.16	1,936.52	1,875.03	61.49	31.491		
7,100.00	6,906.77	6,886.91	6,886.21	36.50	29.44	53.30	193.52	-458.27	1,921.88	1,860.13	61.75	31.123		
7,150.00	6,949.23	6,927.47	6,926.78	36.68	29.61	52.88	193.47	-458.43	1,904.50	1,842.50	62.01	30.714		
7,200.00	6,989.58	6,966.85	6,966.15	36.87	29.78	53.24	193.44	-458.60	1,884.52	1,822.26	62.26	30.270		
7,250.00	7,027.55	7,004.37	7,003.67	37.09	29.94	54.24	193.44	-458.78	1,862.09	1,799.59	62.50	29.793		
7,300.00	7,062.91	7,042.68	7,041.98	37.32	30.10	55.87	193.40	-458.94	1,837.39	1,774.62	62.77	29.273		
7,350.00	7,095.45	7,077.91	7,077.21	37.59	30.25	58.03	193.32	-459.07	1,810.61	1,747.58	63.04	28.724		
7,400.00	7,124.97	7,109.85	7,109.15	37.88	30.39	60.68	193.21	-459.16	1,782.01	1,718.70	63.31	28.147		
7,450.00	7,151.28	7,131.49	7,130.79	38.21	30.48	63.56	193.15	-459.25	1,751.91	1,688.36	63.55	27.569		
7,500.00	7,174.22	7,152.01	7,151.31	38.58	30.57	66.89	193.11	-459.36	1,720.56	1,656.74	63.82	26.958		
7,550.00	7,193.65	7,169.51	7,168.81	38.98	30.64	70.55	193.09	-459.47	1,688.23	1,624.10	64.13	26.323		
7,600.00	7,209.45	7,183.87	7,183.17	39.43	30.71	74.47	193.09	-459.57	1,655.18	1,590.69	64.49	25.666		
7,650.00	7,221.52	7,194.98	7,194.28	39.91	30.75	78.57	193.09	-459.66	1,621.66	1,556.77	64.89	24.991		
7,700.00	7,229.79	7,203.07	7,202.37	40.42	30.79	82.76	193.10	-459.73	1,587.93	1,522.59	65.35	24.300		
7,750.00	7,234.21	7,207.92	7,207.22	40.97	30.81	86.92	193.10	-459.77	1,554.26	1,488.41	65.85	23.601		
7,780.56	7,235.00	7,208.97	7,208.27	41.32	30.81	89.40	193.10	-459.78	1,533.82	1,467.63	66.19	23.173		
7,800.00	7,235.04	7,209.18	7,208.48	41.54	30.81	89.41	193.10	-459.78	1,520.93	1,454.52	66.41	22.901		
7,900.00	7,235.26	7,210.25	7,209.55	42.82	30.82	89.47	193.10	-459.79	1,456.94	1,389.20	67.74	21.507		
8,000.00	7,235.47	7,211.32	7,210.62	44.25	30.82	89.52	193.11	-459.80	1,397.19	1,327.80	69.38	20.137		
8,100.00	7,235.68	7,212.39	7,211.69	45.82	30.83	89.57	193.11	-459.81	1,342.22	1,270.88	71.34	18.814		
8,200.00	7,235.90	7,213.46	7,212.75	47.52	30.83	89.63	193.11	-459.82	1,292.67	1,219.06	73.61	17.561		
8,300.00	7,236.11	7,214.52	7,213.82	49.34	30.84	89.68	193.11	-459.82	1,249.18	1,173.02	76.15	16.403		
8,400.00	7,236.32	7,215.59	7,214.89	51.25	30.84	89.73	193.11	-459.83	1,212.38	1,133.46	78.92	15.362		
8,500.00	7,236.54	7,216.66	7,215.96	53.26	30.84	89.79	193.11	-459.84	1,182.92	1,101.10	81.83	14.457		
8,600.00	7,236.75	7,217.73	7,217.03	55.34	30.85	89.84	193.11	-459.85	1,161.35	1,076.58	84.77	13.699		
8,700.00	7,236.96	7,218.80	7,218.10	57.50	30.85	89.90	193.11	-459.86	1,148.11	1,060.46	87.66	13.098		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - JOHNSON #2(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-GYRO-NS														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	7,219.87	7,219.17	59.71	30.86	89.95	193.11	-459.87	1,143.50	1,053.13	90.37	12.654		
8,802.88	7,237.18	7,219.90	7,219.20	59.77	30.86	89.95	193.11	-459.87	1,143.49	1,053.05	90.44	12.643		
8,900.00	7,237.39	7,220.94	7,220.23	61.98	30.86	90.00	193.11	-459.88	1,147.61	1,054.80	92.81	12.365		
9,000.00	7,237.60	7,222.00	7,221.30	64.29	30.87	90.06	193.11	-459.89	1,160.36	1,065.44	94.92	12.225		
9,100.00	7,237.81	7,223.07	7,222.37	66.65	30.87	90.11	193.11	-459.90	1,181.46	1,084.81	96.65	12.224 SF		
9,200.00	7,238.03	7,224.14	7,223.44	69.05	30.88	90.16	193.12	-459.91	1,210.48	1,112.48	98.00	12.352		
9,300.00	7,238.24	7,225.21	7,224.51	71.48	30.88	90.22	193.12	-459.92	1,246.86	1,147.88	98.98	12.597		
9,400.00	7,238.45	7,226.28	7,225.58	73.95	30.89	90.27	193.12	-459.93	1,289.99	1,190.36	99.63	12.948		
9,500.00	7,238.67	7,227.35	7,226.64	76.44	30.89	90.32	193.12	-459.93	1,339.21	1,239.21	100.00	13.392		
9,600.00	7,238.88	7,228.41	7,227.71	78.96	30.89	90.38	193.12	-459.94	1,393.88	1,293.75	100.13	13.921		
9,700.00	7,239.09	7,229.48	7,228.78	81.50	30.90	90.43	193.12	-459.95	1,453.38	1,353.30	100.07	14.523		
9,800.00	7,239.30	7,230.55	7,229.85	84.06	30.90	90.48	193.12	-459.96	1,517.14	1,417.26	99.87	15.191		
9,900.00	7,239.52	7,231.62	7,230.91	86.64	30.91	90.54	193.12	-459.97	1,584.65	1,485.08	99.56	15.916		
10,000.00	7,239.73	7,232.68	7,231.98	89.23	30.91	90.59	193.12	-459.98	1,655.44	1,556.27	99.18	16.692		
10,100.00	7,239.94	7,233.75	7,233.05	91.85	30.92	90.64	193.12	-459.99	1,729.13	1,630.39	98.74	17.512		
10,200.00	7,240.16	7,234.82	7,234.12	94.47	30.92	90.70	193.12	-460.00	1,805.35	1,707.08	98.27	18.372		
10,300.00	7,240.37	7,235.89	7,235.18	97.11	30.93	90.75	193.13	-460.01	1,883.79	1,786.02	97.78	19.266		
10,400.00	7,240.58	7,236.95	7,236.25	99.76	30.93	90.81	193.13	-460.02	1,964.19	1,866.92	97.28	20.192		
10,500.00	7,240.80	7,238.02	7,237.32	102.43	30.94	90.86	193.13	-460.03	2,046.33	1,949.55	96.78	21.144		
10,600.00	7,241.01	7,239.09	7,238.39	105.10	30.94	90.91	193.13	-460.03	2,129.98	2,033.70	96.29	22.121		
10,700.00	7,241.22	7,240.16	7,239.45	107.79	30.94	90.97	193.13	-460.04	2,215.00	2,119.19	95.81	23.119		
10,800.00	7,241.43	7,241.22	7,240.52	110.48	30.95	91.02	193.13	-460.05	2,301.21	2,205.87	95.34	24.137		
10,900.00	7,241.65	7,242.29	7,241.59	113.18	30.95	91.07	193.13	-460.06	2,388.51	2,293.62	94.89	25.171		
11,000.00	7,241.86	7,243.36	7,242.65	115.89	30.96	91.13	193.13	-460.07	2,476.76	2,382.30	94.46	26.221		
11,100.00	7,242.07	7,244.42	7,243.72	118.60	30.96	91.18	193.13	-460.08	2,565.87	2,471.83	94.04	27.285		
11,200.00	7,242.29	7,245.49	7,244.79	121.32	30.97	91.23	193.13	-460.09	2,655.76	2,562.12	93.64	28.361		
11,300.00	7,242.50	7,246.56	7,245.85	124.05	30.97	91.29	193.13	-460.10	2,746.35	2,653.09	93.26	29.447		
11,400.00	7,242.71	7,247.62	7,246.92	126.78	30.98	91.34	193.13	-460.11	2,837.57	2,744.67	92.90	30.544		
11,500.00	7,242.93	7,248.69	7,247.99	129.52	30.98	91.39	193.14	-460.12	2,929.36	2,836.81	92.56	31.650		
11,600.00	7,243.14	7,249.76	7,249.05	132.27	30.99	91.45	193.14	-460.13	3,021.68	2,929.45	92.23	32.763		
11,700.00	7,243.35	7,250.82	7,250.12	135.02	30.99	91.50	193.14	-460.13	3,114.47	3,022.55	91.91	33.884		
11,800.00	7,243.57	7,251.89	7,251.19	137.77	30.99	91.55	193.14	-460.14	3,207.69	3,116.07	91.62	35.012		
11,900.00	7,243.78	7,252.96	7,252.25	140.53	31.00	91.61	193.14	-460.15	3,301.30	3,209.97	91.34	36.145		
12,000.00	7,243.99	7,254.02	7,253.32	143.29	31.00	91.66	193.14	-460.16	3,395.28	3,304.22	91.07	37.283		
12,100.00	7,244.20	7,255.09	7,254.38	146.05	31.01	91.71	193.14	-460.17	3,489.60	3,398.79	90.81	38.426		
12,200.00	7,244.42	7,256.15	7,255.45	148.82	31.01	91.77	193.14	-460.18	3,584.22	3,493.65	90.57	39.574		
12,300.00	7,244.63	7,257.22	7,256.52	151.60	31.02	91.82	193.14	-460.19	3,679.13	3,588.79	90.34	40.725		
12,400.00	7,244.84	7,258.29	7,257.58	154.37	31.02	91.87	193.14	-460.20	3,774.30	3,684.18	90.12	41.879		
12,500.00	7,245.06	7,259.35	7,258.65	157.15	31.03	91.93	193.14	-460.21	3,869.71	3,779.80	89.92	43.037		
12,600.00	7,245.27	7,260.42	7,259.71	159.93	31.03	91.98	193.15	-460.22	3,965.35	3,875.63	89.72	44.197		
12,700.00	7,245.48	7,261.48	7,260.78	162.71	31.04	92.03	193.15	-460.23	4,061.20	3,971.67	89.53	45.360		
12,800.00	7,245.70	7,262.55	7,261.85	165.50	31.04	92.09	193.15	-460.24	4,157.24	4,067.89	89.36	46.524		
12,900.00	7,245.91	7,263.61	7,262.91	168.29	31.04	92.14	193.15	-460.24	4,253.47	4,164.28	89.19	47.691		
13,000.00	7,246.12	7,264.68	7,263.98	171.08	31.05	92.19	193.15	-460.25	4,349.87	4,260.84	89.03	48.859		
13,100.00	7,246.33	7,265.74	7,265.04	173.87	31.05	92.25	193.15	-460.26	4,446.42	4,357.54	88.88	50.028		
13,200.00	7,246.55	7,266.81	7,266.11	176.67	31.06	92.30	193.15	-460.27	4,543.13	4,454.39	88.74	51.199		
13,300.00	7,246.76	7,267.88	7,267.17	179.47	31.06	92.35	193.15	-460.28	4,639.97	4,551.37	88.60	52.370		
13,400.00	7,246.97	7,268.94	7,268.24	182.27	31.07	92.41	193.15	-460.29	4,736.94	4,648.47	88.47	53.543		
13,500.00	7,247.19	7,270.01	7,269.30	185.07	31.07	92.46	193.15	-460.30	4,834.04	4,745.69	88.35	54.715		
13,600.00	7,247.40	7,271.07	7,270.37	187.87	31.08	92.51	193.15	-460.31	4,931.25	4,843.02	88.23	55.889		
13,700.00	7,247.61	7,272.14	7,271.43	190.68	31.08	92.57	193.15	-460.32	5,028.58	4,940.45	88.12	57.062		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - JOHNSON #2(PA) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.83	7,273.20	7,272.50	193.48	31.09	92.62	193.16	-460.33	5,126.00	5,037.98	88.02	58.236		
13,900.00	7,248.04	7,274.27	7,273.56	196.29	31.09	92.67	193.16	-460.34	5,223.52	5,135.60	87.92	59.409		
14,000.00	7,248.25	7,275.33	7,274.63	199.10	31.09	92.73	193.16	-460.34	5,321.14	5,233.31	87.83	60.583		
14,100.00	7,248.46	7,276.39	7,275.69	201.91	31.10	92.78	193.16	-460.35	5,418.84	5,331.09	87.75	61.756		
14,200.00	7,248.68	7,277.46	7,276.76	204.72	31.10	92.83	193.16	-460.36	5,516.62	5,428.96	87.66	62.929		
14,300.00	7,248.89	7,278.52	7,277.82	207.53	31.11	92.89	193.16	-460.37	5,614.48	5,526.89	87.59	64.102		
14,400.00	7,249.10	7,279.59	7,278.88	210.35	31.11	92.94	193.16	-460.38	5,712.42	5,624.90	87.51	65.274		
14,500.00	7,249.32	7,280.65	7,279.95	213.16	31.12	92.99	193.16	-460.39	5,810.42	5,722.97	87.45	66.445		
14,600.00	7,249.53	7,281.72	7,281.01	215.98	31.12	93.04	193.16	-460.40	5,908.49	5,821.11	87.38	67.615		
14,700.00	7,249.74	7,282.78	7,282.08	218.80	31.13	93.10	193.16	-460.41	6,006.63	5,919.30	87.32	68.785		
14,800.00	7,249.96	7,283.85	7,283.14	221.62	31.13	93.15	193.16	-460.42	6,104.82	6,017.55	87.27	69.954		
14,900.00	7,250.17	7,284.91	7,284.21	224.44	31.14	93.20	193.17	-460.43	6,203.08	6,115.86	87.22	71.121		
15,000.00	7,250.38	7,285.97	7,285.27	227.26	31.14	93.26	193.17	-460.44	6,301.38	6,214.21	87.17	72.288		
15,100.00	7,250.59	7,287.04	7,286.33	230.08	31.14	93.31	193.17	-460.44	6,399.74	6,312.62	87.13	73.453		
15,200.00	7,250.81	7,288.10	7,287.40	232.90	31.15	93.36	193.17	-460.45	6,498.15	6,411.07	87.09	74.618		
15,300.00	7,251.02	7,289.16	7,288.46	235.72	31.15	93.42	193.17	-460.46	6,596.61	6,509.56	87.05	75.781		
15,400.00	7,251.23	7,290.23	7,289.52	238.55	31.16	93.47	193.17	-460.47	6,695.11	6,608.10	87.01	76.942		
15,500.00	7,251.45	7,291.29	7,290.59	241.37	31.16	93.52	193.17	-460.48	6,793.66	6,706.68	86.98	78.102		
15,600.00	7,251.66	7,292.36	7,291.65	244.20	31.17	93.58	193.17	-460.49	6,892.25	6,805.29	86.96	79.261		
15,700.00	7,251.87	7,293.42	7,292.71	247.03	31.17	93.63	193.17	-460.50	6,990.88	6,903.94	86.93	80.418		
15,800.00	7,252.09	7,294.48	7,293.78	249.85	31.18	93.68	193.17	-460.51	7,089.54	7,002.63	86.91	81.574		
15,900.00	7,252.30	7,295.55	7,294.84	252.68	31.18	93.74	193.17	-460.52	7,188.25	7,101.36	86.89	82.728		
16,000.00	7,252.51	7,296.61	7,295.90	255.51	31.19	93.79	193.17	-460.53	7,286.98	7,200.11	86.87	83.880		
16,100.00	7,252.72	7,297.67	7,296.97	258.34	31.19	93.84	193.18	-460.54	7,385.76	7,298.90	86.86	85.030		
16,200.00	7,252.94	7,298.74	7,298.03	261.17	31.19	93.89	193.18	-460.54	7,484.56	7,397.71	86.85	86.179		
16,300.00	7,253.15	7,299.80	7,299.09	264.00	31.20	93.95	193.18	-460.55	7,583.40	7,496.56	86.84	87.326		
16,400.00	7,253.36	7,300.86	7,300.16	266.83	31.20	94.00	193.18	-460.56	7,682.26	7,595.43	86.83	88.471		
16,500.00	7,253.58	7,301.92	7,301.22	269.66	31.21	94.05	193.18	-460.57	7,781.16	7,694.33	86.83	89.614		
16,600.00	7,253.79	7,302.99	7,302.28	272.50	31.21	94.11	193.18	-460.58	7,880.08	7,793.25	86.83	90.755		
16,700.00	7,254.00	7,304.05	7,303.35	275.33	31.22	94.16	193.18	-460.59	7,979.03	7,892.20	86.83	91.894		
16,800.00	7,254.22	7,305.11	7,304.41	278.16	31.22	94.21	193.18	-460.60	8,078.00	7,991.17	86.83	93.031		
16,900.00	7,254.43	7,306.18	7,305.47	281.00	31.23	94.27	193.18	-460.61	8,177.00	8,090.17	86.84	94.166		
17,000.00	7,254.64	7,307.24	7,306.53	283.83	31.23	94.32	193.18	-460.62	8,276.03	8,189.18	86.84	95.299		
17,100.00	7,254.85	7,308.30	7,307.60	286.67	31.24	94.37	193.18	-460.63	8,375.07	8,288.22	86.85	96.429		
17,200.00	7,255.07	7,309.36	7,308.66	289.50	31.24	94.42	193.18	-460.63	8,474.14	8,387.28	86.86	97.558		
17,300.00	7,255.28	7,310.42	7,309.72	292.34	31.24	94.48	193.19	-460.64	8,573.23	8,486.36	86.88	98.684		
17,400.00	7,255.49	7,311.49	7,310.78	295.17	31.25	94.53	193.19	-460.65	8,672.34	8,585.45	86.89	99.808		
17,500.00	7,255.71	7,312.55	7,311.84	298.01	31.25	94.58	193.19	-460.66	8,771.48	8,684.57	86.91	100.930		
17,600.00	7,255.92	7,313.61	7,312.91	300.85	31.26	94.64	193.19	-460.67	8,870.63	8,783.70	86.92	102.049		
17,700.00	7,256.13	7,314.67	7,313.97	303.68	31.26	94.69	193.19	-460.68	8,969.80	8,882.85	86.94	103.166		
17,800.00	7,256.35	7,315.74	7,315.03	306.52	31.27	94.74	193.19	-460.69	9,068.98	8,982.02	86.97	104.281		
17,900.00	7,256.56	7,316.80	7,316.09	309.36	31.27	94.79	193.19	-460.70	9,168.19	9,081.20	86.99	105.393		
18,000.00	7,256.77	7,317.86	7,317.15	312.20	31.28	94.85	193.19	-460.71	9,267.41	9,180.39	87.02	106.503		
18,100.00	7,256.98	7,318.92	7,318.22	315.04	31.28	94.90	193.19	-460.72	9,366.65	9,279.61	87.04	107.611		
18,200.00	7,257.20	7,319.98	7,319.28	317.88	31.29	94.95	193.19	-460.73	9,465.90	9,378.83	87.07	108.716		
18,300.00	7,257.41	7,321.04	7,320.34	320.72	31.29	95.01	193.19	-460.73	9,565.17	9,478.07	87.10	109.818		
18,400.00	7,257.62	7,322.11	7,321.40	323.56	31.29	95.06	193.20	-460.74	9,664.46	9,577.32	87.13	110.918		
18,500.00	7,257.84	7,323.17	7,322.46	326.40	31.30	95.11	193.20	-460.75	9,763.76	9,676.59	87.16	112.015		
18,600.00	7,258.05	7,324.23	7,323.52	329.24	31.30	95.16	193.20	-460.76	9,863.07	9,775.87	87.20	113.110		
18,700.00	7,258.26	7,325.29	7,324.58	332.08	31.31	95.22	193.20	-460.77	9,962.40	9,875.16	87.23	114.202		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - KRISTY #1(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-GYRO-NS														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-117.97	-2,276.91	-4,287.28	4,854.41					
100.00	100.00	106.69	106.69	3.28	3.29	-117.97	-2,276.82	-4,287.07	4,854.20	4,847.63	6.57	738.530		
193.50	193.50	179.50	179.50	3.33	3.33	-117.97	-2,276.64	-4,287.02	4,854.03	4,847.37	6.66	728.999		
200.00	200.00	184.73	184.73	3.34	3.33	-117.97	-2,276.62	-4,287.03	4,854.03	4,847.36	6.67	728.022		
300.00	300.00	319.63	319.63	3.44	3.48	-117.96	-2,275.69	-4,287.13	4,853.80	4,846.88	6.92	701.152		
346.80	346.80	368.90	368.90	3.51	3.55	117.05	-2,275.34	-4,286.95	4,853.67	4,846.60	7.06	687.092		
400.00	399.98	417.66	417.65	3.60	3.64	117.06	-2,275.08	-4,286.66	4,853.88	4,846.65	7.24	670.825		
500.00	499.84	485.32	485.31	3.79	3.77	117.06	-2,274.93	-4,286.50	4,855.94	4,848.38	7.56	642.128		
600.00	599.45	586.50	586.49	4.03	4.00	117.09	-2,274.68	-4,286.71	4,859.99	4,851.97	8.03	605.380		
700.00	698.70	724.17	724.16	4.30	4.37	117.18	-2,273.60	-4,286.57	4,865.12	4,856.45	8.67	561.438		
800.00	797.47	819.79	819.77	4.61	4.65	117.22	-2,273.06	-4,285.96	4,871.51	4,862.26	9.25	526.415		
900.00	895.62	900.00	899.98	4.95	4.90	117.24	-2,272.93	-4,285.55	4,879.83	4,869.99	9.85	495.661		
1,000.00	993.06	973.78	973.76	5.33	5.14	117.22	-2,272.94	-4,285.47	4,890.23	4,879.77	10.46	467.642		
1,100.00	1,090.08	1,062.05	1,062.03	5.74	5.43	117.45	-2,272.84	-4,285.76	4,901.84	4,890.69	11.15	439.535		
1,200.00	1,187.11	1,185.80	1,185.78	6.17	5.86	117.77	-2,272.18	-4,286.24	4,913.45	4,901.45	12.00	409.375		
1,300.00	1,284.14	1,281.04	1,281.02	6.61	6.21	118.01	-2,271.71	-4,286.16	4,924.75	4,911.97	12.78	385.357		
1,400.00	1,381.17	1,367.32	1,367.30	7.07	6.52	118.23	-2,271.73	-4,286.04	4,936.30	4,922.76	13.54	364.471		
1,500.00	1,478.20	1,446.75	1,446.73	7.55	6.81	118.42	-2,271.95	-4,286.06	4,948.20	4,933.91	14.30	346.110		
1,600.00	1,575.23	1,525.58	1,525.56	8.03	7.11	118.62	-2,272.24	-4,286.42	4,960.59	4,945.53	15.06	329.414		
1,700.00	1,672.26	1,611.61	1,611.58	8.52	7.44	118.83	-2,272.60	-4,287.03	4,973.33	4,957.47	15.86	313.586		
1,800.00	1,769.29	1,696.58	1,696.55	9.01	7.77	119.04	-2,273.20	-4,287.75	4,986.38	4,969.72	16.67	299.208		
1,900.00	1,866.32	1,782.28	1,782.24	9.51	8.10	119.24	-2,273.95	-4,288.62	4,999.74	4,982.26	17.48	285.997		
2,000.00	1,963.35	1,921.35	1,921.30	10.02	8.65	119.58	-2,274.90	-4,289.74	5,012.95	4,994.43	18.52	270.613		
2,100.00	2,060.38	2,054.83	2,054.78	10.53	9.18	119.89	-2,275.66	-4,289.79	5,025.51	5,005.96	19.55	257.010		
2,200.00	2,157.41	2,170.62	2,170.56	11.04	9.64	120.17	-2,275.59	-4,289.23	5,037.41	5,016.90	20.52	245.527		
2,300.00	2,254.44	2,255.10	2,255.05	11.56	9.98	120.37	-2,275.82	-4,288.71	5,049.42	5,028.07	21.35	236.459		
2,400.00	2,351.47	2,327.35	2,327.29	12.07	10.27	120.53	-2,276.49	-4,288.34	5,061.88	5,039.73	22.14	228.597		
2,500.00	2,448.50	2,400.00	2,399.94	12.59	10.57	120.69	-2,277.29	-4,288.45	5,075.02	5,052.08	22.94	221.272		
2,600.00	2,545.53	2,481.50	2,481.43	13.12	10.90	120.88	-2,278.10	-4,288.96	5,088.63	5,064.87	23.77	214.101		
2,700.00	2,642.56	2,598.92	2,598.85	13.64	11.38	121.15	-2,279.04	-4,289.60	5,102.21	5,077.45	24.76	206.087		
2,800.00	2,739.59	2,703.12	2,703.04	14.17	11.80	121.39	-2,279.92	-4,289.81	5,115.56	5,089.87	25.69	199.100		
2,900.00	2,836.62	2,796.97	2,796.88	14.69	12.19	121.59	-2,280.89	-4,289.89	5,128.96	5,102.37	26.59	192.918		
3,000.00	2,933.65	2,864.63	2,864.54	15.22	12.47	121.74	-2,281.67	-4,290.13	5,142.72	5,115.36	27.36	187.932		
3,100.00	3,030.68	2,968.71	2,968.61	15.75	12.90	121.98	-2,282.67	-4,291.05	5,156.97	5,128.67	28.31	182.188		
3,200.00	3,127.71	3,092.63	3,092.53	16.28	13.41	122.26	-2,283.38	-4,291.61	5,170.75	5,141.41	29.34	176.254		
3,300.00	3,224.74	3,169.67	3,169.56	16.82	13.73	122.43	-2,284.10	-4,291.80	5,184.56	5,154.40	30.16	171.900		
3,400.00	3,321.76	3,246.24	3,246.12	17.35	14.05	122.59	-2,285.08	-4,292.23	5,198.85	5,167.87	30.98	167.805		
3,500.00	3,418.79	3,349.47	3,349.34	17.88	14.48	122.82	-2,286.30	-4,293.18	5,213.50	5,181.57	31.92	163.308		
3,600.00	3,515.82	3,467.25	3,467.12	18.42	14.97	123.08	-2,286.91	-4,293.90	5,227.69	5,194.75	32.93	158.731		
3,700.00	3,612.85	3,565.82	3,565.68	18.95	15.38	123.30	-2,287.27	-4,294.45	5,241.87	5,208.01	33.86	154.820		
3,800.00	3,709.88	3,664.37	3,664.24	19.49	15.79	123.52	-2,287.57	-4,294.98	5,256.09	5,221.31	34.78	151.116		
3,900.00	3,806.91	3,762.92	3,762.78	20.02	16.21	123.74	-2,287.82	-4,295.51	5,270.36	5,234.66	35.71	147.602		
4,000.00	3,903.94	3,861.45	3,861.31	20.56	16.62	123.95	-2,288.00	-4,296.02	5,284.68	5,248.05	36.63	144.264		
4,100.00	4,000.97	3,959.97	3,959.83	21.09	17.03	124.17	-2,288.13	-4,296.53	5,299.04	5,261.48	37.56	141.091		
4,200.00	4,098.00	4,058.47	4,058.33	21.63	17.45	124.39	-2,288.19	-4,297.03	5,313.45	5,274.97	38.48	138.070		
4,300.00	4,195.03	4,156.97	4,156.83	22.17	17.86	124.60	-2,288.20	-4,297.52	5,327.90	5,288.49	39.41	135.191		
4,400.00	4,292.06	4,260.47	4,260.33	22.71	18.30	124.83	-2,288.08	-4,298.01	5,342.38	5,302.02	40.36	132.368		
4,500.00	4,389.09	4,363.91	4,363.77	23.25	18.73	125.06	-2,287.60	-4,298.46	5,356.78	5,315.47	41.31	129.675		
4,600.00	4,486.12	4,460.32	4,460.18	23.78	19.14	125.27	-2,286.88	-4,298.91	5,371.19	5,328.97	42.23	127.202		
4,700.00	4,583.15	4,538.64	4,538.49	24.32	19.47	125.44	-2,286.28	-4,299.38	5,385.81	5,342.76	43.06	125.085		
4,800.00	4,680.18	4,609.64	4,609.48	24.86	19.77	125.60	-2,285.64	-4,300.24	5,401.00	5,357.15	43.85	123.162		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - KRISTY #1(PA) - OH - OH		Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor				
4,900.00	4,777.21	4,725.14	4,724.97	25.40	20.26	125.86	-2,284.51	-4,301.66	5,416.28	5,371.42	44.86	120.736				
5,000.00	4,874.24	4,836.54	4,836.35	25.94	20.73	126.11	-2,283.43	-4,302.72	5,431.38	5,385.54	45.85	118.464				
5,100.00	4,971.27	4,941.92	4,941.73	26.48	21.17	126.33	-2,283.63	-4,302.97	5,446.24	5,399.43	46.81	116.353				
5,200.00	5,068.30	5,025.03	5,024.84	27.02	21.52	126.49	-2,284.40	-4,303.07	5,461.28	5,413.62	47.66	114.584				
5,300.00	5,165.33	5,103.72	5,103.52	27.56	21.86	126.65	-2,285.12	-4,303.43	5,476.69	5,428.20	48.49	112.937				
5,400.00	5,262.36	5,200.63	5,200.43	28.10	22.27	126.84	-2,285.64	-4,304.15	5,492.32	5,442.91	49.41	111.151				
5,500.00	5,359.39	5,291.41	5,291.21	28.64	22.65	127.03	-2,285.96	-4,304.94	5,508.08	5,457.77	50.30	109.498				
5,600.00	5,456.42	5,432.38	5,432.17	29.18	23.25	127.31	-2,286.68	-4,305.45	5,523.44	5,472.00	51.44	107.384				
5,700.00	5,553.45	5,527.71	5,527.50	29.72	23.65	127.49	-2,287.99	-4,305.30	5,538.65	5,486.31	52.35	105.803				
5,800.00	5,650.47	5,631.49	5,631.27	30.27	24.09	127.68	-2,289.63	-4,304.91	5,553.78	5,500.48	53.30	104.195				
5,900.00	5,747.50	5,711.53	5,711.29	30.81	24.43	127.83	-2,290.74	-4,304.76	5,569.09	5,514.95	54.14	102.866				
6,000.00	5,844.53	5,775.40	5,775.16	31.35	24.70	127.95	-2,291.63	-4,304.97	5,584.93	5,530.03	54.90	101.737				
6,100.00	5,941.56	5,864.45	5,864.20	31.89	25.08	128.11	-2,292.79	-4,305.70	5,601.26	5,545.48	55.78	100.425				
6,200.00	6,038.59	5,989.94	5,989.68	32.43	25.61	128.36	-2,293.40	-4,306.74	5,617.45	5,560.61	56.84	98.835				
6,300.00	6,135.62	6,123.48	6,123.22	32.97	26.18	128.62	-2,293.34	-4,307.11	5,633.03	5,575.10	57.94	97.230				
6,400.00	6,232.65	6,225.65	6,225.38	33.51	26.61	128.81	-2,293.55	-4,306.95	5,648.35	5,589.47	58.88	95.932				
6,500.00	6,329.68	6,320.28	6,320.02	34.06	27.01	128.99	-2,293.98	-4,306.74	5,663.72	5,603.94	59.79	94.735				
6,600.00	6,426.71	6,417.43	6,417.16	34.60	27.42	129.17	-2,294.50	-4,306.53	5,679.17	5,618.47	60.70	93.555				
6,655.36	6,480.43	6,471.21	6,470.95	34.90	27.65	129.27	-2,294.78	-4,306.41	5,687.75	5,626.54	61.21	92.917				
6,700.00	6,524.01	6,514.84	6,514.58	35.13	27.84	129.28	-2,295.02	-4,306.31	5,693.18	5,631.56	61.62	92.396				
6,750.00	6,573.29	6,564.17	6,563.90	35.36	28.05	129.40	-2,295.28	-4,306.20	5,695.68	5,633.63	62.05	91.787				
6,800.00	6,622.76	6,613.68	6,613.41	35.56	28.26	129.59	-2,295.54	-4,306.09	5,694.40	5,631.93	62.46	91.162				
6,850.00	6,672.13	6,663.07	6,662.80	35.73	28.47	129.74	-2,295.80	-4,305.98	5,689.32	5,626.47	62.85	90.528				
6,900.00	6,721.08	6,712.04	6,711.77	35.88	28.68	129.81	-2,296.06	-4,305.87	5,680.48	5,617.28	63.20	89.880				
6,950.00	6,769.31	6,760.29	6,760.02	36.03	28.88	129.86	-2,296.32	-4,305.76	5,667.93	5,604.40	63.53	89.211				
7,000.00	6,816.53	6,807.51	6,807.24	36.18	29.08	129.90	-2,296.57	-4,305.66	5,651.75	5,587.91	63.85	88.519				
7,050.00	6,862.44	6,853.42	6,853.14	36.34	29.28	129.94	-2,296.81	-4,305.55	5,632.04	5,567.89	64.14	87.806				
7,100.00	6,906.77	6,897.73	6,897.45	36.50	29.47	129.97	-2,297.05	-4,305.46	5,608.90	5,544.49	64.42	87.070				
7,150.00	6,949.23	6,940.17	6,939.89	36.68	29.65	129.99	-2,297.27	-4,305.36	5,582.50	5,517.83	64.68	86.315				
7,200.00	6,989.58	6,980.47	6,980.20	36.87	29.82	130.00	-2,297.49	-4,305.27	5,552.99	5,488.07	64.92	85.542				
7,250.00	7,027.55	7,018.40	7,018.13	37.09	29.98	130.01	-2,297.69	-4,305.19	5,520.55	5,455.41	65.14	84.753				
7,300.00	7,062.91	7,053.72	7,053.44	37.32	30.13	130.02	-2,297.88	-4,305.11	5,485.38	5,420.04	65.34	83.949				
7,350.00	7,095.45	7,086.20	7,085.92	37.59	30.27	130.03	-2,298.05	-4,305.03	5,447.71	5,382.18	65.53	83.133				
7,400.00	7,124.97	7,115.65	7,115.37	37.88	30.39	130.04	-2,298.21	-4,304.97	5,407.77	5,342.07	65.70	82.307				
7,450.00	7,151.28	7,141.88	7,141.61	38.21	30.50	130.05	-2,298.34	-4,304.91	5,365.81	5,299.95	65.86	81.473				
7,500.00	7,174.22	7,164.74	7,164.47	38.58	30.60	130.06	-2,298.47	-4,304.86	5,322.09	5,256.08	66.00	80.634				
7,550.00	7,193.65	7,184.09	7,183.81	38.98	30.68	130.07	-2,298.57	-4,304.82	5,276.88	5,210.75	66.13	79.791				
7,600.00	7,209.45	7,199.79	7,199.52	39.43	30.75	130.08	-2,298.65	-4,304.78	5,230.48	5,164.23	66.25	78.948				
7,650.00	7,221.52	7,211.77	7,211.49	39.91	30.80	130.09	-2,298.72	-4,304.75	5,183.16	5,116.80	66.36	78.108				
7,700.00	7,229.79	7,219.94	7,219.66	40.42	30.84	130.10	-2,298.76	-4,304.74	5,135.24	5,068.78	66.46	77.271				
7,750.00	7,234.21	7,224.25	7,223.97	40.97	30.85	130.11	-2,298.78	-4,304.73	5,087.00	5,020.45	66.55	76.442				
7,780.56	7,235.00	7,224.98	7,224.70	41.32	30.86	130.12	-2,298.79	-4,304.72	5,057.49	4,990.89	66.60	75.941				
7,800.00	7,235.04	7,224.97	7,224.70	41.54	30.86	130.13	-2,298.79	-4,304.72	5,038.74	4,972.11	66.63	75.623				
7,900.00	7,235.26	7,224.97	7,224.69	42.82	30.86	130.14	-2,298.79	-4,304.72	4,942.35	4,875.53	66.81	73.974				
8,000.00	7,235.47	7,224.96	7,224.68	44.25	30.86	130.15	-2,298.79	-4,304.72	4,846.10	4,779.08	67.02	72.305				
8,100.00	7,235.68	7,224.95	7,224.67	45.82	30.86	130.16	-2,298.79	-4,304.72	4,750.01	4,682.75	67.27	70.616				
8,200.00	7,235.90	7,224.94	7,224.67	47.52	30.86	130.17	-2,298.79	-4,304.72	4,654.09	4,586.55	67.54	68.906				
8,300.00	7,236.11	7,224.94	7,224.66	49.34	30.86	130.18	-2,298.79	-4,304.72	4,558.34	4,490.49	67.86	67.176				
8,400.00	7,236.32	7,224.93	7,224.65	51.25	30.86	130.19	-2,298.79	-4,304.72	4,462.78	4,394.57	68.21	65.426				
8,500.00	7,236.54	7,224.92	7,224.64	53.26	30.86	130.20	-2,298.79	-4,304.72	4,367.42	4,298.81	68.61	63.657				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,600.00	7,236.75	7,224.91	7,224.64	55.34	30.86	-89.71	-2,298.79	-4,304.72	4,272.27	4,203.22	69.05	61.868		
8,700.00	7,236.96	7,224.91	7,224.63	57.50	30.86	-89.71	-2,298.79	-4,304.72	4,177.35	4,107.79	69.55	60.062		
8,800.00	7,237.17	7,224.90	7,224.62	59.71	30.86	-89.71	-2,298.79	-4,304.72	4,082.66	4,012.56	70.10	58.238		
8,900.00	7,237.39	7,224.89	7,224.61	61.98	30.86	-89.71	-2,298.79	-4,304.72	3,988.24	3,917.53	70.72	56.398		
9,000.00	7,237.60	7,224.88	7,224.60	64.29	30.86	-89.71	-2,298.79	-4,304.72	3,894.10	3,822.71	71.39	54.544		
9,100.00	7,237.81	7,224.88	7,224.60	66.65	30.86	-89.71	-2,298.79	-4,304.72	3,800.26	3,728.11	72.14	52.678		
9,200.00	7,238.03	7,224.87	7,224.59	69.05	30.86	-89.71	-2,298.79	-4,304.72	3,706.73	3,633.77	72.97	50.801		
9,300.00	7,238.24	7,224.86	7,224.58	71.48	30.86	-89.71	-2,298.79	-4,304.72	3,613.56	3,539.69	73.87	48.918		
9,400.00	7,238.45	7,224.85	7,224.57	73.95	30.86	-89.71	-2,298.79	-4,304.72	3,520.76	3,445.89	74.86	47.029		
9,500.00	7,238.67	7,224.84	7,224.57	76.44	30.86	-89.71	-2,298.79	-4,304.72	3,428.36	3,352.41	75.95	45.139		
9,600.00	7,238.88	7,224.84	7,224.56	78.96	30.86	-89.71	-2,298.79	-4,304.72	3,336.40	3,259.26	77.14	43.251		
9,700.00	7,239.09	7,224.83	7,224.55	81.50	30.86	-89.70	-2,298.79	-4,304.72	3,244.92	3,166.48	78.44	41.368		
9,800.00	7,239.30	7,224.82	7,224.54	84.06	30.86	-89.70	-2,298.79	-4,304.72	3,153.96	3,074.10	79.86	39.494		
9,900.00	7,239.52	7,224.81	7,224.54	86.64	30.86	-89.70	-2,298.79	-4,304.72	3,063.56	2,982.15	81.40	37.634		
10,000.00	7,239.73	7,224.81	7,224.53	89.23	30.86	-89.70	-2,298.79	-4,304.72	2,973.77	2,890.69	83.08	35.792		
10,100.00	7,239.94	7,224.80	7,224.52	91.85	30.86	-89.70	-2,298.79	-4,304.72	2,884.66	2,799.74	84.91	33.972		
10,200.00	7,240.16	7,224.79	7,224.51	94.47	30.86	-89.70	-2,298.79	-4,304.72	2,796.28	2,709.38	86.90	32.179		
10,300.00	7,240.37	7,224.78	7,224.51	97.11	30.86	-89.70	-2,298.79	-4,304.72	2,708.71	2,619.66	89.05	30.418		
10,400.00	7,240.58	7,224.78	7,224.50	99.76	30.86	-89.70	-2,298.79	-4,304.72	2,622.03	2,530.64	91.38	28.693		
10,500.00	7,240.80	7,224.77	7,224.49	102.43	30.86	-89.70	-2,298.79	-4,304.72	2,536.33	2,442.42	93.91	27.008		
10,600.00	7,241.01	7,224.76	7,224.48	105.10	30.86	-89.70	-2,298.79	-4,304.72	2,451.71	2,355.07	96.64	25.369		
10,700.00	7,241.22	7,224.75	7,224.48	107.79	30.86	-89.70	-2,298.78	-4,304.72	2,368.29	2,268.70	99.60	23.779		
10,800.00	7,241.43	7,224.75	7,224.47	110.48	30.86	-89.70	-2,298.78	-4,304.72	2,286.21	2,183.43	102.78	22.243		
10,900.00	7,241.65	7,224.74	7,224.46	113.18	30.86	-89.70	-2,298.78	-4,304.72	2,205.60	2,099.39	106.21	20.766		
11,000.00	7,241.86	7,224.73	7,224.45	115.89	30.86	-89.70	-2,298.78	-4,304.72	2,126.64	2,016.74	109.91	19.350		
11,100.00	7,242.07	7,224.72	7,224.45	118.60	30.86	-89.70	-2,298.78	-4,304.72	2,049.52	1,935.65	113.87	17.999		
11,200.00	7,242.29	7,224.72	7,224.44	121.32	30.86	-89.70	-2,298.78	-4,304.72	1,974.45	1,856.34	118.11	16.717		
11,300.00	7,242.50	7,224.71	7,224.43	124.05	30.86	-89.70	-2,298.78	-4,304.72	1,901.68	1,779.04	122.64	15.506		
11,400.00	7,242.71	7,224.70	7,224.42	126.78	30.86	-89.70	-2,298.78	-4,304.72	1,831.48	1,704.03	127.45	14.370		
11,500.00	7,242.93	7,224.69	7,224.42	129.52	30.86	-89.70	-2,298.78	-4,304.72	1,764.16	1,631.61	132.55	13.310		
11,600.00	7,243.14	7,224.69	7,224.41	132.27	30.86	-89.70	-2,298.78	-4,304.72	1,700.05	1,562.15	137.90	12.328		
11,700.00	7,243.35	7,224.68	7,224.40	135.02	30.86	-89.70	-2,298.78	-4,304.72	1,639.55	1,496.06	143.49	11.427		
11,800.00	7,243.57	7,224.67	7,224.39	137.77	30.86	-89.70	-2,298.78	-4,304.72	1,583.05	1,433.79	149.26	10.606		
11,900.00	7,243.78	7,224.66	7,224.39	140.53	30.86	-89.70	-2,298.78	-4,304.73	1,531.00	1,375.84	155.16	9.867		
12,000.00	7,243.99	7,224.66	7,224.38	143.29	30.86	-89.70	-2,298.78	-4,304.73	1,483.88	1,322.78	161.10	9.211		
12,100.00	7,244.20	7,224.65	7,224.37	146.05	30.86	-89.70	-2,298.78	-4,304.73	1,442.16	1,275.19	166.98	8.637		
12,200.00	7,244.42	7,224.64	7,224.36	148.82	30.86	-89.70	-2,298.78	-4,304.73	1,406.33	1,233.67	172.66	8.145		
12,300.00	7,244.63	7,224.63	7,224.35	151.60	30.86	-89.70	-2,298.78	-4,304.73	1,376.84	1,198.82	178.02	7.734		
12,400.00	7,244.84	7,224.63	7,224.35	154.37	30.86	-89.70	-2,298.78	-4,304.73	1,354.11	1,171.20	182.91	7.403		
12,500.00	7,245.06	7,224.62	7,224.34	157.15	30.86	-89.70	-2,298.78	-4,304.73	1,338.49	1,151.31	187.18	7.151		
12,600.00	7,245.27	7,224.61	7,224.33	159.93	30.86	-89.70	-2,298.78	-4,304.73	1,330.22	1,139.50	190.72	6.975		
12,660.35	7,245.40	7,224.61	7,224.33	161.61	30.86	-89.70	-2,298.78	-4,304.73	1,328.85	1,136.39	192.46	6.905 CC		
12,700.00	7,245.48	7,224.60	7,224.32	162.71	30.86	-89.70	-2,298.78	-4,304.73	1,329.44	1,136.01	193.43	6.873 ES		
12,800.00	7,245.70	7,224.59	7,224.32	165.50	30.86	-89.69	-2,298.78	-4,304.73	1,336.17	1,140.91	195.26	6.843 SF		
12,900.00	7,245.91	7,224.59	7,224.31	168.29	30.86	-89.69	-2,298.78	-4,304.73	1,350.29	1,154.08	196.21	6.882		
13,000.00	7,246.12	7,224.58	7,224.30	171.08	30.86	-89.69	-2,298.78	-4,304.73	1,371.57	1,175.26	196.31	6.987		
13,100.00	7,246.33	7,224.57	7,224.29	173.87	30.86	-89.69	-2,298.78	-4,304.73	1,399.69	1,204.05	195.64	7.155		
13,200.00	7,246.55	7,224.56	7,224.29	176.67	30.86	-89.69	-2,298.78	-4,304.73	1,434.25	1,239.95	194.29	7.382		
13,300.00	7,246.76	7,224.56	7,224.28	179.47	30.86	-89.69	-2,298.78	-4,304.73	1,474.78	1,282.39	192.39	7.666		
13,400.00	7,246.97	7,224.55	7,224.27	182.27	30.86	-89.69	-2,298.78	-4,304.73	1,520.83	1,330.78	190.04	8.002		
13,500.00	7,247.19	7,224.54	7,224.26	185.07	30.86	-89.69	-2,298.78	-4,304.73	1,571.89	1,384.53	187.36	8.389		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,600.00	7,247.40	7,224.53	7,224.26	187.87	30.86	-89.69	-2,298.78	-4,304.73	1,627.51	1,443.06	184.45	8.823		
13,700.00	7,247.61	7,224.53	7,224.25	190.68	30.86	-89.69	-2,298.78	-4,304.73	1,687.22	1,505.83	181.39	9.302		
13,800.00	7,247.83	7,224.52	7,224.24	193.48	30.86	-89.69	-2,298.78	-4,304.73	1,750.61	1,572.36	178.25	9.821		
13,900.00	7,248.04	7,224.51	7,224.23	196.29	30.86	-89.69	-2,298.78	-4,304.73	1,817.30	1,642.20	175.10	10.379		
14,000.00	7,248.25	7,224.50	7,224.23	199.10	30.86	-89.69	-2,298.78	-4,304.73	1,886.93	1,714.96	171.97	10.973		
14,100.00	7,248.46	7,224.50	7,224.22	201.91	30.86	-89.69	-2,298.78	-4,304.73	1,959.19	1,790.30	168.89	11.600		
14,200.00	7,248.68	7,224.49	7,224.21	204.72	30.86	-89.69	-2,298.78	-4,304.73	2,033.80	1,867.91	165.90	12.259		
14,300.00	7,248.89	7,224.48	7,224.20	207.53	30.86	-89.69	-2,298.78	-4,304.73	2,110.52	1,947.52	163.00	12.948		
14,400.00	7,249.10	7,224.47	7,224.20	210.35	30.86	-89.69	-2,298.78	-4,304.73	2,189.11	2,028.90	160.21	13.664		
14,500.00	7,249.32	7,224.47	7,224.19	213.16	30.86	-89.69	-2,298.78	-4,304.73	2,269.39	2,111.85	157.54	14.405		
14,600.00	7,249.53	7,224.46	7,224.18	215.98	30.86	-89.69	-2,298.78	-4,304.73	2,351.19	2,196.20	154.98	15.170		
14,700.00	7,249.74	7,224.45	7,224.17	218.80	30.86	-89.69	-2,298.78	-4,304.73	2,434.34	2,281.79	152.55	15.958		
14,800.00	7,249.96	7,224.44	7,224.17	221.62	30.86	-89.69	-2,298.78	-4,304.73	2,518.72	2,368.49	150.22	16.766		
14,900.00	7,250.17	7,224.44	7,224.16	224.44	30.86	-89.69	-2,298.78	-4,304.73	2,604.20	2,456.19	148.01	17.594		
15,000.00	7,250.38	7,224.43	7,224.15	227.26	30.86	-89.69	-2,298.78	-4,304.73	2,690.69	2,544.77	145.91	18.440		
15,100.00	7,250.59	7,224.42	7,224.14	230.08	30.86	-89.69	-2,298.78	-4,304.73	2,778.08	2,634.16	143.92	19.303		
15,200.00	7,250.81	7,224.41	7,224.14	232.90	30.86	-89.69	-2,298.78	-4,304.73	2,866.30	2,724.27	142.02	20.182		
15,300.00	7,251.02	7,224.41	7,224.13	235.72	30.86	-89.69	-2,298.78	-4,304.73	2,955.26	2,815.04	140.22	21.076		
15,400.00	7,251.23	7,224.40	7,224.12	238.55	30.86	-89.69	-2,298.78	-4,304.73	3,044.92	2,906.41	138.51	21.983		
15,500.00	7,251.45	7,224.39	7,224.11	241.37	30.86	-89.69	-2,298.78	-4,304.73	3,135.19	2,998.31	136.89	22.904		
15,600.00	7,251.66	7,224.38	7,224.10	244.20	30.86	-89.69	-2,298.78	-4,304.73	3,226.05	3,090.70	135.34	23.836		
15,700.00	7,251.87	7,224.38	7,224.10	247.03	30.86	-89.69	-2,298.78	-4,304.73	3,317.42	3,183.55	133.88	24.780		
15,800.00	7,252.09	7,224.37	7,224.09	249.85	30.86	-89.68	-2,298.78	-4,304.73	3,409.29	3,276.81	132.48	25.734		
15,900.00	7,252.30	7,224.36	7,224.08	252.68	30.86	-89.68	-2,298.78	-4,304.73	3,501.59	3,370.44	131.15	26.699		
16,000.00	7,252.51	7,224.35	7,224.07	255.51	30.86	-89.68	-2,298.78	-4,304.73	3,594.31	3,464.42	129.89	27.672		
16,100.00	7,252.72	7,224.34	7,224.07	258.34	30.85	-89.68	-2,298.78	-4,304.73	3,687.41	3,558.73	128.69	28.654		
16,200.00	7,252.94	7,224.34	7,224.06	261.17	30.85	-89.68	-2,298.78	-4,304.73	3,780.87	3,653.33	127.54	29.644		
16,300.00	7,253.15	7,224.33	7,224.05	264.00	30.85	-89.68	-2,298.78	-4,304.73	3,874.65	3,748.20	126.45	30.642		
16,400.00	7,253.36	7,224.32	7,224.04	266.83	30.85	-89.68	-2,298.78	-4,304.73	3,968.73	3,843.32	125.41	31.647		
16,500.00	7,253.58	7,224.31	7,224.04	269.66	30.85	-89.68	-2,298.78	-4,304.73	4,063.10	3,938.68	124.41	32.658		
16,600.00	7,253.79	7,224.31	7,224.03	272.50	30.85	-89.68	-2,298.78	-4,304.73	4,157.72	4,034.26	123.46	33.676		
16,700.00	7,254.00	7,224.30	7,224.02	275.33	30.85	-89.68	-2,298.78	-4,304.73	4,252.60	4,130.04	122.56	34.699		
16,800.00	7,254.22	7,224.29	7,224.01	278.16	30.85	-89.68	-2,298.78	-4,304.73	4,347.70	4,226.01	121.69	35.727		
16,900.00	7,254.43	7,224.28	7,224.01	281.00	30.85	-89.68	-2,298.78	-4,304.73	4,443.02	4,322.16	120.86	36.761		
17,000.00	7,254.64	7,224.28	7,224.00	283.83	30.85	-89.68	-2,298.78	-4,304.73	4,538.55	4,418.47	120.07	37.798		
17,100.00	7,254.85	7,224.27	7,223.99	286.67	30.85	-89.68	-2,298.78	-4,304.73	4,634.26	4,514.94	119.31	38.841		
17,200.00	7,255.07	7,224.26	7,223.98	289.50	30.85	-89.68	-2,298.78	-4,304.73	4,730.14	4,611.55	118.59	39.887		
17,300.00	7,255.28	7,224.25	7,223.98	292.34	30.85	-89.68	-2,298.78	-4,304.73	4,826.20	4,708.30	117.89	40.937		
17,400.00	7,255.49	7,224.25	7,223.97	295.17	30.85	-89.68	-2,298.78	-4,304.73	4,922.41	4,805.18	117.23	41.990		
17,500.00	7,255.71	7,224.24	7,223.96	298.01	30.85	-89.68	-2,298.78	-4,304.73	5,018.77	4,902.18	116.59	43.046		
17,600.00	7,255.92	7,224.23	7,223.95	300.85	30.85	-89.68	-2,298.78	-4,304.73	5,115.27	4,999.29	115.98	44.106		
17,700.00	7,256.13	7,224.22	7,223.95	303.68	30.85	-89.68	-2,298.78	-4,304.73	5,211.90	5,096.51	115.39	45.167		
17,800.00	7,256.35	7,224.22	7,223.94	306.52	30.85	-89.68	-2,298.78	-4,304.73	5,308.66	5,193.83	114.83	46.232		
17,900.00	7,256.56	7,224.21	7,223.93	309.36	30.85	-89.68	-2,298.78	-4,304.73	5,405.53	5,291.24	114.29	47.298		
18,000.00	7,256.77	7,224.20	7,223.92	312.20	30.85	-89.68	-2,298.78	-4,304.73	5,502.52	5,388.75	113.77	48.366		
18,100.00	7,256.98	7,224.19	7,223.92	315.04	30.85	-89.68	-2,298.78	-4,304.73	5,599.61	5,486.34	113.27	49.437		
18,200.00	7,257.20	7,224.19	7,223.91	317.88	30.85	-89.68	-2,298.78	-4,304.73	5,696.80	5,584.01	112.79	50.508		
18,300.00	7,257.41	7,224.18	7,223.90	320.72	30.85	-89.68	-2,298.78	-4,304.73	5,794.09	5,681.76	112.33	51.582		
18,400.00	7,257.62	7,224.17	7,223.89	323.56	30.85	-89.68	-2,298.78	-4,304.73	5,891.47	5,779.58	111.89	52.656		
18,500.00	7,257.84	7,224.16	7,223.89	326.40	30.85	-89.68	-2,298.78	-4,304.73	5,988.93	5,877.48	111.46	53.732		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - KRISTY #1(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-GYRO-NS														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,600.00	7,258.05	7,224.16	7,223.88	329.24	30.85	-89.68	-2,298.78	-4,304.73	6,086.48	5,975.43	111.05	54.809		
18,700.00	7,258.26	7,224.15	7,223.87	332.08	30.85	-89.68	-2,298.78	-4,304.73	6,184.11	6,073.45	110.66	55.886		
18,800.00	7,258.48	7,224.14	7,223.86	334.92	30.85	-89.68	-2,298.78	-4,304.73	6,281.81	6,171.53	110.28	56.964		
18,900.00	7,258.69	7,224.13	7,223.85	337.76	30.85	-89.67	-2,298.78	-4,304.73	6,379.58	6,269.67	109.91	58.043		
19,000.00	7,258.90	7,224.13	7,223.85	340.60	30.85	-89.67	-2,298.78	-4,304.73	6,477.42	6,367.86	109.56	59.122		
19,046.19	7,259.00	7,224.12	7,223.84	341.92	30.85	-89.67	-2,298.78	-4,304.73	6,522.63	6,413.23	109.40	59.620		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Merritt #6-66-9-0758CDH(PR) - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 740-MWD													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,600.00	7,238.88	11,976.00	7,279.28	78.96	107.53	-94.92	-1,298.69	-11,169.15	9,924.07	9,783.44	140.63	70.568		
9,700.00	7,239.09	11,976.00	7,279.28	81.50	107.53	-94.92	-1,298.69	-11,169.15	9,824.11	9,683.45	140.67	69.839		
9,800.00	7,239.30	11,976.00	7,279.28	84.06	107.53	-94.92	-1,298.69	-11,169.15	9,724.16	9,583.45	140.71	69.110		
9,900.00	7,239.52	11,976.00	7,279.28	86.64	107.53	-94.92	-1,298.69	-11,169.15	9,624.20	9,483.46	140.75	68.380		
10,000.00	7,239.73	11,976.00	7,279.28	89.23	107.53	-94.92	-1,298.69	-11,169.15	9,524.25	9,383.46	140.79	67.650		
10,100.00	7,239.94	11,976.00	7,279.28	91.85	107.53	-94.92	-1,298.69	-11,169.15	9,424.30	9,283.47	140.83	66.919		
10,200.00	7,240.16	11,976.00	7,279.28	94.47	107.53	-94.92	-1,298.69	-11,169.15	9,324.35	9,183.47	140.88	66.188		
10,300.00	7,240.37	11,976.00	7,279.28	97.11	107.53	-94.92	-1,298.69	-11,169.15	9,224.40	9,083.48	140.92	65.457		
10,400.00	7,240.58	11,976.00	7,279.28	99.76	107.53	-94.92	-1,298.69	-11,169.15	9,124.45	8,983.48	140.97	64.725		
10,500.00	7,240.80	11,976.00	7,279.28	102.43	107.53	-94.92	-1,298.69	-11,169.15	9,024.50	8,883.48	141.02	63.993		
10,600.00	7,241.01	11,976.00	7,279.28	105.10	107.53	-94.92	-1,298.69	-11,169.15	8,924.56	8,783.48	141.08	63.260		
10,700.00	7,241.22	11,976.00	7,279.28	107.79	107.53	-94.92	-1,298.69	-11,169.15	8,824.61	8,683.48	141.13	62.527		
10,800.00	7,241.43	11,976.00	7,279.28	110.48	107.53	-94.92	-1,298.69	-11,169.15	8,724.67	8,583.48	141.19	61.794		
10,900.00	7,241.65	11,976.00	7,279.28	113.18	107.53	-94.92	-1,298.69	-11,169.15	8,624.73	8,483.48	141.25	61.061		
11,000.00	7,241.86	11,976.00	7,279.28	115.89	107.53	-94.92	-1,298.69	-11,169.15	8,524.79	8,383.48	141.31	60.327		
11,100.00	7,242.07	11,976.00	7,279.28	118.60	107.53	-94.92	-1,298.69	-11,169.15	8,424.85	8,283.47	141.37	59.593		
11,200.00	7,242.29	11,976.00	7,279.28	121.32	107.53	-94.92	-1,298.69	-11,169.15	8,324.91	8,183.47	141.44	58.858		
11,300.00	7,242.50	11,976.00	7,279.28	124.05	107.53	-94.92	-1,298.69	-11,169.15	8,224.97	8,083.46	141.51	58.123		
11,400.00	7,242.71	11,976.00	7,279.28	126.78	107.53	-94.92	-1,298.69	-11,169.15	8,125.04	7,983.46	141.58	57.388		
11,500.00	7,242.93	11,976.00	7,279.28	129.52	107.53	-94.92	-1,298.69	-11,169.15	8,025.11	7,883.45	141.65	56.653		
11,600.00	7,243.14	11,976.00	7,279.28	132.27	107.53	-94.92	-1,298.69	-11,169.15	7,925.17	7,783.44	141.73	55.918		
11,700.00	7,243.35	11,976.00	7,279.28	135.02	107.53	-94.92	-1,298.69	-11,169.15	7,825.24	7,683.44	141.81	55.182		
11,800.00	7,243.57	11,976.00	7,279.28	137.77	107.53	-94.92	-1,298.69	-11,169.15	7,725.32	7,583.43	141.89	54.446		
11,900.00	7,243.78	11,976.00	7,279.28	140.53	107.53	-94.92	-1,298.69	-11,169.15	7,625.39	7,483.42	141.97	53.710		
12,000.00	7,243.99	11,976.00	7,279.28	143.29	107.53	-94.92	-1,298.69	-11,169.15	7,525.47	7,383.41	142.06	52.974		
12,100.00	7,244.20	11,976.00	7,279.28	146.05	107.53	-94.92	-1,298.69	-11,169.15	7,425.54	7,283.39	142.15	52.237		
12,200.00	7,244.42	11,976.00	7,279.28	148.82	107.53	-94.92	-1,298.69	-11,169.15	7,325.62	7,183.38	142.24	51.501		
12,300.00	7,244.63	11,976.00	7,279.28	151.60	107.53	-94.92	-1,298.69	-11,169.15	7,225.71	7,083.37	142.34	50.764		
12,400.00	7,244.84	11,976.00	7,279.28	154.37	107.53	-94.92	-1,298.69	-11,169.15	7,125.79	6,983.35	142.44	50.027		
12,500.00	7,245.06	11,976.00	7,279.28	157.15	107.53	-94.92	-1,298.69	-11,169.15	7,025.88	6,883.33	142.54	49.290		
12,600.00	7,245.27	11,976.00	7,279.28	159.93	107.53	-94.92	-1,298.69	-11,169.15	6,925.97	6,783.32	142.65	48.552		
12,700.00	7,245.48	11,976.00	7,279.28	162.71	107.53	-94.92	-1,298.69	-11,169.15	6,826.06	6,683.30	142.76	47.815		
12,800.00	7,245.70	11,976.00	7,279.28	165.50	107.53	-94.92	-1,298.69	-11,169.15	6,726.15	6,583.28	142.87	47.077		
12,900.00	7,245.91	11,976.00	7,279.28	168.29	107.53	-94.92	-1,298.69	-11,169.15	6,626.25	6,483.26	142.99	46.340		
13,000.00	7,246.12	11,976.00	7,279.28	171.08	107.53	-94.92	-1,298.69	-11,169.15	6,526.35	6,383.24	143.12	45.602		
13,100.00	7,246.33	11,976.00	7,279.28	173.87	107.53	-94.92	-1,298.69	-11,169.15	6,426.46	6,283.21	143.24	44.864		
13,200.00	7,246.55	11,976.00	7,279.28	176.67	107.53	-94.92	-1,298.69	-11,169.15	6,326.56	6,183.19	143.37	44.126		
13,300.00	7,246.76	11,976.00	7,279.28	179.47	107.53	-94.92	-1,298.69	-11,169.15	6,226.67	6,083.16	143.51	43.388		
13,400.00	7,246.97	11,976.00	7,279.28	182.27	107.53	-94.92	-1,298.69	-11,169.15	6,126.79	5,983.13	143.65	42.650		
13,500.00	7,247.19	11,976.00	7,279.28	185.07	107.53	-94.92	-1,298.69	-11,169.15	6,026.90	5,883.10	143.80	41.911		
13,600.00	7,247.40	11,976.00	7,279.28	187.87	107.53	-94.92	-1,298.69	-11,169.15	5,927.03	5,783.07	143.95	41.173		
13,700.00	7,247.61	11,976.00	7,279.28	190.68	107.53	-94.92	-1,298.69	-11,169.15	5,827.15	5,683.04	144.11	40.434		
13,800.00	7,247.83	11,976.00	7,279.28	193.48	107.53	-94.92	-1,298.69	-11,169.15	5,727.28	5,583.00	144.28	39.696		
13,900.00	7,248.04	11,976.00	7,279.28	196.29	107.53	-94.92	-1,298.69	-11,169.15	5,627.42	5,482.97	144.45	38.957		
14,000.00	7,248.25	11,976.00	7,279.28	199.10	107.53	-94.92	-1,298.69	-11,169.15	5,527.56	5,382.93	144.63	38.218		
14,100.00	7,248.46	11,976.00	7,279.28	201.91	107.53	-94.92	-1,298.69	-11,169.15	5,427.70	5,282.88	144.82	37.479		
14,200.00	7,248.68	11,976.00	7,279.28	204.72	107.53	-94.92	-1,298.69	-11,169.15	5,327.85	5,182.84	145.01	36.740		
14,300.00	7,248.89	11,976.00	7,279.28	207.53	107.53	-94.92	-1,298.69	-11,169.15	5,228.01	5,082.79	145.22	36.001		
14,400.00	7,249.10	11,976.00	7,279.28	210.35	107.53	-94.92	-1,298.69	-11,169.15	5,128.17	4,982.74	145.43	35.262		
14,500.00	7,249.32	11,976.00	7,279.28	213.16	107.53	-94.92	-1,298.69	-11,169.15	5,028.34	4,882.69	145.66	34.522		
14,600.00	7,249.53	11,976.00	7,279.28	215.98	107.53	-94.92	-1,298.69	-11,169.15	4,928.52	4,782.63	145.89	33.783		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 740-MWD													Offset Well Error:	3.28 ft
Falken 9-11 PAD - Merritt #6-66-9-0758CDH(PR) - OH - OH														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,700.00	7,249.74	11,976.00	7,279.28	218.80	107.53	-94.92	-1,298.69	-11,169.15	4,828.70	4,682.57	146.13	33.043		
14,800.00	7,249.96	11,976.00	7,279.28	221.62	107.53	-94.92	-1,298.69	-11,169.15	4,728.89	4,582.50	146.39	32.303		
14,900.00	7,250.17	11,976.00	7,279.28	224.44	107.53	-94.92	-1,298.69	-11,169.15	4,629.09	4,482.43	146.66	31.563		
15,000.00	7,250.38	11,976.00	7,279.28	227.26	107.53	-94.92	-1,298.69	-11,169.15	4,529.30	4,382.35	146.95	30.823		
15,100.00	7,250.59	11,976.00	7,279.28	230.08	107.53	-94.92	-1,298.69	-11,169.15	4,429.51	4,282.27	147.25	30.082		
15,200.00	7,250.81	11,976.00	7,279.28	232.90	107.53	-94.92	-1,298.69	-11,169.15	4,329.74	4,182.18	147.56	29.342		
15,300.00	7,251.02	11,976.00	7,279.28	235.72	107.53	-94.92	-1,298.69	-11,169.15	4,229.98	4,082.08	147.90	28.601		
15,400.00	7,251.23	11,976.00	7,279.28	238.55	107.53	-94.92	-1,298.69	-11,169.15	4,130.23	3,981.98	148.25	27.860		
15,500.00	7,251.45	11,976.00	7,279.28	241.37	107.53	-94.92	-1,298.69	-11,169.15	4,030.49	3,881.87	148.62	27.119		
15,600.00	7,251.66	11,976.00	7,279.28	244.20	107.53	-94.92	-1,298.69	-11,169.15	3,930.76	3,781.74	149.02	26.377		
15,700.00	7,251.87	11,976.00	7,279.28	247.03	107.53	-94.92	-1,298.69	-11,169.15	3,831.05	3,681.61	149.44	25.636		
15,800.00	7,252.09	11,976.00	7,279.28	249.85	107.53	-94.92	-1,298.69	-11,169.15	3,731.36	3,581.47	149.89	24.894		
15,900.00	7,252.30	11,976.00	7,279.28	252.68	107.53	-94.92	-1,298.69	-11,169.15	3,631.68	3,481.31	150.37	24.152		
16,000.00	7,252.51	11,976.00	7,279.28	255.51	107.53	-94.92	-1,298.69	-11,169.15	3,532.02	3,381.14	150.88	23.409		
16,100.00	7,252.72	11,976.00	7,279.28	258.34	107.53	-94.92	-1,298.69	-11,169.15	3,432.38	3,280.95	151.43	22.666		
16,200.00	7,252.94	11,976.00	7,279.28	261.17	107.53	-94.92	-1,298.69	-11,169.15	3,332.76	3,180.74	152.02	21.923		
16,300.00	7,253.15	11,976.00	7,279.28	264.00	107.53	-94.92	-1,298.69	-11,169.15	3,233.16	3,080.51	152.65	21.180		
16,400.00	7,253.36	11,976.00	7,279.28	266.83	107.53	-94.92	-1,298.69	-11,169.15	3,133.60	2,980.26	153.33	20.436		
16,500.00	7,253.58	11,976.00	7,279.28	269.66	107.53	-94.92	-1,298.69	-11,169.15	3,034.05	2,879.98	154.07	19.693		
16,600.00	7,253.79	11,976.00	7,279.28	272.50	107.53	-94.92	-1,298.69	-11,169.15	2,934.54	2,779.68	154.87	18.949		
16,700.00	7,254.00	16,700.00	7,279.40	275.33	208.14	-94.90	-1,300.91	-11,168.90	2,835.07	2,578.47	256.60	11.049		
16,800.00	7,254.22	11,974.29	7,279.18	278.16	107.50	-94.92	-1,297.00	-11,169.34	2,735.63	2,579.10	156.52	17.477		
16,900.00	7,254.43	11,958.92	7,278.32	281.00	107.17	-95.02	-1,281.75	-11,171.05	2,636.20	2,480.07	156.13	16.884		
17,000.00	7,254.64	11,944.05	7,277.50	283.83	106.85	-95.12	-1,266.99	-11,172.68	2,536.74	2,380.99	155.75	16.287		
17,100.00	7,254.85	11,929.70	7,276.74	286.67	106.55	-95.24	-1,252.74	-11,174.23	2,437.28	2,281.88	155.40	15.684		
17,200.00	7,255.07	11,916.24	7,276.05	289.50	106.26	-95.37	-1,239.37	-11,175.67	2,337.79	2,182.69	155.10	15.073		
17,300.00	7,255.28	11,903.13	7,275.40	292.34	105.99	-95.51	-1,226.36	-11,177.04	2,238.29	2,083.48	154.82	14.458		
17,400.00	7,255.49	11,890.38	7,274.79	295.17	105.72	-95.68	-1,213.69	-11,178.37	2,138.78	1,984.24	154.54	13.840		
17,500.00	7,255.71	11,877.96	7,274.21	298.01	105.45	-95.86	-1,201.35	-11,179.64	2,039.26	1,884.98	154.28	13.218		
17,600.00	7,255.92	11,865.86	7,273.67	300.85	105.20	-96.08	-1,189.32	-11,180.86	1,939.72	1,785.70	154.02	12.594		
17,700.00	7,256.13	11,854.08	7,273.16	303.68	104.95	-96.32	-1,177.61	-11,182.04	1,840.18	1,686.39	153.78	11.966		
17,800.00	7,256.35	11,842.73	7,272.68	306.52	104.71	-96.59	-1,166.32	-11,183.16	1,740.62	1,587.05	153.57	11.335		
17,900.00	7,256.56	11,831.78	7,272.23	309.36	104.48	-96.89	-1,155.44	-11,184.23	1,641.05	1,487.67	153.38	10.699		
18,000.00	7,256.77	11,821.07	7,271.80	312.20	104.25	-97.23	-1,144.79	-11,185.27	1,541.47	1,388.27	153.21	10.061		
18,100.00	7,256.98	11,810.59	7,271.38	315.04	104.03	-97.63	-1,134.36	-11,186.27	1,441.89	1,288.85	153.04	9.422		
18,200.00	7,257.20	11,800.32	7,270.99	317.88	103.81	-98.09	-1,124.15	-11,187.25	1,342.30	1,189.42	152.88	8.780		
18,300.00	7,257.41	11,790.26	7,270.60	320.72	103.60	-98.62	-1,114.14	-11,188.19	1,242.69	1,089.97	152.73	8.137		
18,400.00	7,257.62	11,780.41	7,270.24	323.56	103.40	-99.25	-1,104.34	-11,189.11	1,143.09	990.50	152.58	7.492		
18,500.00	7,257.84	11,770.75	7,269.88	326.40	103.19	-100.00	-1,094.73	-11,190.00	1,043.47	891.02	152.45	6.845		
18,600.00	7,258.05	11,761.29	7,269.54	329.24	102.99	-100.91	-1,085.31	-11,190.86	943.85	791.52	152.33	6.196		
18,700.00	7,258.26	11,752.06	7,269.22	332.08	102.80	-102.03	-1,076.13	-11,191.70	844.23	691.99	152.23	5.546		
18,800.00	7,258.48	11,743.34	7,268.92	334.92	102.62	-103.38	-1,067.45	-11,192.48	744.60	592.34	152.26	4.890		
18,900.00	7,258.69	11,734.69	7,268.63	337.76	102.43	-105.13	-1,058.84	-11,193.26	644.97	492.67	152.30	4.235		
19,000.00	7,258.90	11,726.10	7,268.34	340.60	102.25	-107.49	-1,050.29	-11,194.02	545.35	392.98	152.37	3.579		
19,046.19	7,259.00	11,722.16	7,268.21	341.92	102.17	-108.87	-1,046.36	-11,194.37	499.34	346.93	152.41	3.276 CC, ES, SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Merritt #6-66-9-0857CH(PR) - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 725-MWD													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,300.00	7,238.24	11,988.00	7,170.83	71.48	108.39	-72.47	-1,264.47	-10,863.99	9,917.91	9,778.01	139.90	70.894		
9,400.00	7,238.45	11,988.00	7,170.83	73.95	108.39	-72.47	-1,264.47	-10,863.99	9,817.95	9,678.02	139.93	70.166		
9,500.00	7,238.67	11,988.00	7,170.83	76.44	108.39	-72.47	-1,264.47	-10,863.99	9,717.99	9,578.04	139.95	69.437		
9,600.00	7,238.88	11,988.00	7,170.83	78.96	108.39	-72.47	-1,264.47	-10,863.99	9,618.03	9,478.05	139.98	68.708		
9,700.00	7,239.09	11,988.00	7,170.83	81.50	108.39	-72.47	-1,264.47	-10,863.99	9,518.07	9,378.05	140.02	67.978		
9,800.00	7,239.30	11,988.00	7,170.83	84.06	108.39	-72.47	-1,264.47	-10,863.99	9,418.11	9,278.06	140.05	67.248		
9,900.00	7,239.52	11,988.00	7,170.83	86.64	108.39	-72.47	-1,264.47	-10,863.99	9,318.16	9,178.07	140.09	66.518		
10,000.00	7,239.73	11,988.00	7,170.83	89.23	108.39	-72.47	-1,264.47	-10,863.99	9,218.20	9,078.08	140.12	65.787		
10,100.00	7,239.94	11,988.00	7,170.83	91.85	108.39	-72.47	-1,264.47	-10,863.99	9,118.24	8,978.08	140.16	65.056		
10,200.00	7,240.16	11,988.00	7,170.83	94.47	108.39	-72.47	-1,264.47	-10,863.99	9,018.29	8,878.09	140.20	64.324		
10,300.00	7,240.37	11,988.00	7,170.83	97.11	108.39	-72.47	-1,264.47	-10,863.99	8,918.34	8,778.09	140.24	63.592		
10,400.00	7,240.58	11,988.00	7,170.83	99.76	108.39	-72.47	-1,264.47	-10,863.99	8,818.38	8,678.10	140.29	62.860		
10,500.00	7,240.80	11,988.00	7,170.83	102.43	108.39	-72.47	-1,264.47	-10,863.99	8,718.43	8,578.10	140.33	62.127		
10,600.00	7,241.01	11,988.00	7,170.83	105.10	108.39	-72.47	-1,264.47	-10,863.99	8,618.48	8,478.10	140.38	61.394		
10,700.00	7,241.22	11,988.00	7,170.83	107.79	108.39	-72.47	-1,264.47	-10,863.99	8,518.53	8,378.10	140.43	60.661		
10,800.00	7,241.43	11,988.00	7,170.83	110.48	108.39	-72.47	-1,264.47	-10,863.99	8,418.59	8,278.10	140.48	59.927		
10,900.00	7,241.65	11,988.00	7,170.83	113.18	108.39	-72.47	-1,264.47	-10,863.99	8,318.64	8,178.10	140.53	59.193		
11,000.00	7,241.86	11,988.00	7,170.83	115.89	108.39	-72.47	-1,264.47	-10,863.99	8,218.69	8,078.10	140.59	58.459		
11,100.00	7,242.07	11,988.00	7,170.83	118.60	108.39	-72.47	-1,264.47	-10,863.99	8,118.75	7,978.10	140.65	57.724		
11,200.00	7,242.29	11,988.00	7,170.83	121.32	108.39	-72.47	-1,264.47	-10,863.99	8,018.81	7,878.10	140.71	56.990		
11,300.00	7,242.50	11,988.00	7,170.83	124.05	108.39	-72.47	-1,264.47	-10,863.99	7,918.87	7,778.10	140.77	56.255		
11,400.00	7,242.71	11,988.00	7,170.83	126.78	108.39	-72.47	-1,264.47	-10,863.99	7,818.93	7,678.10	140.83	55.519		
11,500.00	7,242.93	11,988.00	7,170.83	129.52	108.39	-72.47	-1,264.47	-10,863.99	7,718.99	7,578.09	140.90	54.784		
11,600.00	7,243.14	11,988.00	7,170.83	132.27	108.39	-72.47	-1,264.47	-10,863.99	7,619.05	7,478.09	140.97	54.048		
11,700.00	7,243.35	11,988.00	7,170.83	135.02	108.39	-72.47	-1,264.47	-10,863.99	7,519.12	7,378.08	141.04	53.313		
11,800.00	7,243.57	11,988.00	7,170.83	137.77	108.39	-72.47	-1,264.47	-10,863.99	7,419.19	7,278.07	141.11	52.577		
11,900.00	7,243.78	11,988.00	7,170.83	140.53	108.39	-72.47	-1,264.47	-10,863.99	7,319.26	7,178.07	141.19	51.841		
12,000.00	7,243.99	11,988.00	7,170.83	143.29	108.39	-72.47	-1,264.47	-10,863.99	7,219.33	7,078.06	141.27	51.104		
12,100.00	7,244.20	11,988.00	7,170.83	146.05	108.39	-72.47	-1,264.47	-10,863.99	7,119.40	6,978.05	141.35	50.368		
12,200.00	7,244.42	11,988.00	7,170.83	148.82	108.39	-72.47	-1,264.47	-10,863.99	7,019.47	6,878.04	141.43	49.631		
12,300.00	7,244.63	11,988.00	7,170.83	151.60	108.39	-72.47	-1,264.47	-10,863.99	6,919.55	6,778.03	141.52	48.894		
12,400.00	7,244.84	11,988.00	7,170.83	154.37	108.39	-72.47	-1,264.47	-10,863.99	6,819.63	6,678.02	141.61	48.158		
12,500.00	7,245.06	11,988.00	7,170.83	157.15	108.39	-72.47	-1,264.47	-10,863.99	6,719.71	6,578.01	141.70	47.421		
12,600.00	7,245.27	11,988.00	7,170.83	159.93	108.39	-72.47	-1,264.47	-10,863.99	6,619.80	6,478.00	141.80	46.684		
12,700.00	7,245.48	11,988.00	7,170.83	162.71	108.39	-72.47	-1,264.47	-10,863.99	6,519.88	6,377.98	141.90	45.946		
12,800.00	7,245.70	11,988.00	7,170.83	165.50	108.39	-72.47	-1,264.47	-10,863.99	6,419.97	6,277.97	142.01	45.209		
12,900.00	7,245.91	11,988.00	7,170.83	168.29	108.39	-72.47	-1,264.47	-10,863.99	6,320.07	6,177.95	142.11	44.472		
13,000.00	7,246.12	11,988.00	7,170.83	171.08	108.39	-72.47	-1,264.47	-10,863.99	6,220.16	6,077.94	142.23	43.734		
13,100.00	7,246.33	11,988.00	7,170.83	173.87	108.39	-72.47	-1,264.47	-10,863.99	6,120.26	5,977.92	142.34	42.997		
13,200.00	7,246.55	11,988.00	7,170.83	176.67	108.39	-72.47	-1,264.47	-10,863.99	6,020.36	5,877.90	142.46	42.259		
13,300.00	7,246.76	11,988.00	7,170.83	179.47	108.39	-72.47	-1,264.47	-10,863.99	5,920.47	5,777.88	142.59	41.521		
13,400.00	7,246.97	11,988.00	7,170.83	182.27	108.39	-72.47	-1,264.47	-10,863.99	5,820.58	5,677.86	142.72	40.783		
13,500.00	7,247.19	11,988.00	7,170.83	185.07	108.39	-72.47	-1,264.47	-10,863.99	5,720.69	5,577.84	142.85	40.046		
13,600.00	7,247.40	11,988.00	7,170.83	187.87	108.39	-72.47	-1,264.47	-10,863.99	5,620.81	5,477.81	143.00	39.308		
13,700.00	7,247.61	11,988.00	7,170.83	190.68	108.39	-72.47	-1,264.47	-10,863.99	5,520.93	5,377.79	143.14	38.570		
13,800.00	7,247.83	11,988.00	7,170.83	193.48	108.39	-72.47	-1,264.47	-10,863.99	5,421.05	5,277.76	143.29	37.831		
13,900.00	7,248.04	11,988.00	7,170.83	196.29	108.39	-72.47	-1,264.47	-10,863.99	5,321.18	5,177.73	143.45	37.093		
14,000.00	7,248.25	11,988.00	7,170.83	199.10	108.39	-72.47	-1,264.47	-10,863.99	5,221.32	5,077.70	143.62	36.355		
14,100.00	7,248.46	11,988.00	7,170.83	201.91	108.39	-72.47	-1,264.47	-10,863.99	5,121.46	4,977.66	143.79	35.617		
14,200.00	7,248.68	11,988.00	7,170.83	204.72	108.39	-72.47	-1,264.47	-10,863.99	5,021.60	4,877.63	143.98	34.878		
14,300.00	7,248.89	11,988.00	7,170.83	207.53	108.39	-72.47	-1,264.47	-10,863.99	4,921.76	4,777.59	144.17	34.140		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Merritt #6-66-9-0857CH(PR) - OH - OH												Offset Site Error:	0.00 ft
Survey Program: 725-MWD												Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)		
14,400.00	7,249.10	11,988.00	7,170.83	210.35	108.39	-72.47	-1,264.47	-10,863.99	4,821.91	4,677.55	144.36	33.401	
14,500.00	7,249.32	11,988.00	7,170.83	213.16	108.39	-72.47	-1,264.47	-10,863.99	4,722.08	4,577.51	144.57	32.662	
14,600.00	7,249.53	11,988.00	7,170.83	215.98	108.39	-72.47	-1,264.47	-10,863.99	4,622.25	4,477.46	144.79	31.923	
14,700.00	7,249.74	11,988.00	7,170.83	218.80	108.39	-72.47	-1,264.47	-10,863.99	4,522.43	4,377.41	145.02	31.184	
14,800.00	7,249.96	11,988.00	7,170.83	221.62	108.39	-72.47	-1,264.47	-10,863.99	4,422.62	4,277.35	145.27	30.445	
14,900.00	7,250.17	11,988.00	7,170.83	224.44	108.39	-72.47	-1,264.47	-10,863.99	4,322.82	4,177.29	145.52	29.705	
15,000.00	7,250.38	11,988.00	7,170.83	227.26	108.39	-72.47	-1,264.47	-10,863.99	4,223.02	4,077.23	145.79	28.966	
15,100.00	7,250.59	11,988.00	7,170.83	230.08	108.39	-72.47	-1,264.47	-10,863.99	4,123.24	3,977.16	146.08	28.226	
15,200.00	7,250.81	11,988.00	7,170.83	232.90	108.39	-72.47	-1,264.47	-10,863.99	4,023.46	3,877.08	146.38	27.486	
15,300.00	7,251.02	11,988.00	7,170.83	235.72	108.39	-72.47	-1,264.47	-10,863.99	3,923.70	3,777.00	146.71	26.746	
15,400.00	7,251.23	11,988.00	7,170.83	238.55	108.39	-72.47	-1,264.47	-10,863.99	3,823.95	3,676.90	147.05	26.005	
15,500.00	7,251.45	11,988.00	7,170.83	241.37	108.39	-72.47	-1,264.47	-10,863.99	3,724.21	3,576.80	147.41	25.264	
15,600.00	7,251.66	11,988.00	7,170.83	244.20	108.39	-72.47	-1,264.47	-10,863.99	3,624.49	3,476.69	147.80	24.523	
15,700.00	7,251.87	11,988.00	7,170.83	247.03	108.39	-72.47	-1,264.47	-10,863.99	3,524.79	3,376.57	148.22	23.781	
15,800.00	7,252.09	11,988.00	7,170.83	249.85	108.39	-72.47	-1,264.47	-10,863.99	3,425.10	3,276.44	148.66	23.040	
15,900.00	7,252.30	11,988.00	7,170.83	252.68	108.39	-72.47	-1,264.47	-10,863.99	3,325.43	3,176.29	149.14	22.297	
16,000.00	7,252.51	11,988.00	7,170.83	255.51	108.39	-72.47	-1,264.47	-10,863.99	3,225.78	3,076.12	149.66	21.555	
16,100.00	7,252.72	11,988.00	7,170.83	258.34	108.39	-72.47	-1,264.47	-10,863.99	3,126.15	2,975.94	150.21	20.812	
16,200.00	7,252.94	11,988.00	7,170.83	261.17	108.39	-72.47	-1,264.47	-10,863.99	3,026.55	2,875.74	150.81	20.068	
16,300.00	7,253.15	11,988.00	7,170.83	264.00	108.39	-72.47	-1,264.47	-10,863.99	2,926.97	2,775.51	151.46	19.325	
16,400.00	7,253.36	11,988.00	7,170.83	266.83	108.39	-72.47	-1,264.47	-10,863.99	2,827.43	2,675.25	152.17	18.580	
16,500.00	7,253.58	11,988.00	7,170.83	269.66	108.39	-72.47	-1,264.47	-10,863.99	2,727.92	2,574.97	152.95	17.836	
16,600.00	7,253.79	11,991.43	7,170.63	272.50	108.46	-72.64	-1,267.87	-10,863.62	2,628.44	2,474.34	154.10	17.057	
16,700.00	7,254.00	11,981.19	7,171.24	275.33	108.24	-72.11	-1,257.71	-10,864.72	2,529.00	2,374.91	154.08	16.413	
16,800.00	7,254.22	11,970.95	7,171.84	278.16	108.02	-71.54	-1,247.55	-10,865.82	2,429.56	2,275.49	154.07	15.770	
16,900.00	7,254.43	11,960.71	7,172.45	281.00	107.81	-70.93	-1,237.39	-10,866.92	2,330.12	2,176.08	154.05	15.126	
17,000.00	7,254.64	11,955.89	7,172.72	283.83	107.71	-70.62	-1,232.60	-10,867.42	2,230.68	2,076.08	154.60	14.429	
17,100.00	7,254.85	11,939.19	7,173.73	286.67	107.35	-69.47	-1,216.03	-10,869.23	2,131.26	1,977.38	153.88	13.850	
17,200.00	7,255.07	11,923.42	7,174.63	289.50	107.02	-68.22	-1,200.37	-10,870.89	2,031.82	1,878.62	153.21	13.262	
17,300.00	7,255.28	11,908.51	7,175.43	292.34	106.71	-66.84	-1,185.56	-10,872.42	1,932.36	1,779.79	152.57	12.666	
17,400.00	7,255.49	11,894.38	7,176.16	295.17	106.41	-65.34	-1,171.52	-10,873.83	1,832.88	1,680.92	151.96	12.062	
17,500.00	7,255.71	11,880.98	7,176.81	298.01	106.13	-63.69	-1,158.20	-10,875.14	1,733.38	1,582.00	151.38	11.451	
17,600.00	7,255.92	11,868.26	7,177.39	300.85	105.86	-61.88	-1,145.55	-10,876.35	1,633.87	1,483.05	150.83	10.833	
17,700.00	7,256.13	11,856.16	7,177.92	303.68	105.60	-59.89	-1,133.51	-10,877.48	1,534.36	1,384.06	150.30	10.209	
17,800.00	7,256.35	11,844.80	7,178.38	306.52	105.37	-57.75	-1,122.21	-10,878.51	1,434.84	1,285.03	149.81	9.578	
17,900.00	7,256.56	11,835.02	7,178.76	309.36	105.16	-55.63	-1,112.48	-10,879.38	1,335.33	1,185.81	149.51	8.931	
18,000.00	7,256.77	11,825.49	7,179.11	312.20	104.96	-53.29	-1,102.99	-10,880.23	1,235.82	1,086.61	149.21	8.282	
18,100.00	7,256.98	11,816.19	7,179.43	315.04	104.77	-50.70	-1,093.73	-10,881.04	1,136.34	987.44	148.91	7.631	
18,200.00	7,257.20	11,807.11	7,179.73	317.88	104.58	-47.83	-1,084.69	-10,881.82	1,036.89	888.30	148.59	6.978	
18,300.00	7,257.41	11,798.26	7,180.00	320.72	104.39	-44.65	-1,075.88	-10,882.58	937.47	789.22	148.25	6.324	
18,400.00	7,257.62	11,789.62	7,180.25	323.56	104.21	-41.13	-1,067.27	-10,883.31	838.11	690.21	147.90	5.667	
18,500.00	7,257.84	11,781.17	7,180.47	326.40	104.04	-37.26	-1,058.86	-10,884.01	738.83	591.31	147.52	5.008	
18,600.00	7,258.05	11,772.93	7,180.68	329.24	103.87	-33.02	-1,050.64	-10,884.69	639.67	492.56	147.11	4.348	
18,700.00	7,258.26	11,764.87	7,180.86	332.08	103.70	-28.41	-1,042.62	-10,885.35	540.71	394.03	146.68	3.686	
18,800.00	7,258.48	11,757.00	7,181.03	334.92	103.53	-23.44	-1,034.77	-10,885.98	442.07	295.81	146.26	3.022	
18,900.00	7,258.69	11,749.36	7,181.18	337.76	103.37	-18.21	-1,027.15	-10,886.59	344.05	198.01	146.04	2.356	
19,000.00	7,258.90	11,742.00	7,181.31	340.60	103.22	-12.83	-1,019.82	-10,887.18	247.40	100.74	146.67	1.687	
19,046.19	7,259.00	11,738.62	7,181.37	341.92	103.15	-10.27	-1,016.45	-10,887.45	203.77	56.04	147.73	1.379 Level 3, CC, ES, SF	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Merritt 6-66-9-0857BH(PR) - OH - OH		Offset Site Error: 0.00 ft	
Survey Program: 726-MWD													Offset Well Error: 3.28 ft			
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor				
9,500.00	7,238.67	11,305.00	7,104.71	76.44	97.04	55.90	-784.27	-11,125.24	9,976.34	9,848.25	128.09	77.888				
9,600.00	7,238.88	11,305.00	7,104.71	78.96	97.04	55.90	-784.27	-11,125.24	9,876.38	9,748.28	128.09	77.103				
9,700.00	7,239.09	11,305.00	7,104.71	81.50	97.04	55.90	-784.27	-11,125.24	9,776.41	9,648.31	128.10	76.319				
9,800.00	7,239.30	11,305.00	7,104.71	84.06	97.04	55.90	-784.27	-11,125.24	9,676.45	9,548.34	128.11	75.533				
9,900.00	7,239.52	11,305.00	7,104.71	86.64	97.04	55.90	-784.27	-11,125.24	9,576.49	9,448.37	128.12	74.748				
10,000.00	7,239.73	11,305.00	7,104.71	89.23	97.04	55.90	-784.27	-11,125.24	9,476.53	9,348.40	128.13	73.961				
10,100.00	7,239.94	11,305.00	7,104.71	91.85	97.04	55.90	-784.27	-11,125.24	9,376.57	9,248.43	128.14	73.175				
10,200.00	7,240.16	11,305.00	7,104.71	94.47	97.04	55.90	-784.27	-11,125.24	9,276.61	9,148.46	128.15	72.387				
10,300.00	7,240.37	11,305.00	7,104.71	97.11	97.04	55.90	-784.27	-11,125.24	9,176.65	9,048.48	128.17	71.600				
10,400.00	7,240.58	11,305.00	7,104.71	99.76	97.04	55.90	-784.27	-11,125.24	9,076.69	8,948.51	128.18	70.812				
10,500.00	7,240.80	11,305.00	7,104.71	102.43	97.04	55.90	-784.27	-11,125.24	8,976.74	8,848.54	128.20	70.023				
10,600.00	7,241.01	11,305.00	7,104.71	105.10	97.04	55.90	-784.27	-11,125.24	8,876.78	8,748.57	128.21	69.234				
10,700.00	7,241.22	11,305.00	7,104.71	107.79	97.04	55.90	-784.27	-11,125.24	8,776.83	8,648.59	128.23	68.445				
10,800.00	7,241.43	11,305.00	7,104.71	110.48	97.04	55.90	-784.27	-11,125.24	8,676.87	8,548.62	128.25	67.656				
10,900.00	7,241.65	11,305.00	7,104.71	113.18	97.04	55.90	-784.27	-11,125.24	8,576.92	8,448.65	128.27	66.866				
11,000.00	7,241.86	11,305.00	7,104.71	115.89	97.04	55.90	-784.27	-11,125.24	8,476.97	8,348.68	128.29	66.076				
11,100.00	7,242.07	11,305.00	7,104.71	118.60	97.04	55.90	-784.27	-11,125.24	8,377.02	8,248.70	128.31	65.285				
11,200.00	7,242.29	11,305.00	7,104.71	121.32	97.04	55.90	-784.27	-11,125.24	8,277.07	8,148.73	128.34	64.494				
11,300.00	7,242.50	11,305.00	7,104.71	124.05	97.04	55.90	-784.27	-11,125.24	8,177.12	8,048.76	128.36	63.703				
11,400.00	7,242.71	11,305.00	7,104.71	126.78	97.04	55.90	-784.27	-11,125.24	8,077.17	7,948.79	128.39	62.912				
11,500.00	7,242.93	11,305.00	7,104.71	129.52	97.04	55.90	-784.27	-11,125.24	7,977.23	7,848.81	128.42	62.120				
11,600.00	7,243.14	11,305.00	7,104.71	132.27	97.04	55.90	-784.27	-11,125.24	7,877.29	7,748.84	128.44	61.329				
11,700.00	7,243.35	11,305.00	7,104.71	135.02	97.04	55.90	-784.27	-11,125.24	7,777.34	7,648.87	128.47	60.537				
11,800.00	7,243.57	11,305.00	7,104.71	137.77	97.04	55.90	-784.27	-11,125.24	7,677.40	7,548.90	128.50	59.745				
11,900.00	7,243.78	11,305.00	7,104.71	140.53	97.04	55.90	-784.27	-11,125.24	7,577.46	7,448.93	128.54	58.952				
12,000.00	7,243.99	11,305.00	7,104.71	143.29	97.04	55.90	-784.27	-11,125.24	7,477.53	7,348.96	128.57	58.160				
12,100.00	7,244.20	11,305.00	7,104.71	146.05	97.04	55.90	-784.27	-11,125.24	7,377.59	7,248.99	128.60	57.367				
12,200.00	7,244.42	11,305.00	7,104.71	148.82	97.04	55.90	-784.27	-11,125.24	7,277.66	7,149.02	128.64	56.574				
12,300.00	7,244.63	11,305.00	7,104.71	151.60	97.04	55.90	-784.27	-11,125.24	7,177.72	7,049.05	128.68	55.781				
12,400.00	7,244.84	11,305.00	7,104.71	154.37	97.04	55.90	-784.27	-11,125.24	7,077.79	6,949.08	128.72	54.988				
12,500.00	7,245.06	11,305.00	7,104.71	157.15	97.04	55.90	-784.27	-11,125.24	6,977.87	6,849.11	128.76	54.195				
12,600.00	7,245.27	11,305.00	7,104.71	159.93	97.04	55.90	-784.27	-11,125.24	6,877.94	6,749.14	128.80	53.401				
12,700.00	7,245.48	11,331.86	7,104.17	162.71	97.57	52.26	-811.12	-11,125.77	6,777.87	6,648.44	129.43	52.368				
12,800.00	7,245.70	11,332.90	7,104.15	165.50	97.59	52.11	-812.16	-11,125.79	6,677.94	6,548.44	129.49	51.570				
12,900.00	7,245.91	11,333.97	7,104.13	168.29	97.62	51.95	-813.23	-11,125.82	6,578.00	6,448.45	129.56	50.772				
13,000.00	7,246.12	11,335.05	7,104.11	171.08	97.64	51.79	-814.31	-11,125.84	6,478.07	6,348.45	129.63	49.975				
13,100.00	7,246.33	11,336.16	7,104.10	173.87	97.66	51.62	-815.42	-11,125.87	6,378.14	6,248.45	129.70	49.178				
13,200.00	7,246.55	11,337.29	7,104.08	176.67	97.68	51.45	-816.55	-11,125.90	6,278.22	6,148.45	129.77	48.381				
13,300.00	7,246.76	11,338.45	7,104.06	179.47	97.70	51.28	-817.70	-11,125.92	6,178.29	6,048.45	129.84	47.584				
13,400.00	7,246.97	11,339.62	7,104.04	182.27	97.73	51.10	-818.88	-11,125.95	6,078.37	5,948.45	129.91	46.788				
13,500.00	7,247.19	11,340.82	7,104.02	185.07	97.75	50.91	-820.08	-11,125.98	5,978.45	5,848.46	129.99	45.992				
13,600.00	7,247.40	11,342.05	7,104.00	187.87	97.78	50.72	-821.30	-11,126.01	5,878.53	5,748.46	130.07	45.197				
13,700.00	7,247.61	11,343.30	7,103.98	190.68	97.80	50.53	-822.55	-11,126.05	5,778.61	5,648.46	130.15	44.401				
13,800.00	7,247.83	11,344.58	7,103.96	193.48	97.83	50.32	-823.83	-11,126.08	5,678.69	5,548.47	130.23	43.606				
13,900.00	7,248.04	11,345.88	7,103.94	196.29	97.85	50.12	-825.14	-11,126.12	5,578.78	5,448.47	130.31	42.812				
14,000.00	7,248.25	11,347.21	7,103.92	199.10	97.88	49.90	-826.47	-11,126.15	5,478.87	5,348.47	130.39	42.018				
14,100.00	7,248.46	11,348.58	7,103.90	201.91	97.91	49.68	-827.83	-11,126.19	5,378.96	5,248.48	130.48	41.224				
14,200.00	7,248.68	11,349.97	7,103.88	204.72	97.93	49.45	-829.22	-11,126.23	5,279.05	5,148.48	130.57	40.431				
14,300.00	7,248.89	11,351.39	7,103.86	207.53	97.96	49.22	-830.64	-11,126.27	5,179.15	5,048.49	130.66	39.639				
14,400.00	7,249.10	11,352.85	7,103.84	210.35	97.99	48.98	-832.10	-11,126.31	5,079.25	4,948.50	130.75	38.846				
14,500.00	7,249.32	11,354.34	7,103.82	213.16	98.02	48.73	-833.59	-11,126.35	4,979.35	4,848.51	130.85	38.055				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Merritt 6-66-9-0857BH(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 726-MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
14,600.00	7,249.53	11,355.86	7,103.80	215.98	98.05	48.47	-835.11	-11,126.39	4,879.46	4,748.52	130.94	37.264		
14,700.00	7,249.74	11,357.42	7,103.78	218.80	98.08	48.20	-836.67	-11,126.44	4,779.57	4,648.53	131.04	36.474		
14,800.00	7,249.96	11,359.01	7,103.76	221.62	98.11	47.93	-838.26	-11,126.49	4,679.68	4,548.54	131.14	35.684		
14,900.00	7,250.17	11,360.65	7,103.73	224.44	98.15	47.64	-839.89	-11,126.54	4,579.80	4,448.55	131.25	34.895		
15,000.00	7,250.38	11,362.32	7,103.71	227.26	98.18	47.35	-841.57	-11,126.59	4,479.92	4,348.57	131.35	34.107		
15,100.00	7,250.59	11,364.03	7,103.69	230.08	98.21	47.04	-843.28	-11,126.64	4,380.04	4,248.59	131.46	33.319		
15,200.00	7,250.81	11,365.79	7,103.67	232.90	98.25	46.73	-845.04	-11,126.70	4,280.17	4,148.60	131.57	32.532		
15,300.00	7,251.02	11,367.59	7,103.65	235.72	98.28	46.40	-846.84	-11,126.76	4,180.31	4,048.63	131.68	31.746		
15,400.00	7,251.23	11,369.44	7,103.63	238.55	98.32	46.06	-848.68	-11,126.82	4,080.44	3,948.65	131.80	30.960		
15,500.00	7,251.45	11,371.33	7,103.61	241.37	98.36	45.70	-850.58	-11,126.88	3,980.59	3,848.67	131.91	30.176		
15,600.00	7,251.66	11,373.28	7,103.59	244.20	98.40	45.34	-852.52	-11,126.94	3,880.74	3,748.70	132.03	29.392		
15,700.00	7,251.87	11,375.27	7,103.57	247.03	98.44	44.95	-854.51	-11,127.01	3,780.89	3,648.74	132.16	28.609		
15,800.00	7,252.09	11,377.32	7,103.55	249.85	98.48	44.56	-856.56	-11,127.08	3,681.05	3,548.77	132.28	27.827		
15,900.00	7,252.30	11,379.43	7,103.53	252.68	98.52	44.14	-858.66	-11,127.16	3,581.22	3,448.81	132.41	27.046		
16,000.00	7,252.51	11,381.59	7,103.51	255.51	98.56	43.71	-860.83	-11,127.23	3,481.40	3,348.85	132.54	26.266		
16,100.00	7,252.72	11,400.00	7,103.39	258.34	98.93	39.80	-879.22	-11,127.94	3,381.65	3,248.80	132.85	25.455		
16,200.00	7,252.94	11,400.00	7,103.39	261.17	98.93	39.80	-879.22	-11,127.94	3,281.82	3,148.88	132.95	24.685		
16,300.00	7,253.15	11,400.00	7,103.39	264.00	98.93	39.80	-879.22	-11,127.94	3,182.01	3,048.96	133.05	23.916		
16,400.00	7,253.36	11,400.00	7,103.39	266.83	98.93	39.80	-879.22	-11,127.94	3,082.20	2,949.04	133.16	23.146		
16,500.00	7,253.58	11,400.00	7,103.39	269.66	98.93	39.80	-879.22	-11,127.94	2,982.41	2,849.13	133.28	22.377		
16,600.00	7,253.79	11,400.00	7,103.39	272.50	98.93	39.80	-879.22	-11,127.94	2,882.64	2,749.22	133.41	21.607		
16,700.00	7,254.00	11,400.00	7,103.39	275.33	98.93	39.80	-879.22	-11,127.94	2,782.88	2,649.32	133.55	20.837		
16,800.00	7,254.22	11,404.10	7,103.36	278.16	99.01	38.86	-883.32	-11,128.10	2,683.13	2,549.42	133.71	20.067		
16,900.00	7,254.43	11,412.32	7,103.31	281.00	99.17	36.90	-891.53	-11,128.42	2,583.39	2,449.53	133.87	19.298		
17,000.00	7,254.64	11,420.01	7,103.26	283.83	99.32	34.98	-899.21	-11,128.71	2,483.66	2,349.65	134.01	18.533		
17,100.00	7,254.85	11,427.22	7,103.20	286.67	99.47	33.09	-906.42	-11,128.98	2,383.94	2,249.79	134.15	17.771		
17,200.00	7,255.07	11,433.99	7,103.15	289.50	99.60	31.23	-913.19	-11,129.21	2,284.23	2,149.95	134.28	17.011		
17,300.00	7,255.28	11,440.37	7,103.09	292.34	99.73	29.42	-919.56	-11,129.43	2,184.54	2,050.14	134.40	16.254		
17,400.00	7,255.49	11,446.38	7,103.03	295.17	99.85	27.65	-925.57	-11,129.63	2,084.87	1,950.35	134.51	15.499		
17,500.00	7,255.71	11,452.06	7,102.97	298.01	99.96	25.92	-931.25	-11,129.81	1,985.21	1,850.59	134.62	14.747		
17,600.00	7,255.92	11,457.44	7,102.91	300.85	100.07	24.24	-936.62	-11,129.97	1,885.58	1,750.87	134.72	13.997		
17,700.00	7,256.13	11,462.53	7,102.85	303.68	100.17	22.61	-941.71	-11,130.12	1,785.99	1,651.18	134.81	13.249		
17,800.00	7,256.35	11,467.36	7,102.79	306.52	100.27	21.03	-946.53	-11,130.26	1,686.43	1,551.54	134.89	12.502		
17,900.00	7,256.56	11,471.94	7,102.73	309.36	100.36	19.49	-951.12	-11,130.39	1,586.91	1,451.95	134.96	11.758		
18,000.00	7,256.77	11,476.31	7,102.67	312.20	100.44	18.00	-955.48	-11,130.51	1,487.45	1,352.42	135.03	11.015		
18,100.00	7,256.98	11,480.47	7,102.61	315.04	100.53	16.56	-959.64	-11,130.62	1,388.06	1,252.96	135.10	10.274		
18,200.00	7,257.20	11,484.43	7,102.56	317.88	100.61	15.17	-963.60	-11,130.72	1,288.76	1,153.59	135.17	9.535		
18,300.00	7,257.41	11,488.22	7,102.50	320.72	100.68	13.82	-967.38	-11,130.82	1,189.56	1,054.32	135.24	8.796		
18,400.00	7,257.62	11,491.83	7,102.45	323.56	100.75	12.52	-971.00	-11,130.90	1,090.50	955.17	135.32	8.058		
18,500.00	7,257.84	11,495.29	7,102.39	326.40	100.82	11.26	-974.46	-11,130.98	991.61	856.17	135.44	7.322		
18,600.00	7,258.05	11,498.63	7,102.34	329.24	100.89	10.04	-977.79	-11,131.06	892.96	757.36	135.60	6.585		
18,700.00	7,258.26	11,501.82	7,102.29	332.08	100.95	8.86	-980.99	-11,131.13	794.64	658.78	135.86	5.849		
18,800.00	7,258.48	11,504.89	7,102.24	334.92	101.02	7.73	-984.05	-11,131.20	696.79	560.48	136.30	5.112		
18,900.00	7,258.69	11,507.83	7,102.19	337.76	101.07	6.63	-986.99	-11,131.26	599.62	462.56	137.07	4.375		
19,000.00	7,258.90	11,510.65	7,102.14	340.60	101.13	5.58	-989.81	-11,131.32	503.56	365.14	138.42	3.638		
19,046.19	7,259.00	11,511.92	7,102.12	341.92	101.16	5.10	-991.08	-11,131.35	459.75	320.39	139.37	3.299 CC, ES, SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - MICHAEL I #14-2 - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-143.09	-2,432.77	-1,827.56	3,042.83					
100.00	100.00	79.00	79.00	3.28	3.56	-143.09	-2,432.77	-1,827.56	3,042.75	3,035.91	6.84	444.666		
200.00	200.00	179.00	179.00	3.34	5.57	-143.09	-2,432.77	-1,827.56	3,042.75	3,033.84	8.91	341.564		
300.00	300.00	279.00	279.00	3.44	8.64	-143.09	-2,432.77	-1,827.56	3,042.75	3,030.67	12.09	251.758		
400.00	399.98	378.98	378.98	3.60	11.94	91.95	-2,432.77	-1,827.56	3,042.81	3,027.27	15.54	195.791		
500.00	499.84	478.84	478.84	3.79	15.33	92.04	-2,432.77	-1,827.56	3,042.99	3,023.88	19.12	159.189		
600.00	599.45	578.45	578.45	4.03	18.74	92.20	-2,432.77	-1,827.56	3,043.32	3,020.56	22.76	133.702		
700.00	698.70	677.70	677.70	4.30	22.16	92.42	-2,432.77	-1,827.56	3,043.81	3,017.36	26.45	115.058		
800.00	797.47	776.47	776.47	4.61	25.57	92.69	-2,432.77	-1,827.56	3,044.52	3,014.34	30.18	100.883		
900.00	895.62	874.62	874.62	4.95	28.97	93.02	-2,432.77	-1,827.56	3,045.49	3,011.56	33.92	89.774		
1,000.00	993.06	972.06	972.06	5.33	32.36	93.41	-2,432.77	-1,827.56	3,046.78	3,009.10	37.68	80.850		
1,100.00	1,090.08	1,069.08	1,069.08	5.74	35.73	93.85	-2,432.77	-1,827.56	3,048.36	3,006.90	41.46	73.517		
1,200.00	1,187.11	1,166.11	1,166.11	6.17	39.10	94.29	-2,432.77	-1,827.56	3,050.13	3,004.86	45.27	67.379		
1,300.00	1,284.14	1,263.14	1,263.14	6.61	42.48	94.73	-2,432.77	-1,827.56	3,052.09	3,003.00	49.09	62.172		
1,400.00	1,381.17	1,360.17	1,360.17	7.07	45.86	95.17	-2,432.77	-1,827.56	3,054.24	3,001.31	52.93	57.704		
1,500.00	1,478.20	1,457.20	1,457.20	7.55	49.23	95.61	-2,432.77	-1,827.56	3,056.58	2,999.80	56.78	53.831		
1,600.00	1,575.23	1,554.23	1,554.23	8.03	52.62	96.05	-2,432.77	-1,827.56	3,059.11	2,998.47	60.64	50.446		
1,700.00	1,672.26	1,651.26	1,651.26	8.52	56.00	96.48	-2,432.77	-1,827.56	3,061.83	2,997.32	64.51	47.462		
1,800.00	1,769.29	1,748.29	1,748.29	9.01	59.38	96.92	-2,432.77	-1,827.56	3,064.74	2,996.35	68.39	44.814		
1,900.00	1,866.32	1,845.32	1,845.32	9.51	62.76	97.35	-2,432.77	-1,827.56	3,067.84	2,995.57	72.27	42.449		
2,000.00	1,963.35	1,942.35	1,942.35	10.02	66.14	97.79	-2,432.77	-1,827.56	3,071.12	2,994.96	76.16	40.326		
2,100.00	2,060.38	2,039.38	2,039.38	10.53	69.53	98.22	-2,432.77	-1,827.56	3,074.59	2,994.54	80.05	38.408		
2,200.00	2,157.41	2,136.41	2,136.41	11.04	72.91	98.66	-2,432.77	-1,827.56	3,078.25	2,994.30	83.94	36.670		
2,300.00	2,254.44	2,233.44	2,233.44	11.56	76.29	99.09	-2,432.77	-1,827.56	3,082.09	2,994.25	87.84	35.086		
2,400.00	2,351.47	2,330.47	2,330.47	12.07	79.68	99.52	-2,432.77	-1,827.56	3,086.12	2,994.37	91.74	33.638		
2,500.00	2,448.50	2,427.50	2,427.50	12.59	83.06	99.95	-2,432.77	-1,827.56	3,090.33	2,994.68	95.65	32.310		
2,600.00	2,545.53	2,524.53	2,524.53	13.12	86.45	100.38	-2,432.77	-1,827.56	3,094.72	2,995.17	99.55	31.087		
2,700.00	2,642.56	2,621.56	2,621.56	13.64	89.83	100.80	-2,432.77	-1,827.56	3,099.30	2,995.84	103.46	29.957		
2,800.00	2,739.59	2,718.59	2,718.59	14.17	93.22	101.23	-2,432.77	-1,827.56	3,104.06	2,996.69	107.37	28.911		
2,900.00	2,836.62	2,815.62	2,815.62	14.69	96.60	101.65	-2,432.77	-1,827.56	3,109.00	2,997.72	111.28	27.940		
3,000.00	2,933.65	2,912.65	2,912.65	15.22	99.99	102.08	-2,432.77	-1,827.56	3,114.12	2,998.93	115.19	27.036		
3,100.00	3,030.68	3,009.68	3,009.68	15.75	103.37	102.50	-2,432.77	-1,827.56	3,119.42	3,000.32	119.10	26.192		
3,200.00	3,127.71	3,106.71	3,106.71	16.28	106.76	102.92	-2,432.77	-1,827.56	3,124.89	3,001.89	123.01	25.404		
3,300.00	3,224.74	3,203.74	3,203.74	16.82	110.15	103.34	-2,432.77	-1,827.56	3,130.55	3,003.63	126.92	24.666		
3,400.00	3,321.76	3,300.76	3,300.76	17.35	113.53	103.76	-2,432.77	-1,827.56	3,136.38	3,005.55	130.83	23.973		
3,500.00	3,418.79	3,402.21	3,397.79	17.88	117.07	104.17	-2,432.77	-1,827.56	3,142.39	3,007.49	134.90	23.294		
3,600.00	3,515.82	3,505.18	3,494.82	18.42	120.67	104.59	-2,432.77	-1,827.56	3,148.57	3,009.55	139.02	22.648		
3,700.00	3,612.85	3,608.15	3,591.85	18.95	124.26	105.00	-2,432.77	-1,827.56	3,154.92	3,011.78	143.14	22.041		
3,800.00	3,709.88	3,688.88	3,688.88	19.49	127.08	105.41	-2,432.77	-1,827.56	3,161.45	3,014.97	146.48	21.582		
3,900.00	3,806.91	3,785.91	3,785.91	20.02	130.46	105.82	-2,432.77	-1,827.56	3,168.15	3,017.75	150.40	21.065		
4,000.00	3,903.94	3,882.94	3,882.94	20.56	133.85	106.23	-2,432.77	-1,827.56	3,175.02	3,020.70	154.31	20.575		
4,100.00	4,000.97	3,979.97	3,979.97	21.09	137.23	106.64	-2,432.77	-1,827.56	3,182.05	3,023.83	158.22	20.111		
4,200.00	4,098.00	4,077.00	4,077.00	21.63	140.62	107.05	-2,432.77	-1,827.56	3,189.26	3,027.12	162.14	19.670		
4,300.00	4,195.03	4,174.03	4,174.03	22.17	144.01	107.45	-2,432.77	-1,827.56	3,196.63	3,030.58	166.05	19.251		
4,400.00	4,292.06	4,271.06	4,271.06	22.71	147.39	107.85	-2,432.77	-1,827.56	3,204.17	3,034.21	169.96	18.852		
4,500.00	4,389.09	4,368.09	4,368.09	23.25	150.78	108.25	-2,432.77	-1,827.56	3,211.87	3,038.00	173.88	18.472		
4,600.00	4,486.12	4,465.12	4,465.12	23.78	154.17	108.65	-2,432.77	-1,827.56	3,219.74	3,041.95	177.79	18.110		
4,700.00	4,583.15	4,562.15	4,562.15	24.32	157.55	109.04	-2,432.77	-1,827.56	3,227.77	3,046.07	181.70	17.764		
4,800.00	4,680.18	4,659.18	4,659.18	24.86	160.94	109.44	-2,432.77	-1,827.56	3,235.96	3,050.34	185.61	17.434		
4,900.00	4,777.21	4,756.21	4,756.21	25.40	164.33	109.83	-2,432.77	-1,827.56	3,244.30	3,054.78	189.52	17.118		
5,000.00	4,874.24	4,853.24	4,853.24	25.94	167.71	110.22	-2,432.77	-1,827.56	3,252.81	3,059.38	193.43	16.816		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - MICHAEL I #14-2 - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
5,100.00	4,971.27	4,950.27	4,950.27	26.48	171.10	110.61	-2,432.77	-1,827.56	3,261.48	3,064.13	197.34	16.527			
5,200.00	5,068.30	5,047.30	5,047.30	27.02	174.49	111.00	-2,432.77	-1,827.56	3,270.30	3,069.04	201.25	16.250			
5,300.00	5,165.33	5,144.33	5,144.33	27.56	177.87	111.38	-2,432.77	-1,827.56	3,279.27	3,074.11	205.16	15.984			
5,400.00	5,262.36	5,241.36	5,241.36	28.10	181.26	111.76	-2,432.77	-1,827.56	3,288.40	3,079.33	209.07	15.728			
5,500.00	5,359.39	5,338.39	5,338.39	28.64	184.65	112.14	-2,432.77	-1,827.56	3,297.68	3,084.70	212.98	15.483			
5,600.00	5,456.42	5,435.42	5,435.42	29.18	188.03	112.52	-2,432.77	-1,827.56	3,307.11	3,090.22	216.89	15.248			
5,700.00	5,553.45	5,532.45	5,532.45	29.72	191.42	112.90	-2,432.77	-1,827.56	3,316.69	3,095.90	220.80	15.021			
5,800.00	5,650.47	5,629.47	5,629.47	30.27	194.81	113.27	-2,432.77	-1,827.56	3,326.42	3,101.72	224.70	14.804			
5,900.00	5,747.50	5,726.50	5,726.50	30.81	198.19	113.64	-2,432.77	-1,827.56	3,336.30	3,107.69	228.61	14.594			
6,000.00	5,844.53	5,823.53	5,823.53	31.35	201.58	114.01	-2,432.77	-1,827.56	3,346.32	3,113.81	232.52	14.392			
6,100.00	5,941.56	5,920.56	5,920.56	31.89	204.97	114.38	-2,432.77	-1,827.56	3,356.49	3,120.07	236.42	14.197			
6,200.00	6,038.59	6,017.59	6,017.59	32.43	208.35	114.75	-2,432.77	-1,827.56	3,366.80	3,126.48	240.32	14.009			
6,300.00	6,135.62	6,114.62	6,114.62	32.97	211.74	115.11	-2,432.77	-1,827.56	3,377.25	3,133.02	244.23	13.828			
6,400.00	6,232.65	6,211.65	6,211.65	33.51	215.13	115.47	-2,432.77	-1,827.56	3,387.85	3,139.71	248.13	13.653			
6,500.00	6,329.68	6,308.68	6,308.68	34.06	218.52	115.83	-2,432.77	-1,827.56	3,398.58	3,146.54	252.04	13.485			
6,600.00	6,426.71	6,405.71	6,405.71	34.60	221.90	116.19	-2,432.77	-1,827.56	3,409.45	3,153.51	255.94	13.321			
6,655.36	6,480.43	6,459.43	6,459.43	34.90	223.78	116.39	-2,432.77	-1,827.56	3,415.52	3,157.43	258.10	13.233			
6,700.00	6,524.01	6,503.01	6,503.01	35.13	225.30	104.49	-2,432.77	-1,827.56	3,419.07	3,159.23	259.84	13.158			
6,750.00	6,573.29	6,552.29	6,552.29	35.36	227.02	82.14	-2,432.77	-1,827.56	3,419.76	3,157.98	261.78	13.063			
6,800.00	6,622.76	6,601.76	6,601.76	35.56	228.75	51.79	-2,432.77	-1,827.56	3,416.98	3,153.27	263.71	12.957			
6,850.00	6,672.13	6,651.13	6,651.13	35.73	230.47	26.21	-2,432.77	-1,827.56	3,410.73	3,145.12	265.60	12.842			
6,900.00	6,721.08	6,700.08	6,700.08	35.88	232.18	10.38	-2,432.77	-1,827.56	3,401.03	3,133.57	267.46	12.716			
6,950.00	6,769.31	6,748.31	6,748.31	36.03	233.86	0.74	-2,432.77	-1,827.56	3,387.95	3,118.68	269.27	12.582			
7,000.00	6,816.53	6,804.47	6,795.53	36.18	235.82	-5.71	-2,432.77	-1,827.56	3,371.56	3,100.20	271.36	12.425			
7,050.00	6,862.44	6,841.44	6,841.44	36.34	237.11	-10.50	-2,432.77	-1,827.56	3,351.97	3,079.20	272.77	12.289			
7,100.00	6,906.77	6,885.77	6,885.77	36.50	238.66	-14.42	-2,432.77	-1,827.56	3,329.30	3,054.87	274.43	12.132			
7,150.00	6,949.23	6,928.23	6,928.23	36.68	240.14	-17.94	-2,432.77	-1,827.56	3,303.70	3,027.67	276.03	11.969			
7,200.00	6,989.58	6,968.58	6,968.58	36.87	241.55	-21.31	-2,432.77	-1,827.56	3,275.34	2,997.79	277.55	11.801			
7,250.00	7,027.55	7,006.55	7,006.55	37.09	242.88	-24.76	-2,432.77	-1,827.56	3,244.40	2,965.40	278.99	11.629			
7,300.00	7,062.91	7,041.91	7,041.91	37.32	244.11	-28.42	-2,432.77	-1,827.56	3,211.09	2,930.74	280.35	11.454			
7,350.00	7,095.45	7,074.45	7,074.45	37.59	245.25	-32.45	-2,432.77	-1,827.56	3,175.64	2,894.03	281.61	11.277			
7,400.00	7,124.97	7,103.97	7,103.97	37.88	246.28	-36.98	-2,432.77	-1,827.56	3,138.29	2,855.51	282.78	11.098			
7,450.00	7,151.28	7,130.28	7,130.28	38.21	247.19	-42.11	-2,432.77	-1,827.56	3,099.29	2,815.45	283.84	10.919			
7,500.00	7,174.22	7,153.22	7,153.22	38.58	248.00	-47.94	-2,432.77	-1,827.56	3,058.91	2,774.11	284.80	10.740			
7,550.00	7,193.65	7,172.65	7,172.65	38.98	248.67	-54.50	-2,432.77	-1,827.56	3,017.43	2,731.77	285.66	10.563			
7,600.00	7,209.45	7,188.45	7,188.45	39.43	249.23	-61.74	-2,432.77	-1,827.56	2,975.12	2,688.72	286.40	10.388			
7,650.00	7,221.52	7,200.52	7,200.52	39.91	249.65	-69.48	-2,432.77	-1,827.56	2,932.29	2,645.26	287.03	10.216			
7,700.00	7,229.79	7,208.79	7,208.79	40.42	249.94	-77.44	-2,432.77	-1,827.56	2,889.22	2,601.67	287.55	10.048			
7,750.00	7,234.21	7,213.21	7,213.21	40.97	250.09	-85.25	-2,432.77	-1,827.56	2,846.22	2,558.26	287.96	9.884			
7,780.56	7,235.00	7,214.00	7,214.00	41.32	250.12	-89.80	-2,432.77	-1,827.56	2,820.08	2,531.93	288.15	9.787			
7,800.00	7,235.04	7,214.04	7,214.04	41.54	250.12	-89.80	-2,432.77	-1,827.56	2,803.54	2,515.27	288.26	9.726			
7,900.00	7,235.26	7,214.26	7,214.26	42.82	250.13	-89.81	-2,432.77	-1,827.56	2,719.01	2,430.11	288.90	9.411			
8,000.00	7,235.47	7,214.47	7,214.47	44.25	250.13	-89.82	-2,432.77	-1,827.56	2,635.58	2,345.91	289.67	9.099			
8,100.00	7,235.68	7,214.68	7,214.68	45.82	250.14	-89.83	-2,432.77	-1,827.56	2,553.33	2,262.77	290.56	8.788			
8,200.00	7,235.90	7,214.90	7,214.90	47.52	250.15	-89.84	-2,432.77	-1,827.56	2,472.39	2,180.79	291.60	8.479			
8,300.00	7,236.11	7,215.11	7,215.11	49.34	250.16	-89.84	-2,432.77	-1,827.56	2,392.89	2,100.09	292.79	8.173			
8,400.00	7,236.32	7,215.32	7,215.32	51.25	250.16	-89.85	-2,432.77	-1,827.56	2,314.98	2,020.82	294.16	7.870			
8,500.00	7,236.54	7,215.54	7,215.54	53.26	250.17	-89.86	-2,432.77	-1,827.56	2,238.83	1,943.11	295.71	7.571			
8,600.00	7,236.75	7,215.75	7,215.75	55.34	250.18	-89.87	-2,432.77	-1,827.56	2,164.62	1,867.16	297.46	7.277			
8,700.00	7,236.96	7,215.96	7,215.96	57.50	250.19	-89.88	-2,432.77	-1,827.56	2,092.56	1,793.15	299.41	6.989			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - MICHAEL I #14-2 - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	7,216.17	7,216.17	59.71	250.19	-89.89	-2,432.77	-1,827.56	2,022.87	1,721.30	301.57	6.708		
8,900.00	7,237.39	7,216.39	7,216.39	61.98	250.20	-89.89	-2,432.77	-1,827.56	1,955.82	1,651.88	303.94	6.435		
9,000.00	7,237.60	7,216.60	7,216.60	64.29	250.21	-89.90	-2,432.77	-1,827.56	1,891.68	1,585.15	306.53	6.171		
9,100.00	7,237.81	7,216.81	7,216.81	66.65	250.22	-89.91	-2,432.77	-1,827.56	1,830.76	1,521.43	309.33	5.919		
9,200.00	7,238.03	7,217.03	7,217.03	69.05	250.22	-89.92	-2,432.77	-1,827.56	1,773.38	1,461.06	312.32	5.678		
9,300.00	7,238.24	7,217.24	7,217.24	71.48	250.23	-89.93	-2,432.77	-1,827.56	1,719.91	1,404.42	315.50	5.451		
9,400.00	7,238.45	7,217.45	7,217.45	73.95	250.24	-89.94	-2,432.77	-1,827.56	1,670.73	1,351.90	318.82	5.240		
9,500.00	7,238.67	7,217.67	7,217.67	76.44	250.25	-89.94	-2,432.77	-1,827.56	1,626.20	1,303.94	322.26	5.046		
9,600.00	7,238.88	7,217.88	7,217.88	78.96	250.25	-89.95	-2,432.77	-1,827.56	1,586.75	1,260.98	325.77	4.871		
9,700.00	7,239.09	7,218.09	7,218.09	81.50	250.26	-89.96	-2,432.77	-1,827.56	1,552.73	1,223.45	329.28	4.716		
9,800.00	7,239.30	7,218.30	7,218.30	84.06	250.27	-89.97	-2,432.77	-1,827.56	1,524.53	1,191.79	332.74	4.582		
9,900.00	7,239.52	7,218.52	7,218.52	86.64	250.27	-89.98	-2,432.77	-1,827.56	1,502.47	1,166.39	336.08	4.471		
10,000.00	7,239.73	7,218.73	7,218.73	89.23	250.28	-89.98	-2,432.77	-1,827.56	1,486.82	1,147.59	339.23	4.383		
10,100.00	7,239.94	7,218.94	7,218.94	91.85	250.29	-89.99	-2,432.77	-1,827.56	1,477.79	1,135.67	342.12	4.320		
10,183.91	7,240.12	7,219.12	7,219.12	94.05	250.30	-90.00	-2,432.77	-1,827.56	1,475.40	1,131.10	344.30	4.285 CC		
10,200.00	7,240.16	7,219.16	7,219.16	94.47	250.30	-90.00	-2,432.77	-1,827.56	1,475.49	1,130.80	344.69	4.281 ES		
10,300.00	7,240.37	7,219.37	7,219.37	97.11	250.30	-90.01	-2,432.77	-1,827.56	1,479.96	1,133.06	346.90	4.266 SF		
10,400.00	7,240.58	7,219.58	7,219.58	99.76	250.31	-90.02	-2,432.77	-1,827.56	1,491.14	1,142.42	348.72	4.276		
10,500.00	7,240.80	7,219.80	7,219.80	102.43	250.32	-90.03	-2,432.77	-1,827.56	1,508.88	1,158.74	350.14	4.309		
10,600.00	7,241.01	7,220.01	7,220.01	105.10	250.33	-90.03	-2,432.77	-1,827.56	1,532.95	1,181.79	351.16	4.365		
10,700.00	7,241.22	7,220.22	7,220.22	107.79	250.33	-90.04	-2,432.77	-1,827.56	1,563.06	1,211.24	351.82	4.443		
10,800.00	7,241.43	7,220.43	7,220.43	110.48	250.34	-90.05	-2,432.77	-1,827.56	1,598.87	1,246.73	352.13	4.541		
10,900.00	7,241.65	7,220.65	7,220.65	113.18	250.35	-90.06	-2,432.77	-1,827.56	1,640.00	1,287.85	352.14	4.657		
11,000.00	7,241.86	7,220.86	7,220.86	115.89	250.36	-90.07	-2,432.77	-1,827.56	1,686.06	1,334.17	351.90	4.791		
11,100.00	7,242.07	7,221.07	7,221.07	118.60	250.36	-90.08	-2,432.77	-1,827.56	1,736.67	1,385.24	351.43	4.942		
11,200.00	7,242.29	7,221.29	7,221.29	121.32	250.37	-90.08	-2,432.77	-1,827.56	1,791.44	1,440.64	350.80	5.107		
11,300.00	7,242.50	7,221.50	7,221.50	124.05	250.38	-90.09	-2,432.77	-1,827.56	1,849.99	1,499.97	350.02	5.285		
11,400.00	7,242.71	7,221.71	7,221.71	126.78	250.39	-90.10	-2,432.77	-1,827.56	1,911.98	1,562.84	349.14	5.476		
11,500.00	7,242.93	7,221.93	7,221.93	129.52	250.39	-90.11	-2,432.77	-1,827.56	1,977.09	1,628.90	348.19	5.678		
11,600.00	7,243.14	7,222.14	7,222.14	132.27	250.40	-90.12	-2,432.77	-1,827.56	2,045.02	1,697.83	347.19	5.890		
11,700.00	7,243.35	7,222.35	7,222.35	135.02	250.41	-90.13	-2,432.77	-1,827.56	2,115.50	1,769.34	346.16	6.111		
11,800.00	7,243.57	7,222.57	7,222.57	137.77	250.42	-90.13	-2,432.77	-1,827.56	2,188.27	1,843.16	345.11	6.341		
11,900.00	7,243.78	7,222.78	7,222.78	140.53	250.42	-90.14	-2,432.77	-1,827.56	2,263.13	1,919.07	344.06	6.578		
12,000.00	7,243.99	7,222.99	7,222.99	143.29	250.43	-90.15	-2,432.77	-1,827.56	2,339.87	1,996.84	343.02	6.821		
12,100.00	7,244.20	7,223.20	7,223.20	146.05	250.44	-90.16	-2,432.77	-1,827.56	2,418.30	2,076.30	342.00	7.071		
12,200.00	7,244.42	7,223.42	7,223.42	148.82	250.45	-90.17	-2,432.77	-1,827.56	2,498.28	2,157.28	341.00	7.326		
12,300.00	7,244.63	7,223.63	7,223.63	151.60	250.45	-90.18	-2,432.77	-1,827.56	2,579.65	2,239.63	340.02	7.587		
12,400.00	7,244.84	7,223.84	7,223.84	154.37	250.46	-90.18	-2,432.77	-1,827.56	2,662.30	2,323.22	339.08	7.852		
12,500.00	7,245.06	7,224.06	7,224.06	157.15	250.47	-90.19	-2,432.77	-1,827.56	2,746.10	2,407.93	338.16	8.121		
12,600.00	7,245.27	7,224.27	7,224.27	159.93	250.48	-90.20	-2,432.77	-1,827.56	2,830.95	2,493.67	337.28	8.393		
12,700.00	7,245.48	7,224.48	7,224.48	162.71	250.48	-90.21	-2,432.77	-1,827.56	2,916.76	2,580.33	336.43	8.670		
12,800.00	7,245.70	7,224.70	7,224.70	165.50	250.49	-90.22	-2,432.77	-1,827.56	3,003.45	2,667.83	335.61	8.949		
12,900.00	7,245.91	7,224.91	7,224.91	168.29	250.50	-90.22	-2,432.77	-1,827.56	3,090.94	2,756.11	334.83	9.231		
13,000.00	7,246.12	7,225.12	7,225.12	171.08	250.51	-90.23	-2,432.77	-1,827.56	3,179.17	2,845.09	334.08	9.516		
13,100.00	7,246.33	7,225.33	7,225.33	173.87	250.51	-90.24	-2,432.77	-1,827.56	3,268.08	2,934.72	333.36	9.804		
13,200.00	7,246.55	7,225.55	7,225.55	176.67	250.52	-90.25	-2,432.77	-1,827.56	3,357.61	3,024.95	332.66	10.093		
13,300.00	7,246.76	7,225.76	7,225.76	179.47	250.53	-90.26	-2,432.77	-1,827.56	3,447.72	3,115.72	332.00	10.385		
13,400.00	7,246.97	7,225.97	7,225.97	182.27	250.54	-90.27	-2,432.77	-1,827.56	3,538.36	3,206.99	331.37	10.678		
13,500.00	7,247.19	7,226.19	7,226.19	185.07	250.54	-90.27	-2,432.77	-1,827.56	3,629.49	3,298.73	330.76	10.973		
13,600.00	7,247.40	7,226.40	7,226.40	187.87	250.55	-90.28	-2,432.77	-1,827.56	3,721.08	3,390.90	330.18	11.270		
13,700.00	7,247.61	7,226.61	7,226.61	190.68	250.56	-90.29	-2,432.77	-1,827.56	3,813.09	3,483.46	329.62	11.568		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - MICHAEL I #14-2 - OH - OH														Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,800.00	7,247.83	7,226.83	7,226.83	193.48	250.56	-90.30	-2,432.77	-1,827.56	3,905.49	3,576.40	329.09	11.868			
13,900.00	7,248.04	7,227.04	7,227.04	196.29	250.57	-90.31	-2,432.77	-1,827.56	3,998.26	3,669.68	328.58	12.168			
14,000.00	7,248.25	7,227.25	7,227.25	199.10	250.58	-90.32	-2,432.77	-1,827.56	4,091.37	3,763.27	328.09	12.470			
14,100.00	7,248.46	7,227.46	7,227.46	201.91	250.59	-90.32	-2,432.77	-1,827.56	4,184.79	3,857.17	327.62	12.773			
14,200.00	7,248.68	7,227.68	7,227.68	204.72	250.59	-90.33	-2,432.77	-1,827.56	4,278.52	3,951.34	327.18	13.077			
14,300.00	7,248.89	7,227.89	7,227.89	207.53	250.60	-90.34	-2,432.77	-1,827.56	4,372.52	4,045.77	326.75	13.382			
14,400.00	7,249.10	7,228.10	7,228.10	210.35	250.61	-90.35	-2,432.77	-1,827.56	4,466.78	4,140.44	326.34	13.688			
14,500.00	7,249.32	7,228.32	7,228.32	213.16	250.62	-90.36	-2,432.77	-1,827.56	4,561.29	4,235.34	325.95	13.994			
14,600.00	7,249.53	7,228.53	7,228.53	215.98	250.62	-90.37	-2,432.77	-1,827.56	4,656.02	4,330.46	325.57	14.301			
14,700.00	7,249.74	7,228.74	7,228.74	218.80	250.63	-90.37	-2,432.77	-1,827.56	4,750.98	4,425.77	325.21	14.609			
14,800.00	7,249.96	7,228.96	7,228.96	221.62	250.64	-90.38	-2,432.77	-1,827.56	4,846.13	4,521.27	324.86	14.918			
14,900.00	7,250.17	7,229.17	7,229.17	224.44	250.65	-90.39	-2,432.77	-1,827.56	4,941.48	4,616.95	324.53	15.227			
15,000.00	7,250.38	7,229.38	7,229.38	227.26	250.65	-90.40	-2,432.77	-1,827.56	5,037.00	4,712.79	324.21	15.536			
15,100.00	7,250.59	7,229.59	7,229.59	230.08	250.66	-90.41	-2,432.77	-1,827.56	5,132.70	4,808.79	323.91	15.846			
15,200.00	7,250.81	7,229.81	7,229.81	232.90	250.67	-90.41	-2,432.77	-1,827.56	5,228.56	4,904.94	323.61	16.157			
15,300.00	7,251.02	7,230.02	7,230.02	235.72	250.68	-90.42	-2,432.77	-1,827.56	5,324.57	5,001.24	323.33	16.468			
15,400.00	7,251.23	7,230.23	7,230.23	238.55	250.68	-90.43	-2,432.77	-1,827.56	5,420.73	5,097.66	323.07	16.779			
15,500.00	7,251.45	7,230.45	7,230.45	241.37	250.69	-90.44	-2,432.77	-1,827.56	5,517.02	5,194.21	322.81	17.091			
15,600.00	7,251.66	7,230.66	7,230.66	244.20	250.70	-90.45	-2,432.77	-1,827.56	5,613.44	5,290.88	322.56	17.403			
15,700.00	7,251.87	7,230.87	7,230.87	247.03	250.71	-90.46	-2,432.77	-1,827.56	5,709.98	5,387.66	322.32	17.715			
15,800.00	7,252.09	7,231.09	7,231.09	249.85	250.71	-90.46	-2,432.77	-1,827.56	5,806.64	5,484.55	322.10	18.028			
15,900.00	7,252.30	7,231.30	7,231.30	252.68	250.72	-90.47	-2,432.77	-1,827.56	5,903.42	5,581.54	321.88	18.341			
16,000.00	7,252.51	7,231.51	7,231.51	255.51	250.73	-90.48	-2,432.77	-1,827.56	6,000.30	5,678.63	321.67	18.654			
16,100.00	7,252.72	7,231.72	7,231.72	258.34	250.74	-90.49	-2,432.77	-1,827.56	6,097.27	5,775.81	321.47	18.967			
16,200.00	7,252.94	7,231.94	7,231.94	261.17	250.74	-90.50	-2,432.77	-1,827.56	6,194.35	5,873.07	321.28	19.280			
16,300.00	7,253.15	7,232.15	7,232.15	264.00	250.75	-90.51	-2,432.77	-1,827.56	6,291.52	5,970.42	321.09	19.594			
16,400.00	7,253.36	7,232.36	7,232.36	266.83	250.76	-90.51	-2,432.77	-1,827.56	6,388.77	6,067.85	320.92	19.908			
16,500.00	7,253.58	7,232.58	7,232.58	269.66	250.77	-90.52	-2,432.77	-1,827.56	6,486.11	6,165.36	320.75	20.222			
16,600.00	7,253.79	7,232.79	7,232.79	272.50	250.77	-90.53	-2,432.77	-1,827.56	6,583.53	6,262.94	320.58	20.536			
16,700.00	7,254.00	7,233.00	7,233.00	275.33	250.78	-90.54	-2,432.77	-1,827.56	6,681.02	6,360.59	320.43	20.850			
16,800.00	7,254.22	7,233.22	7,233.22	278.16	250.79	-90.55	-2,432.77	-1,827.56	6,778.59	6,458.31	320.28	21.165			
16,900.00	7,254.43	7,233.43	7,233.43	281.00	250.80	-90.56	-2,432.77	-1,827.56	6,876.22	6,556.09	320.14	21.479			
17,000.00	7,254.64	7,233.64	7,233.64	283.83	250.80	-90.56	-2,432.77	-1,827.56	6,973.93	6,653.93	320.00	21.793			
17,100.00	7,254.85	7,233.85	7,233.85	286.67	250.81	-90.57	-2,432.77	-1,827.56	7,071.70	6,751.82	319.87	22.108			
17,200.00	7,255.07	7,234.07	7,234.07	289.50	250.82	-90.58	-2,432.77	-1,827.56	7,169.52	6,849.78	319.75	22.423			
17,300.00	7,255.28	7,234.28	7,234.28	292.34	250.83	-90.59	-2,432.77	-1,827.56	7,267.41	6,947.79	319.63	22.737			
17,400.00	7,255.49	7,234.49	7,234.49	295.17	250.83	-90.60	-2,432.77	-1,827.56	7,365.36	7,045.85	319.51	23.052			
17,500.00	7,255.71	7,234.71	7,234.71	298.01	250.84	-90.61	-2,432.77	-1,827.56	7,463.36	7,143.95	319.40	23.367			
17,600.00	7,255.92	7,234.92	7,234.92	300.85	250.85	-90.61	-2,432.77	-1,827.56	7,561.41	7,242.11	319.30	23.681			
17,700.00	7,256.13	7,235.13	7,235.13	303.68	250.85	-90.62	-2,432.77	-1,827.56	7,659.51	7,340.31	319.20	23.996			
17,800.00	7,256.35	7,235.35	7,235.35	306.52	250.86	-90.63	-2,432.77	-1,827.56	7,757.66	7,438.56	319.11	24.311			
17,900.00	7,256.56	7,235.56	7,235.56	309.36	250.87	-90.64	-2,432.77	-1,827.56	7,855.86	7,536.84	319.02	24.625			
18,000.00	7,256.77	7,235.77	7,235.77	312.20	250.88	-90.65	-2,432.77	-1,827.56	7,954.10	7,635.17	318.93	24.940			
18,100.00	7,256.98	7,235.98	7,235.98	315.04	250.88	-90.65	-2,432.77	-1,827.56	8,052.39	7,733.54	318.85	25.254			
18,200.00	7,257.20	7,236.20	7,236.20	317.88	250.89	-90.66	-2,432.77	-1,827.56	8,150.72	7,831.94	318.77	25.569			
18,300.00	7,257.41	7,236.41	7,236.41	320.72	250.90	-90.67	-2,432.77	-1,827.56	8,249.08	7,930.38	318.70	25.883			
18,400.00	7,257.62	7,236.62	7,236.62	323.56	250.91	-90.68	-2,432.77	-1,827.56	8,347.49	8,028.86	318.63	26.198			
18,500.00	7,257.84	7,236.84	7,236.84	326.40	250.91	-90.69	-2,432.77	-1,827.56	8,445.94	8,127.37	318.57	26.512			
18,600.00	7,258.05	7,237.05	7,237.05	329.24	250.92	-90.70	-2,432.77	-1,827.56	8,544.42	8,225.91	318.51	26.827			
18,700.00	7,258.26	7,237.26	7,237.26	332.08	250.93	-90.70	-2,432.77	-1,827.56	8,642.93	8,324.48	318.45	27.141			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - MICHAEL I #14-2 - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>			<b>Distance</b>							
<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Reference (ft)</b>	<b>Offset (ft)</b>	<b>Highside Toolface (")</b>	<b>Offset Wellbore Centre +N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Between Centres (ft)</b>	<b>Between Ellipses (ft)</b>	<b>Minimum Separation (ft)</b>	<b>Separation Factor</b>	<b>Warning</b>	
18,800.00	7,258.48	7,237.48	7,237.48	334.92	250.94	-90.71	-2,432.77	-1,827.56	8,741.48	8,423.08	318.39	27.455		
18,900.00	7,258.69	7,237.69	7,237.69	337.76	250.94	-90.72	-2,432.77	-1,827.56	8,840.06	8,521.72	318.34	27.769		
19,000.00	7,258.90	7,237.90	7,237.90	340.60	250.95	-90.73	-2,432.77	-1,827.56	8,938.67	8,620.38	318.30	28.083		
19,046.19	7,259.00	7,238.00	7,238.00	341.92	250.96	-90.73	-2,432.77	-1,827.56	8,984.23	8,665.96	318.27	28.228		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Montero #10-33(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	17.00	17.00	3.28	3.29	-86.72	395.87	-6,912.02	6,923.35					
100.00	100.00	117.00	117.00	3.28	4.03	-86.72	395.87	-6,912.02	6,923.35	6,916.03	7.31	946.686		
200.00	200.00	217.00	217.00	3.34	6.69	-86.72	395.87	-6,912.02	6,923.35	6,913.32	10.03	690.515		
300.00	300.00	317.00	317.00	3.44	9.88	-86.72	395.87	-6,912.02	6,923.35	6,910.02	13.33	519.531		
400.00	399.98	416.98	416.98	3.60	13.22	148.27	395.87	-6,912.02	6,924.83	6,908.01	16.82	411.656		
500.00	499.84	516.84	516.84	3.79	16.62	148.25	395.87	-6,912.02	6,929.28	6,908.87	20.42	339.413		
600.00	599.45	616.45	616.45	4.03	20.05	148.21	395.87	-6,912.02	6,936.70	6,912.63	24.07	288.163		
700.00	698.70	715.70	715.70	4.30	23.47	148.15	395.87	-6,912.02	6,947.08	6,919.31	27.77	250.171		
800.00	797.47	814.47	814.47	4.61	26.89	148.07	395.87	-6,912.02	6,960.40	6,928.91	31.49	221.022		
900.00	895.62	912.62	912.62	4.95	30.29	147.98	395.87	-6,912.02	6,976.67	6,941.45	35.23	198.039		
1,000.00	993.06	1,010.06	1,010.06	5.33	33.68	147.87	395.87	-6,912.02	6,995.87	6,956.90	38.97	179.513		
1,100.00	1,090.08	1,107.08	1,107.08	5.74	37.05	147.98	395.87	-6,912.02	7,016.54	6,973.82	42.72	164.241		
1,200.00	1,187.11	1,204.11	1,204.11	6.17	40.42	148.08	395.87	-6,912.02	7,037.24	6,990.75	46.49	151.382		
1,300.00	1,284.14	1,301.14	1,301.14	6.61	43.80	148.18	395.87	-6,912.02	7,057.95	7,007.68	50.27	140.404		
1,400.00	1,381.17	1,401.83	1,398.17	7.07	47.31	148.28	395.87	-6,912.02	7,078.69	7,024.50	54.19	130.623		
1,500.00	1,478.20	1,504.80	1,495.20	7.55	50.89	148.39	395.87	-6,912.02	7,099.45	7,041.24	58.21	121.973		
1,600.00	1,575.23	1,607.77	1,592.23	8.03	54.48	148.49	395.87	-6,912.02	7,120.23	7,058.00	62.23	114.421		
1,700.00	1,672.26	1,689.26	1,689.26	8.52	57.32	148.59	395.87	-6,912.02	7,141.03	7,075.52	65.51	109.006		
1,800.00	1,769.29	1,786.29	1,786.29	9.01	60.70	148.69	395.87	-6,912.02	7,161.85	7,092.51	69.34	103.286		
1,900.00	1,866.32	1,883.32	1,883.32	9.51	64.09	148.79	395.87	-6,912.02	7,182.70	7,109.52	73.18	98.157		
2,000.00	1,963.35	1,980.35	1,980.35	10.02	67.47	148.89	395.87	-6,912.02	7,203.56	7,126.55	77.02	93.534		
2,100.00	2,060.38	2,077.38	2,077.38	10.53	70.85	148.99	395.87	-6,912.02	7,224.45	7,143.59	80.86	89.346		
2,200.00	2,157.41	2,174.41	2,174.41	11.04	74.24	149.08	395.87	-6,912.02	7,245.36	7,160.65	84.71	85.534		
2,300.00	2,254.44	2,271.44	2,271.44	11.56	77.62	149.18	395.87	-6,912.02	7,266.28	7,177.73	88.56	82.052		
2,400.00	2,351.47	2,368.47	2,368.47	12.07	81.00	149.28	395.87	-6,912.02	7,287.23	7,194.82	92.41	78.858		
2,500.00	2,448.50	2,465.50	2,465.50	12.59	84.39	149.37	395.87	-6,912.02	7,308.20	7,211.93	96.26	75.918		
2,600.00	2,545.53	2,562.53	2,562.53	13.12	87.77	149.47	395.87	-6,912.02	7,329.19	7,229.06	100.12	73.203		
2,700.00	2,642.56	2,659.56	2,659.56	13.64	91.16	149.56	395.87	-6,912.02	7,350.19	7,246.21	103.98	70.688		
2,800.00	2,739.59	2,756.59	2,756.59	14.17	94.54	149.66	395.87	-6,912.02	7,371.22	7,263.38	107.84	68.353		
2,900.00	2,836.62	2,853.62	2,853.62	14.69	97.93	149.75	395.87	-6,912.02	7,392.26	7,280.56	111.70	66.178		
3,000.00	2,933.65	2,950.65	2,950.65	15.22	101.31	149.85	395.87	-6,912.02	7,413.33	7,297.76	115.56	64.149		
3,100.00	3,030.68	3,047.68	3,047.68	15.75	104.70	149.94	395.87	-6,912.02	7,434.41	7,314.99	119.43	62.250		
3,200.00	3,127.71	3,144.71	3,144.71	16.28	108.09	150.03	395.87	-6,912.02	7,455.52	7,332.22	123.29	60.470		
3,300.00	3,224.74	3,241.74	3,241.74	16.82	111.47	150.12	395.87	-6,912.02	7,476.64	7,349.48	127.16	58.798		
3,400.00	3,321.76	3,338.76	3,338.76	17.35	114.86	150.21	395.87	-6,912.02	7,497.78	7,366.75	131.02	57.224		
3,500.00	3,418.79	3,435.79	3,435.79	17.88	118.24	150.31	395.87	-6,912.02	7,518.94	7,384.05	134.89	55.741		
3,600.00	3,515.82	3,532.82	3,532.82	18.42	121.63	150.40	395.87	-6,912.02	7,540.11	7,401.36	138.76	54.340		
3,700.00	3,612.85	3,629.85	3,629.85	18.95	125.02	150.49	395.87	-6,912.02	7,561.31	7,418.68	142.63	53.015		
3,800.00	3,709.88	3,726.88	3,726.88	19.49	128.40	150.58	395.87	-6,912.02	7,582.52	7,436.03	146.50	51.759		
3,900.00	3,806.91	3,823.91	3,823.91	20.02	131.79	150.66	395.87	-6,912.02	7,603.75	7,453.39	150.36	50.569		
4,000.00	3,903.94	3,920.94	3,920.94	20.56	135.17	150.75	395.87	-6,912.02	7,625.00	7,470.77	154.23	49.438		
4,100.00	4,000.97	4,017.97	4,017.97	21.09	138.56	150.84	395.87	-6,912.02	7,646.27	7,488.16	158.10	48.363		
4,200.00	4,098.00	4,115.00	4,115.00	21.63	141.95	150.93	395.87	-6,912.02	7,667.55	7,505.58	161.97	47.339		
4,300.00	4,195.03	4,212.03	4,212.03	22.17	145.33	151.02	395.87	-6,912.02	7,688.85	7,523.01	165.84	46.362		
4,400.00	4,292.06	4,309.06	4,309.06	22.71	148.72	151.10	395.87	-6,912.02	7,710.17	7,540.45	169.71	45.431		
4,500.00	4,389.09	4,406.09	4,406.09	23.25	152.11	151.19	395.87	-6,912.02	7,731.50	7,557.92	173.58	44.540		
4,600.00	4,486.12	4,503.12	4,503.12	23.78	155.49	151.27	395.87	-6,912.02	7,752.85	7,575.40	177.45	43.689		
4,700.00	4,583.15	4,600.15	4,600.15	24.32	158.88	151.36	395.87	-6,912.02	7,774.22	7,592.90	181.33	42.874		
4,800.00	4,680.18	4,702.82	4,697.18	24.86	162.46	151.44	395.87	-6,912.02	7,795.61	7,610.21	185.39	42.049		
4,900.00	4,777.21	4,805.79	4,794.21	25.40	166.06	151.53	395.87	-6,912.02	7,817.01	7,627.53	189.47	41.257		
5,000.00	4,874.24	4,908.76	4,891.24	25.94	169.65	151.61	395.87	-6,912.02	7,838.42	7,644.87	193.55	40.498		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - Montero #10-33(PR) - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
5,100.00	4,971.27	4,988.27	4,988.27	26.48	172.43	151.69	395.87	-6,912.02	7,859.86	7,663.05	196.81	39.936			
5,200.00	5,068.30	5,085.30	5,085.30	27.02	175.81	151.78	395.87	-6,912.02	7,881.31	7,680.62	200.68	39.272			
5,300.00	5,165.33	5,182.33	5,182.33	27.56	179.20	151.86	395.87	-6,912.02	7,902.77	7,698.22	204.55	38.634			
5,400.00	5,262.36	5,279.36	5,279.36	28.10	182.59	151.94	395.87	-6,912.02	7,924.25	7,715.82	208.43	38.019			
5,500.00	5,359.39	5,376.39	5,376.39	28.64	185.97	152.02	395.87	-6,912.02	7,945.75	7,733.45	212.30	37.427			
5,600.00	5,456.42	5,473.42	5,473.42	29.18	189.36	152.10	395.87	-6,912.02	7,967.26	7,751.09	216.17	36.856			
5,700.00	5,553.45	5,570.45	5,570.45	29.72	192.75	152.18	395.87	-6,912.02	7,988.79	7,768.74	220.04	36.306			
5,800.00	5,650.47	5,667.47	5,667.47	30.27	196.13	152.26	395.87	-6,912.02	8,010.33	7,786.41	223.91	35.774			
5,900.00	5,747.50	5,764.50	5,764.50	30.81	199.52	152.34	395.87	-6,912.02	8,031.89	7,804.10	227.79	35.261			
6,000.00	5,844.53	5,861.53	5,861.53	31.35	202.91	152.42	395.87	-6,912.02	8,053.46	7,821.80	231.66	34.764			
6,100.00	5,941.56	5,958.56	5,958.56	31.89	206.29	152.50	395.87	-6,912.02	8,075.04	7,839.51	235.53	34.285			
6,200.00	6,038.59	6,055.59	6,055.59	32.43	209.68	152.58	395.87	-6,912.02	8,096.65	7,857.24	239.40	33.820			
6,300.00	6,135.62	6,152.62	6,152.62	32.97	213.07	152.66	395.87	-6,912.02	8,118.26	7,874.99	243.27	33.371			
6,400.00	6,232.65	6,249.65	6,249.65	33.51	216.46	152.74	395.87	-6,912.02	8,139.89	7,892.75	247.15	32.935			
6,500.00	6,329.68	6,346.68	6,346.68	34.06	219.84	152.81	395.87	-6,912.02	8,161.54	7,910.52	251.02	32.514			
6,600.00	6,426.71	6,443.71	6,443.71	34.60	223.23	152.89	395.87	-6,912.02	8,183.20	7,928.31	254.89	32.105			
6,655.36	6,480.43	6,502.57	6,497.43	34.90	225.28	152.93	395.87	-6,912.02	8,195.20	7,937.98	257.21	31.861			
6,700.00	6,524.01	6,541.01	6,541.01	35.13	226.63	140.66	395.87	-6,912.02	8,203.36	7,944.59	258.77	31.702			
6,750.00	6,573.29	6,609.71	6,609.29	35.36	229.02	118.11	395.87	-6,912.02	8,208.87	7,947.48	261.39	31.405			
6,800.00	6,622.76	6,639.76	6,639.76	35.56	230.07	87.79	395.87	-6,912.02	8,210.52	7,947.88	262.65	31.261			
6,850.00	6,672.13	6,689.13	6,689.13	35.73	231.80	62.47	395.87	-6,912.02	8,208.31	7,943.76	264.55	31.028			
6,900.00	6,721.08	6,738.08	6,738.08	35.88	233.50	47.15	395.87	-6,912.02	8,202.23	7,935.82	266.41	30.788			
6,950.00	6,769.31	6,786.31	6,786.31	36.03	235.19	38.26	395.87	-6,912.02	8,192.34	7,924.12	268.23	30.543			
7,000.00	6,816.53	6,833.53	6,833.53	36.18	236.84	32.85	395.87	-6,912.02	8,178.70	7,908.71	269.98	30.293			
7,050.00	6,862.44	6,879.44	6,879.44	36.34	238.44	29.41	395.87	-6,912.02	8,161.38	7,889.71	271.67	30.041			
7,100.00	6,906.77	6,923.77	6,923.77	36.50	239.99	27.17	395.87	-6,912.02	8,140.51	7,867.22	273.29	29.787			
7,150.00	6,949.23	6,966.23	6,966.23	36.68	241.47	25.75	395.87	-6,912.02	8,116.21	7,841.39	274.82	29.533			
7,200.00	6,989.58	7,006.58	7,006.58	36.87	242.88	24.93	395.87	-6,912.02	8,088.63	7,812.36	276.26	29.279			
7,250.00	7,027.55	7,044.55	7,044.55	37.09	244.20	24.60	395.87	-6,912.02	8,057.93	7,780.33	277.60	29.027			
7,300.00	7,062.91	7,079.91	7,079.91	37.32	245.44	24.71	395.87	-6,912.02	8,024.33	7,745.48	278.84	28.777			
7,350.00	7,095.45	7,112.45	7,112.45	37.59	246.57	25.25	395.87	-6,912.02	7,988.01	7,708.03	279.98	28.531			
7,400.00	7,124.97	7,141.97	7,141.97	37.88	247.60	26.28	395.87	-6,912.02	7,949.20	7,668.21	280.99	28.290			
7,450.00	7,151.28	7,168.28	7,168.28	38.21	248.52	27.88	395.87	-6,912.02	7,908.15	7,626.25	281.89	28.054			
7,500.00	7,174.22	7,208.78	7,191.22	38.58	249.94	30.23	395.87	-6,912.02	7,865.10	7,581.81	283.29	27.764			
7,550.00	7,193.65	7,210.65	7,210.65	38.98	250.00	33.64	395.87	-6,912.02	7,820.32	7,536.99	283.33	27.601			
7,600.00	7,209.45	7,226.45	7,226.45	39.43	250.55	38.63	395.87	-6,912.02	7,774.09	7,490.23	283.86	27.387			
7,650.00	7,221.52	7,238.52	7,238.52	39.91	250.97	46.14	395.87	-6,912.02	7,726.69	7,442.42	284.27	27.181			
7,700.00	7,229.79	7,246.79	7,246.79	40.42	251.26	57.74	395.87	-6,912.02	7,678.41	7,393.86	284.55	26.984			
7,750.00	7,234.21	7,251.21	7,251.21	40.97	251.42	75.42	395.87	-6,912.02	7,629.55	7,344.84	284.71	26.798			
7,780.56	7,235.00	7,252.00	7,252.00	41.32	251.44	89.34	395.87	-6,912.02	7,599.53	7,314.79	284.74	26.689			
7,800.00	7,235.04	7,252.04	7,252.04	41.54	251.45	89.34	395.87	-6,912.02	7,580.41	7,295.66	284.75	26.621			
7,900.00	7,235.26	7,252.26	7,252.26	42.82	251.45	89.35	395.87	-6,912.02	7,482.10	7,197.32	284.79	26.272			
8,000.00	7,235.47	7,252.47	7,252.47	44.25	251.46	89.36	395.87	-6,912.02	7,383.84	7,099.00	284.84	25.923			
8,100.00	7,235.68	7,252.68	7,252.68	45.82	251.47	89.37	395.87	-6,912.02	7,285.62	7,000.72	284.91	25.572			
8,200.00	7,235.90	7,252.90	7,252.90	47.52	251.48	89.38	395.87	-6,912.02	7,187.46	6,902.47	284.98	25.221			
8,300.00	7,236.11	7,253.11	7,253.11	49.34	251.48	89.38	395.87	-6,912.02	7,089.34	6,804.26	285.08	24.868			
8,400.00	7,236.32	7,253.32	7,253.32	51.25	251.49	89.39	395.87	-6,912.02	6,991.28	6,706.09	285.19	24.515			
8,500.00	7,236.54	7,253.54	7,253.54	53.26	251.50	89.40	395.87	-6,912.02	6,893.27	6,607.96	285.31	24.160			
8,600.00	7,236.75	7,253.75	7,253.75	55.34	251.50	89.41	395.87	-6,912.02	6,795.32	6,509.87	285.46	23.805			
8,700.00	7,236.96	7,253.96	7,253.96	57.50	251.51	89.42	395.87	-6,912.02	6,697.44	6,411.82	285.62	23.449			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Montero #10-33(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	7,254.17	7,254.17	59.71	251.52	89.43	395.87	-6,912.02	6,599.61	6,313.81	285.80	23.092		
8,900.00	7,237.39	7,254.39	7,254.39	61.98	251.53	89.44	395.87	-6,912.02	6,501.85	6,215.85	286.01	22.733		
9,000.00	7,237.60	7,254.60	7,254.60	64.29	251.53	89.45	395.87	-6,912.02	6,404.16	6,117.93	286.23	22.374		
9,100.00	7,237.81	7,254.81	7,254.81	66.65	251.54	89.46	395.87	-6,912.02	6,306.55	6,020.06	286.48	22.014		
9,200.00	7,238.03	7,255.03	7,255.03	69.05	251.55	89.46	395.87	-6,912.02	6,209.00	5,922.24	286.76	21.652		
9,300.00	7,238.24	7,255.24	7,255.24	71.48	251.56	89.47	395.87	-6,912.02	6,111.54	5,824.48	287.07	21.290		
9,400.00	7,238.45	7,255.45	7,255.45	73.95	251.56	89.48	395.87	-6,912.02	6,014.16	5,726.77	287.40	20.926		
9,500.00	7,238.67	7,255.67	7,255.67	76.44	251.57	89.49	395.87	-6,912.02	5,916.87	5,629.11	287.76	20.562		
9,600.00	7,238.88	7,255.88	7,255.88	78.96	251.58	89.50	395.87	-6,912.02	5,819.67	5,531.51	288.16	20.196		
9,700.00	7,239.09	7,256.09	7,256.09	81.50	251.59	89.51	395.87	-6,912.02	5,722.57	5,433.98	288.59	19.829		
9,800.00	7,239.30	7,256.30	7,256.30	84.06	251.59	89.52	395.87	-6,912.02	5,625.57	5,336.51	289.06	19.462		
9,900.00	7,239.52	7,256.52	7,256.52	86.64	251.60	89.53	395.87	-6,912.02	5,528.68	5,239.11	289.56	19.093		
10,000.00	7,239.73	7,256.73	7,256.73	89.23	251.61	89.54	395.87	-6,912.02	5,431.89	5,141.79	290.11	18.724		
10,100.00	7,239.94	7,256.94	7,256.94	91.85	251.62	89.54	395.87	-6,912.02	5,335.23	5,044.53	290.70	18.353		
10,200.00	7,240.16	7,257.16	7,257.16	94.47	251.62	89.55	395.87	-6,912.02	5,238.69	4,947.36	291.33	17.982		
10,300.00	7,240.37	7,257.37	7,257.37	97.11	251.63	89.56	395.87	-6,912.02	5,142.29	4,850.27	292.02	17.610		
10,400.00	7,240.58	7,257.58	7,257.58	99.76	251.64	89.57	395.87	-6,912.02	5,046.02	4,753.27	292.75	17.237		
10,500.00	7,240.80	7,257.80	7,257.80	102.43	251.65	89.58	395.87	-6,912.02	4,949.91	4,656.37	293.54	16.863		
10,600.00	7,241.01	7,258.01	7,258.01	105.10	251.65	89.59	395.87	-6,912.02	4,853.94	4,559.56	294.38	16.489		
10,700.00	7,241.22	7,258.22	7,258.22	107.79	251.66	89.60	395.87	-6,912.02	4,758.15	4,462.86	295.29	16.114		
10,800.00	7,241.43	7,258.43	7,258.43	110.48	251.67	89.61	395.87	-6,912.02	4,662.53	4,366.28	296.25	15.738		
10,900.00	7,241.65	7,258.65	7,258.65	113.18	251.68	89.61	395.87	-6,912.02	4,567.10	4,269.82	297.29	15.363		
11,000.00	7,241.86	7,258.86	7,258.86	115.89	251.68	89.62	395.87	-6,912.02	4,471.87	4,173.48	298.39	14.987		
11,100.00	7,242.07	7,259.07	7,259.07	118.60	251.69	89.63	395.87	-6,912.02	4,376.86	4,077.28	299.57	14.610		
11,200.00	7,242.29	7,259.29	7,259.29	121.32	251.70	89.64	395.87	-6,912.02	4,282.06	3,981.23	300.83	14.234		
11,300.00	7,242.50	7,259.50	7,259.50	124.05	251.71	89.65	395.87	-6,912.02	4,187.52	3,885.34	302.17	13.858		
11,400.00	7,242.71	7,259.71	7,259.71	126.78	251.71	89.66	395.87	-6,912.02	4,093.23	3,789.62	303.60	13.482		
11,500.00	7,242.93	7,259.93	7,259.93	129.52	251.72	89.67	395.87	-6,912.02	3,999.22	3,694.09	305.13	13.107		
11,600.00	7,243.14	7,260.14	7,260.14	132.27	251.73	89.68	395.87	-6,912.02	3,905.50	3,598.75	306.75	12.732		
11,700.00	7,243.35	7,260.35	7,260.35	135.02	251.74	89.69	395.87	-6,912.02	3,812.11	3,503.62	308.48	12.358		
11,800.00	7,243.57	7,260.57	7,260.57	137.77	251.74	89.69	395.87	-6,912.02	3,719.06	3,408.73	310.33	11.984		
11,900.00	7,243.78	7,260.78	7,260.78	140.53	251.75	89.70	395.87	-6,912.02	3,626.37	3,314.09	312.29	11.612		
12,000.00	7,243.99	7,260.99	7,260.99	143.29	251.76	89.71	395.87	-6,912.02	3,534.09	3,219.72	314.37	11.242		
12,100.00	7,244.20	7,261.20	7,261.20	146.05	251.76	89.72	395.87	-6,912.02	3,442.24	3,125.65	316.60	10.873		
12,200.00	7,244.42	7,261.42	7,261.42	148.82	251.77	89.73	395.87	-6,912.02	3,350.86	3,031.90	318.96	10.506		
12,300.00	7,244.63	7,261.63	7,261.63	151.60	251.78	89.74	395.87	-6,912.02	3,259.98	2,938.50	321.48	10.141		
12,400.00	7,244.84	7,261.84	7,261.84	154.37	251.79	89.75	395.87	-6,912.02	3,169.65	2,845.49	324.16	9.778		
12,500.00	7,245.06	7,262.06	7,262.06	157.15	251.79	89.76	395.87	-6,912.02	3,079.92	2,752.90	327.02	9.418		
12,600.00	7,245.27	7,262.27	7,262.27	159.93	251.80	89.77	395.87	-6,912.02	2,990.84	2,660.78	330.06	9.062		
12,700.00	7,245.48	7,262.48	7,262.48	162.71	251.81	89.77	395.87	-6,912.02	2,902.47	2,569.17	333.29	8.708		
12,800.00	7,245.70	7,262.70	7,262.70	165.50	251.82	89.78	395.87	-6,912.02	2,814.88	2,478.13	336.74	8.359		
12,900.00	7,245.91	7,262.91	7,262.91	168.29	251.82	89.79	395.87	-6,912.02	2,728.14	2,387.72	340.42	8.014		
13,000.00	7,246.12	7,263.12	7,263.12	171.08	251.83	89.80	395.87	-6,912.02	2,642.34	2,298.01	344.33	7.674		
13,100.00	7,246.33	7,263.33	7,263.33	173.87	251.84	89.81	395.87	-6,912.02	2,557.57	2,209.07	348.50	7.339		
13,200.00	7,246.55	7,263.55	7,263.55	176.67	251.85	89.82	395.87	-6,912.02	2,473.94	2,121.00	352.94	7.009		
13,300.00	7,246.76	7,263.76	7,263.76	179.47	251.85	89.83	395.87	-6,912.02	2,391.57	2,033.90	357.67	6.687		
13,400.00	7,246.97	7,263.97	7,263.97	182.27	251.86	89.84	395.87	-6,912.02	2,310.59	1,947.89	362.70	6.371		
13,500.00	7,247.19	7,264.19	7,264.19	185.07	251.87	89.84	395.87	-6,912.02	2,231.15	1,863.11	368.04	6.062		
13,600.00	7,247.40	7,264.40	7,264.40	187.87	251.88	89.85	395.87	-6,912.02	2,153.43	1,779.71	373.72	5.762		
13,700.00	7,247.61	7,264.61	7,264.61	190.68	251.88	89.86	395.87	-6,912.02	2,077.61	1,697.88	379.73	5.471		
13,800.00	7,247.83	7,264.83	7,264.83	193.48	251.89	89.87	395.87	-6,912.02	2,003.91	1,617.82	386.09	5.190		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Montero #10-33(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.04	7,265.04	7,265.04	196.29	251.90	89.88	395.87	-6,912.02	1,932.59	1,539.79	392.80	4.920		
14,000.00	7,248.25	7,265.25	7,265.25	199.10	251.91	89.89	395.87	-6,912.02	1,863.89	1,464.06	399.84	4.662		
14,100.00	7,248.46	7,265.46	7,265.46	201.91	251.91	89.90	395.87	-6,912.02	1,798.14	1,390.95	407.20	4.416		
14,200.00	7,248.68	7,265.68	7,265.68	204.72	251.92	89.91	395.87	-6,912.02	1,735.66	1,320.83	414.84	4.184		
14,300.00	7,248.89	7,265.89	7,265.89	207.53	251.93	89.92	395.87	-6,912.02	1,676.82	1,254.11	422.71	3.967		
14,400.00	7,249.10	7,266.10	7,266.10	210.35	251.94	89.92	395.87	-6,912.02	1,622.02	1,191.28	430.74	3.766		
14,500.00	7,249.32	7,266.32	7,266.32	213.16	251.94	89.93	395.87	-6,912.02	1,571.68	1,132.84	438.84	3.581		
14,600.00	7,249.53	7,266.53	7,266.53	215.98	251.95	89.94	395.87	-6,912.02	1,526.23	1,079.35	446.88	3.415		
14,700.00	7,249.74	7,266.74	7,266.74	218.80	251.96	89.95	395.87	-6,912.02	1,486.13	1,031.42	454.71	3.268		
14,800.00	7,249.96	7,266.96	7,266.96	221.62	251.97	89.96	395.87	-6,912.02	1,451.83	989.66	462.17	3.141		
14,900.00	7,250.17	7,267.17	7,267.17	224.44	251.97	89.97	395.87	-6,912.02	1,423.74	954.67	469.07	3.035		
15,000.00	7,250.38	7,267.38	7,267.38	227.26	251.98	89.98	395.87	-6,912.02	1,402.22	927.00	475.22	2.951		
15,100.00	7,250.59	7,267.59	7,267.59	230.08	251.99	89.99	395.87	-6,912.02	1,387.60	907.14	480.46	2.888		
15,200.00	7,250.81	7,267.81	7,267.81	232.90	252.00	90.00	395.87	-6,912.02	1,380.09	895.45	484.64	2.848		
15,253.94	7,250.92	7,267.92	7,267.92	234.42	252.00	90.00	395.87	-6,912.02	1,379.04	892.62	486.42	2.835 CC		
15,300.00	7,251.02	7,268.02	7,268.02	235.72	252.00	90.00	395.87	-6,912.02	1,379.81	892.15	487.66	2.829 ES, SF		
15,400.00	7,251.23	7,268.23	7,268.23	238.55	252.01	90.01	395.87	-6,912.02	1,386.75	897.30	489.46	2.833		
15,500.00	7,251.45	7,268.45	7,268.45	241.37	252.02	90.02	395.87	-6,912.02	1,400.82	910.77	490.05	2.859		
15,600.00	7,251.66	7,268.66	7,268.66	244.20	252.03	90.03	395.87	-6,912.02	1,421.80	932.30	489.50	2.905		
15,700.00	7,251.87	7,268.87	7,268.87	247.03	252.03	90.04	395.87	-6,912.02	1,449.39	961.47	487.91	2.971		
15,800.00	7,252.09	7,269.09	7,269.09	249.85	252.04	90.05	395.87	-6,912.02	1,483.22	997.80	485.42	3.056		
15,900.00	7,252.30	7,269.30	7,269.30	252.68	252.05	90.06	395.87	-6,912.02	1,522.87	1,040.69	482.18	3.158		
16,000.00	7,252.51	7,269.51	7,269.51	255.51	252.05	90.07	395.87	-6,912.02	1,567.92	1,089.56	478.35	3.278		
16,100.00	7,252.72	7,269.72	7,269.72	258.34	252.06	90.07	395.87	-6,912.02	1,617.89	1,143.81	474.08	3.413		
16,200.00	7,252.94	7,269.94	7,269.94	261.17	252.07	90.08	395.87	-6,912.02	1,672.36	1,202.86	469.50	3.562		
16,300.00	7,253.15	7,270.15	7,270.15	264.00	252.08	90.09	395.87	-6,912.02	1,730.89	1,266.17	464.72	3.725		
16,400.00	7,253.36	7,270.36	7,270.36	266.83	252.08	90.10	395.87	-6,912.02	1,793.10	1,333.25	459.85	3.899		
16,500.00	7,253.58	7,270.58	7,270.58	269.66	252.09	90.11	395.87	-6,912.02	1,858.61	1,403.64	454.97	4.085		
16,600.00	7,253.79	7,270.79	7,270.79	272.50	252.10	90.12	395.87	-6,912.02	1,927.08	1,476.95	450.13	4.281		
16,700.00	7,254.00	7,271.00	7,271.00	275.33	252.11	90.13	395.87	-6,912.02	1,998.21	1,552.83	445.38	4.487		
16,800.00	7,254.22	7,271.22	7,271.22	278.16	252.11	90.14	395.87	-6,912.02	2,071.73	1,630.98	440.75	4.700		
16,900.00	7,254.43	7,271.43	7,271.43	281.00	252.12	90.15	395.87	-6,912.02	2,147.39	1,711.11	436.27	4.922		
17,000.00	7,254.64	7,271.64	7,271.64	283.83	252.13	90.15	395.87	-6,912.02	2,224.97	1,793.01	431.96	5.151		
17,100.00	7,254.85	7,271.85	7,271.85	286.67	252.14	90.16	395.87	-6,912.02	2,304.28	1,876.46	427.81	5.386		
17,200.00	7,255.07	7,272.07	7,272.07	289.50	252.14	90.17	395.87	-6,912.02	2,385.14	1,961.30	423.84	5.627		
17,300.00	7,255.28	7,272.28	7,272.28	292.34	252.15	90.18	395.87	-6,912.02	2,467.41	2,047.36	420.05	5.874		
17,400.00	7,255.49	7,272.49	7,272.49	295.17	252.16	90.19	395.87	-6,912.02	2,550.94	2,134.51	416.44	6.126		
17,500.00	7,255.71	7,272.71	7,272.71	298.01	252.17	90.20	395.87	-6,912.02	2,635.63	2,222.64	412.99	6.382		
17,600.00	7,255.92	7,272.92	7,272.92	300.85	252.17	90.21	395.87	-6,912.02	2,721.35	2,311.64	409.71	6.642		
17,700.00	7,256.13	7,273.13	7,273.13	303.68	252.18	90.22	395.87	-6,912.02	2,808.02	2,401.43	406.59	6.906		
17,800.00	7,256.35	7,273.35	7,273.35	306.52	252.19	90.23	395.87	-6,912.02	2,895.54	2,491.93	403.62	7.174		
17,900.00	7,256.56	7,273.56	7,273.56	309.36	252.20	90.23	395.87	-6,912.02	2,983.85	2,583.06	400.79	7.445		
18,000.00	7,256.77	7,273.77	7,273.77	312.20	252.20	90.24	395.87	-6,912.02	3,072.88	2,674.78	398.10	7.719		
18,100.00	7,256.98	7,273.98	7,273.98	315.04	252.21	90.25	395.87	-6,912.02	3,162.56	2,767.02	395.54	7.996		
18,200.00	7,257.20	7,274.20	7,274.20	317.88	252.22	90.26	395.87	-6,912.02	3,252.85	2,859.74	393.11	8.275		
18,300.00	7,257.41	7,274.41	7,274.41	320.72	252.23	90.27	395.87	-6,912.02	3,343.68	2,952.89	390.79	8.556		
18,400.00	7,257.62	7,274.62	7,274.62	323.56	252.23	90.28	395.87	-6,912.02	3,435.03	3,046.45	388.58	8.840		
18,500.00	7,257.84	7,274.84	7,274.84	326.40	252.24	90.29	395.87	-6,912.02	3,526.84	3,140.37	386.48	9.126		
18,600.00	7,258.05	7,275.05	7,275.05	329.24	252.25	90.30	395.87	-6,912.02	3,619.09	3,234.62	384.47	9.413		
18,700.00	7,258.26	7,275.26	7,275.26	332.08	252.26	90.30	395.87	-6,912.02	3,711.75	3,329.19	382.56	9.702		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Montero #10-33(PR) - OH - OH													<b>Offset Site Error:</b>	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,800.00	7,258.48	7,275.48	7,275.48	334.92	252.26	90.31	395.87	-6,912.02	3,804.77	3,424.04	380.73	9.993		
18,900.00	7,258.69	7,275.69	7,275.69	337.76	252.27	90.32	395.87	-6,912.02	3,898.14	3,519.15	378.99	10.286		
19,000.00	7,258.90	7,275.90	7,275.90	340.60	252.28	90.33	395.87	-6,912.02	3,991.83	3,614.51	377.32	10.579		
19,046.19	7,259.00	7,276.00	7,276.00	341.92	252.28	90.34	395.87	-6,912.02	4,035.20	3,658.62	376.58	10.715		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Montero #10-34(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	4.00	4.00	3.28	3.28	-100.14	-1,299.87	-7,269.59	7,384.89					
100.00	100.00	104.00	104.00	3.28	3.78	-100.14	-1,299.87	-7,269.59	7,384.89	7,377.82	7.07	1,044.859		
200.00	200.00	204.00	204.00	3.34	6.30	-100.14	-1,299.87	-7,269.59	7,384.89	7,375.26	9.63	766.485		
300.00	300.00	304.00	304.00	3.44	9.45	-100.14	-1,299.87	-7,269.59	7,384.89	7,371.99	12.90	572.505		
400.00	399.98	403.98	403.98	3.60	12.79	134.85	-1,299.87	-7,269.59	7,386.12	7,369.74	16.38	450.851		
500.00	499.84	503.84	503.84	3.79	16.18	134.83	-1,299.87	-7,269.59	7,389.82	7,369.85	19.97	370.042		
600.00	599.45	603.45	603.45	4.03	19.60	134.79	-1,299.87	-7,269.59	7,395.97	7,372.35	23.62	313.075		
700.00	698.70	702.70	702.70	4.30	23.02	134.73	-1,299.87	-7,269.59	7,404.58	7,377.26	27.32	271.036		
800.00	797.47	801.47	801.47	4.61	26.44	134.66	-1,299.87	-7,269.59	7,415.66	7,384.61	31.04	238.883		
900.00	895.62	900.38	899.62	4.95	29.87	134.57	-1,299.87	-7,269.59	7,429.18	7,394.37	34.81	213.425		
1,000.00	993.06	1,002.94	997.06	5.33	33.43	134.46	-1,299.87	-7,269.59	7,445.16	7,406.43	38.74	192.199		
1,100.00	1,090.08	1,105.92	1,094.08	5.74	37.01	134.59	-1,299.87	-7,269.59	7,462.39	7,419.68	42.70	174.748		
1,200.00	1,187.11	1,208.89	1,191.11	6.17	40.59	134.72	-1,299.87	-7,269.59	7,479.65	7,432.96	46.69	160.201		
1,300.00	1,284.14	1,288.14	1,288.14	6.61	43.35	134.85	-1,299.87	-7,269.59	7,496.95	7,447.08	49.87	150.339		
1,400.00	1,381.17	1,385.17	1,385.17	7.07	46.73	134.98	-1,299.87	-7,269.59	7,514.29	7,460.61	53.68	139.991		
1,500.00	1,478.20	1,482.20	1,482.20	7.55	50.11	135.11	-1,299.87	-7,269.59	7,531.66	7,474.16	57.50	130.989		
1,600.00	1,575.23	1,579.23	1,579.23	8.03	53.49	135.24	-1,299.87	-7,269.59	7,549.07	7,487.74	61.33	123.090		
1,700.00	1,672.26	1,676.26	1,676.26	8.52	56.87	135.36	-1,299.87	-7,269.59	7,566.53	7,501.36	65.17	116.107		
1,800.00	1,769.29	1,773.29	1,773.29	9.01	60.25	135.49	-1,299.87	-7,269.59	7,584.01	7,515.00	69.01	109.891		
1,900.00	1,866.32	1,870.32	1,870.32	9.51	63.63	135.62	-1,299.87	-7,269.59	7,601.54	7,528.67	72.86	104.324		
2,000.00	1,963.35	1,967.35	1,967.35	10.02	67.02	135.74	-1,299.87	-7,269.59	7,619.10	7,542.38	76.72	99.310		
2,100.00	2,060.38	2,064.38	2,064.38	10.53	70.40	135.87	-1,299.87	-7,269.59	7,636.69	7,556.11	80.58	94.772		
2,200.00	2,157.41	2,161.41	2,161.41	11.04	73.78	135.99	-1,299.87	-7,269.59	7,654.33	7,569.89	84.44	90.645		
2,300.00	2,254.44	2,258.44	2,258.44	11.56	77.17	136.12	-1,299.87	-7,269.59	7,672.00	7,583.69	88.31	86.877		
2,400.00	2,351.47	2,355.47	2,355.47	12.07	80.55	136.24	-1,299.87	-7,269.59	7,689.70	7,597.52	92.18	83.423		
2,500.00	2,448.50	2,452.50	2,452.50	12.59	83.94	136.36	-1,299.87	-7,269.59	7,707.44	7,611.39	96.05	80.246		
2,600.00	2,545.53	2,549.53	2,549.53	13.12	87.32	136.48	-1,299.87	-7,269.59	7,725.22	7,625.30	99.92	77.314		
2,700.00	2,642.56	2,646.56	2,646.56	13.64	90.71	136.60	-1,299.87	-7,269.59	7,743.03	7,639.23	103.79	74.600		
2,800.00	2,739.59	2,743.59	2,743.59	14.17	94.09	136.73	-1,299.87	-7,269.59	7,760.87	7,653.20	107.67	72.080		
2,900.00	2,836.62	2,840.62	2,840.62	14.69	97.48	136.85	-1,299.87	-7,269.59	7,778.75	7,667.20	111.55	69.735		
3,000.00	2,933.65	2,937.65	2,937.65	15.22	100.86	136.97	-1,299.87	-7,269.59	7,796.66	7,681.24	115.42	67.548		
3,100.00	3,030.68	3,034.68	3,034.68	15.75	104.25	137.09	-1,299.87	-7,269.59	7,814.61	7,695.30	119.30	65.502		
3,200.00	3,127.71	3,131.71	3,131.71	16.28	107.63	137.20	-1,299.87	-7,269.59	7,832.59	7,709.40	123.18	63.585		
3,300.00	3,224.74	3,228.74	3,228.74	16.82	111.02	137.32	-1,299.87	-7,269.59	7,850.60	7,723.54	127.06	61.785		
3,400.00	3,321.76	3,325.76	3,325.76	17.35	114.40	137.44	-1,299.87	-7,269.59	7,868.65	7,737.70	130.94	60.091		
3,500.00	3,418.79	3,422.79	3,422.79	17.88	117.79	137.56	-1,299.87	-7,269.59	7,886.72	7,751.90	134.83	58.496		
3,600.00	3,515.82	3,519.82	3,519.82	18.42	121.18	137.67	-1,299.87	-7,269.59	7,904.84	7,766.13	138.71	56.989		
3,700.00	3,612.85	3,616.85	3,616.85	18.95	124.56	137.79	-1,299.87	-7,269.59	7,922.98	7,780.39	142.59	55.564		
3,800.00	3,709.88	3,713.88	3,713.88	19.49	127.95	137.91	-1,299.87	-7,269.59	7,941.16	7,794.68	146.47	54.215		
3,900.00	3,806.91	3,810.91	3,810.91	20.02	131.33	138.02	-1,299.87	-7,269.59	7,959.37	7,809.01	150.36	52.936		
4,000.00	3,903.94	3,907.94	3,907.94	20.56	134.72	138.14	-1,299.87	-7,269.59	7,977.61	7,823.37	154.24	51.722		
4,100.00	4,000.97	4,004.97	4,004.97	21.09	138.11	138.25	-1,299.87	-7,269.59	7,995.88	7,837.75	158.12	50.567		
4,200.00	4,098.00	4,102.00	4,102.00	21.63	141.49	138.36	-1,299.87	-7,269.59	8,014.18	7,852.17	162.01	49.468		
4,300.00	4,195.03	4,200.97	4,199.03	22.17	144.95	138.48	-1,299.87	-7,269.59	8,032.52	7,866.56	165.96	48.400		
4,400.00	4,292.06	4,303.94	4,296.06	22.71	148.54	138.59	-1,299.87	-7,269.59	8,050.88	7,880.83	170.05	47.343		
4,500.00	4,389.09	4,406.91	4,393.09	23.25	152.14	138.70	-1,299.87	-7,269.59	8,069.28	7,895.13	174.14	46.337		
4,600.00	4,486.12	4,509.88	4,490.12	23.78	155.73	138.81	-1,299.87	-7,269.59	8,087.71	7,909.47	178.24	45.376		
4,700.00	4,583.15	4,587.15	4,587.15	24.32	158.43	138.93	-1,299.87	-7,269.59	8,106.16	7,924.73	181.43	44.679		
4,800.00	4,680.18	4,684.18	4,684.18	24.86	161.81	139.04	-1,299.87	-7,269.59	8,124.65	7,939.33	185.32	43.842		
4,900.00	4,777.21	4,781.21	4,781.21	25.40	165.20	139.15	-1,299.87	-7,269.59	8,143.17	7,953.97	189.20	43.040		
5,000.00	4,874.24	4,878.24	4,878.24	25.94	168.59	139.26	-1,299.87	-7,269.59	8,161.71	7,968.63	193.09	42.270		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Montero #10-34(PR) - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
5,100.00	4,971.27	4,975.27	4,975.27	26.48	171.97	139.36	-1,299.87	-7,269.59	8,180.29	7,983.32	196.97	41.530					
5,200.00	5,068.30	5,072.30	5,072.30	27.02	175.36	139.47	-1,299.87	-7,269.59	8,198.90	7,998.04	200.86	40.820					
5,300.00	5,165.33	5,169.33	5,169.33	27.56	178.75	139.58	-1,299.87	-7,269.59	8,217.53	8,012.79	204.74	40.136					
5,400.00	5,262.36	5,266.36	5,266.36	28.10	182.13	139.69	-1,299.87	-7,269.59	8,236.19	8,027.57	208.63	39.478					
5,500.00	5,359.39	5,363.39	5,363.39	28.64	185.52	139.80	-1,299.87	-7,269.59	8,254.89	8,042.37	212.51	38.844					
5,600.00	5,456.42	5,460.42	5,460.42	29.18	188.91	139.90	-1,299.87	-7,269.59	8,273.61	8,057.21	216.40	38.234					
5,700.00	5,553.45	5,557.45	5,557.45	29.72	192.29	140.01	-1,299.87	-7,269.59	8,292.36	8,072.07	220.28	37.644					
5,800.00	5,650.47	5,654.47	5,654.47	30.27	195.68	140.12	-1,299.87	-7,269.59	8,311.13	8,086.97	224.17	37.076					
5,900.00	5,747.50	5,751.50	5,751.50	30.81	199.07	140.22	-1,299.87	-7,269.59	8,329.94	8,101.89	228.05	36.527					
6,000.00	5,844.53	5,848.53	5,848.53	31.35	202.45	140.33	-1,299.87	-7,269.59	8,348.77	8,116.84	231.94	35.996					
6,100.00	5,941.56	5,945.56	5,945.56	31.89	205.84	140.43	-1,299.87	-7,269.59	8,367.63	8,131.81	235.82	35.483					
6,200.00	6,038.59	6,042.59	6,042.59	32.43	209.23	140.53	-1,299.87	-7,269.59	8,386.52	8,146.81	239.70	34.987					
6,300.00	6,135.62	6,139.62	6,139.62	32.97	212.61	140.64	-1,299.87	-7,269.59	8,405.43	8,161.85	243.59	34.507					
6,400.00	6,232.65	6,236.65	6,236.65	33.51	216.00	140.74	-1,299.87	-7,269.59	8,424.38	8,176.90	247.47	34.042					
6,500.00	6,329.68	6,333.68	6,333.68	34.06	219.39	140.84	-1,299.87	-7,269.59	8,443.34	8,191.99	251.36	33.591					
6,600.00	6,426.71	6,430.71	6,430.71	34.60	222.78	140.95	-1,299.87	-7,269.59	8,462.34	8,207.10	255.24	33.154					
6,655.36	6,480.43	6,484.43	6,484.43	34.90	224.65	141.00	-1,299.87	-7,269.59	8,472.87	8,215.48	257.39	32.918					
6,700.00	6,524.01	6,528.01	6,528.01	35.13	226.17	128.88	-1,299.87	-7,269.59	8,479.82	8,220.69	259.13	32.724					
6,750.00	6,573.29	6,577.29	6,577.29	35.36	227.89	106.44	-1,299.87	-7,269.59	8,483.93	8,222.86	261.08	32.496					
6,800.00	6,622.76	6,626.76	6,626.76	35.56	229.62	76.14	-1,299.87	-7,269.59	8,484.13	8,221.13	263.01	32.258					
6,850.00	6,672.13	6,676.13	6,676.13	35.73	231.34	50.77	-1,299.87	-7,269.59	8,480.42	8,215.51	264.91	32.013					
6,900.00	6,721.08	6,725.08	6,725.08	35.88	233.05	35.31	-1,299.87	-7,269.59	8,472.82	8,206.05	266.77	31.761					
6,950.00	6,769.31	6,773.31	6,773.31	36.03	234.73	26.21	-1,299.87	-7,269.59	8,461.37	8,192.80	268.58	31.504					
7,000.00	6,816.53	6,820.53	6,820.53	36.18	236.38	20.51	-1,299.87	-7,269.59	8,446.15	8,175.82	270.33	31.244					
7,050.00	6,862.44	6,866.44	6,866.44	36.34	237.99	16.66	-1,299.87	-7,269.59	8,427.25	8,155.23	272.03	30.980					
7,100.00	6,906.77	6,910.77	6,910.77	36.50	239.53	13.92	-1,299.87	-7,269.59	8,404.79	8,131.14	273.64	30.714					
7,150.00	6,949.23	6,953.23	6,953.23	36.68	241.01	11.85	-1,299.87	-7,269.59	8,378.90	8,103.71	275.18	30.448					
7,200.00	6,989.58	7,006.42	6,993.58	36.87	242.87	10.23	-1,299.87	-7,269.59	8,349.74	8,072.65	277.08	30.134					
7,250.00	7,027.55	7,031.55	7,031.55	37.09	243.75	8.91	-1,299.87	-7,269.59	8,317.49	8,039.50	277.99	29.920					
7,300.00	7,062.91	7,066.91	7,066.91	37.32	244.98	7.77	-1,299.87	-7,269.59	8,282.35	8,003.10	279.24	29.660					
7,350.00	7,095.45	7,100.55	7,099.45	37.59	246.16	6.76	-1,299.87	-7,269.59	8,244.53	7,964.11	280.42	29.400					
7,400.00	7,124.97	7,128.97	7,128.97	37.88	247.15	5.79	-1,299.87	-7,269.59	8,204.27	7,922.86	281.41	29.154					
7,450.00	7,151.28	7,155.28	7,155.28	38.21	248.07	4.79	-1,299.87	-7,269.59	8,161.82	7,879.49	282.33	28.909					
7,500.00	7,174.22	7,178.22	7,178.22	38.58	248.87	3.69	-1,299.87	-7,269.59	8,117.43	7,834.32	283.12	28.672					
7,550.00	7,193.65	7,202.35	7,197.65	38.98	249.71	2.31	-1,299.87	-7,269.59	8,071.39	7,787.44	283.95	28.426					
7,600.00	7,209.45	7,213.45	7,213.45	39.43	250.10	0.38	-1,299.87	-7,269.59	8,023.96	7,739.64	284.32	28.222					
7,650.00	7,221.52	7,225.52	7,225.52	39.91	250.52	-2.83	-1,299.87	-7,269.59	7,975.46	7,690.73	284.73	28.011					
7,700.00	7,229.79	7,233.79	7,233.79	40.42	250.81	-9.69	-1,299.87	-7,269.59	7,926.17	7,641.16	285.01	27.810					
7,750.00	7,234.21	7,238.21	7,238.21	40.97	250.96	-33.75	-1,299.87	-7,269.59	7,876.39	7,591.23	285.16	27.621					
7,780.56	7,235.00	7,239.00	7,239.00	41.32	250.99	-86.96	-1,299.87	-7,269.59	7,845.86	7,560.68	285.19	27.511					
7,800.00	7,235.04	7,239.04	7,239.04	41.54	250.99	-86.97	-1,299.87	-7,269.59	7,826.44	7,541.25	285.19	27.443					
7,900.00	7,235.26	7,239.26	7,239.26	42.82	251.00	-87.01	-1,299.87	-7,269.59	7,726.52	7,441.32	285.21	27.091					
8,000.00	7,235.47	7,239.47	7,239.47	44.25	251.01	-87.05	-1,299.87	-7,269.59	7,626.61	7,341.38	285.23	26.739					
8,100.00	7,235.68	7,239.68	7,239.68	45.82	251.01	-87.09	-1,299.87	-7,269.59	7,526.70	7,241.45	285.25	26.387					
8,200.00	7,235.90	7,239.90	7,239.90	47.52	251.02	-87.13	-1,299.87	-7,269.59	7,426.78	7,141.51	285.27	26.034					
8,300.00	7,236.11	7,240.11	7,240.11	49.34	251.03	-87.16	-1,299.87	-7,269.59	7,326.88	7,041.58	285.29	25.682					
8,400.00	7,236.32	7,240.32	7,240.32	51.25	251.04	-87.20	-1,299.87	-7,269.59	7,226.97	6,941.65	285.32	25.329					
8,500.00	7,236.54	7,240.54	7,240.54	53.26	251.04	-87.24	-1,299.87	-7,269.59	7,127.07	6,841.72	285.35	24.977					
8,600.00	7,236.75	7,240.75	7,240.75	55.34	251.05	-87.28	-1,299.87	-7,269.59	7,027.17	6,741.79	285.38	24.624					
8,700.00	7,236.96	7,240.96	7,240.96	57.50	251.06	-87.32	-1,299.87	-7,269.59	6,927.27	6,641.86	285.41	24.271					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - Montero #10-34(PR) - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,800.00	7,237.17	7,241.17	7,241.17	59.71	251.07	-87.36	-1,299.87	-7,269.59	6,827.37	6,541.93	285.44	23.918			
8,900.00	7,237.39	7,241.39	7,241.39	61.98	251.07	-87.40	-1,299.87	-7,269.59	6,727.48	6,442.00	285.48	23.565			
9,000.00	7,237.60	7,241.60	7,241.60	64.29	251.08	-87.44	-1,299.87	-7,269.59	6,627.59	6,342.07	285.52	23.212			
9,100.00	7,237.81	7,241.81	7,241.81	66.65	251.09	-87.47	-1,299.87	-7,269.59	6,527.71	6,242.14	285.56	22.859			
9,200.00	7,238.03	7,242.03	7,242.03	69.05	251.10	-87.51	-1,299.87	-7,269.59	6,427.83	6,142.22	285.61	22.506			
9,300.00	7,238.24	7,242.24	7,242.24	71.48	251.10	-87.55	-1,299.87	-7,269.59	6,327.95	6,042.29	285.66	22.152			
9,400.00	7,238.45	7,242.45	7,242.45	73.95	251.11	-87.59	-1,299.87	-7,269.59	6,228.07	5,942.37	285.71	21.799			
9,500.00	7,238.67	7,242.67	7,242.67	76.44	251.12	-87.63	-1,299.87	-7,269.59	6,128.20	5,842.44	285.76	21.445			
9,600.00	7,238.88	7,242.88	7,242.88	78.96	251.13	-87.67	-1,299.87	-7,269.59	6,028.34	5,742.52	285.82	21.092			
9,700.00	7,239.09	7,243.09	7,243.09	81.50	251.13	-87.71	-1,299.87	-7,269.59	5,928.48	5,642.60	285.88	20.738			
9,800.00	7,239.30	7,243.30	7,243.30	84.06	251.14	-87.75	-1,299.87	-7,269.59	5,828.62	5,542.68	285.94	20.384			
9,900.00	7,239.52	7,243.52	7,243.52	86.64	251.15	-87.78	-1,299.87	-7,269.59	5,728.77	5,442.76	286.01	20.030			
10,000.00	7,239.73	7,243.73	7,243.73	89.23	251.16	-87.82	-1,299.87	-7,269.59	5,628.92	5,342.84	286.08	19.676			
10,100.00	7,239.94	7,243.94	7,243.94	91.85	251.16	-87.86	-1,299.87	-7,269.59	5,529.08	5,242.93	286.16	19.322			
10,200.00	7,240.16	7,244.16	7,244.16	94.47	251.17	-87.90	-1,299.87	-7,269.59	5,429.25	5,143.01	286.24	18.968			
10,300.00	7,240.37	7,244.37	7,244.37	97.11	251.18	-87.94	-1,299.87	-7,269.59	5,329.42	5,043.10	286.32	18.613			
10,400.00	7,240.58	7,244.58	7,244.58	99.76	251.18	-87.98	-1,299.87	-7,269.59	5,229.60	4,943.19	286.41	18.259			
10,500.00	7,240.80	7,244.80	7,244.80	102.43	251.19	-88.02	-1,299.87	-7,269.59	5,129.78	4,843.28	286.51	17.905			
10,600.00	7,241.01	7,245.01	7,245.01	105.10	251.20	-88.05	-1,299.87	-7,269.59	5,029.98	4,743.37	286.61	17.550			
10,700.00	7,241.22	7,245.22	7,245.22	107.79	251.21	-88.09	-1,299.87	-7,269.59	4,930.18	4,643.46	286.71	17.195			
10,800.00	7,241.43	7,245.43	7,245.43	110.48	251.21	-88.13	-1,299.87	-7,269.59	4,830.39	4,543.56	286.83	16.841			
10,900.00	7,241.65	7,245.65	7,245.65	113.18	251.22	-88.17	-1,299.87	-7,269.59	4,730.60	4,443.65	286.95	16.486			
11,000.00	7,241.86	7,245.86	7,245.86	115.89	251.23	-88.21	-1,299.87	-7,269.59	4,630.83	4,343.75	287.08	16.131			
11,100.00	7,242.07	7,246.07	7,246.07	118.60	251.24	-88.25	-1,299.87	-7,269.59	4,531.07	4,243.85	287.21	15.776			
11,200.00	7,242.29	7,246.29	7,246.29	121.32	251.24	-88.29	-1,299.87	-7,269.59	4,431.31	4,143.96	287.36	15.421			
11,300.00	7,242.50	7,246.50	7,246.50	124.05	251.25	-88.33	-1,299.87	-7,269.59	4,331.57	4,044.06	287.51	15.066			
11,400.00	7,242.71	7,246.71	7,246.71	126.78	251.26	-88.36	-1,299.87	-7,269.59	4,231.84	3,944.17	287.68	14.710			
11,500.00	7,242.93	7,246.93	7,246.93	129.52	251.27	-88.40	-1,299.87	-7,269.59	4,132.13	3,844.27	287.85	14.355			
11,600.00	7,243.14	7,247.14	7,247.14	132.27	251.27	-88.44	-1,299.87	-7,269.59	4,032.43	3,744.38	288.04	13.999			
11,700.00	7,243.35	7,247.35	7,247.35	135.02	251.28	-88.48	-1,299.87	-7,269.59	3,932.74	3,644.50	288.24	13.644			
11,800.00	7,243.57	7,247.57	7,247.57	137.77	251.29	-88.52	-1,299.87	-7,269.59	3,833.07	3,544.61	288.46	13.288			
11,900.00	7,243.78	7,247.78	7,247.78	140.53	251.30	-88.56	-1,299.87	-7,269.59	3,733.42	3,444.72	288.69	12.932			
12,000.00	7,243.99	7,247.99	7,247.99	143.29	251.30	-88.60	-1,299.87	-7,269.59	3,633.78	3,344.84	288.94	12.576			
12,100.00	7,244.20	7,248.20	7,248.20	146.05	251.31	-88.64	-1,299.87	-7,269.59	3,534.17	3,244.96	289.21	12.220			
12,200.00	7,244.42	7,248.42	7,248.42	148.82	251.32	-88.67	-1,299.87	-7,269.59	3,434.58	3,145.07	289.51	11.864			
12,300.00	7,244.63	7,248.63	7,248.63	151.60	251.33	-88.71	-1,299.87	-7,269.59	3,335.01	3,045.19	289.82	11.507			
12,400.00	7,244.84	7,248.84	7,248.84	154.37	251.33	-88.75	-1,299.87	-7,269.59	3,235.47	2,945.31	290.17	11.150			
12,500.00	7,245.06	7,249.06	7,249.06	157.15	251.34	-88.79	-1,299.87	-7,269.59	3,135.96	2,845.42	290.54	10.794			
12,600.00	7,245.27	7,249.27	7,249.27	159.93	251.35	-88.83	-1,299.87	-7,269.59	3,036.49	2,745.54	290.95	10.437			
12,700.00	7,245.48	7,249.48	7,249.48	162.71	251.36	-88.87	-1,299.87	-7,269.59	2,937.04	2,645.65	291.39	10.079			
12,800.00	7,245.70	7,249.70	7,249.70	165.50	251.36	-88.91	-1,299.87	-7,269.59	2,837.64	2,545.76	291.88	9.722			
12,900.00	7,245.91	7,249.91	7,249.91	168.29	251.37	-88.95	-1,299.87	-7,269.59	2,738.28	2,445.86	292.42	9.364			
13,000.00	7,246.12	7,250.12	7,250.12	171.08	251.38	-88.98	-1,299.87	-7,269.59	2,638.97	2,345.95	293.02	9.006			
13,100.00	7,246.33	7,250.33	7,250.33	173.87	251.39	-89.02	-1,299.87	-7,269.59	2,539.71	2,246.04	293.67	8.648			
13,200.00	7,246.55	7,250.55	7,250.55	176.67	251.39	-89.06	-1,299.87	-7,269.59	2,440.51	2,146.11	294.40	8.290			
13,300.00	7,246.76	7,250.76	7,250.76	179.47	251.40	-89.10	-1,299.87	-7,269.59	2,341.39	2,046.17	295.21	7.931			
13,400.00	7,246.97	7,250.97	7,250.97	182.27	251.41	-89.14	-1,299.87	-7,269.59	2,242.33	1,946.21	296.12	7.572			
13,500.00	7,247.19	7,251.19	7,251.19	185.07	251.42	-89.18	-1,299.87	-7,269.59	2,143.37	1,846.23	297.14	7.213			
13,600.00	7,247.40	7,251.40	7,251.40	187.87	251.42	-89.22	-1,299.87	-7,269.59	2,044.51	1,746.22	298.29	6.854			
13,700.00	7,247.61	7,251.61	7,251.61	190.68	251.43	-89.26	-1,299.87	-7,269.59	1,945.76	1,646.17	299.59	6.495			
13,800.00	7,247.83	7,251.83	7,251.83	193.48	251.44	-89.29	-1,299.87	-7,269.59	1,847.15	1,546.08	301.07	6.135			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - Montero #10-34(PR) - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,900.00	7,248.04	7,252.04	7,252.04	196.29	251.45	-89.33	-1,299.87	-7,269.59	1,748.70	1,445.94	302.76	5.776			
14,000.00	7,248.25	7,252.25	7,252.25	199.10	251.45	-89.37	-1,299.87	-7,269.59	1,650.43	1,345.73	304.70	5.417			
14,100.00	7,248.46	7,252.46	7,252.46	201.91	251.46	-89.41	-1,299.87	-7,269.59	1,552.39	1,245.45	306.94	5.058			
14,200.00	7,248.68	7,252.68	7,252.68	204.72	251.47	-89.45	-1,299.87	-7,269.59	1,454.61	1,145.06	309.55	4.699			
14,300.00	7,248.89	7,252.89	7,252.89	207.53	251.47	-89.49	-1,299.87	-7,269.59	1,357.15	1,044.55	312.60	4.341			
14,400.00	7,249.10	7,253.10	7,253.10	210.35	251.48	-89.53	-1,299.87	-7,269.59	1,260.09	943.89	316.21	3.985			
14,500.00	7,249.32	7,253.32	7,253.32	213.16	251.49	-89.57	-1,299.87	-7,269.59	1,163.53	843.04	320.49	3.630			
14,600.00	7,249.53	7,253.53	7,253.53	215.98	251.50	-89.60	-1,299.87	-7,269.59	1,067.61	741.96	325.64	3.278			
14,700.00	7,249.74	7,253.74	7,253.74	218.80	251.50	-89.64	-1,299.87	-7,269.59	972.50	640.61	331.89	2.930			
14,800.00	7,249.96	7,253.96	7,253.96	221.62	251.51	-89.68	-1,299.87	-7,269.59	878.48	538.92	339.56	2.587			
14,900.00	7,250.17	7,254.17	7,254.17	224.44	251.52	-89.72	-1,299.87	-7,269.59	785.95	436.86	349.09	2.251			
15,000.00	7,250.38	7,254.38	7,254.38	227.26	251.53	-89.76	-1,299.87	-7,269.59	695.48	334.41	361.07	1.926			
15,100.00	7,250.59	7,254.59	7,254.59	230.08	251.53	-89.80	-1,299.87	-7,269.59	608.00	231.70	376.30	1.616			
15,200.00	7,250.81	7,254.81	7,254.81	232.90	251.54	-89.84	-1,299.87	-7,269.59	525.01	129.26	395.75	1.327 Level 3			
15,300.00	7,251.02	7,255.02	7,255.02	235.72	251.55	-89.88	-1,299.87	-7,269.59	449.02	28.78	420.24	1.068 Level 2			
15,400.00	7,251.23	7,255.23	7,255.23	238.55	251.56	-89.91	-1,299.87	-7,269.59	384.17	-65.09	449.27	0.855 Level 1			
15,500.00	7,251.45	7,255.45	7,255.45	241.37	251.56	-89.95	-1,299.87	-7,269.59	337.00	-141.13	478.13	0.705 Level 1			
15,600.00	7,251.66	7,255.66	7,255.66	244.20	251.57	-89.99	-1,299.87	-7,269.59	315.50	-179.90	495.40	0.637 Level 1			
15,620.12	7,251.70	7,255.70	7,255.70	244.77	251.57	-90.00	-1,299.87	-7,269.59	314.86	-181.48	496.33	0.634 Level 1, CC, ES, SF			
15,700.00	7,251.87	7,255.87	7,255.87	247.03	251.58	-90.03	-1,299.87	-7,269.59	324.83	-165.90	490.73	0.662 Level 1			
15,800.00	7,252.09	7,256.09	7,256.09	249.85	251.59	-90.07	-1,299.87	-7,269.59	362.62	-105.77	468.39	0.774 Level 1			
15,900.00	7,252.30	7,256.30	7,256.30	252.68	251.59	-90.11	-1,299.87	-7,269.59	421.27	-19.57	440.84	0.956 Level 1			
16,000.00	7,252.51	7,256.51	7,256.51	255.51	251.60	-90.15	-1,299.87	-7,269.59	493.40	77.64	415.76	1.187 Level 2			
16,100.00	7,252.72	7,256.72	7,256.72	258.34	251.61	-90.19	-1,299.87	-7,269.59	573.95	178.72	395.23	1.452 Level 3			
16,200.00	7,252.94	7,256.94	7,256.94	261.17	251.62	-90.22	-1,299.87	-7,269.59	659.84	280.89	378.96	1.741			
16,300.00	7,253.15	7,257.15	7,257.15	264.00	251.62	-90.26	-1,299.87	-7,269.59	749.24	383.15	366.09	2.047			
16,400.00	7,253.36	7,257.36	7,257.36	266.83	251.63	-90.30	-1,299.87	-7,269.59	841.04	485.19	355.85	2.363			
16,500.00	7,253.58	7,257.58	7,257.58	269.66	251.64	-90.34	-1,299.87	-7,269.59	934.51	586.92	347.59	2.689			
16,600.00	7,253.79	7,257.79	7,257.79	272.50	251.65	-90.38	-1,299.87	-7,269.59	1,029.22	688.36	340.86	3.019			
16,700.00	7,254.00	7,258.00	7,258.00	275.33	251.65	-90.42	-1,299.87	-7,269.59	1,124.84	789.53	335.31	3.355			
16,800.00	7,254.22	7,258.22	7,258.22	278.16	251.66	-90.46	-1,299.87	-7,269.59	1,221.16	890.49	330.67	3.693			
16,900.00	7,254.43	7,258.43	7,258.43	281.00	251.67	-90.50	-1,299.87	-7,269.59	1,318.03	991.26	326.77	4.034			
17,000.00	7,254.64	7,258.64	7,258.64	283.83	251.68	-90.53	-1,299.87	-7,269.59	1,415.34	1,091.88	323.46	4.376			
17,100.00	7,254.85	7,258.85	7,258.85	286.67	251.68	-90.57	-1,299.87	-7,269.59	1,513.00	1,192.38	320.62	4.719			
17,200.00	7,255.07	7,259.07	7,259.07	289.50	251.69	-90.61	-1,299.87	-7,269.59	1,610.94	1,292.77	318.17	5.063			
17,300.00	7,255.28	7,259.28	7,259.28	292.34	251.70	-90.65	-1,299.87	-7,269.59	1,709.12	1,393.08	316.05	5.408			
17,400.00	7,255.49	7,259.49	7,259.49	295.17	251.71	-90.69	-1,299.87	-7,269.59	1,807.51	1,493.31	314.20	5.753			
17,500.00	7,255.71	7,259.71	7,259.71	298.01	251.71	-90.73	-1,299.87	-7,269.59	1,906.06	1,593.49	312.57	6.098			
17,600.00	7,255.92	7,259.92	7,259.92	300.85	251.72	-90.77	-1,299.87	-7,269.59	2,004.75	1,693.61	311.14	6.443			
17,700.00	7,256.13	7,260.13	7,260.13	303.68	251.73	-90.81	-1,299.87	-7,269.59	2,103.57	1,793.69	309.88	6.788			
17,800.00	7,256.35	7,260.35	7,260.35	306.52	251.74	-90.84	-1,299.87	-7,269.59	2,202.49	1,893.74	308.76	7.133			
17,900.00	7,256.56	7,260.56	7,260.56	309.36	251.74	-90.88	-1,299.87	-7,269.59	2,301.51	1,993.75	307.76	7.478			
18,000.00	7,256.77	7,260.77	7,260.77	312.20	251.75	-90.92	-1,299.87	-7,269.59	2,400.61	2,093.74	306.87	7.823			
18,100.00	7,256.98	7,260.98	7,260.98	315.04	251.76	-90.96	-1,299.87	-7,269.59	2,499.78	2,193.71	306.07	8.167			
18,200.00	7,257.20	7,261.20	7,261.20	317.88	251.76	-91.00	-1,299.87	-7,269.59	2,599.01	2,293.66	305.35	8.512			
18,300.00	7,257.41	7,261.41	7,261.41	320.72	251.77	-91.04	-1,299.87	-7,269.59	2,698.30	2,393.59	304.71	8.855			
18,400.00	7,257.62	7,261.62	7,261.62	323.56	251.78	-91.08	-1,299.87	-7,269.59	2,797.64	2,493.51	304.13	9.199			
18,500.00	7,257.84	7,261.84	7,261.84	326.40	251.79	-91.12	-1,299.87	-7,269.59	2,897.03	2,593.42	303.61	9.542			
18,600.00	7,258.05	7,262.05	7,262.05	329.24	251.79	-91.15	-1,299.87	-7,269.59	2,996.46	2,693.32	303.14	9.885			
18,700.00	7,258.26	7,262.26	7,262.26	332.08	251.80	-91.19	-1,299.87	-7,269.59	3,095.92	2,793.21	302.71	10.227			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - Montero #10-34(PR) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>			<b>Distance</b>							
<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Reference (ft)</b>	<b>Offset (ft)</b>	<b>Highside Toolface (°)</b>	<b>Offset Wellbore Centre +N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Between Centres (ft)</b>	<b>Between Ellipses (ft)</b>	<b>Minimum Separation (ft)</b>	<b>Separation Factor</b>	<b>Warning</b>	
18,800.00	7,258.48	7,262.48	7,262.48	334.92	251.81	-91.23	-1,299.87	-7,269.59	3,195.42	2,893.09	302.33	10.569		
18,900.00	7,258.69	7,262.69	7,262.69	337.76	251.82	-91.27	-1,299.87	-7,269.59	3,294.95	2,992.97	301.98	10.911		
19,000.00	7,258.90	7,262.90	7,262.90	340.60	251.82	-91.31	-1,299.87	-7,269.59	3,394.50	3,092.84	301.67	11.252		
19,046.19	7,259.00	7,263.00	7,263.00	341.92	251.83	-91.33	-1,299.87	-7,269.59	3,440.49	3,138.96	301.53	11.410		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Montero #10-43(SI) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	10.00	10.00	3.28	3.28	-87.14	278.59	-5,575.81	5,582.76					
100.00	100.00	110.00	110.00	3.28	3.89	-87.14	278.59	-5,575.81	5,582.76	5,575.58	7.18	777.928		
200.00	200.00	210.00	210.00	3.34	6.48	-87.14	278.59	-5,575.81	5,582.76	5,572.95	9.81	568.829		
300.00	300.00	310.00	310.00	3.44	9.65	-87.14	278.59	-5,575.81	5,582.76	5,569.66	13.10	426.296		
400.00	399.98	409.98	409.98	3.60	12.99	147.85	278.59	-5,575.81	5,584.24	5,567.65	16.59	336.698		
500.00	499.84	509.84	509.84	3.79	16.38	147.84	278.59	-5,575.81	5,588.67	5,568.50	20.18	276.997		
600.00	599.45	609.45	609.45	4.03	19.80	147.80	278.59	-5,575.81	5,596.06	5,572.22	23.83	234.822		
700.00	698.70	708.70	708.70	4.30	23.23	147.76	278.59	-5,575.81	5,606.39	5,578.86	27.53	203.666		
800.00	797.47	807.47	807.47	4.61	26.65	147.70	278.59	-5,575.81	5,619.66	5,588.41	31.25	179.832		
900.00	895.62	905.62	905.62	4.95	30.05	147.63	278.59	-5,575.81	5,635.87	5,600.88	34.99	161.089		
1,000.00	993.06	1,003.06	1,003.06	5.33	33.43	147.54	278.59	-5,575.81	5,655.00	5,616.27	38.73	146.017		
1,100.00	1,090.08	1,100.08	1,100.08	5.74	36.80	147.67	278.59	-5,575.81	5,675.60	5,633.12	42.48	133.612		
1,200.00	1,187.11	1,202.89	1,197.11	6.17	40.38	147.80	278.59	-5,575.81	5,696.23	5,649.78	46.44	122.646		
1,300.00	1,284.14	1,305.86	1,294.14	6.61	43.96	147.93	278.59	-5,575.81	5,716.89	5,666.45	50.43	113.354		
1,400.00	1,381.17	1,408.83	1,391.17	7.07	47.55	148.06	278.59	-5,575.81	5,737.57	5,683.14	54.44	105.399		
1,500.00	1,478.20	1,488.20	1,488.20	7.55	50.31	148.18	278.59	-5,575.81	5,758.28	5,700.66	57.63	99.921		
1,600.00	1,575.23	1,585.23	1,585.23	8.03	53.70	148.31	278.59	-5,575.81	5,779.02	5,717.58	61.44	94.053		
1,700.00	1,672.26	1,682.26	1,682.26	8.52	57.08	148.43	278.59	-5,575.81	5,799.79	5,734.52	65.27	88.862		
1,800.00	1,769.29	1,779.29	1,779.29	9.01	60.46	148.56	278.59	-5,575.81	5,820.58	5,751.49	69.10	84.237		
1,900.00	1,866.32	1,876.32	1,876.32	9.51	63.84	148.68	278.59	-5,575.81	5,841.40	5,768.47	72.93	80.093		
2,000.00	1,963.35	1,973.35	1,973.35	10.02	67.22	148.80	278.59	-5,575.81	5,862.25	5,785.47	76.77	76.359		
2,100.00	2,060.38	2,070.38	2,070.38	10.53	70.61	148.92	278.59	-5,575.81	5,883.12	5,802.50	80.62	72.977		
2,200.00	2,157.41	2,167.41	2,167.41	11.04	73.99	149.04	278.59	-5,575.81	5,904.01	5,819.55	84.46	69.900		
2,300.00	2,254.44	2,264.44	2,264.44	11.56	77.38	149.16	278.59	-5,575.81	5,924.93	5,836.62	88.31	67.090		
2,400.00	2,351.47	2,361.47	2,361.47	12.07	80.76	149.28	278.59	-5,575.81	5,945.88	5,853.71	92.17	64.513		
2,500.00	2,448.50	2,458.50	2,458.50	12.59	84.14	149.40	278.59	-5,575.81	5,966.85	5,870.83	96.02	62.142		
2,600.00	2,545.53	2,555.53	2,555.53	13.12	87.53	149.51	278.59	-5,575.81	5,987.85	5,887.97	99.88	59.952		
2,700.00	2,642.56	2,652.56	2,652.56	13.64	90.91	149.63	278.59	-5,575.81	6,008.86	5,905.13	103.73	57.925		
2,800.00	2,739.59	2,749.59	2,749.59	14.17	94.30	149.75	278.59	-5,575.81	6,029.91	5,922.31	107.59	56.043		
2,900.00	2,836.62	2,846.62	2,846.62	14.69	97.69	149.86	278.59	-5,575.81	6,050.97	5,939.52	111.46	54.290		
3,000.00	2,933.65	2,943.65	2,943.65	15.22	101.07	149.97	278.59	-5,575.81	6,072.06	5,956.74	115.32	52.655		
3,100.00	3,030.68	3,040.68	3,040.68	15.75	104.46	150.09	278.59	-5,575.81	6,093.17	5,973.99	119.18	51.126		
3,200.00	3,127.71	3,137.71	3,137.71	16.28	107.84	150.20	278.59	-5,575.81	6,114.31	5,991.26	123.04	49.692		
3,300.00	3,224.74	3,234.74	3,234.74	16.82	111.23	150.31	278.59	-5,575.81	6,135.47	6,008.56	126.91	48.345		
3,400.00	3,321.76	3,331.76	3,331.76	17.35	114.61	150.42	278.59	-5,575.81	6,156.65	6,025.87	130.77	47.078		
3,500.00	3,418.79	3,428.79	3,428.79	17.88	118.00	150.53	278.59	-5,575.81	6,177.85	6,043.21	134.64	45.884		
3,600.00	3,515.82	3,525.82	3,525.82	18.42	121.39	150.64	278.59	-5,575.81	6,199.07	6,060.57	138.51	44.756		
3,700.00	3,612.85	3,622.85	3,622.85	18.95	124.77	150.75	278.59	-5,575.81	6,220.32	6,077.94	142.37	43.690		
3,800.00	3,709.88	3,719.88	3,719.88	19.49	128.16	150.86	278.59	-5,575.81	6,241.59	6,095.34	146.24	42.680		
3,900.00	3,806.91	3,816.91	3,816.91	20.02	131.54	150.96	278.59	-5,575.81	6,262.87	6,112.77	150.11	41.722		
4,000.00	3,903.94	3,913.94	3,913.94	20.56	134.93	151.07	278.59	-5,575.81	6,284.18	6,130.21	153.98	40.812		
4,100.00	4,000.97	4,010.97	4,010.97	21.09	138.32	151.18	278.59	-5,575.81	6,305.51	6,147.67	157.85	39.947		
4,200.00	4,098.00	4,108.00	4,108.00	21.63	141.70	151.28	278.59	-5,575.81	6,326.87	6,165.15	161.72	39.123		
4,300.00	4,195.03	4,205.03	4,205.03	22.17	145.09	151.39	278.59	-5,575.81	6,348.24	6,182.65	165.58	38.338		
4,400.00	4,292.06	4,302.06	4,302.06	22.71	148.48	151.49	278.59	-5,575.81	6,369.63	6,200.17	169.45	37.589		
4,500.00	4,389.09	4,400.00	4,399.09	23.25	151.93	151.59	278.59	-5,575.81	6,391.04	6,217.65	173.39	36.860		
4,600.00	4,486.12	4,503.88	4,496.12	23.78	155.52	151.69	278.59	-5,575.81	6,412.47	6,235.01	177.46	36.134		
4,700.00	4,583.15	4,606.85	4,593.15	24.32	159.11	151.80	278.59	-5,575.81	6,433.92	6,252.38	181.54	35.441		
4,800.00	4,680.18	4,709.82	4,690.18	24.86	162.71	151.90	278.59	-5,575.81	6,455.39	6,269.77	185.62	34.778		
4,900.00	4,777.21	4,787.21	4,787.21	25.40	166.41	152.00	278.59	-5,575.81	6,476.88	6,288.08	189.80	34.305		
5,000.00	4,874.24	4,884.24	4,884.24	25.94	168.80	152.10	278.59	-5,575.81	6,498.39	6,305.72	192.67	33.728		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Montero #10-43(SI) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	4,981.27	4,981.27	26.48	172.18	152.19	278.59	-5,575.81	6,519.92	6,323.37	196.54	33.173		
5,200.00	5,068.30	5,078.30	5,078.30	27.02	175.57	152.29	278.59	-5,575.81	6,541.46	6,341.05	200.41	32.640		
5,300.00	5,165.33	5,175.33	5,175.33	27.56	178.96	152.39	278.59	-5,575.81	6,563.03	6,358.74	204.28	32.127		
5,400.00	5,262.36	5,272.36	5,272.36	28.10	182.34	152.49	278.59	-5,575.81	6,584.61	6,376.45	208.15	31.633		
5,500.00	5,359.39	5,369.39	5,369.39	28.64	185.73	152.58	278.59	-5,575.81	6,606.21	6,394.19	212.03	31.158		
5,600.00	5,456.42	5,466.42	5,466.42	29.18	189.12	152.68	278.59	-5,575.81	6,627.83	6,411.93	215.90	30.699		
5,700.00	5,553.45	5,563.45	5,563.45	29.72	192.50	152.77	278.59	-5,575.81	6,649.46	6,429.70	219.77	30.257		
5,800.00	5,650.47	5,660.47	5,660.47	30.27	195.89	152.87	278.59	-5,575.81	6,671.12	6,447.48	223.64	29.830		
5,900.00	5,747.50	5,757.50	5,757.50	30.81	199.28	152.96	278.59	-5,575.81	6,692.79	6,465.28	227.51	29.418		
6,000.00	5,844.53	5,854.53	5,854.53	31.35	202.66	153.06	278.59	-5,575.81	6,714.48	6,483.10	231.38	29.019		
6,100.00	5,941.56	5,951.56	5,951.56	31.89	206.05	153.15	278.59	-5,575.81	6,736.18	6,500.93	235.25	28.634		
6,200.00	6,038.59	6,048.59	6,048.59	32.43	209.44	153.24	278.59	-5,575.81	6,757.91	6,518.79	239.12	28.262		
6,300.00	6,135.62	6,145.62	6,145.62	32.97	212.82	153.33	278.59	-5,575.81	6,779.65	6,536.65	242.99	27.901		
6,400.00	6,232.65	6,242.65	6,242.65	33.51	216.21	153.42	278.59	-5,575.81	6,801.40	6,554.54	246.86	27.552		
6,500.00	6,329.68	6,339.68	6,339.68	34.06	219.60	153.51	278.59	-5,575.81	6,823.17	6,572.44	250.73	27.213		
6,600.00	6,426.71	6,436.71	6,436.71	34.60	222.98	153.60	278.59	-5,575.81	6,844.96	6,590.36	254.60	26.885		
6,655.36	6,480.43	6,509.57	6,490.43	34.90	225.53	153.65	278.59	-5,575.81	6,857.03	6,599.62	257.41	26.638		
6,700.00	6,524.01	6,534.01	6,534.01	35.13	226.38	141.37	278.59	-5,575.81	6,865.25	6,606.78	258.48	26.560		
6,750.00	6,573.29	6,583.29	6,583.29	35.36	228.10	118.83	278.59	-5,575.81	6,870.85	6,610.42	260.42	26.384		
6,800.00	6,622.76	6,632.76	6,632.76	35.56	229.83	88.51	278.59	-5,575.81	6,872.59	6,610.23	262.35	26.196		
6,850.00	6,672.13	6,682.13	6,682.13	35.73	231.55	63.21	278.59	-5,575.81	6,870.47	6,606.21	264.26	25.999		
6,900.00	6,721.08	6,731.08	6,731.08	35.88	233.26	47.90	278.59	-5,575.81	6,864.50	6,598.38	266.12	25.795		
6,950.00	6,769.31	6,779.31	6,779.31	36.03	234.94	39.03	278.59	-5,575.81	6,854.72	6,586.79	267.93	25.584		
7,000.00	6,816.53	6,826.53	6,826.53	36.18	236.59	33.65	278.59	-5,575.81	6,841.20	6,571.51	269.69	25.367		
7,050.00	6,862.44	6,872.44	6,872.44	36.34	238.19	30.24	278.59	-5,575.81	6,824.02	6,552.64	271.38	25.146		
7,100.00	6,906.77	6,916.77	6,916.77	36.50	239.74	28.05	278.59	-5,575.81	6,803.29	6,530.30	272.99	24.921		
7,150.00	6,949.23	6,959.23	6,959.23	36.68	241.22	26.69	278.59	-5,575.81	6,779.13	6,504.61	274.52	24.694		
7,200.00	6,989.58	7,000.42	6,999.58	36.87	242.66	25.93	278.59	-5,575.81	6,751.71	6,475.71	275.99	24.463		
7,250.00	7,027.55	7,037.55	7,037.55	37.09	243.96	25.68	278.59	-5,575.81	6,721.18	6,443.87	277.31	24.237		
7,300.00	7,062.91	7,072.91	7,072.91	37.32	245.19	25.88	278.59	-5,575.81	6,687.74	6,409.19	278.55	24.009		
7,350.00	7,095.45	7,105.45	7,105.45	37.59	246.33	26.54	278.59	-5,575.81	6,651.60	6,371.92	279.68	23.783		
7,400.00	7,124.97	7,134.97	7,134.97	37.88	247.36	27.70	278.59	-5,575.81	6,612.97	6,332.28	280.70	23.559		
7,450.00	7,151.28	7,161.28	7,161.28	38.21	248.28	29.47	278.59	-5,575.81	6,572.11	6,290.51	281.60	23.339		
7,500.00	7,174.22	7,184.22	7,184.22	38.58	249.08	32.02	278.59	-5,575.81	6,529.25	6,246.87	282.38	23.122		
7,550.00	7,193.65	7,203.65	7,203.65	38.98	249.76	35.66	278.59	-5,575.81	6,484.66	6,201.63	283.04	22.911		
7,600.00	7,209.45	7,219.45	7,219.45	39.43	250.31	40.90	278.59	-5,575.81	6,438.62	6,155.05	283.57	22.706		
7,650.00	7,221.52	7,231.52	7,231.52	39.91	250.73	48.59	278.59	-5,575.81	6,391.42	6,107.44	283.98	22.507		
7,700.00	7,229.79	7,239.79	7,239.79	40.42	251.02	60.07	278.59	-5,575.81	6,343.33	6,059.07	284.26	22.315		
7,750.00	7,234.21	7,244.21	7,244.21	40.97	251.17	76.74	278.59	-5,575.81	6,294.66	6,010.23	284.42	22.131		
7,780.56	7,235.00	7,245.00	7,245.00	41.32	251.20	89.40	278.59	-5,575.81	6,264.74	5,980.29	284.46	22.023		
7,800.00	7,235.04	7,245.04	7,245.04	41.54	251.20	89.41	278.59	-5,575.81	6,245.70	5,961.23	284.47	21.956		
7,900.00	7,235.26	7,245.26	7,245.26	42.82	251.21	89.41	278.59	-5,575.81	6,147.77	5,863.26	284.52	21.608		
8,000.00	7,235.47	7,245.47	7,245.47	44.25	251.22	89.42	278.59	-5,575.81	6,049.91	5,765.33	284.58	21.259		
8,100.00	7,235.68	7,245.68	7,245.68	45.82	251.22	89.43	278.59	-5,575.81	5,952.13	5,667.46	284.67	20.909		
8,200.00	7,235.90	7,245.90	7,245.90	47.52	251.23	89.44	278.59	-5,575.81	5,854.41	5,569.65	284.77	20.559		
8,300.00	7,236.11	7,246.11	7,246.11	49.34	251.24	89.45	278.59	-5,575.81	5,756.78	5,471.89	284.89	20.207		
8,400.00	7,236.32	7,246.32	7,246.32	51.25	251.25	89.46	278.59	-5,575.81	5,659.22	5,374.20	285.03	19.855		
8,500.00	7,236.54	7,246.54	7,246.54	53.26	251.25	89.47	278.59	-5,575.81	5,561.76	5,276.56	285.19	19.502		
8,600.00	7,236.75	7,246.75	7,246.75	55.34	251.26	89.48	278.59	-5,575.81	5,464.38	5,179.00	285.38	19.148		
8,700.00	7,236.96	7,246.96	7,246.96	57.50	251.27	89.49	278.59	-5,575.81	5,367.11	5,081.51	285.60	18.792		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Montero #10-43(SI) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,800.00	7,237.17	7,247.17	7,247.17	59.71	251.28	89.50	278.59	-5,575.81	5,269.93	4,984.09	285.84	18.436		
8,900.00	7,237.39	7,247.39	7,247.39	61.98	251.28	89.51	278.59	-5,575.81	5,172.86	4,886.74	286.12	18.079		
9,000.00	7,237.60	7,247.60	7,247.60	64.29	251.29	89.52	278.59	-5,575.81	5,075.91	4,789.48	286.43	17.721		
9,100.00	7,237.81	7,247.81	7,247.81	66.65	251.30	89.53	278.59	-5,575.81	4,979.07	4,692.30	286.78	17.362		
9,200.00	7,238.03	7,248.03	7,248.03	69.05	251.31	89.54	278.59	-5,575.81	4,882.37	4,595.21	287.16	17.002		
9,300.00	7,238.24	7,248.24	7,248.24	71.48	251.31	89.55	278.59	-5,575.81	4,785.80	4,498.21	287.59	16.641		
9,400.00	7,238.45	7,248.45	7,248.45	73.95	251.32	89.56	278.59	-5,575.81	4,689.37	4,401.31	288.06	16.279		
9,500.00	7,238.67	7,248.67	7,248.67	76.44	251.33	89.57	278.59	-5,575.81	4,593.10	4,304.52	288.58	15.916		
9,600.00	7,238.88	7,248.88	7,248.88	78.96	251.33	89.58	278.59	-5,575.81	4,496.98	4,207.84	289.15	15.553		
9,700.00	7,239.09	7,249.09	7,249.09	81.50	251.34	89.59	278.59	-5,575.81	4,401.05	4,111.27	289.77	15.188		
9,800.00	7,239.30	7,249.30	7,249.30	84.06	251.35	89.60	278.59	-5,575.81	4,305.29	4,014.83	290.46	14.822		
9,900.00	7,239.52	7,249.52	7,249.52	86.64	251.36	89.61	278.59	-5,575.81	4,209.74	3,918.53	291.21	14.456		
10,000.00	7,239.73	7,249.73	7,249.73	89.23	251.36	89.62	278.59	-5,575.81	4,114.39	3,822.37	292.02	14.089		
10,100.00	7,239.94	7,249.94	7,249.94	91.85	251.37	89.63	278.59	-5,575.81	4,019.27	3,726.36	292.91	13.722		
10,200.00	7,240.16	7,250.16	7,250.16	94.47	251.38	89.64	278.59	-5,575.81	3,924.40	3,630.52	293.88	13.354		
10,300.00	7,240.37	7,250.37	7,250.37	97.11	251.39	89.65	278.59	-5,575.81	3,829.78	3,534.85	294.93	12.985		
10,400.00	7,240.58	7,250.58	7,250.58	99.76	251.39	89.66	278.59	-5,575.81	3,735.45	3,439.38	296.07	12.617		
10,500.00	7,240.80	7,250.80	7,250.80	102.43	251.40	89.67	278.59	-5,575.81	3,641.42	3,344.11	297.31	12.248		
10,600.00	7,241.01	7,251.01	7,251.01	105.10	251.41	89.68	278.59	-5,575.81	3,547.71	3,249.06	298.65	11.879		
10,700.00	7,241.22	7,251.22	7,251.22	107.79	251.42	89.69	278.59	-5,575.81	3,454.36	3,154.26	300.09	11.511		
10,800.00	7,241.43	7,251.43	7,251.43	110.48	251.42	89.70	278.59	-5,575.81	3,361.39	3,059.73	301.66	11.143		
10,900.00	7,241.65	7,251.65	7,251.65	113.18	251.43	89.71	278.59	-5,575.81	3,268.83	2,965.48	303.35	10.776		
11,000.00	7,241.86	7,251.86	7,251.86	115.89	251.44	89.72	278.59	-5,575.81	3,176.73	2,871.55	305.17	10.410		
11,100.00	7,242.07	7,252.07	7,252.07	118.60	251.45	89.73	278.59	-5,575.81	3,085.11	2,777.97	307.14	10.045		
11,200.00	7,242.29	7,252.29	7,252.29	121.32	251.45	89.74	278.59	-5,575.81	2,994.04	2,684.77	309.26	9.681		
11,300.00	7,242.50	7,252.50	7,252.50	124.05	251.46	89.75	278.59	-5,575.81	2,903.55	2,591.99	311.55	9.320		
11,400.00	7,242.71	7,252.71	7,252.71	126.78	251.47	89.76	278.59	-5,575.81	2,813.70	2,499.68	314.02	8.960		
11,500.00	7,242.93	7,252.93	7,252.93	129.52	251.48	89.76	278.59	-5,575.81	2,724.57	2,407.88	316.68	8.603		
11,600.00	7,243.14	7,253.14	7,253.14	132.27	251.48	89.77	278.59	-5,575.81	2,636.21	2,316.66	319.55	8.250		
11,700.00	7,243.35	7,253.35	7,253.35	135.02	251.49	89.78	278.59	-5,575.81	2,548.71	2,226.08	322.64	7.900		
11,800.00	7,243.57	7,253.57	7,253.57	137.77	251.50	89.79	278.59	-5,575.81	2,462.17	2,136.21	325.96	7.554		
11,900.00	7,243.78	7,253.78	7,253.78	140.53	251.51	89.80	278.59	-5,575.81	2,376.68	2,047.14	329.54	7.212		
12,000.00	7,243.99	7,253.99	7,253.99	143.29	251.51	89.81	278.59	-5,575.81	2,292.37	1,958.98	333.39	6.876		
12,100.00	7,244.20	7,254.20	7,254.20	146.05	251.52	89.82	278.59	-5,575.81	2,209.36	1,871.83	337.53	6.546		
12,200.00	7,244.42	7,254.42	7,254.42	148.82	251.53	89.83	278.59	-5,575.81	2,127.82	1,785.84	341.98	6.222		
12,300.00	7,244.63	7,254.63	7,254.63	151.60	251.54	89.84	278.59	-5,575.81	2,047.91	1,701.16	346.75	5.906		
12,400.00	7,244.84	7,254.84	7,254.84	154.37	251.54	89.85	278.59	-5,575.81	1,969.84	1,617.98	351.87	5.598		
12,500.00	7,245.06	7,255.06	7,255.06	157.15	251.55	89.86	278.59	-5,575.81	1,893.84	1,536.50	357.34	5.300		
12,600.00	7,245.27	7,255.27	7,255.27	159.93	251.56	89.87	278.59	-5,575.81	1,820.15	1,456.98	363.17	5.012		
12,700.00	7,245.48	7,255.48	7,255.48	162.71	251.57	89.88	278.59	-5,575.81	1,749.08	1,379.72	369.36	4.735		
12,800.00	7,245.70	7,255.70	7,255.70	165.50	251.57	89.89	278.59	-5,575.81	1,680.96	1,305.05	375.91	4.472		
12,900.00	7,245.91	7,255.91	7,255.91	168.29	251.58	89.90	278.59	-5,575.81	1,616.15	1,233.36	382.79	4.222		
13,000.00	7,246.12	7,256.12	7,256.12	171.08	251.59	89.91	278.59	-5,575.81	1,555.09	1,165.12	389.97	3.988		
13,100.00	7,246.33	7,256.33	7,256.33	173.87	251.59	89.92	278.59	-5,575.81	1,498.21	1,100.85	397.36	3.770		
13,200.00	7,246.55	7,256.55	7,256.55	176.67	251.60	89.93	278.59	-5,575.81	1,446.01	1,041.12	404.89	3.571		
13,300.00	7,246.76	7,256.76	7,256.76	179.47	251.61	89.94	278.59	-5,575.81	1,399.03	986.60	412.43	3.392		
13,400.00	7,246.97	7,256.97	7,256.97	182.27	251.62	89.95	278.59	-5,575.81	1,357.80	937.98	419.83	3.234		
13,500.00	7,247.19	7,257.19	7,257.19	185.07	251.62	89.96	278.59	-5,575.81	1,322.86	895.97	426.89	3.099		
13,600.00	7,247.40	7,257.40	7,257.40	187.87	251.63	89.97	278.59	-5,575.81	1,294.72	861.29	433.43	2.987		
13,700.00	7,247.61	7,257.61	7,257.61	190.68	251.64	89.98	278.59	-5,575.81	1,273.82	834.59	439.23	2.900		
13,800.00	7,247.83	7,257.83	7,257.83	193.48	251.65	89.99	278.59	-5,575.81	1,260.54	816.44	444.10	2.838		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - Montero #10-43(SI) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.04	7,258.04	7,258.04	196.29	251.65	90.00	278.59	-5,575.81	1,255.11	807.22	447.88	2.802		
13,918.33	7,248.08	7,258.08	7,258.08	196.80	251.66	90.00	278.59	-5,575.81	1,254.97	806.52	448.45	2.798 CC, ES		
14,000.00	7,248.25	7,258.25	7,258.25	199.10	251.66	90.01	278.59	-5,575.81	1,257.63	807.15	450.47	2.792 SF		
14,100.00	7,248.46	7,258.46	7,258.46	201.91	251.67	90.02	278.59	-5,575.81	1,268.05	816.22	451.84	2.806		
14,200.00	7,248.68	7,258.68	7,258.68	204.72	251.68	90.03	278.59	-5,575.81	1,286.19	834.19	452.01	2.846		
14,300.00	7,248.89	7,258.89	7,258.89	207.53	251.68	90.04	278.59	-5,575.81	1,311.73	860.65	451.08	2.908		
14,400.00	7,249.10	7,259.10	7,259.10	210.35	251.69	90.05	278.59	-5,575.81	1,344.23	895.04	449.19	2.993		
14,500.00	7,249.32	7,259.32	7,259.32	213.16	251.70	90.06	278.59	-5,575.81	1,383.22	936.71	446.51	3.098		
14,600.00	7,249.53	7,259.53	7,259.53	215.98	251.71	90.07	278.59	-5,575.81	1,428.15	984.95	443.20	3.222		
14,700.00	7,249.74	7,259.74	7,259.74	218.80	251.71	90.08	278.59	-5,575.81	1,478.50	1,039.06	439.44	3.365		
14,800.00	7,249.96	7,259.96	7,259.96	221.62	251.72	90.09	278.59	-5,575.81	1,533.72	1,098.36	435.36	3.523		
14,900.00	7,250.17	7,260.17	7,260.17	224.44	251.73	90.10	278.59	-5,575.81	1,593.31	1,162.21	431.10	3.696		
15,000.00	7,250.38	7,260.38	7,260.38	227.26	251.74	90.11	278.59	-5,575.81	1,656.79	1,230.04	426.75	3.882		
15,100.00	7,250.59	7,260.59	7,260.59	230.08	251.74	90.11	278.59	-5,575.81	1,723.74	1,301.33	422.41	4.081		
15,200.00	7,250.81	7,260.81	7,260.81	232.90	251.75	90.12	278.59	-5,575.81	1,793.77	1,375.65	418.12	4.290		
15,300.00	7,251.02	7,261.02	7,261.02	235.72	251.76	90.13	278.59	-5,575.81	1,866.54	1,452.59	413.94	4.509		
15,400.00	7,251.23	7,261.23	7,261.23	238.55	251.77	90.14	278.59	-5,575.81	1,941.72	1,531.83	409.90	4.737		
15,500.00	7,251.45	7,261.45	7,261.45	241.37	251.77	90.15	278.59	-5,575.81	2,019.06	1,613.06	406.00	4.973		
15,600.00	7,251.66	7,261.66	7,261.66	244.20	251.78	90.16	278.59	-5,575.81	2,098.32	1,696.05	402.28	5.216		
15,700.00	7,251.87	7,261.87	7,261.87	247.03	251.79	90.17	278.59	-5,575.81	2,179.28	1,780.57	398.72	5.466		
15,800.00	7,252.09	7,262.09	7,262.09	249.85	251.80	90.18	278.59	-5,575.81	2,261.77	1,866.44	395.34	5.721		
15,900.00	7,252.30	7,262.30	7,262.30	252.68	251.80	90.19	278.59	-5,575.81	2,345.62	1,953.50	392.12	5.982		
16,000.00	7,252.51	7,262.51	7,262.51	255.51	251.81	90.20	278.59	-5,575.81	2,430.69	2,041.62	389.07	6.247		
16,100.00	7,252.72	7,262.72	7,262.72	258.34	251.82	90.21	278.59	-5,575.81	2,516.86	2,130.68	386.19	6.517		
16,200.00	7,252.94	7,262.94	7,262.94	261.17	251.83	90.22	278.59	-5,575.81	2,604.02	2,220.57	383.45	6.791		
16,300.00	7,253.15	7,263.15	7,263.15	264.00	251.83	90.23	278.59	-5,575.81	2,692.08	2,311.21	380.86	7.068		
16,400.00	7,253.36	7,263.36	7,263.36	266.83	251.84	90.24	278.59	-5,575.81	2,780.94	2,402.52	378.41	7.349		
16,500.00	7,253.58	7,263.58	7,263.58	269.66	251.85	90.25	278.59	-5,575.81	2,870.53	2,494.44	376.09	7.633		
16,600.00	7,253.79	7,263.79	7,263.79	272.50	251.86	90.26	278.59	-5,575.81	2,960.79	2,586.90	373.89	7.919		
16,700.00	7,254.00	7,264.00	7,264.00	275.33	251.86	90.27	278.59	-5,575.81	3,051.65	2,679.85	371.81	8.208		
16,800.00	7,254.22	7,264.22	7,264.22	278.16	251.87	90.28	278.59	-5,575.81	3,143.08	2,773.24	369.83	8.499		
16,900.00	7,254.43	7,264.43	7,264.43	281.00	251.88	90.29	278.59	-5,575.81	3,235.00	2,867.04	367.96	8.792		
17,000.00	7,254.64	7,264.64	7,264.64	283.83	251.88	90.30	278.59	-5,575.81	3,327.40	2,961.22	366.18	9.087		
17,100.00	7,254.85	7,264.85	7,264.85	286.67	251.89	90.31	278.59	-5,575.81	3,420.22	3,055.73	364.50	9.383		
17,200.00	7,255.07	7,265.07	7,265.07	289.50	251.90	90.32	278.59	-5,575.81	3,513.44	3,150.54	362.89	9.682		
17,300.00	7,255.28	7,265.28	7,265.28	292.34	251.91	90.33	278.59	-5,575.81	3,607.02	3,245.65	361.37	9.982		
17,400.00	7,255.49	7,265.49	7,265.49	295.17	251.91	90.34	278.59	-5,575.81	3,700.93	3,341.01	359.92	10.283		
17,500.00	7,255.71	7,265.71	7,265.71	298.01	251.92	90.35	278.59	-5,575.81	3,795.16	3,436.62	358.54	10.585		
17,600.00	7,255.92	7,265.92	7,265.92	300.85	251.93	90.36	278.59	-5,575.81	3,889.67	3,532.45	357.23	10.888		
17,700.00	7,256.13	7,266.13	7,266.13	303.68	251.94	90.37	278.59	-5,575.81	3,984.46	3,628.48	355.98	11.193		
17,800.00	7,256.35	7,266.35	7,266.35	306.52	251.94	90.38	278.59	-5,575.81	4,079.49	3,724.71	354.78	11.499		
17,900.00	7,256.56	7,266.56	7,266.56	309.36	251.95	90.39	278.59	-5,575.81	4,174.75	3,821.11	353.64	11.805		
18,000.00	7,256.77	7,266.77	7,266.77	312.20	251.96	90.40	278.59	-5,575.81	4,270.23	3,917.68	352.56	12.112		
18,100.00	7,256.98	7,266.98	7,266.98	315.04	251.97	90.41	278.59	-5,575.81	4,365.92	4,014.40	351.52	12.420		
18,200.00	7,257.20	7,267.20	7,267.20	317.88	251.97	90.42	278.59	-5,575.81	4,461.79	4,111.26	350.53	12.729		
18,300.00	7,257.41	7,267.41	7,267.41	320.72	251.98	90.43	278.59	-5,575.81	4,557.84	4,208.26	349.58	13.038		
18,400.00	7,257.62	7,267.62	7,267.62	323.56	251.99	90.44	278.59	-5,575.81	4,654.05	4,305.38	348.67	13.348		
18,500.00	7,257.84	7,267.84	7,267.84	326.40	252.00	90.45	278.59	-5,575.81	4,750.42	4,402.62	347.80	13.658		
18,600.00	7,258.05	7,268.05	7,268.05	329.24	252.00	90.46	278.59	-5,575.81	4,846.94	4,499.97	346.97	13.969		
18,700.00	7,258.26	7,268.26	7,268.26	332.08	252.01	90.47	278.59	-5,575.81	4,943.60	4,597.43	346.17	14.281		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - Montero #10-43(SI) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis		Distance								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
18,800.00	7,258.48	7,268.48	7,268.48	334.92	252.02	90.47	278.59	-5,575.81	5,040.39	4,694.98	345.41	14.593		
18,900.00	7,258.69	7,268.69	7,268.69	337.76	252.03	90.48	278.59	-5,575.81	5,137.30	4,792.62	344.68	14.905		
19,000.00	7,258.90	7,268.90	7,268.90	340.60	252.03	90.49	278.59	-5,575.81	5,234.33	4,890.35	343.97	15.217		
19,046.19	7,259.00	7,269.00	7,269.00	341.92	252.04	90.50	278.59	-5,575.81	5,279.18	4,935.52	343.66	15.362		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - MONTERA I #11-11(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	16.00	16.00	3.28	3.29	-88.16	103.67	-3,231.21	3,232.87					
100.00	100.00	116.00	116.00	3.28	4.01	-88.16	103.67	-3,231.21	3,232.87	3,225.58	7.29	443.280		
200.00	200.00	216.00	216.00	3.34	6.66	-88.16	103.67	-3,231.21	3,232.87	3,222.88	10.00	323.418		
300.00	300.00	316.00	316.00	3.44	9.85	-88.16	103.67	-3,231.21	3,232.87	3,219.58	13.29	243.197		
400.00	399.98	415.98	415.98	3.60	13.19	146.84	103.67	-3,231.21	3,234.33	3,217.54	16.79	192.657		
500.00	499.84	515.84	515.84	3.79	16.59	146.84	103.67	-3,231.21	3,238.72	3,218.33	20.38	158.907		
600.00	599.45	615.45	615.45	4.03	20.01	146.85	103.67	-3,231.21	3,246.02	3,221.98	24.04	135.039		
700.00	698.70	714.70	714.70	4.30	23.44	146.85	103.67	-3,231.21	3,256.25	3,228.51	27.73	117.407		
800.00	797.47	813.47	813.47	4.61	26.85	146.85	103.67	-3,231.21	3,269.39	3,237.93	31.46	103.931		
900.00	895.62	911.62	911.62	4.95	30.26	146.86	103.67	-3,231.21	3,285.46	3,250.26	35.19	93.351		
1,000.00	993.06	1,009.06	1,009.06	5.33	33.64	146.86	103.67	-3,231.21	3,304.44	3,265.50	38.94	84.865		
1,100.00	1,090.08	1,106.08	1,106.08	5.74	37.01	147.08	103.67	-3,231.21	3,324.90	3,282.21	42.69	77.889		
1,200.00	1,187.11	1,203.11	1,203.11	6.17	40.39	147.31	103.67	-3,231.21	3,345.41	3,298.95	46.45	72.016		
1,300.00	1,284.14	1,300.14	1,300.14	6.61	43.77	147.53	103.67	-3,231.21	3,365.97	3,315.73	50.24	67.003		
1,400.00	1,381.17	1,402.83	1,397.17	7.07	47.34	147.75	103.67	-3,231.21	3,386.58	3,332.35	54.23	62.450		
1,500.00	1,478.20	1,505.80	1,494.20	7.55	50.93	147.96	103.67	-3,231.21	3,407.23	3,348.99	58.24	58.501		
1,600.00	1,575.23	1,608.77	1,591.23	8.03	54.52	148.17	103.67	-3,231.21	3,427.93	3,365.67	62.27	55.054		
1,700.00	1,672.26	1,688.26	1,688.26	8.52	57.29	148.38	103.67	-3,231.21	3,448.68	3,383.20	65.48	52.670		
1,800.00	1,769.29	1,785.29	1,785.29	9.01	60.67	148.59	103.67	-3,231.21	3,469.47	3,400.17	69.31	50.060		
1,900.00	1,866.32	1,882.32	1,882.32	9.51	64.05	148.80	103.67	-3,231.21	3,490.31	3,417.17	73.14	47.720		
2,000.00	1,963.35	1,979.35	1,979.35	10.02	67.43	149.00	103.67	-3,231.21	3,511.19	3,434.21	76.98	45.612		
2,100.00	2,060.38	2,076.38	2,076.38	10.53	70.82	149.20	103.67	-3,231.21	3,532.11	3,451.29	80.82	43.702		
2,200.00	2,157.41	2,173.41	2,173.41	11.04	74.20	149.40	103.67	-3,231.21	3,553.07	3,468.40	84.67	41.965		
2,300.00	2,254.44	2,270.44	2,270.44	11.56	77.59	149.60	103.67	-3,231.21	3,574.07	3,485.56	88.52	40.378		
2,400.00	2,351.47	2,367.47	2,367.47	12.07	80.97	149.79	103.67	-3,231.21	3,595.12	3,502.75	92.37	38.922		
2,500.00	2,448.50	2,464.50	2,464.50	12.59	84.35	149.98	103.67	-3,231.21	3,616.20	3,519.98	96.22	37.583		
2,600.00	2,545.53	2,561.53	2,561.53	13.12	87.74	150.17	103.67	-3,231.21	3,637.32	3,537.25	100.07	36.346		
2,700.00	2,642.56	2,658.56	2,658.56	13.64	91.12	150.36	103.67	-3,231.21	3,658.48	3,554.55	103.93	35.201		
2,800.00	2,739.59	2,755.59	2,755.59	14.17	94.51	150.54	103.67	-3,231.21	3,679.68	3,571.89	107.79	34.138		
2,900.00	2,836.62	2,852.62	2,852.62	14.69	97.89	150.72	103.67	-3,231.21	3,700.91	3,589.26	111.65	33.149		
3,000.00	2,933.65	2,949.65	2,949.65	15.22	101.28	150.91	103.67	-3,231.21	3,722.18	3,606.67	115.51	32.225		
3,100.00	3,030.68	3,046.68	3,046.68	15.75	104.67	151.08	103.67	-3,231.21	3,743.48	3,624.12	119.37	31.361		
3,200.00	3,127.71	3,143.71	3,143.71	16.28	108.05	151.26	103.67	-3,231.21	3,764.82	3,641.60	123.23	30.552		
3,300.00	3,224.74	3,240.74	3,240.74	16.82	111.44	151.44	103.67	-3,231.21	3,786.20	3,659.11	127.09	29.792		
3,400.00	3,321.76	3,337.76	3,337.76	17.35	114.82	151.61	103.67	-3,231.21	3,807.61	3,676.65	130.95	29.076		
3,500.00	3,418.79	3,434.79	3,434.79	17.88	118.21	151.78	103.67	-3,231.21	3,829.05	3,694.23	134.81	28.402		
3,600.00	3,515.82	3,531.82	3,531.82	18.42	121.59	151.95	103.67	-3,231.21	3,850.52	3,711.84	138.68	27.766		
3,700.00	3,612.85	3,628.85	3,628.85	18.95	124.98	152.12	103.67	-3,231.21	3,872.03	3,729.48	142.54	27.164		
3,800.00	3,709.88	3,725.88	3,725.88	19.49	128.37	152.28	103.67	-3,231.21	3,893.56	3,747.16	146.41	26.594		
3,900.00	3,806.91	3,822.91	3,822.91	20.02	131.75	152.45	103.67	-3,231.21	3,915.13	3,764.86	150.27	26.054		
4,000.00	3,903.94	3,919.94	3,919.94	20.56	135.14	152.61	103.67	-3,231.21	3,936.73	3,782.60	154.14	25.541		
4,100.00	4,000.97	4,016.97	4,016.97	21.09	138.53	152.77	103.67	-3,231.21	3,958.36	3,800.36	158.00	25.053		
4,200.00	4,098.00	4,114.00	4,114.00	21.63	141.91	152.93	103.67	-3,231.21	3,980.02	3,818.15	161.87	24.588		
4,300.00	4,195.03	4,211.03	4,211.03	22.17	145.30	153.08	103.67	-3,231.21	4,001.71	3,835.97	165.73	24.146		
4,400.00	4,292.06	4,308.06	4,308.06	22.71	148.69	153.24	103.67	-3,231.21	4,023.42	3,853.83	169.60	23.723		
4,500.00	4,389.09	4,405.09	4,405.09	23.25	152.07	153.39	103.67	-3,231.21	4,045.17	3,871.70	173.46	23.320		
4,600.00	4,486.12	4,502.12	4,502.12	23.78	155.46	153.54	103.67	-3,231.21	4,066.94	3,889.61	177.33	22.935		
4,700.00	4,583.15	4,600.85	4,599.15	24.32	158.90	153.69	103.67	-3,231.21	4,088.74	3,907.48	181.25	22.558		
4,800.00	4,680.18	4,703.82	4,696.18	24.86	162.50	153.84	103.67	-3,231.21	4,110.56	3,925.24	185.33	22.180		
4,900.00	4,777.21	4,806.79	4,793.21	25.40	166.09	153.99	103.67	-3,231.21	4,132.41	3,943.01	189.40	21.818		
5,000.00	4,874.24	4,909.76	4,890.24	25.94	169.69	154.13	103.67	-3,231.21	4,154.29	3,960.82	193.47	21.472		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - MONTERA I #11-11(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
5,100.00	4,971.27	4,987.27	4,987.27	26.48	172.39	154.28	103.67	-3,231.21	4,176.20	3,979.54	196.66	21.236		
5,200.00	5,068.30	5,084.30	5,084.30	27.02	175.78	154.42	103.67	-3,231.21	4,198.12	3,997.60	200.52	20.936		
5,300.00	5,165.33	5,181.33	5,181.33	27.56	179.17	154.56	103.67	-3,231.21	4,220.08	4,015.69	204.39	20.647		
5,400.00	5,262.36	5,278.36	5,278.36	28.10	182.55	154.70	103.67	-3,231.21	4,242.06	4,033.80	208.26	20.369		
5,500.00	5,359.39	5,375.39	5,375.39	28.64	185.94	154.84	103.67	-3,231.21	4,264.06	4,051.93	212.12	20.102		
5,600.00	5,456.42	5,472.42	5,472.42	29.18	189.33	154.98	103.67	-3,231.21	4,286.08	4,070.09	215.99	19.844		
5,700.00	5,553.45	5,569.45	5,569.45	29.72	192.71	155.11	103.67	-3,231.21	4,308.13	4,088.28	219.86	19.595		
5,800.00	5,650.47	5,666.47	5,666.47	30.27	196.10	155.25	103.67	-3,231.21	4,330.20	4,106.48	223.72	19.355		
5,900.00	5,747.50	5,763.50	5,763.50	30.81	199.49	155.38	103.67	-3,231.21	4,352.30	4,124.71	227.59	19.124		
6,000.00	5,844.53	5,860.53	5,860.53	31.35	202.87	155.51	103.67	-3,231.21	4,374.41	4,142.96	231.45	18.900		
6,100.00	5,941.56	5,957.56	5,957.56	31.89	206.26	155.64	103.67	-3,231.21	4,396.55	4,161.23	235.32	18.683		
6,200.00	6,038.59	6,054.59	6,054.59	32.43	209.65	155.77	103.67	-3,231.21	4,418.71	4,179.52	239.19	18.474		
6,300.00	6,135.62	6,151.62	6,151.62	32.97	213.03	155.90	103.67	-3,231.21	4,440.89	4,197.84	243.05	18.271		
6,400.00	6,232.65	6,248.65	6,248.65	33.51	216.42	156.02	103.67	-3,231.21	4,463.09	4,216.17	246.92	18.075		
6,500.00	6,329.68	6,345.68	6,345.68	34.06	219.81	156.15	103.67	-3,231.21	4,485.32	4,234.53	250.78	17.885		
6,600.00	6,426.71	6,442.71	6,442.71	34.60	223.19	156.27	103.67	-3,231.21	4,507.56	4,252.91	254.65	17.701		
6,655.36	6,480.43	6,503.57	6,496.43	34.90	225.32	156.34	103.67	-3,231.21	4,519.88	4,262.84	257.04	17.584		
6,700.00	6,524.01	6,540.01	6,540.01	35.13	226.59	144.04	103.67	-3,231.21	4,528.32	4,269.80	258.52	17.516		
6,750.00	6,573.29	6,589.29	6,589.29	35.36	228.31	121.48	103.67	-3,231.21	4,534.20	4,273.74	260.46	17.408		
6,800.00	6,622.76	6,638.76	6,638.76	35.56	230.04	91.18	103.67	-3,231.21	4,536.26	4,273.87	262.39	17.288		
6,850.00	6,672.13	6,688.13	6,688.13	35.73	231.76	65.92	103.67	-3,231.21	4,534.50	4,270.21	264.30	17.157		
6,900.00	6,721.08	6,737.08	6,737.08	35.88	233.47	50.66	103.67	-3,231.21	4,528.94	4,262.78	266.16	17.016		
6,950.00	6,769.31	6,785.31	6,785.31	36.03	235.15	41.87	103.67	-3,231.21	4,519.60	4,251.63	267.97	16.866		
7,000.00	6,816.53	6,832.53	6,832.53	36.18	236.80	36.59	103.67	-3,231.21	4,506.56	4,236.83	269.73	16.708		
7,050.00	6,862.44	6,878.44	6,878.44	36.34	238.40	33.31	103.67	-3,231.21	4,489.89	4,218.48	271.41	16.543		
7,100.00	6,906.77	6,922.77	6,922.77	36.50	239.95	31.27	103.67	-3,231.21	4,469.71	4,196.68	273.03	16.371		
7,150.00	6,949.23	6,965.23	6,965.23	36.68	241.43	30.09	103.67	-3,231.21	4,446.15	4,171.59	274.56	16.194		
7,200.00	6,989.58	7,005.58	7,005.58	36.87	242.84	29.56	103.67	-3,231.21	4,419.35	4,143.35	276.00	16.012		
7,250.00	7,027.55	7,043.55	7,043.55	37.09	244.17	29.58	103.67	-3,231.21	4,389.48	4,112.14	277.34	15.827		
7,300.00	7,062.91	7,078.91	7,078.91	37.32	245.40	30.10	103.67	-3,231.21	4,356.73	4,078.15	278.58	15.639		
7,350.00	7,095.45	7,111.45	7,111.45	37.59	246.54	31.14	103.67	-3,231.21	4,321.31	4,041.60	279.71	15.449		
7,400.00	7,124.97	7,140.97	7,140.97	37.88	247.57	32.75	103.67	-3,231.21	4,283.44	4,002.71	280.73	15.258		
7,450.00	7,151.28	7,167.28	7,167.28	38.21	248.49	35.05	103.67	-3,231.21	4,243.35	3,961.72	281.63	15.067		
7,500.00	7,174.22	7,209.78	7,190.22	38.58	249.97	38.20	103.67	-3,231.21	4,201.30	3,918.20	283.10	14.840		
7,550.00	7,193.65	7,209.65	7,209.65	38.98	249.97	42.48	103.67	-3,231.21	4,157.54	3,874.46	283.08	14.687		
7,600.00	7,209.45	7,225.45	7,225.45	39.43	250.52	48.29	103.67	-3,231.21	4,112.34	3,828.72	283.63	14.499		
7,650.00	7,221.52	7,237.52	7,237.52	39.91	250.94	56.17	103.67	-3,231.21	4,065.99	3,781.94	284.05	14.314		
7,700.00	7,229.79	7,245.79	7,245.79	40.42	251.23	66.71	103.67	-3,231.21	4,018.76	3,734.42	284.35	14.133		
7,750.00	7,234.21	7,250.21	7,250.21	40.97	251.38	80.18	103.67	-3,231.21	3,970.95	3,686.43	284.53	13.956		
7,780.56	7,235.00	7,251.00	7,251.00	41.32	251.41	89.57	103.67	-3,231.21	3,941.57	3,656.99	284.58	13.851		
7,800.00	7,235.04	7,251.04	7,251.04	41.54	251.41	89.57	103.67	-3,231.21	3,922.86	3,638.27	284.60	13.784		
7,900.00	7,235.26	7,251.26	7,251.26	42.82	251.42	89.58	103.67	-3,231.21	3,826.74	3,542.03	284.70	13.441		
8,000.00	7,235.47	7,251.47	7,251.47	44.25	251.43	89.59	103.67	-3,231.21	3,730.82	3,445.97	284.85	13.098		
8,100.00	7,235.68	7,251.68	7,251.68	45.82	251.43	89.60	103.67	-3,231.21	3,635.12	3,350.09	285.03	12.754		
8,200.00	7,235.90	7,251.90	7,251.90	47.52	251.44	89.61	103.67	-3,231.21	3,539.65	3,254.40	285.25	12.409		
8,300.00	7,236.11	7,252.11	7,252.11	49.34	251.45	89.63	103.67	-3,231.21	3,444.45	3,158.92	285.53	12.064		
8,400.00	7,236.32	7,252.32	7,252.32	51.25	251.45	89.64	103.67	-3,231.21	3,349.52	3,063.66	285.85	11.718		
8,500.00	7,236.54	7,252.54	7,252.54	53.26	251.46	89.65	103.67	-3,231.21	3,254.90	2,968.65	286.25	11.371		
8,600.00	7,236.75	7,252.75	7,252.75	55.34	251.47	89.66	103.67	-3,231.21	3,160.61	2,873.90	286.71	11.024		
8,700.00	7,236.96	7,252.96	7,252.96	57.50	251.48	89.67	103.67	-3,231.21	3,066.68	2,779.43	287.24	10.676		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - MONTERA I #11-11(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	7,253.17	7,253.17	59.71	251.48	89.68	103.67	-3,231.21	2,973.14	2,685.27	287.87	10.328		
8,900.00	7,237.39	7,253.39	7,253.39	61.98	251.49	89.69	103.67	-3,231.21	2,880.04	2,591.45	288.59	9.980		
9,000.00	7,237.60	7,253.60	7,253.60	64.29	251.50	89.71	103.67	-3,231.21	2,787.42	2,497.99	289.43	9.631		
9,100.00	7,237.81	7,253.81	7,253.81	66.65	251.51	89.72	103.67	-3,231.21	2,695.33	2,404.95	290.38	9.282		
9,200.00	7,238.03	7,254.03	7,254.03	69.05	251.51	89.73	103.67	-3,231.21	2,603.82	2,312.35	291.47	8.934		
9,300.00	7,238.24	7,254.24	7,254.24	71.48	251.52	89.74	103.67	-3,231.21	2,512.95	2,220.25	292.70	8.585		
9,400.00	7,238.45	7,254.45	7,254.45	73.95	251.53	89.75	103.67	-3,231.21	2,422.81	2,128.71	294.10	8.238		
9,500.00	7,238.67	7,254.67	7,254.67	76.44	251.54	89.76	103.67	-3,231.21	2,333.47	2,037.79	295.68	7.892		
9,600.00	7,238.88	7,254.88	7,254.88	78.96	251.54	89.77	103.67	-3,231.21	2,245.03	1,947.56	297.46	7.547		
9,700.00	7,239.09	7,255.09	7,255.09	81.50	251.55	89.79	103.67	-3,231.21	2,157.60	1,858.13	299.46	7.205		
9,800.00	7,239.30	7,255.30	7,255.30	84.06	251.56	89.80	103.67	-3,231.21	2,071.30	1,769.60	301.70	6.865		
9,900.00	7,239.52	7,255.52	7,255.52	86.64	251.57	89.81	103.67	-3,231.21	1,986.29	1,682.09	304.20	6.529		
10,000.00	7,239.73	7,255.73	7,255.73	89.23	251.57	89.82	103.67	-3,231.21	1,902.74	1,595.75	306.99	6.198		
10,100.00	7,239.94	7,255.94	7,255.94	91.85	251.58	89.83	103.67	-3,231.21	1,820.85	1,510.77	310.09	5.872		
10,200.00	7,240.16	7,256.16	7,256.16	94.47	251.59	89.84	103.67	-3,231.21	1,740.85	1,427.34	313.51	5.553		
10,300.00	7,240.37	7,256.37	7,256.37	97.11	251.60	89.85	103.67	-3,231.21	1,663.02	1,345.73	317.29	5.241		
10,400.00	7,240.58	7,256.58	7,256.58	99.76	251.60	89.87	103.67	-3,231.21	1,587.68	1,266.23	321.44	4.939		
10,500.00	7,240.80	7,256.80	7,256.80	102.43	251.61	89.88	103.67	-3,231.21	1,515.19	1,189.21	325.98	4.648		
10,600.00	7,241.01	7,257.01	7,257.01	105.10	251.62	89.89	103.67	-3,231.21	1,445.98	1,115.09	330.89	4.370		
10,700.00	7,241.22	7,257.22	7,257.22	107.79	251.63	89.90	103.67	-3,231.21	1,380.55	1,044.37	336.18	4.107		
10,800.00	7,241.43	7,257.43	7,257.43	110.48	251.63	89.91	103.67	-3,231.21	1,319.47	977.66	341.81	3.860		
10,900.00	7,241.65	7,257.65	7,257.65	113.18	251.64	89.92	103.67	-3,231.21	1,263.36	915.64	347.72	3.633		
11,000.00	7,241.86	7,257.86	7,257.86	115.89	251.65	89.93	103.67	-3,231.21	1,212.91	859.11	353.79	3.428		
11,100.00	7,242.07	7,258.07	7,258.07	118.60	251.66	89.95	103.67	-3,231.21	1,168.85	808.94	359.91	3.248		
11,200.00	7,242.29	7,258.29	7,258.29	121.32	251.66	89.96	103.67	-3,231.21	1,131.94	766.06	365.88	3.094		
11,300.00	7,242.50	7,258.50	7,258.50	124.05	251.67	89.97	103.67	-3,231.21	1,102.88	731.39	371.49	2.969		
11,400.00	7,242.71	7,258.71	7,258.71	126.78	251.68	89.98	103.67	-3,231.21	1,082.32	705.81	376.51	2.875		
11,500.00	7,242.93	7,258.93	7,258.93	129.52	251.69	89.99	103.67	-3,231.21	1,070.74	690.02	380.73	2.812		
11,574.65	7,243.09	7,259.09	7,259.09	131.57	251.69	90.00	103.67	-3,231.21	1,068.14	684.90	383.24	2.787 CC		
11,600.00	7,243.14	7,259.14	7,259.14	132.27	251.69	90.00	103.67	-3,231.21	1,068.44	684.48	383.96	2.783 ES, SF		
11,700.00	7,243.35	7,259.35	7,259.35	135.02	251.70	90.01	103.67	-3,231.21	1,075.47	689.36	386.11	2.785		
11,800.00	7,243.57	7,259.57	7,259.57	137.77	251.71	90.03	103.67	-3,231.21	1,091.65	704.49	387.16	2.820		
11,900.00	7,243.78	7,259.78	7,259.78	140.53	251.72	90.04	103.67	-3,231.21	1,116.59	729.41	387.18	2.884		
12,000.00	7,243.99	7,259.99	7,259.99	143.29	251.72	90.05	103.67	-3,231.21	1,149.71	763.42	386.29	2.976		
12,100.00	7,244.20	7,260.20	7,260.20	146.05	251.73	90.06	103.67	-3,231.21	1,190.34	805.68	384.66	3.094		
12,200.00	7,244.42	7,260.42	7,260.42	148.82	251.74	90.07	103.67	-3,231.21	1,237.73	855.25	382.48	3.236		
12,300.00	7,244.63	7,260.63	7,260.63	151.60	251.74	90.08	103.67	-3,231.21	1,291.14	911.24	379.91	3.399		
12,400.00	7,244.84	7,260.84	7,260.84	154.37	251.75	90.09	103.67	-3,231.21	1,349.86	972.78	377.08	3.580		
12,500.00	7,245.06	7,261.06	7,261.06	157.15	251.76	90.11	103.67	-3,231.21	1,413.22	1,039.09	374.13	3.777		
12,600.00	7,245.27	7,261.27	7,261.27	159.93	251.77	90.12	103.67	-3,231.21	1,480.63	1,109.49	371.14	3.989		
12,700.00	7,245.48	7,261.48	7,261.48	162.71	251.77	90.13	103.67	-3,231.21	1,551.56	1,183.38	368.17	4.214		
12,800.00	7,245.70	7,261.70	7,261.70	165.50	251.78	90.14	103.67	-3,231.21	1,625.54	1,260.26	365.28	4.450		
12,900.00	7,245.91	7,261.91	7,261.91	168.29	251.79	90.15	103.67	-3,231.21	1,702.19	1,339.70	362.50	4.696		
13,000.00	7,246.12	7,262.12	7,262.12	171.08	251.80	90.16	103.67	-3,231.21	1,781.16	1,421.32	359.84	4.950		
13,100.00	7,246.33	7,262.33	7,262.33	173.87	251.80	90.17	103.67	-3,231.21	1,862.15	1,504.84	357.31	5.212		
13,200.00	7,246.55	7,262.55	7,262.55	176.67	251.81	90.19	103.67	-3,231.21	1,944.91	1,589.99	354.91	5.480		
13,300.00	7,246.76	7,262.76	7,262.76	179.47	251.82	90.20	103.67	-3,231.21	2,029.22	1,676.56	352.66	5.754		
13,400.00	7,246.97	7,262.97	7,262.97	182.27	251.83	90.21	103.67	-3,231.21	2,114.90	1,764.36	350.54	6.033		
13,500.00	7,247.19	7,263.19	7,263.19	185.07	251.83	90.22	103.67	-3,231.21	2,201.79	1,853.24	348.54	6.317		
13,600.00	7,247.40	7,263.40	7,263.40	187.87	251.84	90.23	103.67	-3,231.21	2,289.75	1,943.07	346.67	6.605		
13,700.00	7,247.61	7,263.61	7,263.61	190.68	251.85	90.24	103.67	-3,231.21	2,378.66	2,033.74	344.92	6.896		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - MONTERA I #11-11(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.83	7,263.83	7,263.83	193.48	251.86	90.25	103.67	-3,231.21	2,468.42	2,125.15	343.27	7.191		
13,900.00	7,248.04	7,264.04	7,264.04	196.29	251.86	90.27	103.67	-3,231.21	2,558.93	2,217.21	341.72	7.488		
14,000.00	7,248.25	7,264.25	7,264.25	199.10	251.87	90.28	103.67	-3,231.21	2,650.13	2,309.87	340.27	7.788		
14,100.00	7,248.46	7,264.46	7,264.46	201.91	251.88	90.29	103.67	-3,231.21	2,741.95	2,403.05	338.90	8.091		
14,200.00	7,248.68	7,264.68	7,264.68	204.72	251.89	90.30	103.67	-3,231.21	2,834.32	2,496.70	337.62	8.395		
14,300.00	7,248.89	7,264.89	7,264.89	207.53	251.89	90.31	103.67	-3,231.21	2,927.19	2,590.77	336.41	8.701		
14,400.00	7,249.10	7,265.10	7,265.10	210.35	251.90	90.32	103.67	-3,231.21	3,020.51	2,685.24	335.27	9.009		
14,500.00	7,249.32	7,265.32	7,265.32	213.16	251.91	90.33	103.67	-3,231.21	3,114.25	2,780.05	334.20	9.318		
14,600.00	7,249.53	7,265.53	7,265.53	215.98	251.92	90.35	103.67	-3,231.21	3,208.37	2,875.17	333.19	9.629		
14,700.00	7,249.74	7,265.74	7,265.74	218.80	251.92	90.36	103.67	-3,231.21	3,302.83	2,970.59	332.24	9.941		
14,800.00	7,249.96	7,265.96	7,265.96	221.62	251.93	90.37	103.67	-3,231.21	3,397.61	3,066.27	331.34	10.254		
14,900.00	7,250.17	7,266.17	7,266.17	224.44	251.94	90.38	103.67	-3,231.21	3,492.68	3,162.19	330.49	10.568		
15,000.00	7,250.38	7,266.38	7,266.38	227.26	251.95	90.39	103.67	-3,231.21	3,588.02	3,258.33	329.69	10.883		
15,100.00	7,250.59	7,266.59	7,266.59	230.08	251.95	90.40	103.67	-3,231.21	3,683.61	3,354.68	328.93	11.199		
15,200.00	7,250.81	7,266.81	7,266.81	232.90	251.96	90.41	103.67	-3,231.21	3,779.42	3,451.21	328.21	11.515		
15,300.00	7,251.02	7,267.02	7,267.02	235.72	251.97	90.43	103.67	-3,231.21	3,875.45	3,547.92	327.52	11.833		
15,400.00	7,251.23	7,267.23	7,267.23	238.55	251.98	90.44	103.67	-3,231.21	3,971.67	3,644.79	326.88	12.150		
15,500.00	7,251.45	7,267.45	7,267.45	241.37	251.98	90.45	103.67	-3,231.21	4,068.07	3,741.81	326.26	12.469		
15,600.00	7,251.66	7,267.66	7,267.66	244.20	251.99	90.46	103.67	-3,231.21	4,164.65	3,838.97	325.68	12.788		
15,700.00	7,251.87	7,267.87	7,267.87	247.03	252.00	90.47	103.67	-3,231.21	4,261.38	3,936.25	325.12	13.107		
15,800.00	7,252.09	7,268.09	7,268.09	249.85	252.01	90.48	103.67	-3,231.21	4,358.26	4,033.66	324.60	13.427		
15,900.00	7,252.30	7,268.30	7,268.30	252.68	252.01	90.49	103.67	-3,231.21	4,455.28	4,131.18	324.10	13.747		
16,000.00	7,252.51	7,268.51	7,268.51	255.51	252.02	90.51	103.67	-3,231.21	4,552.42	4,228.80	323.62	14.067		
16,100.00	7,252.72	7,268.72	7,268.72	258.34	252.03	90.52	103.67	-3,231.21	4,649.69	4,326.52	323.17	14.388		
16,200.00	7,252.94	7,268.94	7,268.94	261.17	252.03	90.53	103.67	-3,231.21	4,747.07	4,424.34	322.73	14.709		
16,300.00	7,253.15	7,269.15	7,269.15	264.00	252.04	90.54	103.67	-3,231.21	4,844.56	4,522.24	322.32	15.030		
16,400.00	7,253.36	7,269.36	7,269.36	266.83	252.05	90.55	103.67	-3,231.21	4,942.15	4,620.22	321.93	15.352		
16,500.00	7,253.58	7,269.58	7,269.58	269.66	252.06	90.56	103.67	-3,231.21	5,039.83	4,718.27	321.56	15.673		
16,600.00	7,253.79	7,269.79	7,269.79	272.50	252.06	90.57	103.67	-3,231.21	5,137.60	4,816.40	321.20	15.995		
16,700.00	7,254.00	7,270.00	7,270.00	275.33	252.07	90.59	103.67	-3,231.21	5,235.46	4,914.60	320.86	16.317		
16,800.00	7,254.22	7,270.22	7,270.22	278.16	252.08	90.60	103.67	-3,231.21	5,333.39	5,012.86	320.53	16.639		
16,900.00	7,254.43	7,270.43	7,270.43	281.00	252.09	90.61	103.67	-3,231.21	5,431.40	5,111.18	320.23	16.961		
17,000.00	7,254.64	7,270.64	7,270.64	283.83	252.09	90.62	103.67	-3,231.21	5,529.48	5,209.55	319.93	17.283		
17,100.00	7,254.85	7,270.85	7,270.85	286.67	252.10	90.63	103.67	-3,231.21	5,627.63	5,307.99	319.65	17.606		
17,200.00	7,255.07	7,271.07	7,271.07	289.50	252.11	90.64	103.67	-3,231.21	5,725.85	5,406.47	319.38	17.928		
17,300.00	7,255.28	7,271.28	7,271.28	292.34	252.12	90.65	103.67	-3,231.21	5,824.12	5,505.00	319.12	18.250		
17,400.00	7,255.49	7,271.49	7,271.49	295.17	252.12	90.67	103.67	-3,231.21	5,922.45	5,603.58	318.88	18.573		
17,500.00	7,255.71	7,271.71	7,271.71	298.01	252.13	90.68	103.67	-3,231.21	6,020.84	5,702.20	318.64	18.895		
17,600.00	7,255.92	7,271.92	7,271.92	300.85	252.14	90.69	103.67	-3,231.21	6,119.28	5,800.86	318.42	19.218		
17,700.00	7,256.13	7,272.13	7,272.13	303.68	252.15	90.70	103.67	-3,231.21	6,217.77	5,899.56	318.21	19.540		
17,800.00	7,256.35	7,272.35	7,272.35	306.52	252.15	90.71	103.67	-3,231.21	6,316.31	5,998.30	318.00	19.862		
17,900.00	7,256.56	7,272.56	7,272.56	309.36	252.16	90.72	103.67	-3,231.21	6,414.89	6,097.08	317.81	20.185		
18,000.00	7,256.77	7,272.77	7,272.77	312.20	252.17	90.73	103.67	-3,231.21	6,513.51	6,195.89	317.62	20.507		
18,100.00	7,256.98	7,272.98	7,272.98	315.04	252.18	90.75	103.67	-3,231.21	6,612.18	6,294.73	317.45	20.829		
18,200.00	7,257.20	7,273.20	7,273.20	317.88	252.18	90.76	103.67	-3,231.21	6,710.88	6,393.61	317.28	21.151		
18,300.00	7,257.41	7,273.41	7,273.41	320.72	252.19	90.77	103.67	-3,231.21	6,809.63	6,492.51	317.12	21.473		
18,400.00	7,257.62	7,273.62	7,273.62	323.56	252.20	90.78	103.67	-3,231.21	6,908.41	6,591.44	316.97	21.795		
18,500.00	7,257.84	7,273.84	7,273.84	326.40	252.21	90.79	103.67	-3,231.21	7,007.22	6,690.40	316.82	22.117		
18,600.00	7,258.05	7,274.05	7,274.05	329.24	252.21	90.80	103.67	-3,231.21	7,106.07	6,789.39	316.68	22.439		
18,700.00	7,258.26	7,274.26	7,274.26	332.08	252.22	90.81	103.67	-3,231.21	7,204.95	6,888.40	316.55	22.761		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - MONTERA I #11-11(PR) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>		<b>Distance</b>								
<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Reference (ft)</b>	<b>Offset (ft)</b>	<b>Highside Toolface (")</b>	<b>Offset Wellbore Centre +N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Between Centres (ft)</b>	<b>Between Ellipses (ft)</b>	<b>Minimum Separation (ft)</b>	<b>Separation Factor</b>	<b>Warning</b>	
18,800.00	7,258.48	7,274.48	7,274.48	334.92	252.23	90.83	103.67	-3,231.21	7,303.86	6,987.43	316.42	23.082		
18,900.00	7,258.69	7,274.69	7,274.69	337.76	252.24	90.84	103.67	-3,231.21	7,402.80	7,086.49	316.31	23.404		
19,000.00	7,258.90	7,274.90	7,274.90	340.60	252.24	90.85	103.67	-3,231.21	7,501.77	7,185.57	316.19	23.725		
19,046.19	7,259.00	7,275.00	7,275.00	341.92	252.25	90.85	103.67	-3,231.21	7,547.48	7,231.34	316.14	23.874		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - MONTERA I #11-14(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	2.00	-2.00	3.28	3.28	-110.16	-1,073.44	-2,923.50	3,114.34					
100.00	100.00	102.00	98.00	3.28	3.75	-110.16	-1,073.44	-2,923.50	3,114.34	3,107.30	7.03	442.784		
200.00	200.00	202.00	198.00	3.34	6.24	-110.16	-1,073.44	-2,923.50	3,114.34	3,104.76	9.58	325.248		
300.00	300.00	302.00	298.00	3.44	9.39	-110.16	-1,073.44	-2,923.50	3,114.34	3,101.50	12.83	242.667		
400.00	399.98	402.02	397.98	3.60	12.72	124.85	-1,073.44	-2,923.50	3,115.33	3,099.02	16.32	190.932		
500.00	499.84	502.16	497.84	3.79	16.12	124.88	-1,073.44	-2,923.50	3,118.33	3,098.42	19.91	156.601		
600.00	599.45	602.55	597.45	4.03	19.57	124.93	-1,073.44	-2,923.50	3,123.33	3,099.74	23.59	132.390		
700.00	698.70	703.30	696.70	4.30	23.04	124.99	-1,073.44	-2,923.50	3,130.35	3,103.01	27.34	114.498		
800.00	797.47	804.53	795.47	4.61	26.54	125.08	-1,073.44	-2,923.50	3,139.40	3,108.25	31.15	100.783		
900.00	895.62	906.38	893.62	4.95	30.08	125.17	-1,073.44	-2,923.50	3,150.52	3,115.50	35.02	89.961		
1,000.00	993.06	1,008.94	991.06	5.33	33.64	125.28	-1,073.44	-2,923.50	3,163.72	3,124.77	38.95	81.218		
1,100.00	1,090.08	1,088.08	1,088.08	5.74	36.39	125.63	-1,073.44	-2,923.50	3,178.03	3,135.94	42.10	75.490		
1,200.00	1,187.11	1,185.11	1,185.11	6.17	39.76	125.98	-1,073.44	-2,923.50	3,192.47	3,146.58	45.89	69.575		
1,300.00	1,284.14	1,282.14	1,282.14	6.61	43.14	126.32	-1,073.44	-2,923.50	3,207.02	3,157.33	49.69	64.541		
1,400.00	1,381.17	1,379.17	1,379.17	7.07	46.52	126.66	-1,073.44	-2,923.50	3,221.69	3,168.18	53.51	60.210		
1,500.00	1,478.20	1,476.20	1,476.20	7.55	49.90	127.00	-1,073.44	-2,923.50	3,236.47	3,179.13	57.34	56.446		
1,600.00	1,575.23	1,573.23	1,573.23	8.03	53.28	127.33	-1,073.44	-2,923.50	3,251.37	3,190.19	61.18	53.147		
1,700.00	1,672.26	1,670.26	1,670.26	8.52	56.66	127.66	-1,073.44	-2,923.50	3,266.37	3,201.35	65.02	50.234		
1,800.00	1,769.29	1,767.29	1,767.29	9.01	60.04	127.99	-1,073.44	-2,923.50	3,281.49	3,212.61	68.88	47.644		
1,900.00	1,866.32	1,864.32	1,864.32	9.51	63.42	128.32	-1,073.44	-2,923.50	3,296.71	3,223.98	72.73	45.326		
2,000.00	1,963.35	1,961.35	1,961.35	10.02	66.81	128.64	-1,073.44	-2,923.50	3,312.04	3,235.45	76.60	43.241		
2,100.00	2,060.38	2,058.38	2,058.38	10.53	70.19	128.96	-1,073.44	-2,923.50	3,327.48	3,247.02	80.46	41.355		
2,200.00	2,157.41	2,155.41	2,155.41	11.04	73.57	129.28	-1,073.44	-2,923.50	3,343.02	3,258.69	84.33	39.642		
2,300.00	2,254.44	2,252.44	2,252.44	11.56	76.96	129.59	-1,073.44	-2,923.50	3,358.66	3,270.46	88.20	38.079		
2,400.00	2,351.47	2,349.47	2,349.47	12.07	80.34	129.90	-1,073.44	-2,923.50	3,374.40	3,282.33	92.07	36.649		
2,500.00	2,448.50	2,446.50	2,446.50	12.59	83.73	130.21	-1,073.44	-2,923.50	3,390.25	3,294.30	95.95	35.334		
2,600.00	2,545.53	2,543.53	2,543.53	13.12	87.11	130.52	-1,073.44	-2,923.50	3,406.19	3,306.36	99.83	34.121		
2,700.00	2,642.56	2,640.56	2,640.56	13.64	90.50	130.82	-1,073.44	-2,923.50	3,422.22	3,318.52	103.70	33.000		
2,800.00	2,739.59	2,737.59	2,737.59	14.17	93.88	131.12	-1,073.44	-2,923.50	3,438.36	3,330.77	107.58	31.960		
2,900.00	2,836.62	2,834.62	2,834.62	14.69	97.27	131.42	-1,073.44	-2,923.50	3,454.58	3,343.12	111.46	30.993		
3,000.00	2,933.65	2,931.65	2,931.65	15.22	100.65	131.71	-1,073.44	-2,923.50	3,470.90	3,355.56	115.34	30.092		
3,100.00	3,030.68	3,028.68	3,028.68	15.75	104.04	132.00	-1,073.44	-2,923.50	3,487.32	3,368.09	119.22	29.250		
3,200.00	3,127.71	3,125.71	3,125.71	16.28	107.42	132.29	-1,073.44	-2,923.50	3,503.82	3,380.71	123.11	28.462		
3,300.00	3,224.74	3,222.74	3,222.74	16.82	110.81	132.58	-1,073.44	-2,923.50	3,520.41	3,393.42	126.99	27.722		
3,400.00	3,321.76	3,319.76	3,319.76	17.35	114.19	132.86	-1,073.44	-2,923.50	3,537.09	3,406.21	130.87	27.027		
3,500.00	3,418.79	3,416.79	3,416.79	17.88	117.58	133.14	-1,073.44	-2,923.50	3,553.85	3,419.10	134.75	26.373		
3,600.00	3,515.82	3,513.82	3,513.82	18.42	120.97	133.42	-1,073.44	-2,923.50	3,570.70	3,432.06	138.64	25.756		
3,700.00	3,612.85	3,610.85	3,610.85	18.95	124.35	133.70	-1,073.44	-2,923.50	3,587.63	3,445.11	142.52	25.173		
3,800.00	3,709.88	3,707.88	3,707.88	19.49	127.74	133.97	-1,073.44	-2,923.50	3,604.65	3,458.25	146.40	24.622		
3,900.00	3,806.91	3,804.91	3,804.91	20.02	131.13	134.24	-1,073.44	-2,923.50	3,621.75	3,471.46	150.28	24.099		
4,000.00	3,903.94	3,901.94	3,901.94	20.56	134.51	134.51	-1,073.44	-2,923.50	3,638.93	3,484.76	154.17	23.604		
4,100.00	4,000.97	4,001.03	3,998.97	21.09	137.97	134.78	-1,073.44	-2,923.50	3,656.18	3,498.06	158.12	23.123		
4,200.00	4,098.00	4,104.00	4,096.00	21.63	141.56	135.04	-1,073.44	-2,923.50	3,673.52	3,511.31	162.21	22.647		
4,300.00	4,195.03	4,206.97	4,193.03	22.17	145.16	135.30	-1,073.44	-2,923.50	3,690.93	3,524.63	166.30	22.194		
4,400.00	4,292.06	4,309.94	4,290.06	22.71	148.75	135.56	-1,073.44	-2,923.50	3,708.42	3,538.03	170.39	21.764		
4,500.00	4,389.09	4,387.09	4,387.09	23.25	151.44	135.82	-1,073.44	-2,923.50	3,725.99	3,552.41	173.58	21.466		
4,600.00	4,486.12	4,484.12	4,484.12	23.78	154.83	136.07	-1,073.44	-2,923.50	3,743.63	3,566.16	177.46	21.096		
4,700.00	4,583.15	4,581.15	4,581.15	24.32	158.22	136.33	-1,073.44	-2,923.50	3,761.34	3,579.99	181.34	20.742		
4,800.00	4,680.18	4,678.18	4,678.18	24.86	161.60	136.58	-1,073.44	-2,923.50	3,779.12	3,593.90	185.22	20.403		
4,900.00	4,777.21	4,775.21	4,775.21	25.40	164.99	136.82	-1,073.44	-2,923.50	3,796.97	3,607.87	189.11	20.079		
5,000.00	4,874.24	4,872.24	4,872.24	25.94	168.38	137.07	-1,073.44	-2,923.50	3,814.90	3,621.91	192.99	19.768		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - MONTERA I #11-14(PR) - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
5,100.00	4,971.27	4,969.27	4,969.27	26.48	171.76	137.31	-1,073.44	-2,923.50	3,832.89	3,636.02	196.87	19.469			
5,200.00	5,068.30	5,066.30	5,066.30	27.02	175.15	137.55	-1,073.44	-2,923.50	3,850.95	3,650.20	200.75	19.183			
5,300.00	5,165.33	5,163.33	5,163.33	27.56	178.54	137.79	-1,073.44	-2,923.50	3,869.08	3,664.45	204.63	18.908			
5,400.00	5,262.36	5,260.36	5,260.36	28.10	181.92	138.03	-1,073.44	-2,923.50	3,887.27	3,678.76	208.51	18.643			
5,500.00	5,359.39	5,357.39	5,357.39	28.64	185.31	138.26	-1,073.44	-2,923.50	3,905.53	3,693.14	212.39	18.389			
5,600.00	5,456.42	5,454.42	5,454.42	29.18	188.70	138.49	-1,073.44	-2,923.50	3,923.85	3,707.58	216.27	18.143			
5,700.00	5,553.45	5,551.45	5,551.45	29.72	192.08	138.72	-1,073.44	-2,923.50	3,942.24	3,722.09	220.15	17.907			
5,800.00	5,650.47	5,648.47	5,648.47	30.27	195.47	138.95	-1,073.44	-2,923.50	3,960.69	3,736.66	224.03	17.680			
5,900.00	5,747.50	5,745.50	5,745.50	30.81	198.86	139.18	-1,073.44	-2,923.50	3,979.20	3,751.29	227.91	17.460			
6,000.00	5,844.53	5,842.53	5,842.53	31.35	202.24	139.40	-1,073.44	-2,923.50	3,997.77	3,765.98	231.78	17.248			
6,100.00	5,941.56	5,939.56	5,939.56	31.89	205.63	139.62	-1,073.44	-2,923.50	4,016.40	3,780.74	235.66	17.043			
6,200.00	6,038.59	6,036.59	6,036.59	32.43	209.02	139.84	-1,073.44	-2,923.50	4,035.09	3,795.55	239.54	16.845			
6,300.00	6,135.62	6,133.62	6,133.62	32.97	212.41	140.06	-1,073.44	-2,923.50	4,053.84	3,810.42	243.42	16.654			
6,400.00	6,232.65	6,230.65	6,230.65	33.51	215.79	140.28	-1,073.44	-2,923.50	4,072.64	3,825.35	247.30	16.469			
6,500.00	6,329.68	6,327.68	6,327.68	34.06	219.18	140.49	-1,073.44	-2,923.50	4,091.50	3,840.33	251.17	16.290			
6,600.00	6,426.71	6,424.71	6,424.71	34.60	222.57	140.70	-1,073.44	-2,923.50	4,110.42	3,855.37	255.05	16.116			
6,655.36	6,480.43	6,478.43	6,478.43	34.90	224.44	140.82	-1,073.44	-2,923.50	4,120.92	3,863.72	257.20	16.023			
6,700.00	6,524.01	6,522.01	6,522.01	35.13	225.96	128.75	-1,073.44	-2,923.50	4,127.85	3,868.92	258.93	15.942			
6,750.00	6,573.29	6,571.29	6,571.29	35.36	227.68	106.36	-1,073.44	-2,923.50	4,131.95	3,871.08	260.87	15.839			
6,800.00	6,622.76	6,620.76	6,620.76	35.56	229.41	76.11	-1,073.44	-2,923.50	4,132.14	3,869.34	262.80	15.724			
6,850.00	6,672.13	6,670.13	6,670.13	35.73	231.13	50.79	-1,073.44	-2,923.50	4,128.43	3,863.73	264.70	15.597			
6,900.00	6,721.08	6,719.08	6,719.08	35.88	232.84	35.38	-1,073.44	-2,923.50	4,120.83	3,854.28	266.55	15.460			
6,950.00	6,769.31	6,767.31	6,767.31	36.03	234.52	26.33	-1,073.44	-2,923.50	4,109.40	3,841.04	268.36	15.313			
7,000.00	6,816.53	6,814.53	6,814.53	36.18	236.17	20.67	-1,073.44	-2,923.50	4,094.19	3,824.08	270.11	15.157			
7,050.00	6,862.44	6,860.44	6,860.44	36.34	237.78	16.88	-1,073.44	-2,923.50	4,075.31	3,803.51	271.80	14.994			
7,100.00	6,906.77	6,904.77	6,904.77	36.50	239.32	14.19	-1,073.44	-2,923.50	4,052.87	3,779.45	273.42	14.823			
7,150.00	6,949.23	6,947.23	6,947.23	36.68	240.81	12.18	-1,073.44	-2,923.50	4,027.00	3,752.04	274.95	14.646			
7,200.00	6,989.58	6,987.58	6,987.58	36.87	242.21	10.63	-1,073.44	-2,923.50	3,997.86	3,721.46	276.40	14.464			
7,250.00	7,027.55	7,025.55	7,025.55	37.09	243.54	9.38	-1,073.44	-2,923.50	3,965.63	3,687.88	277.75	14.278			
7,300.00	7,062.91	7,060.91	7,060.91	37.32	244.77	8.32	-1,073.44	-2,923.50	3,930.52	3,651.52	279.00	14.088			
7,350.00	7,095.45	7,106.55	7,093.45	37.59	246.37	7.40	-1,073.44	-2,923.50	3,892.72	3,612.13	280.60	13.873			
7,400.00	7,124.97	7,122.97	7,122.97	37.88	246.94	6.55	-1,073.44	-2,923.50	3,852.49	3,571.32	281.17	13.702			
7,450.00	7,151.28	7,149.28	7,149.28	38.21	247.86	5.71	-1,073.44	-2,923.50	3,810.05	3,527.97	282.08	13.507			
7,500.00	7,174.22	7,172.22	7,172.22	38.58	248.66	4.79	-1,073.44	-2,923.50	3,765.68	3,482.81	282.87	13.313			
7,550.00	7,193.65	7,208.35	7,191.65	38.98	249.92	3.68	-1,073.44	-2,923.50	3,719.64	3,435.53	284.11	13.092			
7,600.00	7,209.45	7,207.45	7,207.45	39.43	249.89	2.15	-1,073.44	-2,923.50	3,672.22	3,388.16	284.07	12.927			
7,650.00	7,221.52	7,219.52	7,219.52	39.91	250.31	-0.39	-1,073.44	-2,923.50	3,623.72	3,339.24	284.47	12.738			
7,700.00	7,229.79	7,227.79	7,227.79	40.42	250.60	-5.84	-1,073.44	-2,923.50	3,574.42	3,289.67	284.75	12.553			
7,750.00	7,234.21	7,232.21	7,232.21	40.97	250.75	-26.32	-1,073.44	-2,923.50	3,524.64	3,239.73	284.90	12.371			
7,780.56	7,235.00	7,233.00	7,233.00	41.32	250.78	-86.15	-1,073.44	-2,923.50	3,494.10	3,209.17	284.93	12.263			
7,800.00	7,235.04	7,233.04	7,233.04	41.54	250.78	-86.17	-1,073.44	-2,923.50	3,474.67	3,189.74	284.94	12.195			
7,900.00	7,235.26	7,233.26	7,233.26	42.82	250.79	-86.28	-1,073.44	-2,923.50	3,374.73	3,089.77	284.95	11.843			
8,000.00	7,235.47	7,233.47	7,233.47	44.25	250.80	-86.39	-1,073.44	-2,923.50	3,274.78	2,989.81	284.97	11.492			
8,100.00	7,235.68	7,233.68	7,233.68	45.82	250.80	-86.50	-1,073.44	-2,923.50	3,174.84	2,889.85	284.99	11.140			
8,200.00	7,235.90	7,233.90	7,233.90	47.52	250.81	-86.61	-1,073.44	-2,923.50	3,074.90	2,789.89	285.02	10.789			
8,300.00	7,236.11	7,234.11	7,234.11	49.34	250.82	-86.72	-1,073.44	-2,923.50	2,974.97	2,689.93	285.04	10.437			
8,400.00	7,236.32	7,234.32	7,234.32	51.25	250.83	-86.83	-1,073.44	-2,923.50	2,875.04	2,589.97	285.07	10.085			
8,500.00	7,236.54	7,234.54	7,234.54	53.26	250.83	-86.94	-1,073.44	-2,923.50	2,775.12	2,490.01	285.10	9.734			
8,600.00	7,236.75	7,234.75	7,234.75	55.34	250.84	-87.05	-1,073.44	-2,923.50	2,675.20	2,390.06	285.14	9.382			
8,700.00	7,236.96	7,234.96	7,234.96	57.50	250.85	-87.16	-1,073.44	-2,923.50	2,575.29	2,290.11	285.18	9.030			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - MONTERA I #11-14(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,800.00	7,237.17	7,235.17	7,235.17	59.71	250.86	-87.27	-1,073.44	-2,923.50	2,475.39	2,190.16	285.22	8.679		
8,900.00	7,237.39	7,235.39	7,235.39	61.98	250.86	-87.38	-1,073.44	-2,923.50	2,375.49	2,090.22	285.27	8.327		
9,000.00	7,237.60	7,235.60	7,235.60	64.29	250.87	-87.49	-1,073.44	-2,923.50	2,275.60	1,990.28	285.32	7.976		
9,100.00	7,237.81	7,235.81	7,235.81	66.65	250.88	-87.60	-1,073.44	-2,923.50	2,175.73	1,890.34	285.38	7.624		
9,200.00	7,238.03	7,236.03	7,236.03	69.05	250.89	-87.71	-1,073.44	-2,923.50	2,075.86	1,790.41	285.45	7.272		
9,300.00	7,238.24	7,236.24	7,236.24	71.48	250.89	-87.82	-1,073.44	-2,923.50	1,976.01	1,690.49	285.53	6.921		
9,400.00	7,238.45	7,236.45	7,236.45	73.95	250.90	-87.93	-1,073.44	-2,923.50	1,876.18	1,590.57	285.61	6.569		
9,500.00	7,238.67	7,236.67	7,236.67	76.44	250.91	-88.04	-1,073.44	-2,923.50	1,776.36	1,490.65	285.71	6.217		
9,600.00	7,238.88	7,236.88	7,236.88	78.96	250.92	-88.15	-1,073.44	-2,923.50	1,676.57	1,390.75	285.82	5.866		
9,700.00	7,239.09	7,237.09	7,237.09	81.50	250.92	-88.26	-1,073.44	-2,923.50	1,576.80	1,290.85	285.95	5.514		
9,800.00	7,239.30	7,237.30	7,237.30	84.06	250.93	-88.37	-1,073.44	-2,923.50	1,477.06	1,190.96	286.10	5.163		
9,900.00	7,239.52	7,237.52	7,237.52	86.64	250.94	-88.48	-1,073.44	-2,923.50	1,377.36	1,091.07	286.29	4.811		
10,000.00	7,239.73	7,237.73	7,237.73	89.23	250.95	-88.59	-1,073.44	-2,923.50	1,277.71	991.20	286.51	4.460		
10,100.00	7,239.94	7,237.94	7,237.94	91.85	250.95	-88.70	-1,073.44	-2,923.50	1,178.12	891.33	286.78	4.108		
10,200.00	7,240.16	7,238.16	7,238.16	94.47	250.96	-88.82	-1,073.44	-2,923.50	1,078.60	791.47	287.13	3.757		
10,300.00	7,240.37	7,238.37	7,238.37	97.11	250.97	-88.93	-1,073.44	-2,923.50	979.18	691.61	287.57	3.405		
10,400.00	7,240.58	7,238.58	7,238.58	99.76	250.98	-89.04	-1,073.44	-2,923.50	879.89	591.74	288.15	3.054		
10,500.00	7,240.80	7,238.80	7,238.80	102.43	250.98	-89.15	-1,073.44	-2,923.50	780.78	491.83	288.95	2.702		
10,600.00	7,241.01	7,239.01	7,239.01	105.10	250.99	-89.26	-1,073.44	-2,923.50	681.94	391.86	290.08	2.351		
10,700.00	7,241.22	7,239.22	7,239.22	107.79	251.00	-89.37	-1,073.44	-2,923.50	583.48	291.73	291.75	2.000		
10,800.00	7,241.43	7,239.43	7,239.43	110.48	251.01	-89.48	-1,073.44	-2,923.50	485.66	191.29	294.37	1.650		
10,900.00	7,241.65	7,239.65	7,239.65	113.18	251.01	-89.59	-1,073.44	-2,923.50	388.95	90.18	298.77	1.302 Level 3		
11,000.00	7,241.86	7,239.86	7,239.86	115.89	251.02	-89.70	-1,073.44	-2,923.50	294.45	-12.38	306.83	0.960 Level 1		
11,100.00	7,242.07	7,240.07	7,240.07	118.60	251.03	-89.81	-1,073.44	-2,923.50	205.22	-117.85	323.07	0.635 Level 1		
11,200.00	7,242.29	7,240.29	7,240.29	121.32	251.03	-89.92	-1,073.44	-2,923.50	132.41	-222.96	355.37	0.373 Level 1		
11,272.92	7,242.44	7,240.44	7,240.44	123.31	251.04	-90.00	-1,073.44	-2,923.50	110.52	-263.81	374.33	0.295 Level 1, CC, ES, SF		
11,300.00	7,242.50	7,240.50	7,240.50	124.05	251.04	-90.03	-1,073.44	-2,923.50	113.79	-257.42	371.21	0.307 Level 1		
11,400.00	7,242.71	7,240.71	7,240.71	126.78	251.05	-90.14	-1,073.44	-2,923.50	168.41	-168.08	336.49	0.501 Level 1		
11,500.00	7,242.93	7,240.93	7,240.93	129.52	251.06	-90.25	-1,073.44	-2,923.50	252.54	-61.28	313.82	0.805 Level 1		
11,600.00	7,243.14	7,241.14	7,241.14	132.27	251.06	-90.36	-1,073.44	-2,923.50	345.24	42.38	302.86	1.140 Level 2		
11,700.00	7,243.35	7,241.35	7,241.35	135.02	251.07	-90.47	-1,073.44	-2,923.50	441.14	144.01	297.13	1.485 Level 3		
11,800.00	7,243.57	7,241.57	7,241.57	137.77	251.08	-90.58	-1,073.44	-2,923.50	538.54	244.69	293.85	1.833		
11,900.00	7,243.78	7,241.78	7,241.78	140.53	251.09	-90.69	-1,073.44	-2,923.50	636.74	344.91	291.83	2.182		
12,000.00	7,243.99	7,241.99	7,241.99	143.29	251.09	-90.80	-1,073.44	-2,923.50	735.43	444.91	290.52	2.531		
12,100.00	7,244.20	7,242.20	7,242.20	146.05	251.10	-90.91	-1,073.44	-2,923.50	834.43	544.80	289.63	2.881		
12,200.00	7,244.42	7,242.42	7,242.42	148.82	251.11	-91.02	-1,073.44	-2,923.50	933.64	644.64	289.00	3.231		
12,300.00	7,244.63	7,242.63	7,242.63	151.60	251.12	-91.13	-1,073.44	-2,923.50	1,033.00	744.45	288.56	3.580		
12,400.00	7,244.84	7,242.84	7,242.84	154.37	251.12	-91.24	-1,073.44	-2,923.50	1,132.48	844.25	288.23	3.929		
12,500.00	7,245.06	7,243.06	7,243.06	157.15	251.13	-91.35	-1,073.44	-2,923.50	1,232.04	944.05	287.99	4.278		
12,600.00	7,245.27	7,243.27	7,243.27	159.93	251.14	-91.47	-1,073.44	-2,923.50	1,331.67	1,043.86	287.81	4.627		
12,700.00	7,245.48	7,243.48	7,243.48	162.71	251.15	-91.58	-1,073.44	-2,923.50	1,431.35	1,143.67	287.67	4.976		
12,800.00	7,245.70	7,243.70	7,243.70	165.50	251.15	-91.69	-1,073.44	-2,923.50	1,531.07	1,243.49	287.58	5.324		
12,900.00	7,245.91	7,243.91	7,243.91	168.29	251.16	-91.80	-1,073.44	-2,923.50	1,630.82	1,343.32	287.51	5.672		
13,000.00	7,246.12	7,244.12	7,244.12	171.08	251.17	-91.91	-1,073.44	-2,923.50	1,730.61	1,443.15	287.46	6.020		
13,100.00	7,246.33	7,244.33	7,244.33	173.87	251.18	-92.02	-1,073.44	-2,923.50	1,830.41	1,542.99	287.43	6.368		
13,200.00	7,246.55	7,244.55	7,244.55	176.67	251.18	-92.13	-1,073.44	-2,923.50	1,930.24	1,642.83	287.41	6.716		
13,300.00	7,246.76	7,244.76	7,244.76	179.47	251.19	-92.24	-1,073.44	-2,923.50	2,030.08	1,742.68	287.41	7.063		
13,400.00	7,246.97	7,244.97	7,244.97	182.27	251.20	-92.35	-1,073.44	-2,923.50	2,129.94	1,842.53	287.41	7.411		
13,500.00	7,247.19	7,245.19	7,245.19	185.07	251.21	-92.46	-1,073.44	-2,923.50	2,229.81	1,942.39	287.42	7.758		
13,600.00	7,247.40	7,245.40	7,245.40	187.87	251.21	-92.57	-1,073.44	-2,923.50	2,329.69	2,042.25	287.45	8.105		
13,700.00	7,247.61	7,245.61	7,245.61	190.68	251.22	-92.68	-1,073.44	-2,923.50	2,429.59	2,142.11	287.47	8.452		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - MONTERA I #11-14(PR) - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,800.00	7,247.83	7,245.83	7,245.83	193.48	251.23	-92.79	-1,073.44	-2,923.50	2,529.49	2,241.98	287.50	8.798			
13,900.00	7,248.04	7,246.04	7,246.04	196.29	251.24	-92.90	-1,073.44	-2,923.50	2,629.39	2,341.85	287.54	9.144			
14,000.00	7,248.25	7,246.25	7,246.25	199.10	251.24	-93.01	-1,073.44	-2,923.50	2,729.31	2,441.73	287.58	9.491			
14,100.00	7,248.46	7,246.46	7,246.46	201.91	251.25	-93.12	-1,073.44	-2,923.50	2,829.23	2,541.60	287.63	9.836			
14,200.00	7,248.68	7,246.68	7,246.68	204.72	251.26	-93.23	-1,073.44	-2,923.50	2,929.16	2,641.48	287.68	10.182			
14,300.00	7,248.89	7,246.89	7,246.89	207.53	251.27	-93.34	-1,073.44	-2,923.50	3,029.09	2,741.36	287.73	10.528			
14,400.00	7,249.10	7,247.10	7,247.10	210.35	251.27	-93.45	-1,073.44	-2,923.50	3,129.02	2,841.24	287.78	10.873			
14,500.00	7,249.32	7,247.32	7,247.32	213.16	251.28	-93.56	-1,073.44	-2,923.50	3,228.96	2,941.12	287.84	11.218			
14,600.00	7,249.53	7,247.53	7,247.53	215.98	251.29	-93.67	-1,073.44	-2,923.50	3,328.90	3,041.01	287.90	11.563			
14,700.00	7,249.74	7,247.74	7,247.74	218.80	251.30	-93.78	-1,073.44	-2,923.50	3,428.85	3,140.89	287.96	11.907			
14,800.00	7,249.96	7,247.96	7,247.96	221.62	251.30	-93.89	-1,073.44	-2,923.50	3,528.80	3,240.78	288.02	12.252			
14,900.00	7,250.17	7,248.17	7,248.17	224.44	251.31	-94.00	-1,073.44	-2,923.50	3,628.75	3,340.67	288.09	12.596			
15,000.00	7,250.38	7,248.38	7,248.38	227.26	251.32	-94.11	-1,073.44	-2,923.50	3,728.71	3,440.55	288.15	12.940			
15,100.00	7,250.59	7,248.59	7,248.59	230.08	251.32	-94.22	-1,073.44	-2,923.50	3,828.66	3,540.44	288.22	13.284			
15,200.00	7,250.81	7,248.81	7,248.81	232.90	251.33	-94.33	-1,073.44	-2,923.50	3,928.62	3,640.33	288.29	13.627			
15,300.00	7,251.02	7,249.02	7,249.02	235.72	251.34	-94.44	-1,073.44	-2,923.50	4,028.58	3,740.22	288.36	13.970			
15,400.00	7,251.23	7,249.23	7,249.23	238.55	251.35	-94.55	-1,073.44	-2,923.50	4,128.55	3,840.11	288.44	14.313			
15,500.00	7,251.45	7,249.45	7,249.45	241.37	251.35	-94.66	-1,073.44	-2,923.50	4,228.51	3,940.00	288.51	14.656			
15,600.00	7,251.66	7,249.66	7,249.66	244.20	251.36	-94.77	-1,073.44	-2,923.50	4,328.48	4,039.89	288.59	14.999			
15,700.00	7,251.87	7,249.87	7,249.87	247.03	251.37	-94.88	-1,073.44	-2,923.50	4,428.45	4,139.78	288.67	15.341			
15,800.00	7,252.09	7,250.09	7,250.09	249.85	251.38	-94.99	-1,073.44	-2,923.50	4,528.42	4,239.67	288.75	15.683			
15,900.00	7,252.30	7,250.30	7,250.30	252.68	251.38	-95.10	-1,073.44	-2,923.50	4,628.39	4,339.56	288.83	16.025			
16,000.00	7,252.51	7,250.51	7,250.51	255.51	251.39	-95.21	-1,073.44	-2,923.50	4,728.36	4,439.45	288.91	16.366			
16,100.00	7,252.72	7,250.72	7,250.72	258.34	251.40	-95.32	-1,073.44	-2,923.50	4,828.33	4,539.34	288.99	16.708			
16,200.00	7,252.94	7,250.94	7,250.94	261.17	251.41	-95.42	-1,073.44	-2,923.50	4,928.31	4,639.23	289.07	17.049			
16,300.00	7,253.15	7,251.15	7,251.15	264.00	251.41	-95.53	-1,073.44	-2,923.50	5,028.28	4,739.12	289.16	17.389			
16,400.00	7,253.36	7,251.36	7,251.36	266.83	251.42	-95.64	-1,073.44	-2,923.50	5,128.26	4,839.01	289.24	17.730			
16,500.00	7,253.58	7,251.58	7,251.58	269.66	251.43	-95.75	-1,073.44	-2,923.50	5,228.23	4,938.90	289.33	18.070			
16,600.00	7,253.79	7,251.79	7,251.79	272.50	251.44	-95.86	-1,073.44	-2,923.50	5,328.21	5,038.79	289.42	18.410			
16,700.00	7,254.00	7,252.00	7,252.00	275.33	251.44	-95.97	-1,073.44	-2,923.50	5,428.19	5,138.68	289.51	18.750			
16,800.00	7,254.22	7,252.22	7,252.22	278.16	251.45	-96.08	-1,073.44	-2,923.50	5,528.17	5,238.57	289.59	19.089			
16,900.00	7,254.43	7,252.43	7,252.43	281.00	251.46	-96.19	-1,073.44	-2,923.50	5,628.15	5,338.46	289.69	19.428			
17,000.00	7,254.64	7,252.64	7,252.64	283.83	251.47	-96.30	-1,073.44	-2,923.50	5,728.13	5,438.35	289.78	19.767			
17,100.00	7,254.85	7,252.85	7,252.85	286.67	251.47	-96.41	-1,073.44	-2,923.50	5,828.11	5,538.24	289.87	20.106			
17,200.00	7,255.07	7,253.07	7,253.07	289.50	251.48	-96.52	-1,073.44	-2,923.50	5,928.09	5,638.13	289.96	20.444			
17,300.00	7,255.28	7,253.28	7,253.28	292.34	251.49	-96.63	-1,073.44	-2,923.50	6,028.08	5,738.02	290.06	20.782			
17,400.00	7,255.49	7,253.49	7,253.49	295.17	251.50	-96.73	-1,073.44	-2,923.50	6,128.06	5,837.91	290.15	21.120			
17,500.00	7,255.71	7,253.71	7,253.71	298.01	251.50	-96.84	-1,073.44	-2,923.50	6,228.04	5,937.80	290.25	21.458			
17,600.00	7,255.92	7,253.92	7,253.92	300.85	251.51	-96.95	-1,073.44	-2,923.50	6,328.03	6,037.68	290.35	21.795			
17,700.00	7,256.13	7,254.13	7,254.13	303.68	251.52	-97.06	-1,073.44	-2,923.50	6,428.01	6,137.57	290.44	22.132			
17,800.00	7,256.35	7,254.35	7,254.35	306.52	251.53	-97.17	-1,073.44	-2,923.50	6,528.00	6,237.46	290.54	22.468			
17,900.00	7,256.56	7,254.56	7,254.56	309.36	251.53	-97.28	-1,073.44	-2,923.50	6,627.98	6,337.34	290.64	22.805			
18,000.00	7,256.77	7,254.77	7,254.77	312.20	251.54	-97.39	-1,073.44	-2,923.50	6,727.97	6,437.23	290.74	23.141			
18,100.00	7,256.98	7,254.98	7,254.98	315.04	251.55	-97.50	-1,073.44	-2,923.50	6,827.96	6,537.11	290.84	23.476			
18,200.00	7,257.20	7,255.20	7,255.20	317.88	251.56	-97.60	-1,073.44	-2,923.50	6,927.94	6,637.00	290.94	23.812			
18,300.00	7,257.41	7,255.41	7,255.41	320.72	251.56	-97.71	-1,073.44	-2,923.50	7,027.93	6,736.88	291.05	24.147			
18,400.00	7,257.62	7,255.62	7,255.62	323.56	251.57	-97.82	-1,073.44	-2,923.50	7,127.92	6,836.77	291.15	24.482			
18,500.00	7,257.84	7,255.84	7,255.84	326.40	251.58	-97.93	-1,073.44	-2,923.50	7,227.91	6,936.65	291.25	24.816			
18,600.00	7,258.05	7,256.05	7,256.05	329.24	251.59	-98.04	-1,073.44	-2,923.50	7,327.89	7,036.53	291.36	25.151			
18,700.00	7,258.26	7,256.26	7,256.26	332.08	251.59	-98.15	-1,073.44	-2,923.50	7,427.88	7,136.42	291.47	25.485			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - MONTERA I #11-14(PR) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>			<b>Distance</b>							
<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Reference (ft)</b>	<b>Offset (ft)</b>	<b>Highside Toolface (")</b>	<b>Offset Wellbore Centre +N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Between Centres (ft)</b>	<b>Between Ellipses (ft)</b>	<b>Minimum Separation (ft)</b>	<b>Separation Factor</b>	<b>Warning</b>	
18,800.00	7,258.48	7,256.48	7,256.48	334.92	251.60	-98.25	-1,073.44	-2,923.50	7,527.87	7,236.30	291.57	25.818		
18,900.00	7,258.69	7,256.69	7,256.69	337.76	251.61	-98.36	-1,073.44	-2,923.50	7,627.86	7,336.18	291.68	26.152		
19,000.00	7,258.90	7,256.90	7,256.90	340.60	251.61	-98.47	-1,073.44	-2,923.50	7,727.85	7,436.06	291.79	26.485		
19,046.19	7,259.00	7,257.00	7,257.00	341.92	251.62	-98.52	-1,073.44	-2,923.50	7,774.03	7,482.20	291.84	26.638		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - MONTERA I #14-8 - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-176.89	-3,953.81	-214.73	3,959.70					
100.00	100.00	78.00	78.00	3.28	3.55	-176.89	-3,953.81	-214.73	3,959.64	3,952.80	6.84	579.228		
200.00	200.00	178.00	178.00	3.34	5.54	-176.89	-3,953.81	-214.73	3,959.64	3,950.76	8.88	445.899		
300.00	300.00	278.00	278.00	3.44	8.61	-176.89	-3,953.81	-214.73	3,959.64	3,947.58	12.05	328.499		
400.00	399.98	377.98	377.98	3.60	11.91	58.15	-3,953.81	-214.73	3,958.71	3,943.21	15.51	255.273		
500.00	499.84	477.84	477.84	3.79	15.29	58.26	-3,953.81	-214.73	3,955.95	3,936.87	19.08	207.309		
600.00	599.45	577.45	577.45	4.03	18.70	58.44	-3,953.81	-214.73	3,951.37	3,928.64	22.73	173.848		
700.00	698.70	676.70	676.70	4.30	22.12	58.70	-3,953.81	-214.73	3,944.98	3,918.56	26.42	149.316		
800.00	797.47	775.47	775.47	4.61	25.54	59.03	-3,953.81	-214.73	3,936.82	3,906.67	30.14	130.614		
900.00	895.62	873.62	873.62	4.95	28.94	59.44	-3,953.81	-214.73	3,926.92	3,893.04	33.88	115.907		
1,000.00	993.06	971.06	971.06	5.33	32.32	59.92	-3,953.81	-214.73	3,915.34	3,877.71	37.63	104.049		
1,100.00	1,090.08	1,068.08	1,068.08	5.74	35.69	60.22	-3,953.81	-214.73	3,903.00	3,861.61	41.39	94.287		
1,200.00	1,187.11	1,165.11	1,165.11	6.17	39.07	60.52	-3,953.81	-214.73	3,890.77	3,845.59	45.18	86.115		
1,300.00	1,284.14	1,262.14	1,262.14	6.61	42.44	60.83	-3,953.81	-214.73	3,878.65	3,829.66	48.99	79.179		
1,400.00	1,381.17	1,359.17	1,359.17	7.07	45.82	61.13	-3,953.81	-214.73	3,866.64	3,813.83	52.81	73.223		
1,500.00	1,478.20	1,456.20	1,456.20	7.55	49.20	61.44	-3,953.81	-214.73	3,854.75	3,798.11	56.64	68.058		
1,600.00	1,575.23	1,553.23	1,553.23	8.03	52.58	61.75	-3,953.81	-214.73	3,842.97	3,782.49	60.48	63.539		
1,700.00	1,672.26	1,650.26	1,650.26	8.52	55.96	62.06	-3,953.81	-214.73	3,831.31	3,766.97	64.33	59.553		
1,800.00	1,769.29	1,747.29	1,747.29	9.01	59.34	62.38	-3,953.81	-214.73	3,819.76	3,751.57	68.19	56.013		
1,900.00	1,866.32	1,844.32	1,844.32	9.51	62.73	62.69	-3,953.81	-214.73	3,808.34	3,736.28	72.06	52.849		
2,000.00	1,963.35	1,941.35	1,941.35	10.02	66.11	63.01	-3,953.81	-214.73	3,797.03	3,721.10	75.93	50.005		
2,100.00	2,060.38	2,038.38	2,038.38	10.53	69.49	63.33	-3,953.81	-214.73	3,785.85	3,706.04	79.81	47.435		
2,200.00	2,157.41	2,135.41	2,135.41	11.04	72.88	63.65	-3,953.81	-214.73	3,774.79	3,691.09	83.69	45.103		
2,300.00	2,254.44	2,232.44	2,232.44	11.56	76.26	63.97	-3,953.81	-214.73	3,763.85	3,676.27	87.58	42.977		
2,400.00	2,351.47	2,329.47	2,329.47	12.07	79.64	64.29	-3,953.81	-214.73	3,753.03	3,661.56	91.47	41.031		
2,500.00	2,448.50	2,426.50	2,426.50	12.59	83.03	64.62	-3,953.81	-214.73	3,742.34	3,646.98	95.36	39.244		
2,600.00	2,545.53	2,523.53	2,523.53	13.12	86.41	64.94	-3,953.81	-214.73	3,731.78	3,632.52	99.26	37.598		
2,700.00	2,642.56	2,620.56	2,620.56	13.64	89.80	65.27	-3,953.81	-214.73	3,721.34	3,618.19	103.15	36.076		
2,800.00	2,739.59	2,717.59	2,717.59	14.17	93.18	65.61	-3,953.81	-214.73	3,711.03	3,603.98	107.05	34.665		
2,900.00	2,836.62	2,814.62	2,814.62	14.69	96.57	65.94	-3,953.81	-214.73	3,700.85	3,589.90	110.96	33.354		
3,000.00	2,933.65	2,911.65	2,911.65	15.22	99.95	66.27	-3,953.81	-214.73	3,690.81	3,575.95	114.86	32.133		
3,100.00	3,030.68	3,008.68	3,008.68	15.75	103.34	66.61	-3,953.81	-214.73	3,680.89	3,562.12	118.77	30.992		
3,200.00	3,127.71	3,105.71	3,105.71	16.28	106.73	66.95	-3,953.81	-214.73	3,671.11	3,548.43	122.68	29.925		
3,300.00	3,224.74	3,202.74	3,202.74	16.82	110.11	67.29	-3,953.81	-214.73	3,661.46	3,534.87	126.59	28.925		
3,400.00	3,321.76	3,300.24	3,299.76	17.35	113.51	67.63	-3,953.81	-214.73	3,651.94	3,521.42	130.51	27.981		
3,500.00	3,418.79	3,403.21	3,396.79	17.88	117.11	67.97	-3,953.81	-214.73	3,642.56	3,507.92	134.64	27.055		
3,600.00	3,515.82	3,506.18	3,493.82	18.42	120.70	68.31	-3,953.81	-214.73	3,633.32	3,494.56	138.76	26.185		
3,700.00	3,612.85	3,609.15	3,590.85	18.95	124.29	68.66	-3,953.81	-214.73	3,624.21	3,481.33	142.88	25.365		
3,800.00	3,709.88	3,687.88	3,687.88	19.49	127.04	69.01	-3,953.81	-214.73	3,615.25	3,469.09	146.16	24.735		
3,900.00	3,806.91	3,784.91	3,784.91	20.02	130.43	69.36	-3,953.81	-214.73	3,606.42	3,456.34	150.08	24.030		
4,000.00	3,903.94	3,881.94	3,881.94	20.56	133.81	69.71	-3,953.81	-214.73	3,597.73	3,443.74	154.00	23.362		
4,100.00	4,000.97	3,978.97	3,978.97	21.09	137.20	70.06	-3,953.81	-214.73	3,589.19	3,431.27	157.92	22.728		
4,200.00	4,098.00	4,076.00	4,076.00	21.63	140.59	70.42	-3,953.81	-214.73	3,580.79	3,418.95	161.84	22.125		
4,300.00	4,195.03	4,173.03	4,173.03	22.17	143.97	70.77	-3,953.81	-214.73	3,572.54	3,406.77	165.76	21.552		
4,400.00	4,292.06	4,270.06	4,270.06	22.71	147.36	71.13	-3,953.81	-214.73	3,564.43	3,394.74	169.69	21.006		
4,500.00	4,389.09	4,367.09	4,367.09	23.25	150.75	71.49	-3,953.81	-214.73	3,556.46	3,382.85	173.61	20.485		
4,600.00	4,486.12	4,464.12	4,464.12	23.78	154.13	71.85	-3,953.81	-214.73	3,548.64	3,371.10	177.54	19.988		
4,700.00	4,583.15	4,561.15	4,561.15	24.32	157.52	72.21	-3,953.81	-214.73	3,540.97	3,359.51	181.47	19.513		
4,800.00	4,680.18	4,658.18	4,658.18	24.86	160.91	72.57	-3,953.81	-214.73	3,533.45	3,348.06	185.39	19.059		
4,900.00	4,777.21	4,755.21	4,755.21	25.40	164.29	72.94	-3,953.81	-214.73	3,526.08	3,336.76	189.32	18.625		
5,000.00	4,874.24	4,852.24	4,852.24	25.94	167.68	73.31	-3,953.81	-214.73	3,518.86	3,325.61	193.25	18.209		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - MONTERA I #14-8 - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
5,100.00	4,971.27	4,949.27	4,949.27	26.48	171.07	73.67	-3,953.81	-214.73	3,511.79	3,314.61	197.18	17.810			
5,200.00	5,068.30	5,046.30	5,046.30	27.02	174.45	74.04	-3,953.81	-214.73	3,504.88	3,303.77	201.11	17.428			
5,300.00	5,165.33	5,143.33	5,143.33	27.56	177.84	74.41	-3,953.81	-214.73	3,498.12	3,293.07	205.04	17.060			
5,400.00	5,262.36	5,240.36	5,240.36	28.10	181.23	74.78	-3,953.81	-214.73	3,491.51	3,282.54	208.97	16.708			
5,500.00	5,359.39	5,337.39	5,337.39	28.64	184.61	75.16	-3,953.81	-214.73	3,485.06	3,272.15	212.91	16.369			
5,600.00	5,456.42	5,434.42	5,434.42	29.18	188.00	75.53	-3,953.81	-214.73	3,478.76	3,261.92	216.84	16.043			
5,700.00	5,553.45	5,531.45	5,531.45	29.72	191.39	75.91	-3,953.81	-214.73	3,472.62	3,251.85	220.77	15.729			
5,800.00	5,650.47	5,628.47	5,628.47	30.27	194.77	76.29	-3,953.81	-214.73	3,466.64	3,241.94	224.71	15.427			
5,900.00	5,747.50	5,725.50	5,725.50	30.81	198.16	76.66	-3,953.81	-214.73	3,460.82	3,232.18	228.64	15.136			
6,000.00	5,844.53	5,822.53	5,822.53	31.35	201.55	77.04	-3,953.81	-214.73	3,455.16	3,222.58	232.58	14.856			
6,100.00	5,941.56	5,919.56	5,919.56	31.89	204.93	77.42	-3,953.81	-214.73	3,449.66	3,213.14	236.51	14.585			
6,200.00	6,038.59	6,016.59	6,016.59	32.43	208.32	77.80	-3,953.81	-214.73	3,444.32	3,203.87	240.45	14.324			
6,300.00	6,135.62	6,113.62	6,113.62	32.97	211.71	78.19	-3,953.81	-214.73	3,439.14	3,194.75	244.39	14.072			
6,400.00	6,232.65	6,210.65	6,210.65	33.51	215.09	78.57	-3,953.81	-214.73	3,434.12	3,185.80	248.32	13.829			
6,500.00	6,329.68	6,307.68	6,307.68	34.06	218.48	78.96	-3,953.81	-214.73	3,429.27	3,177.01	252.26	13.594			
6,600.00	6,426.71	6,404.71	6,404.71	34.60	221.87	79.34	-3,953.81	-214.73	3,424.58	3,168.38	256.20	13.367			
6,655.36	6,480.43	6,458.43	6,458.43	34.90	223.74	79.56	-3,953.81	-214.73	3,422.06	3,163.68	258.38	13.244			
6,700.00	6,524.01	6,502.01	6,502.01	35.13	225.26	79.70	-3,953.81	-214.73	3,419.38	3,159.25	260.13	13.145			
6,750.00	6,573.29	6,551.29	6,551.29	35.36	226.98	80.00	-3,953.81	-214.73	3,414.80	3,152.72	262.08	13.029			
6,800.00	6,622.76	6,600.76	6,600.76	35.56	228.71	80.30	-3,953.81	-214.73	3,408.57	3,144.56	264.01	12.911			
6,850.00	6,672.13	6,650.13	6,650.13	35.73	230.43	80.60	-3,953.81	-214.73	3,400.70	3,134.80	265.90	12.789			
6,900.00	6,721.08	6,700.92	6,700.92	35.88	232.21	80.90	-3,953.81	-214.73	3,391.24	3,123.41	267.83	12.662			
6,950.00	6,769.31	6,747.31	6,747.31	36.03	233.83	81.20	-3,953.81	-214.73	3,380.28	3,110.67	269.61	12.538			
7,000.00	6,816.53	6,805.47	6,805.47	36.18	235.86	81.50	-3,953.81	-214.73	3,367.89	3,096.09	271.80	12.391			
7,050.00	6,862.44	6,840.44	6,840.44	36.34	237.08	81.80	-3,953.81	-214.73	3,354.18	3,080.99	273.19	12.278			
7,100.00	6,906.77	6,884.77	6,884.77	36.50	238.62	82.10	-3,953.81	-214.73	3,339.29	3,064.38	274.92	12.147			
7,150.00	6,949.23	6,927.23	6,927.23	36.68	240.11	82.40	-3,953.81	-214.73	3,323.36	3,046.77	276.59	12.015			
7,200.00	6,989.58	6,967.58	6,967.58	36.87	241.52	82.70	-3,953.81	-214.73	3,306.55	3,028.34	278.21	11.885			
7,250.00	7,027.55	7,005.55	7,005.55	37.09	242.84	83.00	-3,953.81	-214.73	3,289.04	3,009.27	279.77	11.756			
7,300.00	7,062.91	7,040.91	7,040.91	37.32	244.08	83.30	-3,953.81	-214.73	3,271.00	2,989.74	281.26	11.630			
7,350.00	7,095.45	7,073.45	7,073.45	37.59	245.21	83.60	-3,953.81	-214.73	3,252.63	2,969.96	282.68	11.507			
7,400.00	7,124.97	7,102.97	7,102.97	37.88	246.24	83.90	-3,953.81	-214.73	3,234.13	2,950.11	284.02	11.387			
7,450.00	7,151.28	7,129.28	7,129.28	38.21	247.16	84.20	-3,953.81	-214.73	3,215.70	2,930.41	285.29	11.272			
7,500.00	7,174.22	7,152.22	7,152.22	38.58	247.96	84.50	-3,953.81	-214.73	3,197.53	2,911.06	286.47	11.162			
7,550.00	7,193.65	7,171.65	7,171.65	38.98	248.64	84.80	-3,953.81	-214.73	3,179.81	2,892.24	287.57	11.058			
7,600.00	7,209.45	7,187.45	7,187.45	39.43	249.19	85.10	-3,953.81	-214.73	3,162.72	2,874.15	288.57	10.960			
7,650.00	7,221.52	7,200.48	7,200.48	39.91	249.65	85.40	-3,953.81	-214.73	3,146.45	2,856.93	289.52	10.868			
7,700.00	7,229.79	7,207.79	7,207.79	40.42	249.90	85.70	-3,953.81	-214.73	3,131.14	2,840.84	290.30	10.786			
7,750.00	7,234.21	7,212.21	7,212.21	40.97	250.05	86.00	-3,953.81	-214.73	3,116.94	2,825.93	291.01	10.711			
7,780.56	7,235.00	7,213.00	7,213.00	41.32	250.08	86.30	-3,953.81	-214.73	3,108.85	2,817.47	291.38	10.669			
7,800.00	7,235.04	7,213.04	7,213.04	41.54	250.08	86.60	-3,953.81	-214.73	3,103.92	2,812.30	291.61	10.644			
7,900.00	7,235.26	7,213.26	7,213.26	42.82	250.09	86.90	-3,953.81	-214.73	3,080.35	2,787.45	292.90	10.517			
8,000.00	7,235.47	7,213.47	7,213.47	44.25	250.10	87.20	-3,953.81	-214.73	3,059.87	2,765.53	294.33	10.396			
8,100.00	7,235.68	7,213.68	7,213.68	45.82	250.11	87.50	-3,953.81	-214.73	3,042.53	2,746.62	295.91	10.282			
8,200.00	7,235.90	7,213.90	7,213.90	47.52	250.11	87.80	-3,953.81	-214.73	3,028.41	2,730.80	297.61	10.176			
8,300.00	7,236.11	7,214.11	7,214.11	49.34	250.12	88.10	-3,953.81	-214.73	3,017.53	2,718.11	299.42	10.078			
8,400.00	7,236.32	7,214.32	7,214.32	51.25	250.13	88.40	-3,953.81	-214.73	3,009.94	2,708.63	301.30	9.990			
8,500.00	7,236.54	7,214.54	7,214.54	53.26	250.14	88.70	-3,953.81	-214.73	3,005.65	2,702.40	303.26	9.911			
8,578.82	7,236.70	7,214.70	7,214.70	54.90	250.14	89.00	-3,953.81	-214.73	3,004.62	2,699.78	304.84	9.856 CC			
8,600.00	7,236.75	7,214.75	7,214.75	55.34	250.14	89.30	-3,953.81	-214.73	3,004.70	2,699.43	305.26	9.843 ES			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - MONTERA I #14-8 - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,700.00	7,236.96	7,214.96	7,214.96	57.50	250.15	-90.00	-3,953.81	-214.73	3,007.06	2,699.77	307.29	9.786			
8,800.00	7,237.17	7,215.17	7,215.17	59.71	250.16	-90.01	-3,953.81	-214.73	3,012.75	2,703.41	309.34	9.739			
8,900.00	7,237.39	7,215.39	7,215.39	61.98	250.17	-90.01	-3,953.81	-214.73	3,021.74	2,710.35	311.39	9.704			
9,000.00	7,237.60	7,215.60	7,215.60	64.29	250.17	-90.02	-3,953.81	-214.73	3,034.00	2,720.57	313.42	9.680			
9,100.00	7,237.81	7,215.81	7,215.81	66.65	250.18	-90.02	-3,953.81	-214.73	3,049.49	2,734.06	315.43	9.668			
9,200.00	7,238.03	7,216.03	7,216.03	69.05	250.19	-90.03	-3,953.81	-214.73	3,068.16	2,750.76	317.40	9.667 SF			
9,300.00	7,238.24	7,216.24	7,216.24	71.48	250.20	-90.03	-3,953.81	-214.73	3,089.96	2,770.64	319.32	9.677			
9,400.00	7,238.45	7,216.45	7,216.45	73.95	250.20	-90.03	-3,953.81	-214.73	3,114.82	2,793.63	321.19	9.698			
9,500.00	7,238.67	7,216.67	7,216.67	76.44	250.21	-90.04	-3,953.81	-214.73	3,142.66	2,819.67	322.99	9.730			
9,600.00	7,238.88	7,216.88	7,216.88	78.96	250.22	-90.04	-3,953.81	-214.73	3,173.41	2,848.68	324.73	9.772			
9,700.00	7,239.09	7,217.09	7,217.09	81.50	250.23	-90.05	-3,953.81	-214.73	3,206.99	2,880.59	326.40	9.825			
9,800.00	7,239.30	7,217.30	7,217.30	84.06	250.23	-90.05	-3,953.81	-214.73	3,243.30	2,915.30	328.00	9.888			
9,900.00	7,239.52	7,217.52	7,217.52	86.64	250.24	-90.05	-3,953.81	-214.73	3,282.26	2,952.74	329.52	9.961			
10,000.00	7,239.73	7,217.73	7,217.73	89.23	250.25	-90.06	-3,953.81	-214.73	3,323.78	2,992.81	330.97	10.043			
10,100.00	7,239.94	7,217.94	7,217.94	91.85	250.25	-90.06	-3,953.81	-214.73	3,367.75	3,035.41	332.34	10.133			
10,200.00	7,240.16	7,218.16	7,218.16	94.47	250.26	-90.07	-3,953.81	-214.73	3,414.08	3,080.44	333.64	10.233			
10,300.00	7,240.37	7,218.37	7,218.37	97.11	250.27	-90.07	-3,953.81	-214.73	3,462.68	3,127.82	334.86	10.341			
10,400.00	7,240.58	7,218.58	7,218.58	99.76	250.28	-90.07	-3,953.81	-214.73	3,513.46	3,177.45	336.01	10.456			
10,500.00	7,240.80	7,218.80	7,218.80	102.43	250.28	-90.08	-3,953.81	-214.73	3,566.32	3,229.23	337.09	10.580			
10,600.00	7,241.01	7,219.01	7,219.01	105.10	250.29	-90.08	-3,953.81	-214.73	3,621.17	3,283.06	338.11	10.710			
10,700.00	7,241.22	7,219.22	7,219.22	107.79	250.30	-90.09	-3,953.81	-214.73	3,677.92	3,338.87	339.06	10.848			
10,800.00	7,241.43	7,219.43	7,219.43	110.48	250.31	-90.09	-3,953.81	-214.73	3,736.49	3,396.54	339.95	10.991			
10,900.00	7,241.65	7,219.65	7,219.65	113.18	250.31	-90.09	-3,953.81	-214.73	3,796.79	3,456.01	340.77	11.142			
11,000.00	7,241.86	7,219.86	7,219.86	115.89	250.32	-90.10	-3,953.81	-214.73	3,858.73	3,517.19	341.55	11.298			
11,100.00	7,242.07	7,220.07	7,220.07	118.60	250.33	-90.10	-3,953.81	-214.73	3,922.25	3,579.98	342.27	11.460			
11,200.00	7,242.29	7,220.29	7,220.29	121.32	250.34	-90.11	-3,953.81	-214.73	3,987.27	3,644.33	342.94	11.627			
11,300.00	7,242.50	7,220.50	7,220.50	124.05	250.34	-90.11	-3,953.81	-214.73	4,053.70	3,710.14	343.56	11.799			
11,400.00	7,242.71	7,220.71	7,220.71	126.78	250.35	-90.11	-3,953.81	-214.73	4,121.50	3,777.36	344.14	11.976			
11,500.00	7,242.93	7,220.93	7,220.93	129.52	250.36	-90.12	-3,953.81	-214.73	4,190.58	3,845.90	344.68	12.158			
11,600.00	7,243.14	7,221.14	7,221.14	132.27	250.37	-90.12	-3,953.81	-214.73	4,260.89	3,915.72	345.18	12.344			
11,700.00	7,243.35	7,221.35	7,221.35	135.02	250.37	-90.13	-3,953.81	-214.73	4,332.37	3,986.73	345.64	12.534			
11,800.00	7,243.57	7,221.57	7,221.57	137.77	250.38	-90.13	-3,953.81	-214.73	4,404.96	4,058.89	346.07	12.729			
11,900.00	7,243.78	7,221.78	7,221.78	140.53	250.39	-90.13	-3,953.81	-214.73	4,478.61	4,132.14	346.47	12.927			
12,000.00	7,243.99	7,221.99	7,221.99	143.29	250.40	-90.14	-3,953.81	-214.73	4,553.26	4,206.42	346.83	13.128			
12,100.00	7,244.20	7,222.20	7,222.20	146.05	250.40	-90.14	-3,953.81	-214.73	4,628.86	4,281.69	347.17	13.333			
12,200.00	7,244.42	7,222.42	7,222.42	148.82	250.41	-90.15	-3,953.81	-214.73	4,705.38	4,357.89	347.49	13.541			
12,300.00	7,244.63	7,222.63	7,222.63	151.60	250.42	-90.15	-3,953.81	-214.73	4,782.77	4,434.99	347.78	13.752			
12,400.00	7,244.84	7,222.84	7,222.84	154.37	250.43	-90.16	-3,953.81	-214.73	4,860.98	4,512.93	348.05	13.966			
12,500.00	7,245.06	7,223.06	7,223.06	157.15	250.43	-90.16	-3,953.81	-214.73	4,939.97	4,591.68	348.29	14.183			
12,600.00	7,245.27	7,223.27	7,223.27	159.93	250.44	-90.16	-3,953.81	-214.73	5,019.72	4,671.19	348.52	14.403			
12,700.00	7,245.48	7,223.48	7,223.48	162.71	250.45	-90.17	-3,953.81	-214.73	5,100.17	4,751.44	348.74	14.625			
12,800.00	7,245.70	7,223.70	7,223.70	165.50	250.46	-90.17	-3,953.81	-214.73	5,181.31	4,832.38	348.93	14.849			
12,900.00	7,245.91	7,223.91	7,223.91	168.29	250.46	-90.18	-3,953.81	-214.73	5,263.10	4,913.99	349.11	15.076			
13,000.00	7,246.12	7,224.12	7,224.12	171.08	250.47	-90.18	-3,953.81	-214.73	5,345.51	4,996.23	349.28	15.305			
13,100.00	7,246.33	7,224.33	7,224.33	173.87	250.48	-90.18	-3,953.81	-214.73	5,428.51	5,079.08	349.43	15.535			
13,200.00	7,246.55	7,224.55	7,224.55	176.67	250.49	-90.19	-3,953.81	-214.73	5,512.07	5,162.50	349.57	15.768			
13,300.00	7,246.76	7,224.76	7,224.76	179.47	250.49	-90.19	-3,953.81	-214.73	5,596.17	5,246.47	349.70	16.003			
13,400.00	7,246.97	7,224.97	7,224.97	182.27	250.50	-90.20	-3,953.81	-214.73	5,680.79	5,330.97	349.82	16.239			
13,500.00	7,247.19	7,225.19	7,225.19	185.07	250.51	-90.20	-3,953.81	-214.73	5,765.90	5,415.97	349.93	16.477			
13,600.00	7,247.40	7,225.40	7,225.40	187.87	250.52	-90.20	-3,953.81	-214.73	5,851.48	5,501.45	350.03	16.717			
13,700.00	7,247.61	7,225.61	7,225.61	190.68	250.52	-90.21	-3,953.81	-214.73	5,937.52	5,587.39	350.12	16.958			

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - MONTERA I #14-8 - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.83	7,225.83	7,225.83	193.48	250.53	-90.21	-3,953.81	-214.73	6,023.98	5,673.77	350.21	17.201		
13,900.00	7,248.04	7,226.04	7,226.04	196.29	250.54	-90.22	-3,953.81	-214.73	6,110.85	5,760.57	350.29	17.445		
14,000.00	7,248.25	7,226.25	7,226.25	199.10	250.54	-90.22	-3,953.81	-214.73	6,198.13	5,847.77	350.36	17.691		
14,100.00	7,248.46	7,226.46	7,226.46	201.91	250.55	-90.22	-3,953.81	-214.73	6,285.78	5,935.35	350.42	17.938		
14,200.00	7,248.68	7,226.68	7,226.68	204.72	250.56	-90.23	-3,953.81	-214.73	6,373.79	6,023.31	350.49	18.186		
14,300.00	7,248.89	7,226.89	7,226.89	207.53	250.57	-90.23	-3,953.81	-214.73	6,462.16	6,111.62	350.54	18.435		
14,400.00	7,249.10	7,227.10	7,227.10	210.35	250.57	-90.24	-3,953.81	-214.73	6,550.85	6,200.26	350.59	18.685		
14,500.00	7,249.32	7,227.32	7,227.32	213.16	250.58	-90.24	-3,953.81	-214.73	6,639.87	6,289.24	350.64	18.937		
14,600.00	7,249.53	7,227.53	7,227.53	215.98	250.59	-90.24	-3,953.81	-214.73	6,729.20	6,378.52	350.68	19.189		
14,700.00	7,249.74	7,227.74	7,227.74	218.80	250.60	-90.25	-3,953.81	-214.73	6,818.83	6,468.11	350.72	19.442		
14,800.00	7,249.96	7,227.96	7,227.96	221.62	250.60	-90.25	-3,953.81	-214.73	6,908.74	6,557.98	350.76	19.697		
14,900.00	7,250.17	7,228.17	7,228.17	224.44	250.61	-90.26	-3,953.81	-214.73	6,998.92	6,648.13	350.79	19.952		
15,000.00	7,250.38	7,228.38	7,228.38	227.26	250.62	-90.26	-3,953.81	-214.73	7,089.36	6,738.54	350.82	20.208		
15,100.00	7,250.59	7,228.59	7,228.59	230.08	250.63	-90.26	-3,953.81	-214.73	7,180.06	6,829.22	350.85	20.465		
15,200.00	7,250.81	7,228.81	7,228.81	232.90	250.63	-90.27	-3,953.81	-214.73	7,271.01	6,920.13	350.87	20.723		
15,300.00	7,251.02	7,229.02	7,229.02	235.72	250.64	-90.27	-3,953.81	-214.73	7,362.19	7,011.29	350.90	20.981		
15,400.00	7,251.23	7,229.23	7,229.23	238.55	250.65	-90.28	-3,953.81	-214.73	7,453.59	7,102.67	350.92	21.240		
15,500.00	7,251.45	7,229.45	7,229.45	241.37	250.66	-90.28	-3,953.81	-214.73	7,545.21	7,194.27	350.94	21.500		
15,600.00	7,251.66	7,229.66	7,229.66	244.20	250.66	-90.29	-3,953.81	-214.73	7,637.05	7,286.09	350.96	21.761		
15,700.00	7,251.87	7,229.87	7,229.87	247.03	250.67	-90.29	-3,953.81	-214.73	7,729.08	7,378.11	350.97	22.022		
15,800.00	7,252.09	7,230.09	7,230.09	249.85	250.68	-90.29	-3,953.81	-214.73	7,821.31	7,470.32	350.99	22.284		
15,900.00	7,252.30	7,230.30	7,230.30	252.68	250.69	-90.30	-3,953.81	-214.73	7,913.73	7,562.73	351.00	22.546		
16,000.00	7,252.51	7,230.51	7,230.51	255.51	250.69	-90.30	-3,953.81	-214.73	8,006.33	7,655.32	351.02	22.809		
16,100.00	7,252.72	7,230.72	7,230.72	258.34	250.70	-90.31	-3,953.81	-214.73	8,099.11	7,748.08	351.03	23.073		
16,200.00	7,252.94	7,230.94	7,230.94	261.17	250.71	-90.31	-3,953.81	-214.73	8,192.06	7,841.02	351.04	23.337		
16,300.00	7,253.15	7,231.15	7,231.15	264.00	250.72	-90.31	-3,953.81	-214.73	8,285.17	7,934.12	351.05	23.601		
16,400.00	7,253.36	7,231.36	7,231.36	266.83	250.72	-90.32	-3,953.81	-214.73	8,378.44	8,027.38	351.06	23.866		
16,500.00	7,253.58	7,231.58	7,231.58	269.66	250.73	-90.32	-3,953.81	-214.73	8,471.87	8,120.80	351.07	24.132		
16,600.00	7,253.79	7,231.79	7,231.79	272.50	250.74	-90.33	-3,953.81	-214.73	8,565.44	8,214.36	351.08	24.397		
16,700.00	7,254.00	7,232.00	7,232.00	275.33	250.75	-90.33	-3,953.81	-214.73	8,659.16	8,308.07	351.09	24.664		
16,800.00	7,254.22	7,232.22	7,232.22	278.16	250.75	-90.33	-3,953.81	-214.73	8,753.01	8,401.91	351.10	24.930		
16,900.00	7,254.43	7,232.43	7,232.43	281.00	250.76	-90.34	-3,953.81	-214.73	8,847.00	8,495.90	351.10	25.198		
17,000.00	7,254.64	7,232.64	7,232.64	283.83	250.77	-90.34	-3,953.81	-214.73	8,941.12	8,590.01	351.11	25.465		
17,100.00	7,254.85	7,232.85	7,232.85	286.67	250.78	-90.35	-3,953.81	-214.73	9,035.37	8,684.25	351.12	25.733		
17,200.00	7,255.07	7,233.07	7,233.07	289.50	250.78	-90.35	-3,953.81	-214.73	9,129.74	8,778.61	351.13	26.001		
17,300.00	7,255.28	7,233.28	7,233.28	292.34	250.79	-90.35	-3,953.81	-214.73	9,224.23	8,873.09	351.14	26.270		
17,400.00	7,255.49	7,233.49	7,233.49	295.17	250.80	-90.36	-3,953.81	-214.73	9,318.83	8,967.68	351.15	26.538		
17,500.00	7,255.71	7,233.71	7,233.71	298.01	250.81	-90.36	-3,953.81	-214.73	9,413.54	9,062.39	351.15	26.807		
17,600.00	7,255.92	7,233.92	7,233.92	300.85	250.81	-90.37	-3,953.81	-214.73	9,508.37	9,157.20	351.16	27.077		
17,700.00	7,256.13	7,234.13	7,234.13	303.68	250.82	-90.37	-3,953.81	-214.73	9,603.29	9,252.12	351.17	27.346		
17,800.00	7,256.35	7,234.35	7,234.35	306.52	250.83	-90.37	-3,953.81	-214.73	9,698.32	9,347.14	351.18	27.616		
17,900.00	7,256.56	7,234.56	7,234.56	309.36	250.83	-90.38	-3,953.81	-214.73	9,793.45	9,442.26	351.19	27.887		
18,000.00	7,256.77	7,234.77	7,234.77	312.20	250.84	-90.38	-3,953.81	-214.73	9,888.68	9,537.48	351.20	28.157		
18,100.00	7,256.98	7,234.98	7,234.98	315.04	250.85	-90.39	-3,953.81	-214.73	9,984.00	9,632.79	351.21	28.428		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - OPAL #1(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	40.00	40.00	3.28	3.35	-70.96	1,514.08	-4,386.17	4,640.14					
100.00	100.00	140.00	140.00	3.28	4.54	-70.96	1,514.08	-4,386.17	4,640.14	4,632.32	7.83	592.860		
200.00	200.00	240.00	240.00	3.34	7.40	-70.96	1,514.08	-4,386.17	4,640.14	4,629.41	10.74	432.179		
300.00	300.00	340.00	340.00	3.44	10.64	-70.96	1,514.08	-4,386.17	4,640.14	4,626.06	14.09	329.394		
400.00	399.98	439.98	439.98	3.60	14.00	164.04	1,514.08	-4,386.17	4,641.82	4,624.22	17.60	263.721		
500.00	499.84	539.84	539.84	3.79	17.41	164.03	1,514.08	-4,386.17	4,646.85	4,625.65	21.20	219.150		
600.00	599.45	639.45	639.45	4.03	20.84	164.01	1,514.08	-4,386.17	4,655.24	4,630.37	24.87	187.217		
700.00	698.70	738.70	738.70	4.30	24.27	163.99	1,514.08	-4,386.17	4,666.96	4,638.39	28.56	163.381		
800.00	797.47	837.47	837.47	4.61	27.69	163.96	1,514.08	-4,386.17	4,682.01	4,649.72	32.29	145.011		
900.00	895.62	935.62	935.62	4.95	31.09	163.92	1,514.08	-4,386.17	4,700.37	4,664.35	36.02	130.488		
1,000.00	993.06	1,033.06	1,033.06	5.33	34.47	163.87	1,514.08	-4,386.17	4,722.02	4,682.26	39.76	118.770		
1,100.00	1,090.08	1,130.08	1,130.08	5.74	37.85	163.95	1,514.08	-4,386.17	4,745.32	4,701.82	43.50	109.094		
1,200.00	1,187.11	1,227.11	1,227.11	6.17	41.22	164.03	1,514.08	-4,386.17	4,768.62	4,721.37	47.25	100.922		
1,300.00	1,284.14	1,324.14	1,324.14	6.61	44.60	164.11	1,514.08	-4,386.17	4,791.94	4,740.92	51.02	93.923		
1,400.00	1,381.17	1,421.17	1,421.17	7.07	47.98	164.19	1,514.08	-4,386.17	4,815.26	4,760.46	54.80	87.868		
1,500.00	1,478.20	1,518.20	1,518.20	7.55	51.36	164.27	1,514.08	-4,386.17	4,838.59	4,780.00	58.59	82.579		
1,600.00	1,575.23	1,615.23	1,615.23	8.03	54.74	164.35	1,514.08	-4,386.17	4,861.94	4,799.54	62.39	77.922		
1,700.00	1,672.26	1,712.26	1,712.26	8.52	58.12	164.42	1,514.08	-4,386.17	4,885.28	4,819.08	66.20	73.792		
1,800.00	1,769.29	1,809.29	1,809.29	9.01	61.50	164.50	1,514.08	-4,386.17	4,908.64	4,838.62	70.02	70.105		
1,900.00	1,866.32	1,906.32	1,906.32	9.51	64.89	164.57	1,514.08	-4,386.17	4,932.01	4,858.17	73.84	66.795		
2,000.00	1,963.35	2,003.35	2,003.35	10.02	68.27	164.65	1,514.08	-4,386.17	4,955.38	4,877.72	77.66	63.806		
2,100.00	2,060.38	2,100.38	2,100.38	10.53	71.65	164.72	1,514.08	-4,386.17	4,978.76	4,897.27	81.49	61.095		
2,200.00	2,157.41	2,202.59	2,197.41	11.04	75.22	164.79	1,514.08	-4,386.17	5,002.15	4,916.64	85.50	58.501		
2,300.00	2,254.44	2,305.56	2,294.44	11.56	78.81	164.87	1,514.08	-4,386.17	5,025.55	4,936.00	89.55	56.122		
2,400.00	2,351.47	2,408.53	2,391.47	12.07	82.40	164.94	1,514.08	-4,386.17	5,048.95	4,955.36	93.59	53.946		
2,500.00	2,448.50	2,488.50	2,488.50	12.59	85.19	165.01	1,514.08	-4,386.17	5,072.36	4,975.52	96.84	52.380		
2,600.00	2,545.53	2,585.53	2,585.53	13.12	88.58	165.08	1,514.08	-4,386.17	5,095.78	4,995.10	100.68	50.614		
2,700.00	2,642.56	2,682.56	2,682.56	13.64	91.96	165.15	1,514.08	-4,386.17	5,119.20	5,014.68	104.52	48.977		
2,800.00	2,739.59	2,779.59	2,779.59	14.17	95.35	165.22	1,514.08	-4,386.17	5,142.64	5,034.27	108.37	47.455		
2,900.00	2,836.62	2,876.62	2,876.62	14.69	98.73	165.29	1,514.08	-4,386.17	5,166.08	5,053.86	112.21	46.037		
3,000.00	2,933.65	2,973.65	2,973.65	15.22	102.12	165.35	1,514.08	-4,386.17	5,189.52	5,073.46	116.06	44.713		
3,100.00	3,030.68	3,070.68	3,070.68	15.75	105.50	165.42	1,514.08	-4,386.17	5,212.98	5,093.06	119.91	43.473		
3,200.00	3,127.71	3,167.71	3,167.71	16.28	108.89	165.49	1,514.08	-4,386.17	5,236.44	5,112.67	123.76	42.310		
3,300.00	3,224.74	3,264.74	3,264.74	16.82	112.27	165.55	1,514.08	-4,386.17	5,259.90	5,132.29	127.61	41.217		
3,400.00	3,321.76	3,361.76	3,361.76	17.35	115.66	165.62	1,514.08	-4,386.17	5,283.38	5,151.91	131.47	40.188		
3,500.00	3,418.79	3,458.79	3,458.79	17.88	119.05	165.68	1,514.08	-4,386.17	5,306.86	5,171.54	135.32	39.218		
3,600.00	3,515.82	3,555.82	3,555.82	18.42	122.43	165.75	1,514.08	-4,386.17	5,330.34	5,191.17	139.17	38.300		
3,700.00	3,612.85	3,652.85	3,652.85	18.95	125.82	165.81	1,514.08	-4,386.17	5,353.84	5,210.81	143.03	37.433		
3,800.00	3,709.88	3,749.88	3,749.88	19.49	129.20	165.87	1,514.08	-4,386.17	5,377.33	5,230.45	146.88	36.610		
3,900.00	3,806.91	3,846.91	3,846.91	20.02	132.59	165.94	1,514.08	-4,386.17	5,400.84	5,250.10	150.74	35.830		
4,000.00	3,903.94	3,943.94	3,943.94	20.56	135.98	166.00	1,514.08	-4,386.17	5,424.35	5,269.76	154.59	35.088		
4,100.00	4,000.97	4,040.97	4,040.97	21.09	139.36	166.06	1,514.08	-4,386.17	5,447.87	5,289.42	158.45	34.383		
4,200.00	4,098.00	4,138.00	4,138.00	21.63	142.75	166.12	1,514.08	-4,386.17	5,471.39	5,309.08	162.30	33.711		
4,300.00	4,195.03	4,235.03	4,235.03	22.17	146.14	166.18	1,514.08	-4,386.17	5,494.92	5,328.76	166.16	33.070		
4,400.00	4,292.06	4,332.06	4,332.06	22.71	149.52	166.24	1,514.08	-4,386.17	5,518.45	5,348.43	170.02	32.458		
4,500.00	4,389.09	4,429.09	4,429.09	23.25	152.91	166.30	1,514.08	-4,386.17	5,541.99	5,368.12	173.88	31.873		
4,600.00	4,486.12	4,526.12	4,526.12	23.78	156.30	166.36	1,514.08	-4,386.17	5,565.54	5,387.80	177.73	31.314		
4,700.00	4,583.15	4,623.15	4,623.15	24.32	159.68	166.42	1,514.08	-4,386.17	5,589.09	5,407.50	181.59	30.778		
4,800.00	4,680.18	4,720.18	4,720.18	24.86	163.07	166.48	1,514.08	-4,386.17	5,612.64	5,427.19	185.45	30.265		
4,900.00	4,777.21	4,817.21	4,817.21	25.40	166.46	166.53	1,514.08	-4,386.17	5,636.21	5,446.90	189.31	29.773		
5,000.00	4,874.24	4,914.24	4,914.24	25.94	169.84	166.59	1,514.08	-4,386.17	5,659.77	5,466.61	193.17	29.300		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - OPAL #1(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	5,011.27	5,011.27	26.48	173.23	166.65	1,514.08	-4,386.17	5,683.35	5,486.32	197.03	28.845		
5,200.00	5,068.30	5,108.30	5,108.30	27.02	176.62	166.70	1,514.08	-4,386.17	5,706.92	5,506.04	200.89	28.409		
5,300.00	5,165.33	5,205.33	5,205.33	27.56	180.00	166.76	1,514.08	-4,386.17	5,730.51	5,525.76	204.75	27.988		
5,400.00	5,262.36	5,302.36	5,302.36	28.10	183.39	166.81	1,514.08	-4,386.17	5,754.09	5,545.49	208.61	27.584		
5,500.00	5,359.39	5,400.61	5,399.39	28.64	186.82	166.87	1,514.08	-4,386.17	5,777.69	5,565.18	212.51	27.188		
5,600.00	5,456.42	5,503.58	5,496.42	29.18	190.41	166.92	1,514.08	-4,386.17	5,801.28	5,584.71	216.58	26.786		
5,700.00	5,553.45	5,606.56	5,593.45	29.72	194.01	166.98	1,514.08	-4,386.17	5,824.89	5,604.24	220.64	26.400		
5,800.00	5,650.47	5,709.53	5,690.47	30.27	197.60	167.03	1,514.08	-4,386.17	5,848.49	5,623.78	224.71	26.027		
5,900.00	5,747.50	5,787.50	5,787.50	30.81	200.32	167.08	1,514.08	-4,386.17	5,872.11	5,644.20	227.91	25.765		
6,000.00	5,844.53	5,884.53	5,884.53	31.35	203.71	167.14	1,514.08	-4,386.17	5,895.72	5,663.96	231.77	25.438		
6,100.00	5,941.56	5,981.56	5,981.56	31.89	207.10	167.19	1,514.08	-4,386.17	5,919.34	5,683.72	235.63	25.122		
6,200.00	6,038.59	6,078.59	6,078.59	32.43	210.48	167.24	1,514.08	-4,386.17	5,942.97	5,703.48	239.49	24.815		
6,300.00	6,135.62	6,175.62	6,175.62	32.97	213.87	167.29	1,514.08	-4,386.17	5,966.60	5,723.25	243.35	24.519		
6,400.00	6,232.65	6,272.65	6,272.65	33.51	217.26	167.34	1,514.08	-4,386.17	5,990.24	5,743.03	247.21	24.231		
6,500.00	6,329.68	6,369.68	6,369.68	34.06	220.64	167.39	1,514.08	-4,386.17	6,013.88	5,762.80	251.07	23.953		
6,600.00	6,426.71	6,466.71	6,466.71	34.60	224.03	167.44	1,514.08	-4,386.17	6,037.52	5,782.59	254.93	23.683		
6,655.36	6,480.43	6,520.43	6,520.43	34.90	225.91	167.47	1,514.08	-4,386.17	6,050.61	5,793.54	257.07	23.537		
6,700.00	6,524.01	6,564.01	6,564.01	35.13	227.43	154.97	1,514.08	-4,386.17	6,059.77	5,800.97	258.80	23.415		
6,750.00	6,573.29	6,613.29	6,613.29	35.36	229.15	132.25	1,514.08	-4,386.17	6,066.66	5,805.92	260.74	23.267		
6,800.00	6,622.76	6,662.76	6,662.76	35.56	230.88	101.85	1,514.08	-4,386.17	6,069.97	5,807.29	262.68	23.108		
6,850.00	6,672.13	6,712.13	6,712.13	35.73	232.60	76.53	1,514.08	-4,386.17	6,069.67	5,805.09	264.58	22.941		
6,900.00	6,721.08	6,761.08	6,761.08	35.88	234.31	61.29	1,514.08	-4,386.17	6,065.78	5,799.33	266.45	22.765		
6,950.00	6,769.31	6,809.31	6,809.31	36.03	235.99	52.57	1,514.08	-4,386.17	6,058.33	5,790.05	268.28	22.582		
7,000.00	6,816.53	6,856.53	6,856.53	36.18	237.64	47.41	1,514.08	-4,386.17	6,047.36	5,777.32	270.04	22.394		
7,050.00	6,862.44	6,902.44	6,902.44	36.34	239.24	44.30	1,514.08	-4,386.17	6,032.96	5,761.21	271.74	22.201		
7,100.00	6,906.77	6,946.77	6,946.77	36.50	240.79	42.50	1,514.08	-4,386.17	6,015.22	5,741.85	273.37	22.004		
7,150.00	6,949.23	6,989.23	6,989.23	36.68	242.27	41.61	1,514.08	-4,386.17	5,994.26	5,719.34	274.92	21.804		
7,200.00	6,989.58	7,029.58	7,029.58	36.87	243.68	41.43	1,514.08	-4,386.17	5,970.22	5,693.85	276.37	21.602		
7,250.00	7,027.55	7,067.55	7,067.55	37.09	245.00	41.86	1,514.08	-4,386.17	5,943.26	5,665.52	277.74	21.399		
7,300.00	7,062.91	7,102.91	7,102.91	37.32	246.24	42.85	1,514.08	-4,386.17	5,913.55	5,634.54	279.00	21.195		
7,350.00	7,095.45	7,135.45	7,135.45	37.59	247.38	44.40	1,514.08	-4,386.17	5,881.28	5,601.11	280.17	20.992		
7,400.00	7,124.97	7,164.97	7,164.97	37.88	248.41	46.54	1,514.08	-4,386.17	5,846.67	5,565.44	281.22	20.790		
7,450.00	7,151.28	7,208.72	7,191.28	38.21	249.93	49.33	1,514.08	-4,386.17	5,809.92	5,527.14	282.78	20.546		
7,500.00	7,174.22	7,214.22	7,214.22	38.58	250.12	52.86	1,514.08	-4,386.17	5,771.28	5,488.27	283.01	20.392		
7,550.00	7,193.65	7,233.65	7,233.65	38.98	250.80	57.23	1,514.08	-4,386.17	5,730.99	5,447.25	283.74	20.198		
7,600.00	7,209.45	7,249.45	7,249.45	39.43	251.35	62.54	1,514.08	-4,386.17	5,689.30	5,404.95	284.36	20.008		
7,650.00	7,221.52	7,261.52	7,261.52	39.91	251.78	68.86	1,514.08	-4,386.17	5,646.48	5,361.62	284.86	19.822		
7,700.00	7,229.79	7,269.79	7,269.79	40.42	252.06	76.20	1,514.08	-4,386.17	5,602.77	5,317.53	285.25	19.642		
7,750.00	7,234.21	7,274.21	7,274.21	40.97	252.22	84.42	1,514.08	-4,386.17	5,558.47	5,272.94	285.52	19.468		
7,780.56	7,235.00	7,275.00	7,275.00	41.32	252.25	89.76	1,514.08	-4,386.17	5,531.20	5,245.57	285.64	19.364		
7,800.00	7,235.04	7,275.04	7,275.04	41.54	252.25	89.76	1,514.08	-4,386.17	5,513.84	5,228.15	285.70	19.300		
7,900.00	7,235.26	7,275.26	7,275.26	42.82	252.26	89.76	1,514.08	-4,386.17	5,424.76	5,138.72	286.04	18.965		
8,000.00	7,235.47	7,275.47	7,275.47	44.25	252.26	89.77	1,514.08	-4,386.17	5,336.06	5,049.60	286.46	18.628		
8,100.00	7,235.68	7,275.68	7,275.68	45.82	252.27	89.77	1,514.08	-4,386.17	5,247.76	4,960.81	286.96	18.288		
8,200.00	7,235.90	7,275.90	7,275.90	47.52	252.28	89.78	1,514.08	-4,386.17	5,159.90	4,872.36	287.53	17.945		
8,300.00	7,236.11	7,276.11	7,276.11	49.34	252.29	89.78	1,514.08	-4,386.17	5,072.48	4,784.28	288.20	17.601		
8,400.00	7,236.32	7,276.32	7,276.32	51.25	252.29	89.79	1,514.08	-4,386.17	4,985.54	4,696.58	288.95	17.254		
8,500.00	7,236.54	7,276.54	7,276.54	53.26	252.30	89.79	1,514.08	-4,386.17	4,899.09	4,609.29	289.80	16.905		
8,600.00	7,236.75	7,276.75	7,276.75	55.34	252.31	89.80	1,514.08	-4,386.17	4,813.17	4,522.42	290.75	16.554		
8,700.00	7,236.96	7,276.96	7,276.96	57.50	252.32	89.80	1,514.08	-4,386.17	4,727.80	4,436.01	291.80	16.202		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - OPAL #1(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	7,277.17	7,277.17	59.71	252.32	89.81	1,514.08	-4,386.17	4,643.02	4,350.07	292.95	15.849		
8,900.00	7,237.39	7,277.39	7,277.39	61.98	252.33	89.81	1,514.08	-4,386.17	4,558.85	4,264.65	294.20	15.496		
9,000.00	7,237.60	7,277.60	7,277.60	64.29	252.34	89.82	1,514.08	-4,386.17	4,475.34	4,179.77	295.57	15.142		
9,100.00	7,237.81	7,277.81	7,277.81	66.65	252.34	89.82	1,514.08	-4,386.17	4,392.51	4,095.47	297.04	14.788		
9,200.00	7,238.03	7,278.03	7,278.03	69.05	252.35	89.83	1,514.08	-4,386.17	4,310.42	4,011.79	298.63	14.434		
9,300.00	7,238.24	7,278.24	7,278.24	71.48	252.36	89.83	1,514.08	-4,386.17	4,229.09	3,928.76	300.33	14.081		
9,400.00	7,238.45	7,278.45	7,278.45	73.95	252.37	89.84	1,514.08	-4,386.17	4,148.58	3,846.43	302.15	13.730		
9,500.00	7,238.67	7,278.67	7,278.67	76.44	252.37	89.84	1,514.08	-4,386.17	4,068.94	3,764.85	304.09	13.381		
9,600.00	7,238.88	7,278.88	7,278.88	78.96	252.38	89.85	1,514.08	-4,386.17	3,990.21	3,684.06	306.15	13.033		
9,700.00	7,239.09	7,279.09	7,279.09	81.50	252.39	89.85	1,514.08	-4,386.17	3,912.45	3,604.11	308.34	12.689		
9,800.00	7,239.30	7,279.30	7,279.30	84.06	252.40	89.86	1,514.08	-4,386.17	3,835.73	3,525.08	310.65	12.348		
9,900.00	7,239.52	7,279.52	7,279.52	86.64	252.40	89.86	1,514.08	-4,386.17	3,760.09	3,447.01	313.08	12.010		
10,000.00	7,239.73	7,279.73	7,279.73	89.23	252.41	89.87	1,514.08	-4,386.17	3,685.62	3,369.98	315.65	11.676		
10,100.00	7,239.94	7,279.94	7,279.94	91.85	252.42	89.87	1,514.08	-4,386.17	3,612.39	3,294.05	318.34	11.348		
10,200.00	7,240.16	7,280.16	7,280.16	94.47	252.43	89.88	1,514.08	-4,386.17	3,540.46	3,219.30	321.16	11.024		
10,300.00	7,240.37	7,280.37	7,280.37	97.11	252.43	89.88	1,514.08	-4,386.17	3,469.92	3,145.81	324.11	10.706		
10,400.00	7,240.58	7,280.58	7,280.58	99.76	252.44	89.89	1,514.08	-4,386.17	3,400.87	3,073.68	327.19	10.394		
10,500.00	7,240.80	7,280.80	7,280.80	102.43	252.45	89.89	1,514.08	-4,386.17	3,333.38	3,002.98	330.40	10.089		
10,600.00	7,241.01	7,281.01	7,281.01	105.10	252.46	89.90	1,514.08	-4,386.17	3,267.56	2,933.82	333.74	9.791		
10,700.00	7,241.22	7,281.22	7,281.22	107.79	252.46	89.90	1,514.08	-4,386.17	3,203.50	2,866.31	337.20	9.500		
10,800.00	7,241.43	7,281.43	7,281.43	110.48	252.47	89.91	1,514.08	-4,386.17	3,141.33	2,800.55	340.78	9.218		
10,900.00	7,241.65	7,281.65	7,281.65	113.18	252.48	89.91	1,514.08	-4,386.17	3,081.15	2,736.66	344.48	8.944		
11,000.00	7,241.86	7,281.86	7,281.86	115.89	252.49	89.92	1,514.08	-4,386.17	3,023.07	2,674.78	348.29	8.680		
11,100.00	7,242.07	7,282.07	7,282.07	118.60	252.49	89.92	1,514.08	-4,386.17	2,967.24	2,615.03	352.21	8.425		
11,200.00	7,242.29	7,282.29	7,282.29	121.32	252.50	89.93	1,514.08	-4,386.17	2,913.76	2,557.55	356.21	8.180		
11,300.00	7,242.50	7,282.50	7,282.50	124.05	252.51	89.93	1,514.08	-4,386.17	2,862.78	2,502.48	360.30	7.945		
11,400.00	7,242.71	7,282.71	7,282.71	126.78	252.52	89.94	1,514.08	-4,386.17	2,814.43	2,449.97	364.46	7.722		
11,500.00	7,242.93	7,282.93	7,282.93	129.52	252.52	89.94	1,514.08	-4,386.17	2,768.85	2,400.18	368.67	7.510		
11,600.00	7,243.14	7,283.14	7,283.14	132.27	252.53	89.94	1,514.08	-4,386.17	2,726.18	2,353.26	372.92	7.310		
11,700.00	7,243.35	7,283.35	7,283.35	135.02	252.54	89.95	1,514.08	-4,386.17	2,686.56	2,309.37	377.18	7.123		
11,800.00	7,243.57	7,283.57	7,283.57	137.77	252.55	89.95	1,514.08	-4,386.17	2,650.11	2,268.67	381.44	6.948		
11,900.00	7,243.78	7,283.78	7,283.78	140.53	252.55	89.96	1,514.08	-4,386.17	2,616.98	2,231.32	385.67	6.786		
12,000.00	7,243.99	7,283.99	7,283.99	143.29	252.56	89.96	1,514.08	-4,386.17	2,587.30	2,197.46	389.84	6.637		
12,100.00	7,244.20	7,284.20	7,284.20	146.05	252.57	89.97	1,514.08	-4,386.17	2,561.18	2,167.25	393.93	6.502		
12,200.00	7,244.42	7,284.42	7,284.42	148.82	252.58	89.97	1,514.08	-4,386.17	2,538.73	2,140.82	397.91	6.380		
12,300.00	7,244.63	7,284.63	7,284.63	151.60	252.58	89.98	1,514.08	-4,386.17	2,520.05	2,118.29	401.76	6.273		
12,400.00	7,244.84	7,284.84	7,284.84	154.37	252.59	89.98	1,514.08	-4,386.17	2,505.23	2,099.79	405.44	6.179		
12,500.00	7,245.06	7,285.06	7,285.06	157.15	252.60	89.99	1,514.08	-4,386.17	2,494.33	2,085.39	408.94	6.099		
12,600.00	7,245.27	7,285.27	7,285.27	159.93	252.61	89.99	1,514.08	-4,386.17	2,487.41	2,075.18	412.23	6.034		
12,700.00	7,245.48	7,285.48	7,285.48	162.71	252.61	90.00	1,514.08	-4,386.17	2,484.50	2,069.21	415.29	5.983		
12,722.43	7,245.53	7,285.53	7,285.53	163.34	252.61	90.00	1,514.08	-4,386.17	2,484.39	2,068.46	415.94	5.973 CC		
12,800.00	7,245.70	7,285.70	7,285.70	165.50	252.62	90.00	1,514.08	-4,386.17	2,485.60	2,067.51	418.10	5.945 ES		
12,900.00	7,245.91	7,285.91	7,285.91	168.29	252.63	90.01	1,514.08	-4,386.17	2,490.73	2,070.09	420.65	5.921		
13,000.00	7,246.12	7,286.12	7,286.12	171.08	252.63	90.01	1,514.08	-4,386.17	2,499.85	2,076.93	422.93	5.911 SF		
13,100.00	7,246.33	7,286.33	7,286.33	173.87	252.64	90.02	1,514.08	-4,386.17	2,512.92	2,087.99	424.93	5.914		
13,200.00	7,246.55	7,286.55	7,286.55	176.67	252.65	90.02	1,514.08	-4,386.17	2,529.88	2,103.22	426.65	5.930		
13,300.00	7,246.76	7,286.76	7,286.76	179.47	252.66	90.03	1,514.08	-4,386.17	2,550.65	2,122.54	428.11	5.958		
13,400.00	7,246.97	7,286.97	7,286.97	182.27	252.66	90.03	1,514.08	-4,386.17	2,575.13	2,145.84	429.29	5.999		
13,500.00	7,247.19	7,287.19	7,287.19	185.07	252.67	90.04	1,514.08	-4,386.17	2,603.23	2,173.02	430.21	6.051		
13,600.00	7,247.40	7,287.40	7,287.40	187.87	252.68	90.04	1,514.08	-4,386.17	2,634.83	2,203.94	430.89	6.115		
13,700.00	7,247.61	7,287.61	7,287.61	190.68	252.69	90.05	1,514.08	-4,386.17	2,669.80	2,238.47	431.33	6.190		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - OPAL #1(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.83	7,287.83	7,287.83	193.48	252.69	90.05	1,514.08	-4,386.17	2,708.02	2,276.46	431.56	6.275		
13,900.00	7,248.04	7,288.04	7,288.04	196.29	252.70	90.06	1,514.08	-4,386.17	2,749.34	2,317.75	431.59	6.370		
14,000.00	7,248.25	7,288.25	7,288.25	199.10	252.71	90.06	1,514.08	-4,386.17	2,793.63	2,362.20	431.43	6.475		
14,100.00	7,248.46	7,288.46	7,288.46	201.91	252.72	90.07	1,514.08	-4,386.17	2,840.76	2,409.65	431.11	6.589		
14,200.00	7,248.68	7,288.68	7,288.68	204.72	252.72	90.07	1,514.08	-4,386.17	2,890.57	2,459.93	430.64	6.712		
14,300.00	7,248.89	7,288.89	7,288.89	207.53	252.73	90.08	1,514.08	-4,386.17	2,942.94	2,512.91	430.04	6.843		
14,400.00	7,249.10	7,289.10	7,289.10	210.35	252.74	90.08	1,514.08	-4,386.17	2,997.74	2,568.42	429.32	6.983		
14,500.00	7,249.32	7,289.32	7,289.32	213.16	252.75	90.09	1,514.08	-4,386.17	3,054.82	2,626.32	428.50	7.129		
14,600.00	7,249.53	7,289.53	7,289.53	215.98	252.75	90.09	1,514.08	-4,386.17	3,114.07	2,686.47	427.60	7.283		
14,700.00	7,249.74	7,289.74	7,289.74	218.80	252.76	90.10	1,514.08	-4,386.17	3,175.37	2,748.74	426.63	7.443		
14,800.00	7,249.96	7,289.96	7,289.96	221.62	252.77	90.10	1,514.08	-4,386.17	3,238.59	2,813.00	425.59	7.610		
14,900.00	7,250.17	7,290.17	7,290.17	224.44	253.46	90.11	1,514.08	-4,386.17	3,303.63	2,878.44	425.19	7.770		
15,000.00	7,250.38	7,290.38	7,290.38	227.26	253.46	90.11	1,514.08	-4,386.17	3,370.39	2,946.33	424.06	7.948		
15,100.00	7,250.59	7,290.59	7,290.59	230.08	253.45	90.12	1,514.08	-4,386.17	3,438.75	3,015.86	422.89	8.132		
15,200.00	7,250.81	7,290.81	7,290.81	232.90	253.44	90.12	1,514.08	-4,386.17	3,508.64	3,086.94	421.69	8.320		
15,300.00	7,251.02	7,291.02	7,291.02	235.72	253.43	90.13	1,514.08	-4,386.17	3,579.95	3,159.46	420.49	8.514		
15,400.00	7,251.23	7,291.23	7,291.23	238.55	253.43	90.13	1,514.08	-4,386.17	3,652.61	3,233.34	419.27	8.712		
15,500.00	7,251.45	7,291.45	7,291.45	241.37	253.42	90.14	1,514.08	-4,386.17	3,726.53	3,308.49	418.04	8.914		
15,600.00	7,251.66	7,291.66	7,291.66	244.20	253.41	90.14	1,514.08	-4,386.17	3,801.65	3,384.83	416.82	9.121		
15,700.00	7,251.87	7,291.87	7,291.87	247.03	253.40	90.15	1,514.08	-4,386.17	3,877.90	3,462.29	415.60	9.331		
15,800.00	7,252.09	7,292.09	7,292.09	249.85	253.40	90.15	1,514.08	-4,386.17	3,955.20	3,540.80	414.39	9.545		
15,900.00	7,252.30	7,292.30	7,292.30	252.68	253.39	90.16	1,514.08	-4,386.17	4,033.50	3,620.31	413.19	9.762		
16,000.00	7,252.51	7,292.51	7,292.51	255.51	253.38	90.16	1,514.08	-4,386.17	4,112.74	3,700.73	412.00	9.982		
16,100.00	7,252.72	7,292.72	7,292.72	258.34	253.37	90.17	1,514.08	-4,386.17	4,192.86	3,782.04	410.83	10.206		
16,200.00	7,252.94	7,292.94	7,292.94	261.17	253.37	90.17	1,514.08	-4,386.17	4,273.83	3,864.16	409.67	10.432		
16,300.00	7,253.15	7,293.15	7,293.15	264.00	253.36	90.18	1,514.08	-4,386.17	4,355.59	3,947.05	408.53	10.662		
16,400.00	7,253.36	7,293.36	7,293.36	266.83	253.35	90.18	1,514.08	-4,386.17	4,438.09	4,030.68	407.41	10.893		
16,500.00	7,253.58	7,293.58	7,293.58	269.66	253.34	90.19	1,514.08	-4,386.17	4,521.30	4,114.99	406.31	11.128		
16,600.00	7,253.79	7,293.79	7,293.79	272.50	253.34	90.19	1,514.08	-4,386.17	4,605.18	4,199.95	405.23	11.364		
16,700.00	7,254.00	7,294.00	7,294.00	275.33	253.33	90.20	1,514.08	-4,386.17	4,689.69	4,285.52	404.17	11.603		
16,800.00	7,254.22	7,294.22	7,294.22	278.16	253.32	90.20	1,514.08	-4,386.17	4,774.80	4,371.66	403.13	11.844		
16,900.00	7,254.43	7,294.43	7,294.43	281.00	253.31	90.21	1,514.08	-4,386.17	4,860.47	4,458.35	402.12	12.087		
17,000.00	7,254.64	7,294.64	7,294.64	283.83	253.31	90.21	1,514.08	-4,386.17	4,946.69	4,545.56	401.12	12.332		
17,100.00	7,254.85	7,294.85	7,294.85	286.67	253.30	90.22	1,514.08	-4,386.17	5,033.41	4,633.26	400.15	12.579		
17,200.00	7,255.07	7,295.07	7,295.07	289.50	253.29	90.22	1,514.08	-4,386.17	5,120.62	4,721.42	399.20	12.827		
17,300.00	7,255.28	7,295.28	7,295.28	292.34	253.28	90.22	1,514.08	-4,386.17	5,208.28	4,810.01	398.27	13.077		
17,400.00	7,255.49	7,295.49	7,295.49	295.17	253.28	90.23	1,514.08	-4,386.17	5,296.39	4,899.03	397.36	13.329		
17,500.00	7,255.71	7,295.71	7,295.71	298.01	253.27	90.23	1,514.08	-4,386.17	5,384.91	4,988.44	396.47	13.582		
17,600.00	7,255.92	7,295.92	7,295.92	300.85	253.26	90.24	1,514.08	-4,386.17	5,473.82	5,078.22	395.61	13.837		
17,700.00	7,256.13	7,296.13	7,296.13	303.68	253.25	90.24	1,514.08	-4,386.17	5,563.12	5,168.36	394.76	14.092		
17,800.00	7,256.35	7,296.35	7,296.35	306.52	253.25	90.25	1,514.08	-4,386.17	5,652.77	5,258.83	393.93	14.350		
17,900.00	7,256.56	7,296.56	7,296.56	309.36	253.24	90.25	1,514.08	-4,386.17	5,742.76	5,349.63	393.13	14.608		
18,000.00	7,256.77	7,296.77	7,296.77	312.20	253.23	90.26	1,514.08	-4,386.17	5,833.08	5,440.74	392.34	14.867		
18,100.00	7,256.98	7,296.98	7,296.98	315.04	253.22	90.26	1,514.08	-4,386.17	5,923.71	5,532.14	391.57	15.128		
18,200.00	7,257.20	7,297.20	7,297.20	317.88	253.22	90.27	1,514.08	-4,386.17	6,014.63	5,623.81	390.82	15.390		
18,300.00	7,257.41	7,297.41	7,297.41	320.72	253.21	90.27	1,514.08	-4,386.17	6,105.84	5,715.76	390.09	15.653		
18,400.00	7,257.62	7,297.62	7,297.62	323.56	253.20	90.28	1,514.08	-4,386.17	6,197.32	5,807.95	389.37	15.916		
18,500.00	7,257.84	7,297.84	7,297.84	326.40	253.19	90.28	1,514.08	-4,386.17	6,289.06	5,900.39	388.67	16.181		
18,600.00	7,258.05	7,298.05	7,298.05	329.24	253.19	90.29	1,514.08	-4,386.17	6,381.05	5,993.06	387.99	16.446		
18,700.00	7,258.26	7,298.26	7,298.26	332.08	253.18	90.29	1,514.08	-4,386.17	6,473.28	6,085.95	387.33	16.713		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - OPAL #1(PA) - OH - OH		Offset Site Error:		0.00 ft
Survey Program:													100-2" Cone@2.448 Sigma		Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
18,800.00	7,258.48	7,301.52	7,298.48	334.92	253.17	90.30	1,514.08	-4,386.17	6,565.73	6,179.06	386.68	16.980					
18,900.00	7,258.69	7,301.31	7,298.69	337.76	253.17	90.30	1,514.08	-4,386.17	6,658.41	6,272.36	386.04	17.248					
19,000.00	7,258.90	7,301.10	7,298.90	340.60	253.16	90.31	1,514.08	-4,386.17	6,751.29	6,365.86	385.43	17.516					
19,046.19	7,259.00	7,301.00	7,299.00	341.92	253.15	90.31	1,514.08	-4,386.17	6,794.25	6,409.11	385.15	17.641					

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - OTTOSON #2(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	164.29	-3,631.74	1,021.61	3,772.70					
100.00	100.00	78.71	78.71	3.28	3.28	164.29	-3,632.00	1,021.29	3,772.89	3,766.32	6.57	574.317		
200.00	200.00	168.61	168.60	3.34	3.32	164.31	-3,632.73	1,020.54	3,773.45	3,766.79	6.66	566.716		
300.00	300.00	291.69	291.68	3.44	3.44	164.31	-3,633.42	1,020.30	3,773.95	3,767.07	6.89	547.945		
400.00	399.98	384.87	384.86	3.60	3.58	39.34	-3,633.47	1,020.49	3,772.72	3,765.54	7.18	525.446		
500.00	499.84	491.77	491.76	3.79	3.79	39.44	-3,633.58	1,020.84	3,768.86	3,761.28	7.58	497.100		
600.00	599.45	585.31	585.30	4.03	4.01	39.60	-3,633.57	1,021.28	3,762.24	3,754.21	8.03	468.286		
700.00	698.70	688.16	688.14	4.30	4.28	39.84	-3,633.68	1,021.60	3,753.03	3,744.45	8.58	437.540		
800.00	797.47	795.52	795.51	4.61	4.59	40.15	-3,633.59	1,022.01	3,741.00	3,731.80	9.19	406.946		
900.00	895.62	902.03	902.02	4.95	4.92	40.54	-3,633.23	1,022.41	3,726.12	3,716.27	9.85	378.114		
1,000.00	993.06	985.91	985.89	5.33	5.20	40.96	-3,633.06	1,022.58	3,708.75	3,698.26	10.49	353.614		
1,100.00	1,090.08	1,078.93	1,078.92	5.74	5.52	41.19	-3,633.13	1,022.70	3,690.38	3,679.20	11.19	329.938		
1,200.00	1,187.11	1,179.96	1,179.95	6.17	5.87	41.45	-3,633.23	1,022.72	3,672.08	3,660.15	11.93	307.830		
1,300.00	1,284.14	1,269.82	1,269.80	6.61	6.19	41.68	-3,633.32	1,022.72	3,653.84	3,641.18	12.66	288.670		
1,400.00	1,381.17	1,377.49	1,377.47	7.07	6.58	41.96	-3,633.48	1,022.85	3,635.75	3,622.28	13.47	269.875		
1,500.00	1,478.20	1,471.96	1,471.95	7.55	6.93	42.20	-3,633.39	1,022.84	3,617.46	3,603.21	14.25	253.801		
1,600.00	1,575.23	1,570.74	1,570.72	8.03	7.30	42.47	-3,633.48	1,022.60	3,599.36	3,584.30	15.06	238.984		
1,700.00	1,672.26	1,660.97	1,660.95	8.52	7.64	42.71	-3,633.51	1,022.43	3,581.31	3,565.46	15.85	225.920		
1,800.00	1,769.29	1,751.25	1,751.24	9.01	7.99	42.96	-3,633.83	1,022.18	3,563.60	3,546.94	16.66	213.942		
1,900.00	1,866.32	1,844.74	1,844.72	9.51	8.36	43.22	-3,634.29	1,021.75	3,546.06	3,528.58	17.48	202.810		
2,000.00	1,963.35	1,946.89	1,946.87	10.02	8.76	43.50	-3,634.86	1,021.30	3,528.68	3,510.32	18.35	192.266		
2,100.00	2,060.38	2,048.51	2,048.49	10.53	9.16	43.80	-3,635.16	1,020.57	3,511.06	3,491.83	19.23	182.616		
2,200.00	2,157.41	2,147.19	2,147.16	11.04	9.56	44.09	-3,635.59	1,019.63	3,493.61	3,473.52	20.10	173.851		
2,300.00	2,254.44	2,248.41	2,248.38	11.56	9.97	44.39	-3,635.79	1,018.59	3,476.02	3,455.04	20.98	165.682		
2,400.00	2,351.47	2,342.33	2,342.29	12.07	10.35	44.68	-3,636.06	1,017.55	3,458.59	3,436.74	21.84	158.333		
2,500.00	2,448.50	2,439.56	2,439.52	12.59	10.75	44.97	-3,636.32	1,016.72	3,441.27	3,418.54	22.73	151.429		
2,600.00	2,545.53	2,540.04	2,539.99	13.12	11.16	45.28	-3,636.54	1,015.86	3,424.00	3,400.38	23.62	144.941		
2,700.00	2,642.56	2,641.71	2,641.65	13.64	11.58	45.59	-3,636.61	1,014.88	3,406.66	3,382.13	24.53	138.879		
2,800.00	2,739.59	2,740.93	2,740.87	14.17	11.99	45.90	-3,636.58	1,014.13	3,389.35	3,363.92	25.43	133.280		
2,900.00	2,836.62	2,837.40	2,837.34	14.69	12.39	46.20	-3,636.47	1,013.34	3,372.05	3,345.72	26.32	128.096		
3,000.00	2,933.65	2,926.04	2,925.97	15.22	12.76	46.48	-3,636.54	1,012.51	3,355.01	3,327.81	27.19	123.372		
3,100.00	3,030.68	3,016.12	3,016.05	15.75	13.14	46.77	-3,636.81	1,011.81	3,338.31	3,310.24	28.07	118.912		
3,200.00	3,127.71	3,114.55	3,114.48	16.28	13.55	47.09	-3,637.11	1,011.27	3,321.74	3,292.75	28.99	114.595		
3,300.00	3,224.74	3,204.12	3,204.05	16.82	13.93	47.37	-3,637.43	1,011.18	3,305.38	3,275.52	29.87	110.669		
3,400.00	3,321.76	3,302.39	3,302.31	17.35	14.34	47.68	-3,637.86	1,011.18	3,289.21	3,258.43	30.78	106.856		
3,500.00	3,418.79	3,403.54	3,403.47	17.88	14.77	48.00	-3,638.22	1,011.15	3,273.05	3,241.34	31.71	103.218		
3,600.00	3,515.82	3,490.12	3,490.04	18.42	15.13	48.28	-3,638.60	1,011.21	3,257.09	3,224.50	32.59	99.951		
3,700.00	3,612.85	3,594.35	3,594.27	18.95	15.57	48.62	-3,639.18	1,011.06	3,241.30	3,207.77	33.53	96.664		
3,800.00	3,709.88	3,682.53	3,682.45	19.49	15.95	48.91	-3,639.68	1,010.68	3,225.60	3,191.18	34.42	93.707		
3,900.00	3,806.91	3,787.75	3,787.67	20.02	16.39	49.27	-3,640.33	1,010.41	3,210.08	3,174.70	35.38	90.743		
4,000.00	3,903.94	3,890.46	3,890.37	20.56	16.83	49.61	-3,640.67	1,010.32	3,194.39	3,158.07	36.32	87.947		
4,100.00	4,000.97	3,988.31	3,988.23	21.09	17.25	49.94	-3,640.89	1,010.27	3,178.71	3,141.46	37.25	85.333		
4,200.00	4,098.00	4,088.04	4,087.95	21.63	17.67	50.28	-3,641.05	1,010.35	3,163.10	3,124.91	38.18	82.836		
4,300.00	4,195.03	4,185.67	4,185.58	22.17	18.08	50.61	-3,641.14	1,010.59	3,147.53	3,108.42	39.11	80.482		
4,400.00	4,292.06	4,278.44	4,278.36	22.71	18.46	50.92	-3,641.26	1,010.99	3,132.12	3,092.11	40.02	78.271		
4,500.00	4,389.09	4,377.21	4,377.12	23.25	18.88	51.26	-3,641.47	1,011.41	3,116.90	3,075.95	40.95	76.121		
4,600.00	4,486.12	4,470.67	4,470.58	23.78	19.27	51.58	-3,641.63	1,012.01	3,101.76	3,059.90	41.86	74.098		
4,700.00	4,583.15	4,564.46	4,564.37	24.32	19.66	51.90	-3,641.95	1,012.43	3,086.87	3,044.09	42.78	72.157		
4,800.00	4,680.18	4,661.38	4,661.29	24.86	20.07	52.25	-3,642.35	1,012.79	3,072.16	3,028.44	43.71	70.280		
4,900.00	4,777.21	4,748.50	4,748.41	25.40	20.45	52.56	-3,642.76	1,013.17	3,057.64	3,013.02	44.62	68.533		
5,000.00	4,874.24	4,834.01	4,833.92	25.94	20.81	52.86	-3,643.61	1,013.45	3,043.70	2,998.18	45.52	66.872		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - OTTOSON #2(PA) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	4,929.95	4,929.84	26.48	21.22	53.22	-3,644.72	1,013.46	3,030.04	2,983.58	46.46	65.225		
5,200.00	5,068.30	5,030.23	5,030.12	27.02	21.66	53.59	-3,645.88	1,013.25	3,016.50	2,969.09	47.41	63.622		
5,300.00	5,165.33	5,133.10	5,132.98	27.56	22.10	53.99	-3,646.85	1,012.77	3,002.86	2,954.48	48.38	62.067		
5,400.00	5,262.36	5,230.46	5,230.34	28.10	22.52	54.37	-3,647.75	1,012.43	2,989.34	2,940.01	49.33	60.598		
5,500.00	5,359.39	5,337.51	5,337.39	28.64	22.98	54.78	-3,648.51	1,012.34	2,975.75	2,925.44	50.32	59.142		
5,600.00	5,456.42	5,447.40	5,447.28	29.18	23.45	55.20	-3,648.88	1,012.30	2,961.94	2,910.63	51.31	57.729		
5,700.00	5,553.45	5,543.31	5,543.18	29.72	23.86	55.58	-3,648.88	1,012.04	2,947.92	2,895.67	52.25	56.419		
5,800.00	5,650.47	5,636.50	5,636.38	30.27	24.25	55.95	-3,649.21	1,011.85	2,934.37	2,881.19	53.18	55.173		
5,900.00	5,747.50	5,743.43	5,743.31	30.81	24.70	56.37	-3,649.21	1,011.89	2,920.62	2,866.46	54.16	53.927		
6,000.00	5,844.53	5,835.12	5,835.00	31.35	25.08	56.74	-3,649.23	1,012.18	2,907.02	2,851.94	55.09	52.773		
6,100.00	5,941.56	5,931.25	5,931.13	31.89	25.49	57.12	-3,649.44	1,012.44	2,893.75	2,837.72	56.03	51.645		
6,200.00	6,038.59	6,032.55	6,032.42	32.43	25.92	57.53	-3,649.42	1,012.51	2,880.39	2,823.40	56.99	50.540		
6,300.00	6,135.62	6,123.25	6,123.12	32.97	26.30	57.90	-3,649.61	1,012.69	2,867.38	2,809.46	57.92	49.505		
6,400.00	6,232.65	6,231.51	6,231.39	33.51	26.75	58.35	-3,649.60	1,012.87	2,854.32	2,795.41	58.91	48.456		
6,500.00	6,329.68	6,334.01	6,333.88	34.06	27.18	58.77	-3,649.38	1,013.22	2,841.18	2,781.31	59.87	47.457		
6,600.00	6,426.71	6,433.48	6,433.35	34.60	27.59	59.19	-3,648.90	1,013.34	2,827.95	2,767.12	60.82	46.494		
6,655.36	6,480.43	6,482.12	6,481.99	34.90	27.79	59.39	-3,648.74	1,013.43	2,820.75	2,759.42	61.33	45.990		
6,700.00	6,524.01	6,524.69	6,524.56	35.13	27.97	46.82	-3,648.65	1,013.53	2,814.90	2,753.15	61.74	45.591		
6,750.00	6,573.29	6,575.67	6,575.54	35.36	28.18	23.78	-3,648.52	1,013.59	2,808.01	2,745.83	62.18	45.160		
6,800.00	6,622.76	6,632.77	6,632.64	35.56	28.42	-7.20	-3,648.29	1,013.58	2,800.75	2,738.15	62.60	44.740		
6,850.00	6,672.13	6,695.02	6,694.89	35.73	28.67	-33.37	-3,647.80	1,013.58	2,793.03	2,730.01	63.01	44.324		
6,900.00	6,721.08	6,747.32	6,747.19	35.88	28.89	-49.73	-3,647.22	1,013.60	2,784.95	2,721.56	63.39	43.936		
6,950.00	6,769.31	6,798.01	6,797.87	36.03	29.10	-59.80	-3,646.61	1,013.65	2,776.69	2,712.94	63.75	43.555		
7,000.00	6,816.53	6,843.88	6,843.74	36.18	29.29	-66.53	-3,646.06	1,013.78	2,768.40	2,704.29	64.10	43.187		
7,050.00	6,862.44	6,912.19	6,887.66	36.34	29.58	-71.42	-3,645.55	1,014.04	2,760.20	2,695.65	64.56	42.757		
7,100.00	6,906.77	6,931.87	6,931.72	36.50	29.66	-75.24	-3,645.07	1,014.41	2,752.24	2,687.43	64.81	42.466		
7,150.00	6,949.23	6,974.05	6,973.89	36.68	29.84	-78.36	-3,644.61	1,014.77	2,744.62	2,679.44	65.17	42.113		
7,200.00	6,989.58	7,014.08	7,013.92	36.87	30.00	-81.00	-3,644.17	1,015.10	2,737.48	2,671.94	65.54	41.768		
7,250.00	7,027.55	7,051.71	7,051.55	37.09	30.16	-83.26	-3,643.76	1,015.42	2,730.98	2,665.06	65.91	41.432		
7,300.00	7,062.91	7,086.72	7,086.55	37.32	30.31	-85.21	-3,643.38	1,015.72	2,725.26	2,658.96	66.30	41.105		
7,350.00	7,095.45	7,118.88	7,118.72	37.59	30.44	-86.88	-3,643.03	1,015.99	2,720.47	2,653.77	66.70	40.788		
7,400.00	7,124.97	7,148.01	7,147.84	37.88	30.56	-88.30	-3,642.71	1,016.24	2,716.74	2,649.63	67.11	40.481		
7,450.00	7,151.28	7,173.92	7,173.74	38.21	30.67	-89.46	-3,642.43	1,016.46	2,714.21	2,646.67	67.54	40.186		
7,500.00	7,174.22	7,196.44	7,196.27	38.58	30.77	-90.37	-3,642.18	1,016.65	2,712.99	2,645.00	67.99	39.903		
7,518.83	7,181.95	7,204.02	7,203.84	38.73	30.80	-90.64	-3,642.10	1,016.71	2,712.89	2,644.72	68.17	39.798 CC		
7,550.00	7,193.65	7,215.45	7,215.27	38.98	30.85	-91.02	-3,641.98	1,016.81	2,713.17	2,644.72	68.45	39.635 ES		
7,600.00	7,209.45	7,230.82	7,230.64	39.43	30.91	-91.40	-3,641.81	1,016.94	2,714.83	2,645.89	68.94	39.382		
7,650.00	7,221.52	7,242.46	7,242.28	39.91	30.96	-91.52	-3,641.68	1,017.04	2,718.01	2,648.58	69.43	39.146		
7,700.00	7,229.79	7,250.30	7,250.12	40.42	30.99	-91.38	-3,641.60	1,017.10	2,722.74	2,652.81	69.94	38.931		
7,750.00	7,234.21	7,254.29	7,254.11	40.97	31.01	-90.95	-3,641.55	1,017.14	2,729.02	2,658.57	70.45	38.738		
7,780.56	7,235.00	7,254.82	7,254.64	41.32	31.01	-90.56	-3,641.55	1,017.14	2,733.61	2,662.85	70.76	38.633		
7,800.00	7,235.04	7,254.69	7,254.51	41.54	31.01	-90.56	-3,641.55	1,017.14	2,736.77	2,665.81	70.96	38.569		
7,900.00	7,235.26	7,254.05	7,253.87	42.82	31.01	-90.55	-3,641.56	1,017.13	2,755.14	2,683.09	72.06	38.235		
8,000.00	7,235.47	7,253.42	7,253.24	44.25	31.01	-90.53	-3,641.56	1,017.13	2,777.00	2,703.74	73.26	37.906		
8,100.00	7,235.68	7,252.78	7,252.60	45.82	31.00	-90.52	-3,641.57	1,017.12	2,802.26	2,727.72	74.54	37.593		
8,200.00	7,235.90	7,252.14	7,251.96	47.52	31.00	-90.51	-3,641.58	1,017.12	2,830.82	2,754.94	75.88	37.307		
8,300.00	7,236.11	7,251.50	7,251.32	49.34	31.00	-90.49	-3,641.58	1,017.11	2,862.60	2,785.34	77.25	37.055		
8,400.00	7,236.32	7,250.86	7,250.68	51.25	31.00	-90.48	-3,641.59	1,017.11	2,897.48	2,818.83	78.65	36.841		
8,500.00	7,236.54	7,250.23	7,250.05	53.26	30.99	-90.47	-3,641.60	1,017.10	2,935.35	2,855.30	80.05	36.670		
8,600.00	7,236.75	7,249.59	7,249.41	55.34	30.99	-90.45	-3,641.60	1,017.10	2,976.10	2,894.66	81.44	36.544		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - OTTOSON #2(PA) - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-MWD															
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
8,700.00	7,236.96	7,248.95	7,248.77	57.50	30.99	-90.44	-3,641.61	1,017.09	3,019.62	2,936.80	82.81	36.463			
8,800.00	7,237.17	7,248.31	7,248.13	59.71	30.98	-90.43	-3,641.62	1,017.09	3,065.78	2,981.62	84.16	36.428 SF			
8,900.00	7,237.39	7,247.67	7,247.49	61.98	30.98	-90.41	-3,641.63	1,017.08	3,114.46	3,028.99	85.47	36.438			
9,000.00	7,237.60	7,247.04	7,246.86	64.29	30.98	-90.40	-3,641.63	1,017.07	3,165.56	3,078.82	86.75	36.492			
9,100.00	7,237.81	7,246.40	7,246.22	66.65	30.98	-90.39	-3,641.64	1,017.07	3,218.96	3,130.98	87.98	36.587			
9,200.00	7,238.03	7,245.76	7,245.58	69.05	30.97	-90.37	-3,641.65	1,017.06	3,274.54	3,185.37	89.17	36.723			
9,300.00	7,238.24	7,245.12	7,244.94	71.48	30.97	-90.36	-3,641.65	1,017.06	3,332.19	3,241.88	90.31	36.898			
9,400.00	7,238.45	7,244.48	7,244.30	73.95	30.97	-90.34	-3,641.66	1,017.05	3,391.81	3,300.41	91.40	37.109			
9,500.00	7,238.67	7,243.85	7,243.67	76.44	30.97	-90.33	-3,641.67	1,017.05	3,453.30	3,360.85	92.45	37.354			
9,600.00	7,238.88	7,243.21	7,243.03	78.96	30.96	-90.32	-3,641.67	1,017.04	3,516.56	3,423.11	93.45	37.632			
9,700.00	7,239.09	7,242.57	7,242.39	81.50	30.96	-90.30	-3,641.68	1,017.04	3,581.49	3,487.09	94.40	37.940			
9,800.00	7,239.30	7,241.93	7,241.75	84.06	30.96	-90.29	-3,641.69	1,017.03	3,648.01	3,552.71	95.31	38.277			
9,900.00	7,239.52	7,241.29	7,241.11	86.64	30.96	-90.28	-3,641.70	1,017.03	3,716.03	3,619.86	96.17	38.641			
10,000.00	7,239.73	7,240.66	7,240.48	89.23	30.95	-90.26	-3,641.70	1,017.02	3,785.47	3,688.48	96.99	39.030			
10,100.00	7,239.94	7,240.02	7,239.84	91.85	30.95	-90.25	-3,641.71	1,017.02	3,856.25	3,758.48	97.77	39.442			
10,200.00	7,240.16	7,239.38	7,239.20	94.47	30.95	-90.24	-3,641.72	1,017.01	3,928.30	3,829.79	98.51	39.877			
10,300.00	7,240.37	7,238.74	7,238.56	97.11	30.94	-90.22	-3,641.72	1,017.00	4,001.56	3,902.34	99.21	40.333			
10,400.00	7,240.58	7,238.10	7,237.92	99.76	30.94	-90.21	-3,641.73	1,017.00	4,075.95	3,976.07	99.88	40.808			
10,500.00	7,240.80	7,237.46	7,237.29	102.43	30.94	-90.20	-3,641.74	1,016.99	4,151.41	4,050.90	100.51	41.302			
10,600.00	7,241.01	7,236.83	7,236.65	105.10	30.94	-90.18	-3,641.74	1,016.99	4,227.90	4,126.78	101.12	41.812			
10,700.00	7,241.22	7,236.19	7,236.01	107.79	30.93	-90.17	-3,641.75	1,016.98	4,305.35	4,203.66	101.69	42.339			
10,800.00	7,241.43	7,235.55	7,235.37	110.48	30.93	-90.15	-3,641.76	1,016.98	4,383.71	4,281.48	102.23	42.881			
10,900.00	7,241.65	7,234.91	7,234.73	113.18	30.93	-90.14	-3,641.76	1,016.97	4,462.94	4,360.19	102.75	43.436			
11,000.00	7,241.86	7,234.27	7,234.10	115.89	30.93	-90.13	-3,641.77	1,016.97	4,542.98	4,439.74	103.24	44.006			
11,100.00	7,242.07	7,233.64	7,233.46	118.60	30.92	-90.11	-3,641.78	1,016.96	4,623.80	4,520.10	103.70	44.587			
11,200.00	7,242.29	7,233.00	7,232.82	121.32	30.92	-90.10	-3,641.79	1,016.96	4,705.36	4,601.22	104.15	45.181			
11,300.00	7,242.50	7,232.36	7,232.18	124.05	30.92	-90.09	-3,641.79	1,016.95	4,787.62	4,683.06	104.57	45.785			
11,400.00	7,242.71	7,231.72	7,231.54	126.78	30.92	-90.07	-3,641.80	1,016.94	4,870.55	4,765.58	104.97	46.400			
11,500.00	7,242.93	7,231.08	7,230.91	129.52	30.91	-90.06	-3,641.81	1,016.94	4,954.10	4,848.75	105.35	47.025			
11,600.00	7,243.14	7,230.45	7,230.27	132.27	30.91	-90.05	-3,641.81	1,016.93	5,038.25	4,932.54	105.72	47.659			
11,700.00	7,243.35	7,229.81	7,229.63	135.02	30.91	-90.03	-3,641.82	1,016.93	5,122.97	5,016.91	106.06	48.301			
11,800.00	7,243.57	7,229.17	7,228.99	137.77	30.90	-90.02	-3,641.83	1,016.92	5,208.24	5,101.84	106.39	48.952			
11,900.00	7,243.78	7,228.53	7,228.35	140.53	30.90	-90.01	-3,641.83	1,016.92	5,294.02	5,187.31	106.71	49.611			
12,000.00	7,243.99	7,227.89	7,227.72	143.29	30.90	-89.99	-3,641.84	1,016.91	5,380.29	5,273.27	107.01	50.277			
12,100.00	7,244.20	7,227.26	7,227.08	146.05	30.90	-89.98	-3,641.85	1,016.91	5,467.03	5,359.72	107.30	50.949			
12,200.00	7,244.42	7,226.62	7,226.44	148.82	30.89	-89.97	-3,641.86	1,016.90	5,554.21	5,446.63	107.58	51.629			
12,300.00	7,244.63	7,225.98	7,225.80	151.60	30.89	-89.95	-3,641.86	1,016.90	5,641.82	5,533.97	107.85	52.314			
12,400.00	7,244.84	7,225.34	7,225.16	154.37	30.89	-89.94	-3,641.87	1,016.89	5,729.83	5,621.74	108.10	53.005			
12,500.00	7,245.06	7,224.70	7,224.53	157.15	30.89	-89.92	-3,641.88	1,016.89	5,818.24	5,709.89	108.34	53.702			
12,600.00	7,245.27	7,224.07	7,223.89	159.93	30.88	-89.91	-3,641.88	1,016.88	5,907.01	5,798.43	108.58	54.404			
12,700.00	7,245.48	7,223.43	7,223.25	162.71	30.88	-89.90	-3,641.89	1,016.87	5,996.13	5,887.33	108.80	55.111			
12,800.00	7,245.70	7,222.79	7,222.61	165.50	30.88	-89.88	-3,641.90	1,016.87	6,085.60	5,976.58	109.02	55.823			
12,900.00	7,245.91	7,222.15	7,221.97	168.29	30.88	-89.87	-3,641.90	1,016.86	6,175.38	6,066.16	109.22	56.539			
13,000.00	7,246.12	7,221.51	7,221.34	171.08	30.87	-89.86	-3,641.91	1,016.86	6,265.48	6,156.06	109.42	57.260			
13,100.00	7,246.33	7,220.88	7,220.70	173.87	30.87	-89.84	-3,641.92	1,016.85	6,355.87	6,246.26	109.61	57.984			
13,200.00	7,246.55	7,220.24	7,220.06	176.67	30.87	-89.83	-3,641.93	1,016.85	6,446.55	6,336.75	109.80	58.712			
13,300.00	7,246.76	7,219.60	7,219.42	179.47	30.86	-89.82	-3,641.93	1,016.84	6,537.50	6,427.52	109.98	59.444			
13,400.00	7,246.97	7,218.96	7,218.78	182.27	30.86	-89.80	-3,641.94	1,016.84	6,628.70	6,518.55	110.15	60.179			
13,500.00	7,247.19	7,218.32	7,218.15	185.07	30.86	-89.79	-3,641.95	1,016.83	6,720.16	6,609.85	110.32	60.917			
13,600.00	7,247.40	7,217.68	7,217.51	187.87	30.86	-89.78	-3,641.95	1,016.83	6,811.86	6,701.38	110.48	61.658			
13,700.00	7,247.61	7,217.05	7,216.87	190.68	30.85	-89.76	-3,641.96	1,016.82	6,903.79	6,793.16	110.63	62.403			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - OTTOSON #2(PA) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.83	7,216.41	7,216.23	193.48	30.85	-89.75	-3,641.97	1,016.82	6,995.94	6,885.16	110.78	63.149		
13,900.00	7,248.04	7,215.77	7,215.59	196.29	30.85	-89.74	-3,641.97	1,016.81	7,088.30	6,977.37	110.93	63.899		
14,000.00	7,248.25	7,215.13	7,214.96	199.10	30.85	-89.72	-3,641.98	1,016.80	7,180.87	7,069.80	111.07	64.651		
14,100.00	7,248.46	7,214.49	7,214.32	201.91	30.84	-89.71	-3,641.99	1,016.80	7,273.63	7,162.43	111.21	65.405		
14,200.00	7,248.68	7,213.86	7,213.68	204.72	30.84	-89.69	-3,641.99	1,016.79	7,366.59	7,255.25	111.34	66.162		
14,300.00	7,248.89	7,213.22	7,213.04	207.53	30.84	-89.68	-3,642.00	1,016.79	7,459.72	7,348.25	111.47	66.920		
14,400.00	7,249.10	7,212.58	7,212.40	210.35	30.84	-89.67	-3,642.01	1,016.78	7,553.03	7,441.44	111.60	67.681		
14,500.00	7,249.32	7,211.94	7,211.77	213.16	30.83	-89.65	-3,642.02	1,016.78	7,646.51	7,534.79	111.72	68.443		
14,600.00	7,249.53	7,211.30	7,211.13	215.98	30.83	-89.64	-3,642.02	1,016.77	7,740.16	7,628.32	111.84	69.207		
14,700.00	7,249.74	7,210.67	7,210.49	218.80	30.83	-89.63	-3,642.03	1,016.77	7,833.96	7,722.00	111.96	69.973		
14,800.00	7,249.96	7,210.03	7,209.85	221.62	30.82	-89.61	-3,642.04	1,016.76	7,927.91	7,815.84	112.07	70.740		
14,900.00	7,250.17	7,209.39	7,209.21	224.44	30.82	-89.60	-3,642.04	1,016.76	8,022.01	7,909.83	112.18	71.509		
15,000.00	7,250.38	7,208.75	7,208.58	227.26	30.82	-89.59	-3,642.05	1,016.75	8,116.25	8,003.96	112.29	72.279		
15,100.00	7,250.59	7,208.11	7,207.94	230.08	30.82	-89.57	-3,642.06	1,016.75	8,210.62	8,098.23	112.40	73.051		
15,200.00	7,250.81	7,207.48	7,207.30	232.90	30.81	-89.56	-3,642.06	1,016.74	8,305.13	8,192.63	112.50	73.823		
15,300.00	7,251.02	7,206.84	7,206.66	235.72	30.81	-89.55	-3,642.07	1,016.73	8,399.76	8,287.16	112.60	74.597		
15,400.00	7,251.23	7,206.20	7,206.02	238.55	30.81	-89.53	-3,642.08	1,016.73	8,494.52	8,381.82	112.70	75.372		
15,500.00	7,251.45	7,205.56	7,205.39	241.37	30.81	-89.52	-3,642.09	1,016.72	8,589.40	8,476.60	112.80	76.148		
15,600.00	7,251.66	7,204.92	7,204.75	244.20	30.80	-89.50	-3,642.09	1,016.72	8,684.39	8,571.49	112.89	76.925		
15,700.00	7,251.87	7,204.29	7,204.11	247.03	30.80	-89.49	-3,642.10	1,016.71	8,779.49	8,666.50	112.99	77.703		
15,800.00	7,252.09	7,203.65	7,203.47	249.85	30.80	-89.48	-3,642.11	1,016.71	8,874.70	8,761.62	113.08	78.482		
15,900.00	7,252.30	7,203.01	7,202.83	252.68	30.80	-89.46	-3,642.11	1,016.70	8,970.01	8,856.84	113.17	79.261		
16,000.00	7,252.51	7,202.37	7,202.20	255.51	30.79	-89.45	-3,642.12	1,016.70	9,065.43	8,952.17	113.26	80.041		
16,100.00	7,252.72	7,201.73	7,201.56	258.34	30.79	-89.44	-3,642.13	1,016.69	9,160.94	9,047.59	113.35	80.822		
16,200.00	7,252.94	7,201.10	7,200.92	261.17	30.79	-89.42	-3,642.13	1,016.69	9,256.55	9,143.11	113.43	81.603		
16,300.00	7,253.15	7,200.46	7,200.28	264.00	30.78	-89.41	-3,642.14	1,016.68	9,352.25	9,238.73	113.52	82.385		
16,400.00	7,253.36	7,199.82	7,199.64	266.83	30.78	-89.40	-3,642.15	1,016.68	9,448.03	9,334.43	113.60	83.167		
16,500.00	7,253.58	7,199.18	7,199.01	269.66	30.78	-89.38	-3,642.15	1,016.67	9,543.91	9,430.22	113.69	83.950		
16,600.00	7,253.79	7,198.54	7,198.37	272.50	30.78	-89.37	-3,642.16	1,016.66	9,639.87	9,526.10	113.77	84.733		
16,700.00	7,254.00	7,197.91	7,197.73	275.33	30.77	-89.36	-3,642.17	1,016.66	9,735.91	9,622.06	113.85	85.517		
16,800.00	7,254.22	7,197.27	7,197.09	278.16	30.77	-89.34	-3,642.18	1,016.65	9,832.02	9,718.10	113.93	86.301		
16,900.00	7,254.43	7,196.63	7,196.45	281.00	30.77	-89.33	-3,642.18	1,016.65	9,928.22	9,814.21	114.01	87.085		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - OTTOSON #3(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-GYRO-NS														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	138.81	-1,126.05	985.35	1,496.73					
100.00	100.00	69.32	69.32	3.28	3.28	138.81	-1,125.99	985.23	1,496.18	1,489.61	6.57	227.794		
200.00	200.00	173.73	173.73	3.34	3.32	138.82	-1,125.70	984.70	1,495.64	1,488.98	6.66	224.570		
300.00	300.00	271.69	271.68	3.44	3.42	138.83	-1,125.35	984.18	1,495.02	1,488.16	6.86	217.925		
400.00	399.98	374.15	374.14	3.60	3.56	13.86	-1,125.03	983.71	1,492.79	1,485.63	7.16	208.465		
500.00	499.84	476.70	476.69	3.79	3.76	13.95	-1,124.52	983.06	1,486.92	1,479.37	7.55	196.947		
600.00	599.45	576.23	576.22	4.03	3.98	14.08	-1,123.94	982.39	1,477.58	1,469.57	8.01	184.432		
700.00	698.70	676.82	676.80	4.30	4.24	14.27	-1,123.39	981.65	1,464.87	1,456.33	8.54	171.484		
800.00	797.47	777.61	777.59	4.61	4.53	14.52	-1,122.83	980.69	1,448.68	1,439.55	9.13	158.677		
900.00	895.62	874.87	874.84	4.95	4.83	14.83	-1,122.29	979.67	1,429.11	1,419.36	9.75	146.531		
1,000.00	993.06	972.91	972.87	5.33	5.14	15.20	-1,121.76	978.66	1,406.30	1,395.88	10.42	134.992		
1,100.00	1,090.08	1,069.17	1,069.13	5.74	5.47	15.49	-1,121.29	977.54	1,381.82	1,370.72	11.10	124.449		
1,200.00	1,187.11	1,164.93	1,164.88	6.17	5.80	15.78	-1,120.82	976.53	1,357.46	1,345.65	11.81	114.943		
1,300.00	1,284.14	1,263.60	1,263.54	6.61	6.16	16.08	-1,120.20	975.66	1,333.12	1,320.57	12.55	106.233		
1,400.00	1,381.17	1,360.65	1,360.59	7.07	6.51	16.38	-1,119.50	974.67	1,308.66	1,295.36	13.30	98.378		
1,500.00	1,478.20	1,456.67	1,456.59	7.55	6.87	16.70	-1,118.90	973.67	1,284.31	1,270.24	14.07	91.286		
1,600.00	1,575.23	1,552.35	1,552.27	8.03	7.23	17.03	-1,118.23	972.83	1,260.04	1,245.19	14.85	84.859		
1,700.00	1,672.26	1,647.63	1,647.55	8.52	7.60	17.36	-1,117.64	972.09	1,235.92	1,220.28	15.64	79.028		
1,800.00	1,769.29	1,744.96	1,744.87	9.01	7.98	17.73	-1,117.30	971.11	1,211.92	1,195.48	16.45	73.691		
1,900.00	1,866.32	1,839.34	1,839.25	9.51	8.35	18.10	-1,116.85	970.19	1,187.89	1,170.64	17.25	68.849		
2,000.00	1,963.35	1,929.06	1,928.96	10.02	8.71	18.45	-1,116.70	969.80	1,164.46	1,146.41	18.06	64.494		
2,100.00	2,060.38	2,022.33	2,022.23	10.53	9.08	18.84	-1,117.01	969.44	1,141.51	1,122.63	18.87	60.482		
2,200.00	2,157.41	2,117.34	2,117.24	11.04	9.46	19.27	-1,117.63	969.06	1,118.85	1,099.15	19.70	56.789		
2,300.00	2,254.44	2,213.91	2,213.81	11.56	9.84	19.71	-1,118.29	968.83	1,096.37	1,075.83	20.54	53.376		
2,400.00	2,351.47	2,311.75	2,311.65	12.07	10.24	20.19	-1,119.02	968.45	1,073.93	1,052.54	21.39	50.213		
2,500.00	2,448.50	2,408.84	2,408.73	12.59	10.63	20.69	-1,119.81	967.93	1,051.52	1,029.29	22.24	47.284		
2,600.00	2,545.53	2,504.32	2,504.20	13.12	11.02	21.20	-1,120.58	967.58	1,029.28	1,006.20	23.09	44.578		
2,700.00	2,642.56	2,601.79	2,601.67	13.64	11.42	21.73	-1,121.34	967.33	1,007.17	983.22	23.95	42.054		
2,800.00	2,739.59	2,697.16	2,697.04	14.17	11.81	22.28	-1,122.16	967.07	985.21	960.40	24.81	39.711		
2,900.00	2,836.62	2,795.92	2,795.80	14.69	12.21	22.87	-1,122.98	966.88	963.35	937.67	25.68	37.513		
3,000.00	2,933.65	2,890.63	2,890.50	15.22	12.60	23.45	-1,123.71	966.82	941.62	915.07	26.55	35.470		
3,100.00	3,030.68	2,988.31	2,988.18	15.75	13.00	24.08	-1,124.58	966.81	920.11	892.68	27.42	33.552		
3,200.00	3,127.71	3,085.95	3,085.81	16.28	13.41	24.75	-1,125.43	966.70	898.63	870.33	28.30	31.750		
3,300.00	3,224.74	3,185.45	3,185.31	16.82	13.82	25.46	-1,126.20	966.44	877.14	847.95	29.19	30.050		
3,400.00	3,321.76	3,281.86	3,281.72	17.35	14.22	26.18	-1,126.80	966.18	855.63	825.56	30.08	28.450		
3,500.00	3,418.79	3,375.28	3,375.14	17.88	14.61	26.92	-1,127.61	966.00	834.52	803.56	30.96	26.953		
3,600.00	3,515.82	3,463.76	3,463.60	18.42	14.98	27.67	-1,129.00	965.98	814.25	782.40	31.85	25.567		
3,700.00	3,612.85	3,553.80	3,553.61	18.95	15.36	28.47	-1,131.39	966.33	795.25	762.51	32.74	24.291		
3,800.00	3,709.88	3,648.68	3,648.44	19.49	15.75	29.34	-1,134.41	967.04	777.07	743.42	33.64	23.098		
3,900.00	3,806.91	3,746.75	3,746.45	20.02	16.17	30.29	-1,137.58	967.85	759.15	724.60	34.56	21.969		
4,000.00	3,903.94	3,846.39	3,846.05	20.56	16.59	31.29	-1,140.65	968.61	741.29	705.82	35.48	20.896		
4,100.00	4,000.97	3,945.63	3,945.24	21.09	17.00	32.35	-1,143.43	969.17	723.33	686.93	36.40	19.872		
4,200.00	4,098.00	4,043.85	4,043.42	21.63	17.42	33.45	-1,146.14	969.58	705.52	668.19	37.33	18.900		
4,300.00	4,195.03	4,143.05	4,142.60	22.17	17.83	34.62	-1,148.66	970.00	687.78	649.51	38.26	17.974		
4,400.00	4,292.06	4,241.88	4,241.40	22.71	18.25	35.85	-1,150.94	970.29	670.07	630.86	39.21	17.091		
4,500.00	4,389.09	4,340.56	4,340.06	23.25	18.66	37.13	-1,153.04	970.63	652.52	612.36	40.15	16.251		
4,600.00	4,486.12	4,439.61	4,439.09	23.78	19.08	38.50	-1,154.92	970.78	635.03	593.92	41.11	15.448		
4,700.00	4,583.15	4,537.38	4,536.85	24.32	19.49	39.94	-1,156.66	970.63	617.72	575.65	42.07	14.683		
4,800.00	4,680.18	4,634.51	4,633.95	24.86	19.90	41.48	-1,158.46	970.34	600.86	557.81	43.04	13.959		
4,900.00	4,777.21	4,732.81	4,732.24	25.40	20.32	43.10	-1,160.15	970.15	584.35	540.32	44.03	13.273		
5,000.00	4,874.24	4,831.18	4,830.60	25.94	20.73	44.79	-1,161.57	970.23	568.10	523.08	45.02	12.620		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - OTTOSON #3(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-GYRO-NS														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
5,100.00	4,971.27	4,929.72	4,929.14	26.48	21.15	46.53	-1,162.77	970.69	552.21	506.19	46.01	12.001		
5,200.00	5,068.30	5,028.82	5,028.23	27.02	21.57	48.39	-1,163.58	971.02	536.45	489.43	47.02	11.409		
5,300.00	5,165.33	5,126.08	5,125.49	27.56	21.98	50.36	-1,164.37	970.98	521.23	473.19	48.04	10.850		
5,400.00	5,262.36	5,225.29	5,224.69	28.10	22.40	52.49	-1,164.88	970.94	506.37	457.30	49.07	10.319		
5,500.00	5,359.39	5,322.92	5,322.32	28.64	22.81	54.70	-1,165.13	970.84	491.98	441.87	50.12	9.817		
5,600.00	5,456.42	5,420.07	5,419.47	29.18	23.22	57.07	-1,165.38	970.43	478.39	427.22	51.17	9.348		
5,700.00	5,553.45	5,519.44	5,518.84	29.72	23.65	59.67	-1,165.27	969.63	465.35	413.11	52.24	8.908		
5,800.00	5,650.47	5,617.92	5,617.31	30.27	24.06	62.41	-1,164.73	968.77	452.89	399.58	53.32	8.494		
5,900.00	5,747.50	5,715.83	5,715.21	30.81	24.48	65.28	-1,163.85	967.87	441.19	386.79	54.40	8.110		
6,000.00	5,844.53	5,812.52	5,811.90	31.35	24.89	68.24	-1,162.92	967.11	430.58	375.09	55.49	7.759		
6,100.00	5,941.56	5,909.65	5,909.02	31.89	25.30	71.33	-1,161.96	966.50	421.17	364.59	56.59	7.443		
6,200.00	6,038.59	6,005.93	6,005.29	32.43	25.70	74.51	-1,161.08	965.89	413.17	355.49	57.67	7.164		
6,300.00	6,135.62	6,107.95	6,107.30	32.97	26.14	78.04	-1,159.44	965.22	405.94	347.19	58.75	6.910		
6,400.00	6,232.65	6,204.50	6,203.82	33.51	26.54	81.54	-1,157.21	964.45	399.69	339.87	59.82	6.681		
6,500.00	6,329.68	6,304.69	6,303.96	34.06	26.97	85.32	-1,154.25	963.58	394.57	333.69	60.88	6.482		
6,600.00	6,426.71	6,403.13	6,402.35	34.60	27.39	89.07	-1,150.92	963.38	390.49	328.59	61.90	6.308		
6,655.36	6,480.43	6,454.62	6,453.81	34.90	27.60	91.00	-1,149.42	963.62	388.98	326.52	62.46	6.228		
6,700.00	6,524.01	6,496.66	6,495.83	35.13	27.78	93.07	-1,148.46	963.89	387.33	324.44	62.89	6.159		
6,750.00	6,573.29	6,543.62	6,542.79	35.36	27.98	95.42	-1,147.72	964.26	383.64	320.31	63.33	6.058		
6,800.00	6,622.76	6,590.80	6,589.97	35.56	28.18	97.87	-1,147.35	964.66	377.88	314.15	63.73	5.930		
6,850.00	6,672.13	6,637.86	6,637.03	35.73	28.38	100.00	-1,147.30	965.01	369.97	305.88	64.09	5.772		
6,900.00	6,721.08	6,684.58	6,683.75	35.88	28.58	102.00	-1,147.48	965.18	359.93	295.49	64.44	5.585		
6,950.00	6,769.31	6,731.81	6,730.98	36.03	28.78	104.00	-1,147.85	965.20	347.80	283.01	64.79	5.368		
7,000.00	6,816.53	6,778.63	6,777.80	36.18	28.97	106.00	-1,148.25	965.16	333.61	268.46	65.14	5.121		
7,050.00	6,862.44	6,823.95	6,823.11	36.34	29.17	108.00	-1,148.69	965.05	317.66	252.18	65.48	4.851		
7,100.00	6,906.77	6,867.55	6,866.71	36.50	29.35	110.00	-1,149.21	964.90	300.49	234.67	65.82	4.565		
7,150.00	6,949.23	6,909.62	6,908.77	36.68	29.53	112.00	-1,149.82	964.69	282.76	216.62	66.14	4.275		
7,200.00	6,989.58	6,950.27	6,949.42	36.87	29.70	114.00	-1,150.42	964.46	265.32	198.90	66.42	3.995		
7,250.00	7,027.55	6,988.57	6,987.71	37.09	29.87	116.00	-1,150.98	964.24	249.39	182.76	66.63	3.743		
7,300.00	7,062.91	7,024.21	7,023.34	37.32	30.02	118.00	-1,151.48	964.03	236.59	169.88	66.71	3.547		
7,350.00	7,095.45	7,056.96	7,056.10	37.59	30.16	120.00	-1,151.96	963.85	228.82	162.21	66.61	3.435		
7,381.27	7,114.28	7,075.91	7,075.04	37.77	30.24	122.00	-1,152.23	963.76	227.34	160.90	66.44	3.422 CC, ES, SF		
7,400.00	7,124.97	7,086.67	7,085.80	37.88	30.28	124.00	-1,152.39	963.71	227.90	161.60	66.30	3.437		
7,450.00	7,151.28	7,113.19	7,112.32	38.21	30.40	126.00	-1,152.79	963.59	235.11	169.27	65.84	3.571		
7,500.00	7,174.22	7,136.38	7,135.50	38.58	30.50	128.00	-1,153.14	963.48	250.75	185.40	65.35	3.837		
7,550.00	7,193.65	7,156.05	7,155.18	38.98	30.58	130.00	-1,153.43	963.39	274.15	209.22	64.93	4.222		
7,600.00	7,209.45	7,172.10	7,171.22	39.43	30.65	132.00	-1,153.67	963.32	304.10	239.48	64.62	4.706		
7,650.00	7,221.52	7,184.42	7,183.54	39.91	30.70	134.00	-1,153.86	963.27	339.22	274.80	64.42	5.266		
7,700.00	7,229.79	7,192.93	7,192.05	40.42	30.74	136.00	-1,153.99	963.23	378.27	313.96	64.31	5.882		
7,750.00	7,234.21	7,197.59	7,196.70	40.97	30.76	138.00	-1,154.06	963.21	420.17	355.92	64.25	6.540		
7,780.56	7,235.00	7,198.52	7,197.63	41.32	30.76	140.00	-1,154.07	963.20	446.80	382.57	64.22	6.957		
7,800.00	7,235.04	7,198.65	7,197.76	41.54	30.76	142.00	-1,154.07	963.20	464.03	399.81	64.22	7.226		
7,900.00	7,235.26	7,199.32	7,198.43	42.82	30.76	144.00	-1,154.08	963.20	554.96	490.75	64.22	8.642		
8,000.00	7,235.47	7,199.98	7,199.10	44.25	30.77	146.00	-1,154.09	963.20	648.57	584.31	64.26	10.093		
8,100.00	7,235.68	7,200.65	7,199.77	45.82	30.77	148.00	-1,154.10	963.19	743.85	679.54	64.31	11.566		
8,200.00	7,235.90	7,201.32	7,200.44	47.52	30.77	150.00	-1,154.11	963.19	840.22	775.85	64.37	13.054		
8,300.00	7,236.11	7,201.99	7,201.11	49.34	30.78	152.00	-1,154.12	963.19	937.36	872.94	64.42	14.551		
8,400.00	7,236.32	7,202.66	7,201.77	51.25	30.78	154.00	-1,154.13	963.19	1,035.03	970.57	64.47	16.055		
8,500.00	7,236.54	7,203.33	7,202.44	53.26	30.78	156.00	-1,154.14	963.18	1,133.12	1,068.60	64.51	17.564		
8,600.00	7,236.75	7,203.99	7,203.11	55.34	30.78	158.00	-1,154.15	963.18	1,231.51	1,166.95	64.56	19.077		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - OTTOSON #3(PR) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,236.96	7,204.66	7,203.78	57.50	30.79	-91.52	-1,154.16	963.18	1,330.14	1,265.54	64.59	20.592		
8,800.00	7,237.17	7,205.33	7,204.45	59.71	30.79	-91.71	-1,154.17	963.17	1,428.96	1,364.33	64.63	22.109		
8,900.00	7,237.39	7,206.00	7,205.11	61.98	30.79	-91.89	-1,154.18	963.17	1,527.93	1,463.27	64.67	23.627		
9,000.00	7,237.60	7,206.67	7,205.78	64.29	30.80	-92.07	-1,154.19	963.17	1,627.03	1,562.33	64.70	25.146		
9,100.00	7,237.81	7,207.34	7,206.45	66.65	30.80	-92.25	-1,154.20	963.16	1,726.24	1,661.50	64.74	26.666		
9,200.00	7,238.03	7,208.00	7,207.12	69.05	30.80	-92.43	-1,154.21	963.16	1,825.53	1,760.76	64.77	28.185		
9,300.00	7,238.24	7,208.67	7,207.79	71.48	30.80	-92.61	-1,154.22	963.16	1,924.89	1,860.09	64.80	29.704		
9,400.00	7,238.45	7,209.34	7,208.46	73.95	30.81	-92.79	-1,154.23	963.16	2,024.31	1,959.48	64.83	31.223		
9,500.00	7,238.67	7,210.01	7,209.12	76.44	30.81	-92.97	-1,154.24	963.15	2,123.79	2,058.93	64.87	32.742		
9,600.00	7,238.88	7,210.68	7,209.79	78.96	30.81	-93.15	-1,154.25	963.15	2,223.32	2,158.42	64.90	34.259		
9,700.00	7,239.09	7,211.35	7,210.46	81.50	30.82	-93.33	-1,154.26	963.15	2,322.89	2,257.96	64.93	35.776		
9,800.00	7,239.30	7,212.01	7,211.13	84.06	30.82	-93.51	-1,154.27	963.14	2,422.49	2,357.53	64.96	37.291		
9,900.00	7,239.52	7,212.68	7,211.80	86.64	30.82	-93.70	-1,154.28	963.14	2,522.12	2,457.13	64.99	38.806		
10,000.00	7,239.73	7,213.35	7,212.47	89.23	30.82	-93.88	-1,154.29	963.14	2,621.78	2,556.75	65.03	40.319		
10,100.00	7,239.94	7,214.02	7,213.14	91.85	30.83	-94.06	-1,154.30	963.13	2,721.47	2,656.41	65.06	41.831		
10,200.00	7,240.16	7,214.69	7,213.80	94.47	30.83	-94.24	-1,154.31	963.13	2,821.17	2,756.08	65.09	43.341		
10,300.00	7,240.37	7,215.36	7,214.47	97.11	30.83	-94.42	-1,154.32	963.13	2,920.90	2,855.77	65.13	44.849		
10,400.00	7,240.58	7,216.03	7,215.14	99.76	30.84	-94.60	-1,154.33	963.13	3,020.65	2,955.49	65.16	46.356		
10,500.00	7,240.80	7,216.69	7,215.81	102.43	30.84	-94.78	-1,154.34	963.12	3,120.41	3,055.21	65.20	47.861		
10,600.00	7,241.01	7,217.36	7,216.48	105.10	30.84	-94.96	-1,154.35	963.12	3,220.19	3,154.95	65.23	49.364		
10,700.00	7,241.22	7,218.03	7,217.15	107.79	30.84	-95.14	-1,154.36	963.12	3,319.97	3,254.70	65.27	50.865		
10,800.00	7,241.43	7,218.70	7,217.82	110.48	30.85	-95.32	-1,154.37	963.11	3,419.78	3,354.47	65.31	52.364		
10,900.00	7,241.65	7,219.37	7,218.48	113.18	30.85	-95.49	-1,154.38	963.11	3,519.59	3,454.24	65.35	53.861		
11,000.00	7,241.86	7,220.04	7,219.15	115.89	30.85	-95.67	-1,154.39	963.11	3,619.41	3,554.03	65.38	55.356		
11,100.00	7,242.07	7,220.71	7,219.82	118.60	30.86	-95.85	-1,154.40	963.10	3,719.24	3,653.82	65.42	56.848		
11,200.00	7,242.29	7,221.38	7,220.49	121.32	30.86	-96.03	-1,154.41	963.10	3,819.09	3,753.62	65.47	58.338		
11,300.00	7,242.50	7,222.04	7,221.16	124.05	30.86	-96.21	-1,154.42	963.10	3,918.94	3,853.43	65.51	59.825		
11,400.00	7,242.71	7,222.71	7,221.83	126.78	30.86	-96.39	-1,154.43	963.10	4,018.79	3,953.24	65.55	61.310		
11,500.00	7,242.93	7,223.38	7,222.50	129.52	30.87	-96.57	-1,154.44	963.09	4,118.65	4,053.06	65.59	62.792		
11,600.00	7,243.14	7,224.05	7,223.16	132.27	30.87	-96.75	-1,154.45	963.09	4,218.52	4,152.89	65.64	64.272		
11,700.00	7,243.35	7,224.72	7,223.83	135.02	30.87	-96.93	-1,154.46	963.09	4,318.40	4,252.72	65.68	65.749		
11,800.00	7,243.57	7,225.39	7,224.50	137.77	30.88	-97.10	-1,154.47	963.08	4,418.28	4,352.56	65.73	67.223		
11,900.00	7,243.78	7,226.06	7,225.17	140.53	30.88	-97.28	-1,154.48	963.08	4,518.17	4,452.40	65.77	68.694		
12,000.00	7,243.99	7,226.72	7,225.84	143.29	30.88	-97.46	-1,154.49	963.08	4,618.06	4,552.24	65.82	70.163		
12,100.00	7,244.20	7,227.39	7,226.51	146.05	30.88	-97.64	-1,154.50	963.07	4,717.95	4,652.09	65.87	71.628		
12,200.00	7,244.42	7,228.06	7,227.18	148.82	30.89	-97.82	-1,154.51	963.07	4,817.85	4,751.94	65.92	73.090		
12,300.00	7,244.63	7,228.73	7,227.84	151.60	30.89	-97.99	-1,154.52	963.07	4,917.76	4,851.79	65.97	74.549		
12,400.00	7,244.84	7,229.40	7,228.51	154.37	30.89	-98.17	-1,154.53	963.07	5,017.67	4,951.65	66.02	76.005		
12,500.00	7,245.06	7,230.07	7,229.18	157.15	30.89	-98.35	-1,154.54	963.06	5,117.58	5,051.51	66.07	77.458		
12,600.00	7,245.27	7,230.74	7,229.85	159.93	30.90	-98.52	-1,154.55	963.06	5,217.49	5,151.37	66.12	78.907		
12,700.00	7,245.48	7,231.41	7,230.52	162.71	30.90	-98.70	-1,154.56	963.06	5,317.41	5,251.23	66.18	80.353		
12,800.00	7,245.70	7,232.08	7,231.19	165.50	30.90	-98.88	-1,154.58	963.05	5,417.33	5,351.10	66.23	81.796		
12,900.00	7,245.91	7,232.74	7,231.86	168.29	30.91	-99.05	-1,154.59	963.05	5,517.25	5,450.97	66.28	83.235		
13,000.00	7,246.12	7,233.41	7,232.53	171.08	30.91	-99.23	-1,154.60	963.05	5,617.18	5,550.84	66.34	84.671		
13,100.00	7,246.33	7,234.08	7,233.19	173.87	30.91	-99.41	-1,154.61	963.04	5,717.11	5,650.71	66.40	86.103		
13,200.00	7,246.55	7,234.75	7,233.86	176.67	30.91	-99.58	-1,154.62	963.04	5,817.04	5,750.58	66.46	87.532		
13,300.00	7,246.76	7,235.42	7,234.53	179.47	30.92	-99.76	-1,154.63	963.04	5,916.97	5,850.46	66.52	88.957		
13,400.00	7,246.97	7,236.09	7,235.20	182.27	30.92	-99.93	-1,154.64	963.04	6,016.91	5,950.33	66.57	90.378		
13,500.00	7,247.19	7,236.76	7,235.87	185.07	30.92	-100.11	-1,154.65	963.03	6,116.84	6,050.21	66.64	91.796		
13,600.00	7,247.40	7,237.43	7,236.54	187.87	30.93	-100.28	-1,154.66	963.03	6,216.78	6,150.09	66.70	93.209		
13,700.00	7,247.61	7,238.10	7,237.21	190.68	30.93	-100.46	-1,154.67	963.03	6,316.72	6,249.96	66.76	94.619		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - OTTOSON #3(PR) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.83	7,238.77	7,237.88	193.48	30.93	-100.63	-1,154.68	963.02	6,416.67	6,349.84	66.82	96.025		
13,900.00	7,248.04	7,239.43	7,238.55	196.29	30.93	-100.81	-1,154.69	963.02	6,516.61	6,449.72	66.89	97.427		
14,000.00	7,248.25	7,240.10	7,239.21	199.10	30.94	-100.98	-1,154.70	963.02	6,616.56	6,549.61	66.95	98.825		
14,100.00	7,248.46	7,240.77	7,239.88	201.91	30.94	-101.16	-1,154.71	963.01	6,716.51	6,649.49	67.02	100.219		
14,200.00	7,248.68	7,241.44	7,240.55	204.72	30.94	-101.33	-1,154.72	963.01	6,816.45	6,749.37	67.08	101.609		
14,300.00	7,248.89	7,242.11	7,241.22	207.53	30.95	-101.50	-1,154.73	963.01	6,916.41	6,849.25	67.15	102.995		
14,400.00	7,249.10	7,242.78	7,241.89	210.35	30.95	-101.68	-1,154.74	963.01	7,016.36	6,949.14	67.22	104.377		
14,500.00	7,249.32	7,243.45	7,242.56	213.16	30.95	-101.85	-1,154.75	963.00	7,116.31	7,049.02	67.29	105.755		
14,600.00	7,249.53	7,244.12	7,243.23	215.98	30.95	-102.02	-1,154.76	963.00	7,216.27	7,148.90	67.36	107.128		
14,700.00	7,249.74	7,244.79	7,243.90	218.80	30.96	-102.20	-1,154.77	963.00	7,316.22	7,248.79	67.43	108.498		
14,800.00	7,249.96	7,245.46	7,244.57	221.62	30.96	-102.37	-1,154.78	962.99	7,416.18	7,348.67	67.50	109.863		
14,900.00	7,250.17	7,246.12	7,245.24	224.44	30.96	-102.54	-1,154.79	962.99	7,516.14	7,448.56	67.58	111.223		
15,000.00	7,250.38	7,246.79	7,245.91	227.26	30.97	-102.71	-1,154.80	962.99	7,616.09	7,548.44	67.65	112.580		
15,100.00	7,250.59	7,247.46	7,246.57	230.08	30.97	-102.88	-1,154.81	962.98	7,716.05	7,648.33	67.73	113.931		
15,200.00	7,250.81	7,248.13	7,247.24	232.90	30.97	-103.06	-1,154.82	962.98	7,816.02	7,748.21	67.80	115.279		
15,300.00	7,251.02	7,248.80	7,247.91	235.72	30.97	-103.23	-1,154.83	962.98	7,915.98	7,848.10	67.88	116.622		
15,400.00	7,251.23	7,249.47	7,248.58	238.55	30.98	-103.40	-1,154.84	962.98	8,015.94	7,947.99	67.95	117.961		
15,500.00	7,251.45	7,250.14	7,249.25	241.37	30.98	-103.57	-1,154.85	962.97	8,115.90	8,047.87	68.03	119.295		
15,600.00	7,251.66	7,250.81	7,249.92	244.20	30.98	-103.74	-1,154.86	962.97	8,215.87	8,147.76	68.11	120.625		
15,700.00	7,251.87	7,251.48	7,250.59	247.03	30.99	-103.91	-1,154.87	962.97	8,315.83	8,247.64	68.19	121.950		
15,800.00	7,252.09	7,252.15	7,251.26	249.85	30.99	-104.08	-1,154.88	962.96	8,415.80	8,347.53	68.27	123.271		
15,900.00	7,252.30	7,252.82	7,251.93	252.68	30.99	-104.25	-1,154.89	962.96	8,515.77	8,447.41	68.35	124.587		
16,000.00	7,252.51	7,253.49	7,252.60	255.51	30.99	-104.42	-1,154.90	962.96	8,615.73	8,547.30	68.43	125.898		
16,100.00	7,252.72	7,254.16	7,253.27	258.34	31.00	-104.59	-1,154.91	962.95	8,715.70	8,647.18	68.52	127.205		
16,200.00	7,252.94	7,254.82	7,253.93	261.17	31.00	-104.76	-1,154.92	962.95	8,815.67	8,747.07	68.60	128.507		
16,300.00	7,253.15	7,255.49	7,254.60	264.00	31.00	-104.92	-1,154.93	962.95	8,915.64	8,846.95	68.69	129.805		
16,400.00	7,253.36	7,256.16	7,255.27	266.83	31.01	-105.09	-1,154.94	962.95	9,015.61	8,946.84	68.77	131.097		
16,500.00	7,253.58	7,256.83	7,255.94	269.66	31.01	-105.26	-1,154.95	962.94	9,115.58	9,046.72	68.86	132.386		
16,600.00	7,253.79	7,257.50	7,256.61	272.50	31.01	-105.43	-1,154.96	962.94	9,215.55	9,146.61	68.94	133.669		
16,700.00	7,254.00	7,258.17	7,257.28	275.33	31.01	-105.60	-1,154.97	962.94	9,315.52	9,246.49	69.03	134.948		
16,800.00	7,254.22	7,258.84	7,257.95	278.16	31.02	-105.76	-1,154.98	962.93	9,415.50	9,346.38	69.12	136.221		
16,900.00	7,254.43	7,259.51	7,258.62	281.00	31.02	-105.93	-1,154.99	962.93	9,515.47	9,446.26	69.21	137.491		
17,000.00	7,254.64	7,260.18	7,259.29	283.83	31.02	-106.10	-1,155.00	962.93	9,615.44	9,546.14	69.30	138.755		
17,100.00	7,254.85	7,260.85	7,259.96	286.67	31.03	-106.26	-1,155.01	962.92	9,715.42	9,646.03	69.39	140.014		
17,200.00	7,255.07	7,261.52	7,260.63	289.50	31.03	-106.43	-1,155.02	962.92	9,815.39	9,745.91	69.48	141.269		
17,300.00	7,255.28	7,262.19	7,261.30	292.34	31.03	-106.59	-1,155.03	962.92	9,915.37	9,845.79	69.57	142.519		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - OTTOSON I #12-12(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-GYRO-NS														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	78.10	197.47	936.91	958.20					
100.00	100.00	65.26	65.26	3.28	3.28	78.09	197.53	936.81	957.42	950.85	6.57	145.776		
200.00	200.00	167.86	167.86	3.34	3.32	78.07	197.80	936.35	957.03	950.37	6.66	143.785		
300.00	300.00	267.06	267.05	3.44	3.41	78.05	198.00	935.79	956.51	949.66	6.85	139.544		
400.00	399.98	363.15	363.15	3.60	3.54	-47.05	198.08	935.52	955.07	947.93	7.14	133.745		
500.00	499.84	457.19	457.18	3.79	3.71	-47.31	198.11	935.77	951.78	944.27	7.50	126.829		
600.00	599.45	548.38	548.37	4.03	3.91	-47.71	197.92	936.73	946.87	938.93	7.94	119.287		
700.00	698.70	640.30	640.27	4.30	4.14	-48.27	197.59	938.67	940.65	932.21	8.44	111.465		
800.00	797.47	736.29	736.22	4.61	4.41	-49.02	197.12	941.21	932.71	923.70	9.01	103.524		
900.00	895.62	833.14	833.02	4.95	4.70	-49.96	196.44	944.06	922.88	913.24	9.64	95.765		
1,000.00	993.06	931.32	931.16	5.33	5.02	-51.12	195.73	947.14	911.21	900.89	10.32	88.310		
1,100.00	1,090.08	1,031.51	1,031.30	5.74	5.36	-52.22	194.71	950.03	898.44	887.40	11.05	81.326		
1,200.00	1,187.11	1,127.17	1,126.91	6.17	5.69	-53.30	193.64	952.90	886.08	874.28	11.79	75.124		
1,300.00	1,284.14	1,224.74	1,224.43	6.61	6.04	-54.43	192.75	955.93	874.22	861.65	12.58	69.512		
1,400.00	1,381.17	1,325.50	1,325.15	7.07	6.41	-55.63	191.73	958.82	862.47	849.07	13.39	64.398		
1,500.00	1,478.20	1,423.04	1,422.65	7.55	6.77	-56.85	191.04	961.35	850.95	836.73	14.22	59.848		
1,600.00	1,575.23	1,520.54	1,520.11	8.03	7.14	-58.11	190.49	963.90	839.91	824.85	15.06	55.767		
1,700.00	1,672.26	1,623.34	1,622.89	8.52	7.53	-59.48	189.94	966.26	829.02	813.09	15.94	52.022		
1,800.00	1,769.29	1,730.13	1,729.66	9.01	7.94	-60.98	189.30	967.54	817.58	800.75	16.84	48.564		
1,900.00	1,866.32	1,831.24	1,830.77	9.51	8.33	-62.44	188.48	967.96	805.87	788.14	17.73	45.461		
2,000.00	1,963.35	1,928.36	1,927.89	10.02	8.71	-63.89	187.57	968.16	794.44	775.83	18.62	42.677		
2,100.00	2,060.38	2,024.53	2,024.06	10.53	9.09	-65.38	186.99	968.43	783.76	764.25	19.51	40.172		
2,200.00	2,157.41	2,124.62	2,124.14	11.04	9.49	-66.97	186.24	968.45	773.37	752.95	20.42	37.865		
2,300.00	2,254.44	2,220.21	2,219.73	11.56	9.88	-68.53	185.54	968.46	763.59	742.25	21.33	35.795		
2,400.00	2,351.47	2,316.09	2,315.60	12.07	10.26	-70.14	184.94	968.57	754.56	732.32	22.25	33.917		
2,500.00	2,448.50	2,409.95	2,409.46	12.59	10.64	-71.76	184.74	968.81	746.53	723.37	23.16	32.231		
2,600.00	2,545.53	2,506.40	2,505.92	13.12	11.03	-73.47	184.82	969.13	739.43	715.34	24.09	30.695		
2,700.00	2,642.56	2,605.20	2,604.72	13.64	11.43	-75.26	184.90	969.37	732.97	707.94	25.03	29.287		
2,800.00	2,739.59	2,705.37	2,704.88	14.17	11.84	-77.10	184.78	969.34	726.92	700.95	25.97	27.989		
2,900.00	2,836.62	2,804.48	2,803.99	14.69	12.25	-78.97	184.51	968.98	721.29	694.38	26.91	26.801		
3,000.00	2,933.65	2,906.04	2,905.55	15.22	12.67	-80.89	183.74	968.42	715.99	688.12	27.86	25.696		
3,100.00	3,030.68	3,005.65	3,005.14	15.75	13.08	-82.76	182.35	967.83	710.98	682.17	28.81	24.680		
3,200.00	3,127.71	3,095.19	3,094.68	16.28	13.45	-84.48	181.46	967.43	707.13	677.41	29.72	23.792		
3,300.00	3,224.74	3,193.29	3,192.78	16.82	13.86	-86.39	180.88	967.19	704.52	673.86	30.66	22.978		
3,400.00	3,321.76	3,287.33	3,286.82	17.35	14.25	-88.20	180.22	967.24	702.80	671.22	31.58	22.252		
3,494.33	3,413.29	3,376.52	3,376.00	17.85	14.62	-89.90	179.70	967.78	702.30	669.85	32.45	21.641 CC		
3,500.00	3,418.79	3,381.90	3,381.38	17.88	14.64	-90.00	179.67	967.83	702.30	669.80	32.50	21.606		
3,600.00	3,515.82	3,474.43	3,473.90	18.42	15.03	-91.72	179.16	969.16	703.04	669.63	33.41	21.041 ES		
3,700.00	3,612.85	3,577.88	3,577.33	18.95	15.46	-93.57	178.32	971.39	704.67	670.30	34.37	20.504		
3,800.00	3,709.88	3,681.27	3,680.68	19.49	15.89	-95.40	176.44	973.10	705.87	670.55	35.32	19.987		
3,900.00	3,806.91	3,774.52	3,773.92	20.02	16.29	-97.13	175.10	973.69	707.62	671.40	36.22	19.537		
4,000.00	3,903.94	3,869.03	3,868.42	20.56	16.68	-98.90	174.49	974.22	710.75	673.63	37.12	19.148		
4,100.00	4,000.97	3,963.20	3,962.60	21.09	17.08	-100.70	174.40	974.33	714.95	676.94	38.01	18.809		
4,200.00	4,098.00	4,061.69	4,061.08	21.63	17.49	-102.54	174.50	974.66	720.19	681.27	38.92	18.505		
4,300.00	4,195.03	4,161.25	4,160.65	22.17	17.91	-104.40	174.25	974.63	725.75	685.92	39.83	18.222		
4,400.00	4,292.06	4,261.79	4,261.19	22.71	18.33	-106.26	173.79	974.31	731.77	691.03	40.74	17.962		
4,500.00	4,389.09	4,361.80	4,361.19	23.25	18.75	-108.09	172.85	973.68	738.00	696.36	41.64	17.723		
4,600.00	4,486.12	4,468.11	4,467.48	23.78	19.20	-109.99	171.21	972.93	744.40	701.83	42.57	17.486		
4,700.00	4,583.15	4,561.26	4,560.56	24.32	19.68	-111.99	167.47	971.57	749.72	706.20	43.52	17.227		
4,800.00	4,680.18	4,659.49	4,659.62	24.86	20.15	-113.90	161.68	969.76	753.78	709.34	44.44	16.961		
4,900.00	4,777.21	4,759.31	4,758.24	25.40	20.56	-115.55	155.59	968.45	757.64	712.31	45.32	16.717		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - OTTOSON I #12-12(PR) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,874.24	4,884.26	4,883.01	25.94	20.97	-117.09	149.75	967.77	762.31	716.12	46.19	16.504		
5,100.00	4,971.27	4,977.65	4,976.25	26.48	21.36	-118.59	144.41	967.11	768.01	720.96	47.05	16.325		
5,200.00	5,068.30	5,065.88	5,064.37	27.02	21.74	-120.01	140.11	966.23	775.09	727.22	47.87	16.192		
5,300.00	5,165.33	5,154.70	5,153.12	27.56	22.12	-121.42	136.92	965.41	784.00	735.32	48.68	16.104		
5,400.00	5,262.36	5,242.75	5,241.14	28.10	22.49	-122.80	134.63	964.44	794.47	744.99	49.48	16.057		
5,500.00	5,359.39	5,331.02	5,329.39	28.64	22.86	-124.17	133.49	963.29	806.75	756.49	50.26	16.051		
5,600.00	5,456.42	5,422.45	5,420.81	29.18	23.25	-125.56	132.92	961.83	820.26	769.20	51.06	16.065		
5,700.00	5,553.45	5,509.00	5,507.34	29.72	23.61	-126.86	133.27	960.15	835.31	783.50	51.81	16.123		
5,800.00	5,650.47	5,596.99	5,595.30	30.27	23.98	-128.14	134.57	958.27	851.94	799.38	52.56	16.210		
5,900.00	5,747.50	5,703.42	5,701.70	30.81	24.43	-129.62	136.12	956.20	869.03	815.55	53.48	16.251		
6,000.00	5,844.53	5,816.63	5,814.88	31.35	24.90	-131.13	136.01	954.21	885.06	830.61	54.45	16.255		
6,100.00	5,941.56	5,916.17	5,914.41	31.89	25.33	-132.38	134.98	953.07	900.57	845.26	55.31	16.282		
6,200.00	6,038.59	6,014.03	6,012.27	32.43	25.74	-133.55	133.69	952.17	916.15	859.99	56.16	16.314		
6,300.00	6,135.62	6,107.11	6,105.34	32.97	26.13	-134.62	132.69	951.45	932.32	875.35	56.96	16.366		
6,400.00	6,232.65	6,204.06	6,202.28	33.51	26.55	-135.70	131.86	950.79	949.02	891.21	57.81	16.417		
6,500.00	6,329.68	6,302.67	6,300.88	34.06	26.96	-136.76	130.91	949.98	965.96	907.30	58.66	16.467		
6,600.00	6,426.71	6,398.15	6,396.35	34.60	27.37	-137.75	129.98	949.16	983.22	923.73	59.49	16.528		
6,655.36	6,480.43	6,452.73	6,450.93	34.90	27.60	-138.30	129.48	948.76	992.92	932.96	59.96	16.559		
6,700.00	6,524.01	6,497.10	6,495.30	35.13	27.79	-151.51	129.04	948.48	1,000.42	940.08	60.34	16.579		
6,750.00	6,573.29	6,545.42	6,543.61	35.36	27.99	-174.87	128.58	948.21	1,008.01	947.26	60.75	16.593		
6,800.00	6,622.76	6,593.82	6,592.01	35.56	28.20	154.24	128.18	947.96	1,014.71	953.57	61.15	16.594		
6,850.00	6,672.13	6,643.55	6,641.74	35.73	28.41	128.61	127.79	947.68	1,020.47	958.91	61.56	16.577		
6,900.00	6,721.08	6,693.14	6,691.32	35.88	28.62	113.18	127.35	947.31	1,025.25	963.27	61.98	16.541		
6,950.00	6,769.31	6,740.49	6,738.68	36.03	28.82	104.38	126.92	946.88	1,029.14	966.74	62.40	16.493		
7,000.00	6,816.53	6,786.68	6,784.86	36.18	29.02	99.22	126.53	946.35	1,032.29	969.46	62.83	16.430		
7,050.00	6,862.44	6,832.66	6,830.83	36.34	29.22	96.16	126.17	945.75	1,034.83	971.54	63.29	16.351		
7,100.00	6,906.77	6,877.55	6,875.72	36.50	29.41	94.41	125.80	945.09	1,036.87	973.10	63.77	16.261		
7,150.00	6,949.23	6,920.18	6,918.33	36.68	29.59	93.50	125.43	944.42	1,038.63	974.36	64.26	16.162		
7,200.00	6,989.58	6,960.13	6,958.29	36.87	29.76	93.12	125.12	943.85	1,040.36	975.58	64.78	16.060		
7,250.00	7,027.55	6,997.69	6,995.84	37.09	29.92	93.11	124.87	943.38	1,042.32	977.00	65.33	15.955		
7,300.00	7,062.91	7,034.18	7,032.33	37.32	30.07	93.39	124.64	942.99	1,044.75	978.83	65.92	15.849		
7,350.00	7,095.45	7,067.77	7,065.91	37.59	30.21	93.77	124.40	942.71	1,047.87	981.34	66.54	15.749		
7,400.00	7,124.97	7,098.15	7,096.29	37.88	30.34	94.15	124.17	942.51	1,051.95	984.77	67.18	15.658		
7,450.00	7,151.28	7,124.75	7,122.89	38.21	30.46	94.43	123.97	942.36	1,057.22	989.38	67.85	15.583		
7,500.00	7,174.22	7,147.96	7,146.10	38.58	30.56	94.57	123.78	942.23	1,063.90	995.37	68.53	15.525		
7,550.00	7,193.65	7,167.67	7,165.81	38.98	30.64	94.51	123.63	942.12	1,072.13	1,002.91	69.22	15.489		
7,600.00	7,209.45	7,183.75	7,181.89	39.43	30.71	94.20	123.50	942.03	1,082.03	1,012.13	69.90	15.479 SF		
7,650.00	7,221.52	7,196.11	7,194.25	39.91	30.76	93.61	123.41	941.96	1,093.65	1,023.08	70.57	15.497		
7,700.00	7,229.79	7,204.67	7,202.81	40.42	30.80	92.72	123.34	941.91	1,106.99	1,035.78	71.21	15.545		
7,750.00	7,234.21	7,209.37	7,207.51	40.97	30.82	91.50	123.30	941.89	1,122.00	1,050.19	71.81	15.625		
7,780.56	7,235.00	7,210.33	7,208.47	41.32	30.82	90.61	123.29	941.88	1,131.96	1,059.81	72.15	15.689		
7,800.00	7,235.04	7,210.48	7,208.62	41.54	30.82	90.61	123.29	941.88	1,138.61	1,066.25	72.36	15.736		
7,900.00	7,235.26	7,211.26	7,209.40	42.82	30.82	90.66	123.29	941.87	1,177.34	1,103.96	73.38	16.044		
8,000.00	7,235.47	7,212.04	7,210.17	44.25	30.83	90.70	123.28	941.87	1,223.04	1,148.73	74.30	16.460		
8,100.00	7,235.68	7,212.81	7,210.95	45.82	30.83	90.74	123.27	941.87	1,274.96	1,199.84	75.11	16.974		
8,200.00	7,235.90	7,213.59	7,211.73	47.52	30.83	90.78	123.27	941.86	1,332.37	1,256.56	75.81	17.575		
8,300.00	7,236.11	7,214.36	7,212.50	49.34	30.84	90.82	123.26	941.86	1,394.59	1,318.19	76.40	18.254		
8,400.00	7,236.32	7,215.14	7,213.28	51.25	30.84	90.86	123.26	941.85	1,461.02	1,384.13	76.89	19.001		
8,500.00	7,236.54	7,215.92	7,214.06	53.26	30.84	90.91	123.25	941.85	1,531.10	1,453.80	77.30	19.807		
8,600.00	7,236.75	7,216.69	7,214.83	55.34	30.85	90.95	123.24	941.84	1,604.35	1,526.71	77.64	20.664		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,236.96	7,217.47	7,215.61	57.50	30.85	90.99	123.24	941.84	1,680.37	1,602.45	77.92	21.566		
8,800.00	7,237.17	7,218.25	7,216.38	59.71	30.85	91.03	123.23	941.84	1,758.78	1,680.63	78.15	22.506		
8,900.00	7,237.39	7,219.02	7,217.16	61.98	30.86	91.07	123.23	941.83	1,839.29	1,760.96	78.33	23.480		
9,000.00	7,237.60	7,219.80	7,217.94	64.29	30.86	91.11	123.22	941.83	1,921.63	1,843.15	78.49	24.484		
9,100.00	7,237.81	7,220.57	7,218.71	66.65	30.86	91.16	123.21	941.82	2,005.58	1,926.97	78.61	25.513		
9,200.00	7,238.03	7,221.35	7,219.49	69.05	30.87	91.20	123.21	941.82	2,090.94	2,012.23	78.71	26.565		
9,300.00	7,238.24	7,222.13	7,220.26	71.48	30.87	91.24	123.20	941.81	2,177.55	2,098.75	78.79	27.636		
9,400.00	7,238.45	7,222.90	7,221.04	73.95	30.87	91.28	123.20	941.81	2,265.25	2,186.40	78.86	28.725		
9,500.00	7,238.67	7,223.68	7,221.81	76.44	30.88	91.32	123.19	941.81	2,353.94	2,275.03	78.91	29.829		
9,600.00	7,238.88	7,224.45	7,222.59	78.96	30.88	91.36	123.18	941.80	2,443.51	2,364.55	78.96	30.947		
9,700.00	7,239.09	7,225.23	7,223.37	81.50	30.88	91.41	123.18	941.80	2,533.85	2,454.86	78.99	32.076		
9,800.00	7,239.30	7,226.00	7,224.14	84.06	30.89	91.45	123.17	941.79	2,624.89	2,545.87	79.02	33.217		
9,900.00	7,239.52	7,226.78	7,224.92	86.64	30.89	91.49	123.17	941.79	2,716.57	2,637.52	79.05	34.366		
10,000.00	7,239.73	7,227.56	7,225.69	89.23	30.89	91.53	123.16	941.78	2,808.81	2,729.74	79.07	35.525		
10,100.00	7,239.94	7,228.33	7,226.47	91.85	30.90	91.57	123.15	941.78	2,901.56	2,822.48	79.08	36.690		
10,200.00	7,240.16	7,229.11	7,227.25	94.47	30.90	91.61	123.15	941.77	2,994.78	2,915.69	79.10	37.862		
10,300.00	7,240.37	7,229.88	7,228.02	97.11	30.90	91.66	123.14	941.77	3,088.43	3,009.32	79.11	39.041		
10,400.00	7,240.58	7,230.66	7,228.80	99.76	30.91	91.70	123.13	941.77	3,182.46	3,103.34	79.12	40.224		
10,500.00	7,240.80	7,231.44	7,229.57	102.43	30.91	91.74	123.13	941.76	3,276.85	3,197.72	79.13	41.412		
10,600.00	7,241.01	7,232.21	7,230.35	105.10	30.91	91.78	123.12	941.76	3,371.56	3,292.42	79.14	42.605		
10,700.00	7,241.22	7,232.99	7,231.12	107.79	30.92	91.82	123.12	941.75	3,466.56	3,387.42	79.14	43.801		
10,800.00	7,241.43	7,233.76	7,231.90	110.48	30.92	91.86	123.11	941.75	3,561.84	3,482.69	79.15	45.000		
10,900.00	7,241.65	7,234.54	7,232.68	113.18	30.92	91.91	123.10	941.74	3,657.37	3,578.21	79.16	46.202		
11,000.00	7,241.86	7,235.31	7,233.45	115.89	30.93	91.95	123.10	941.74	3,753.13	3,673.97	79.17	47.407		
11,100.00	7,242.07	7,236.09	7,234.23	118.60	30.93	91.99	123.09	941.74	3,849.11	3,769.94	79.18	48.614		
11,200.00	7,242.29	7,236.87	7,235.00	121.32	30.93	92.03	123.09	941.73	3,945.29	3,866.11	79.19	49.823		
11,300.00	7,242.50	7,237.64	7,235.78	124.05	30.94	92.07	123.08	941.73	4,041.65	3,962.46	79.20	51.034		
11,400.00	7,242.71	7,238.42	7,236.55	126.78	30.94	92.11	123.07	941.72	4,138.19	4,058.99	79.21	52.246		
11,500.00	7,242.93	7,239.19	7,237.33	129.52	30.94	92.16	123.07	941.72	4,234.89	4,155.67	79.22	53.459		
11,600.00	7,243.14	7,239.97	7,238.10	132.27	30.95	92.20	123.06	941.71	4,331.73	4,252.51	79.23	54.673		
11,700.00	7,243.35	7,240.74	7,238.88	135.02	30.95	92.24	123.06	941.71	4,428.72	4,349.48	79.24	55.889		
11,800.00	7,243.57	7,241.52	7,239.66	137.77	30.95	92.28	123.05	941.71	4,525.84	4,446.58	79.26	57.104		
11,900.00	7,243.78	7,242.29	7,240.43	140.53	30.96	92.32	123.04	941.70	4,623.08	4,543.81	79.27	58.320		
12,000.00	7,243.99	7,243.07	7,241.21	143.29	30.96	92.36	123.04	941.70	4,720.43	4,641.15	79.29	59.537		
12,100.00	7,244.20	7,243.85	7,241.98	146.05	30.96	92.41	123.03	941.69	4,817.90	4,738.60	79.30	60.753		
12,200.00	7,244.42	7,244.62	7,242.76	148.82	30.97	92.45	123.03	941.69	4,915.46	4,836.14	79.32	61.970		
12,300.00	7,244.63	7,245.40	7,243.53	151.60	30.97	92.49	123.02	941.68	5,013.13	4,933.79	79.34	63.186		
12,400.00	7,244.84	7,246.17	7,244.31	154.37	30.97	92.53	123.01	941.68	5,110.88	5,031.52	79.36	64.402		
12,500.00	7,245.06	7,246.95	7,245.08	157.15	30.98	92.57	123.01	941.67	5,208.71	5,129.34	79.38	65.618		
12,600.00	7,245.27	7,247.72	7,245.86	159.93	30.98	92.61	123.00	941.67	5,306.63	5,227.23	79.40	66.833		
12,700.00	7,245.48	7,248.50	7,246.63	162.71	30.98	92.65	123.00	941.67	5,404.63	5,325.20	79.42	68.048		
12,800.00	7,245.70	7,249.27	7,247.41	165.50	30.99	92.70	122.99	941.66	5,502.69	5,423.24	79.45	69.262		
12,900.00	7,245.91	7,250.05	7,248.18	168.29	30.99	92.74	122.98	941.66	5,600.83	5,521.35	79.47	70.475		
13,000.00	7,246.12	7,250.82	7,248.96	171.08	30.99	92.78	122.98	941.65	5,699.02	5,619.53	79.50	71.688		
13,100.00	7,246.33	7,251.60	7,249.74	173.87	31.00	92.82	122.97	941.65	5,797.28	5,717.76	79.52	72.899		
13,200.00	7,246.55	7,252.37	7,250.51	176.67	31.00	92.86	122.96	941.64	5,895.60	5,816.05	79.55	74.109		
13,300.00	7,246.76	7,253.15	7,251.29	179.47	31.00	92.90	122.96	941.64	5,993.98	5,914.40	79.58	75.319		
13,400.00	7,246.97	7,253.93	7,252.06	182.27	31.01	92.95	122.95	941.64	6,092.40	6,012.79	79.61	76.527		
13,500.00	7,247.19	7,254.70	7,252.84	185.07	31.01	92.99	122.95	941.63	6,190.88	6,111.24	79.64	77.733		
13,600.00	7,247.40	7,255.48	7,253.61	187.87	31.01	93.03	122.94	941.63	6,289.41	6,209.73	79.67	78.939		
13,700.00	7,247.61	7,256.25	7,254.39	190.68	31.02	93.07	122.93	941.62	6,387.98	6,308.27	79.71	80.143		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - OTTOSON I #12-12(PR) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.83	7,257.03	7,255.16	193.48	31.02	93.11	122.93	941.62	6,486.59	6,406.85	79.74	81.346		
13,900.00	7,248.04	7,257.80	7,255.94	196.29	31.02	93.15	122.92	941.61	6,585.25	6,505.47	79.78	82.547		
14,000.00	7,248.25	7,258.58	7,256.71	199.10	31.03	93.20	122.92	941.61	6,683.95	6,604.13	79.81	83.746		
14,100.00	7,248.46	7,259.35	7,257.49	201.91	31.03	93.24	122.91	941.61	6,782.68	6,702.83	79.85	84.944		
14,200.00	7,248.68	7,260.13	7,258.26	204.72	31.03	93.28	122.90	941.60	6,881.45	6,801.56	79.89	86.140		
14,300.00	7,248.89	7,260.90	7,259.04	207.53	31.04	93.32	122.90	941.60	6,980.26	6,900.33	79.93	87.335		
14,400.00	7,249.10	7,261.68	7,259.81	210.35	31.04	93.36	122.89	941.59	7,079.10	6,999.13	79.97	88.527		
14,500.00	7,249.32	7,262.45	7,260.59	213.16	31.04	93.40	122.89	941.59	7,177.97	7,097.96	80.01	89.718		
14,600.00	7,249.53	7,263.23	7,261.36	215.98	31.05	93.44	122.88	941.58	7,276.87	7,196.82	80.05	90.907		
14,700.00	7,249.74	7,264.00	7,262.14	218.80	31.05	93.49	122.87	941.58	7,375.80	7,295.71	80.09	92.094		
14,800.00	7,249.96	7,264.78	7,262.91	221.62	31.05	93.53	122.87	941.58	7,474.76	7,394.63	80.13	93.279		
14,900.00	7,250.17	7,265.55	7,263.69	224.44	31.06	93.57	122.86	941.57	7,573.75	7,493.57	80.18	94.462		
15,000.00	7,250.38	7,266.33	7,264.46	227.26	31.06	93.61	122.86	941.57	7,672.76	7,592.54	80.22	95.643		
15,100.00	7,250.59	7,267.10	7,265.24	230.08	31.06	93.65	122.85	941.56	7,771.80	7,691.53	80.27	96.821		
15,200.00	7,250.81	7,267.88	7,266.01	232.90	31.07	93.69	122.84	941.56	7,870.86	7,790.55	80.32	97.998		
15,300.00	7,251.02	7,268.65	7,266.79	235.72	31.07	93.73	122.84	941.55	7,969.95	7,889.58	80.36	99.173		
15,400.00	7,251.23	7,269.43	7,267.56	238.55	31.07	93.78	122.83	941.55	8,069.06	7,988.64	80.41	100.345		
15,500.00	7,251.45	7,270.20	7,268.34	241.37	31.08	93.82	122.83	941.54	8,168.19	8,087.72	80.46	101.515		
15,600.00	7,251.66	7,270.98	7,269.11	244.20	31.08	93.86	122.82	941.54	8,267.34	8,186.82	80.51	102.682		
15,700.00	7,251.87	7,271.75	7,269.89	247.03	31.08	93.90	122.81	941.54	8,366.51	8,285.94	80.57	103.848		
15,800.00	7,252.09	7,272.53	7,270.66	249.85	31.09	93.94	122.81	941.53	8,465.70	8,385.08	80.62	105.011		
15,900.00	7,252.30	7,273.30	7,271.44	252.68	31.09	93.98	122.80	941.53	8,564.91	8,484.24	80.67	106.171		
16,000.00	7,252.51	7,274.08	7,272.21	255.51	31.09	94.03	122.79	941.52	8,664.14	8,583.41	80.72	107.329		
16,100.00	7,252.72	7,274.85	7,272.99	258.34	31.10	94.07	122.79	941.52	8,763.38	8,682.60	80.78	108.485		
16,200.00	7,252.94	7,275.63	7,273.76	261.17	31.10	94.11	122.78	941.51	8,862.64	8,781.81	80.84	109.638		
16,300.00	7,253.15	7,276.40	7,274.54	264.00	31.10	94.15	122.78	941.51	8,961.92	8,881.03	80.89	110.789		
16,400.00	7,253.36	7,277.18	7,275.31	266.83	31.11	94.19	122.77	941.51	9,061.22	8,980.27	80.95	111.937		
16,500.00	7,253.58	7,277.95	7,276.09	269.66	31.11	94.23	122.76	941.50	9,160.53	9,079.52	81.01	113.083		
16,600.00	7,253.79	7,278.73	7,276.86	272.50	31.11	94.27	122.76	941.50	9,259.85	9,178.78	81.07	114.225		
16,700.00	7,254.00	7,279.50	7,277.64	275.33	31.12	94.32	122.75	941.49	9,359.19	9,278.06	81.13	115.366		
16,800.00	7,254.22	7,280.28	7,278.41	278.16	31.12	94.36	122.75	941.49	9,458.54	9,377.35	81.19	116.503		
16,900.00	7,254.43	7,281.05	7,279.18	281.00	31.12	94.40	122.74	941.48	9,557.91	9,476.66	81.25	117.638		
17,000.00	7,254.64	7,281.82	7,279.96	283.83	31.13	94.44	122.73	941.48	9,657.29	9,575.97	81.31	118.771		
17,100.00	7,254.85	7,282.60	7,280.73	286.67	31.13	94.48	122.73	941.48	9,756.68	9,675.30	81.37	119.900		
17,200.00	7,255.07	7,283.37	7,281.51	289.50	31.13	94.52	122.72	941.47	9,856.08	9,774.64	81.44	121.027		
17,300.00	7,255.28	7,284.15	7,282.28	292.34	31.14	94.56	122.72	941.47	9,955.50	9,873.99	81.50	122.151		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	103.13	-370.44	1,588.24	1,631.55					
100.00	100.00	58.83	58.83	3.28	3.28	103.13	-370.35	1,588.16	1,630.78	1,624.21	6.57	248.322		
200.00	200.00	155.26	155.26	3.34	3.31	103.11	-369.94	1,587.84	1,630.36	1,623.72	6.65	245.243		
218.56	218.56	171.56	171.56	3.35	3.32	103.11	-369.89	1,587.84	1,630.35	1,623.68	6.67	244.280		
300.00	300.00	251.05	251.05	3.44	3.39	103.11	-369.79	1,587.99	1,630.48	1,623.64	6.84	238.519		
400.00	399.98	353.54	353.54	3.60	3.53	-21.92	-369.85	1,588.00	1,628.88	1,621.75	7.12	228.620		
500.00	499.84	444.67	444.67	3.79	3.69	-22.03	-369.73	1,588.10	1,624.12	1,616.64	7.48	217.122		
600.00	599.45	528.20	528.19	4.03	3.87	-22.21	-369.13	1,589.12	1,617.06	1,609.17	7.89	204.864		
700.00	698.70	613.36	613.33	4.30	4.07	-22.45	-368.58	1,590.94	1,607.71	1,599.34	8.37	192.045		
800.00	797.47	697.69	697.62	4.61	4.31	-22.76	-368.10	1,593.50	1,596.07	1,587.17	8.90	179.315		
900.00	895.62	788.98	788.84	4.95	4.58	-23.17	-367.56	1,596.94	1,581.97	1,572.47	9.50	166.578		
1,000.00	993.06	886.25	886.03	5.33	4.89	-23.68	-366.91	1,600.89	1,565.02	1,554.87	10.15	154.127		
1,100.00	1,090.08	980.81	980.50	5.74	5.20	-24.08	-366.14	1,604.83	1,546.66	1,535.82	10.84	142.711		
1,200.00	1,187.11	1,068.42	1,068.02	6.17	5.51	-24.46	-365.66	1,608.79	1,528.77	1,517.24	11.53	132.644		
1,300.00	1,284.14	1,160.92	1,160.41	6.61	5.84	-24.84	-365.95	1,613.42	1,511.57	1,499.31	12.25	123.354		
1,400.00	1,381.17	1,253.31	1,252.67	7.07	6.19	-25.23	-366.12	1,618.29	1,494.68	1,481.67	13.00	114.937		
1,500.00	1,478.20	1,342.88	1,342.08	7.55	6.53	-25.63	-366.04	1,623.51	1,478.37	1,464.61	13.76	107.404		
1,600.00	1,575.23	1,430.14	1,429.15	8.03	6.87	-26.05	-365.52	1,629.21	1,462.76	1,448.22	14.53	100.647		
1,700.00	1,672.26	1,515.59	1,514.37	8.52	7.22	-26.48	-365.08	1,635.57	1,448.12	1,432.81	15.31	94.585		
1,800.00	1,769.29	1,608.64	1,607.10	9.01	7.60	-26.97	-364.07	1,643.10	1,434.15	1,418.03	16.13	88.932		
1,900.00	1,866.32	1,702.77	1,700.89	9.51	8.00	-27.48	-363.06	1,651.02	1,420.63	1,403.67	16.96	83.775		
2,000.00	1,963.35	1,804.37	1,802.15	10.02	8.42	-27.99	-362.92	1,659.47	1,407.24	1,389.42	17.82	78.956		
2,100.00	2,060.38	1,907.18	1,904.62	10.53	8.85	-28.51	-363.20	1,667.71	1,393.71	1,375.01	18.70	74.527		
2,200.00	2,157.41	2,019.17	2,016.31	11.04	9.31	-29.09	-363.38	1,675.84	1,379.53	1,359.91	19.62	70.320		
2,300.00	2,254.44	2,119.09	2,116.00	11.56	9.73	-29.63	-363.08	1,682.69	1,365.02	1,344.52	20.50	66.589		
2,400.00	2,351.47	2,222.61	2,219.30	12.07	10.15	-30.21	-362.70	1,689.49	1,350.35	1,328.95	21.40	63.104		
2,500.00	2,448.50	2,328.28	2,324.77	12.59	10.59	-30.79	-362.72	1,695.92	1,335.37	1,313.06	22.31	59.855		
2,600.00	2,545.53	2,434.87	2,431.20	13.12	11.02	-31.38	-363.11	1,701.61	1,319.78	1,296.56	23.23	56.821		
2,700.00	2,642.56	2,532.38	2,528.60	13.64	11.42	-31.93	-363.39	1,706.52	1,304.03	1,279.91	24.12	54.065		
2,800.00	2,739.59	2,623.46	2,619.54	14.17	11.79	-32.45	-363.64	1,711.41	1,288.71	1,263.71	25.00	51.554		
2,900.00	2,836.62	2,713.07	2,708.99	14.69	12.17	-32.98	-364.05	1,716.81	1,274.18	1,248.31	25.87	49.244		
3,000.00	2,933.65	2,810.58	2,806.30	15.22	12.57	-33.55	-364.56	1,722.97	1,260.06	1,233.28	26.78	47.049		
3,100.00	3,030.68	2,902.76	2,898.27	15.75	12.96	-34.11	-365.23	1,729.05	1,246.37	1,218.69	27.68	45.034		
3,200.00	3,127.71	2,998.45	2,993.73	16.28	13.37	-34.68	-366.11	1,735.69	1,233.14	1,204.56	28.59	43.139		
3,300.00	3,224.74	3,097.00	3,092.04	16.82	13.78	-35.31	-366.41	1,742.63	1,220.14	1,190.63	29.51	41.349		
3,400.00	3,321.76	3,192.26	3,187.05	17.35	14.19	-35.96	-366.27	1,749.43	1,207.40	1,176.98	30.43	39.684		
3,500.00	3,418.79	3,293.63	3,288.16	17.88	14.62	-36.63	-366.72	1,756.69	1,194.84	1,163.48	31.36	38.095		
3,600.00	3,515.82	3,399.61	3,393.90	18.42	15.07	-37.34	-367.49	1,763.80	1,181.97	1,149.65	32.32	36.570		
3,700.00	3,612.85	3,494.30	3,488.39	18.95	15.47	-37.97	-368.44	1,769.98	1,169.08	1,135.83	33.25	35.165		
3,800.00	3,709.88	3,583.33	3,577.17	19.49	15.85	-38.54	-369.98	1,776.30	1,156.86	1,122.71	34.15	33.872		
3,900.00	3,806.91	3,671.88	3,665.41	20.02	16.23	-39.07	-372.37	1,783.40	1,145.62	1,110.56	35.06	32.673		
4,000.00	3,903.94	3,770.58	3,763.65	20.56	16.66	-39.61	-376.34	1,791.97	1,135.08	1,099.07	36.01	31.520		
4,100.00	4,000.97	3,868.87	3,861.45	21.09	17.09	-40.10	-381.36	1,800.42	1,124.45	1,087.49	36.96	30.424		
4,200.00	4,098.00	3,969.61	3,961.70	21.63	17.53	-40.63	-386.11	1,809.13	1,114.00	1,076.08	37.92	29.378		
4,300.00	4,195.03	4,070.83	4,062.48	22.17	17.97	-41.21	-390.39	1,817.55	1,103.37	1,064.48	38.88	28.376		
4,400.00	4,292.06	4,174.64	4,165.88	22.71	18.43	-41.83	-394.32	1,825.86	1,092.58	1,052.73	39.86	27.413		
4,500.00	4,389.09	4,270.87	4,261.76	23.25	18.84	-42.43	-397.84	1,833.29	1,081.66	1,040.86	40.81	26.506		
4,600.00	4,486.12	4,377.86	4,368.39	23.78	19.30	-43.15	-400.98	1,841.48	1,070.90	1,029.11	41.80	25.622		
4,700.00	4,583.15	4,493.75	4,484.00	24.32	19.80	-43.97	-404.23	1,848.72	1,058.93	1,016.13	42.80	24.741		
4,800.00	4,680.18	4,608.02	4,598.13	24.86	20.27	-44.86	-406.65	1,853.88	1,045.54	1,001.75	43.79	23.875		
4,900.00	4,777.21	4,711.25	4,701.29	25.40	20.70	-45.72	-408.40	1,857.47	1,031.41	986.65	44.76	23.041		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
5,000.00	4,874.24	4,819.04	4,809.03	25.94	21.15	-46.69	-409.74	1,860.18	1,016.66	970.92	45.74	22.227			
5,100.00	4,971.27	4,920.47	4,910.44	26.48	21.57	-47.66	-410.56	1,861.97	1,001.52	954.81	46.71	21.439			
5,200.00	5,068.30	5,020.32	5,010.28	27.02	21.98	-48.66	-411.04	1,863.38	986.39	938.70	47.69	20.683			
5,300.00	5,165.33	5,121.11	5,111.06	27.56	22.39	-49.72	-411.36	1,864.37	971.19	922.52	48.67	19.955			
5,400.00	5,262.36	5,218.00	5,207.94	28.10	22.80	-50.74	-412.19	1,865.38	956.24	906.59	49.65	19.259			
5,500.00	5,359.39	5,317.76	5,307.68	28.64	23.21	-51.75	-414.28	1,866.59	941.44	890.81	50.63	18.594			
5,600.00	5,456.42	5,414.41	5,404.29	29.18	23.61	-52.75	-416.52	1,867.76	926.86	875.25	51.62	17.957			
5,700.00	5,553.45	5,508.77	5,498.63	29.72	24.00	-53.79	-418.06	1,868.97	912.84	860.24	52.60	17.353			
5,800.00	5,650.47	5,607.64	5,597.48	30.27	24.41	-54.94	-419.17	1,870.13	899.23	845.63	53.60	16.777			
5,900.00	5,747.50	5,698.26	5,688.10	30.81	24.79	-56.04	-419.90	1,871.42	886.32	831.72	54.60	16.234			
6,000.00	5,844.53	5,794.73	5,784.54	31.35	25.19	-57.24	-420.47	1,873.14	874.20	818.60	55.60	15.723			
6,100.00	5,941.56	5,896.31	5,886.12	31.89	25.61	-58.55	-421.07	1,874.75	862.33	805.72	56.61	15.234			
6,200.00	6,038.59	5,999.19	5,988.99	32.43	26.04	-59.94	-421.55	1,875.68	850.33	792.72	57.61	14.759			
6,300.00	6,135.62	6,092.86	6,082.65	32.97	26.43	-61.26	-421.69	1,876.27	838.69	780.07	58.63	14.306			
6,400.00	6,232.65	6,196.06	6,185.85	33.51	26.86	-62.76	-421.82	1,876.78	827.46	767.82	59.64	13.875			
6,500.00	6,329.68	6,301.21	6,291.01	34.06	27.30	-64.36	-422.09	1,876.30	815.89	755.25	60.64	13.454			
6,600.00	6,426.71	6,401.06	6,390.85	34.60	27.72	-65.94	-422.42	1,875.11	804.25	742.60	61.66	13.044			
6,655.36	6,480.43	6,457.15	6,446.93	34.90	27.95	-66.85	-422.71	1,874.28	797.88	735.67	62.21	12.825			
6,700.00	6,524.01	6,502.66	6,492.43	35.13	28.14	-79.55	-423.02	1,873.50	794.10	731.44	62.65	12.675			
6,739.82	6,563.23	6,541.73	6,531.50	35.31	28.31	-97.05	-423.30	1,872.79	793.01	729.98	63.02	12.582 CC			
6,750.00	6,573.29	6,551.79	6,541.55	35.36	28.35	-102.63	-423.37	1,872.60	793.08	729.96	63.12	12.565 ES			
6,800.00	6,622.76	6,601.38	6,591.13	35.56	28.56	-133.56	-423.71	1,871.69	795.47	731.92	63.55	12.517 SF			
6,850.00	6,672.13	6,653.99	6,643.73	35.73	28.78	-159.57	-424.09	1,870.61	801.09	737.16	63.94	12.530			
6,900.00	6,721.08	6,706.44	6,696.16	35.88	29.00	-175.65	-424.53	1,869.31	809.80	745.51	64.29	12.595			
6,950.00	6,769.31	6,759.41	6,749.11	36.03	29.22	174.64	-425.03	1,867.75	821.47	756.85	64.63	12.711			
7,000.00	6,816.53	6,811.57	6,801.23	36.18	29.44	168.33	-425.60	1,865.92	836.02	771.08	64.94	12.874			
7,050.00	6,862.44	6,856.17	6,845.80	36.34	29.63	163.83	-426.06	1,864.31	853.61	788.36	65.25	13.081			
7,100.00	6,906.77	6,900.54	6,890.13	36.50	29.81	160.38	-426.46	1,862.72	874.21	808.67	65.55	13.337			
7,150.00	6,949.23	6,947.51	6,937.07	36.68	30.01	157.59	-426.87	1,860.94	897.64	831.82	65.81	13.639			
7,200.00	6,989.58	6,992.56	6,982.08	36.87	30.20	155.17	-427.31	1,859.05	923.70	857.64	66.07	13.982			
7,250.00	7,027.55	7,033.44	7,022.92	37.09	30.37	152.87	-427.69	1,857.19	952.35	886.05	66.30	14.364			
7,300.00	7,062.91	7,071.52	7,060.95	37.32	30.53	150.57	-427.97	1,855.36	983.54	917.02	66.52	14.785			
7,350.00	7,095.45	7,106.98	7,096.36	37.59	30.69	148.15	-428.15	1,853.57	1,017.13	950.41	66.72	15.245			
7,400.00	7,124.97	7,138.30	7,127.64	37.88	30.82	145.44	-428.30	1,851.97	1,052.99	986.09	66.90	15.740			
7,450.00	7,151.28	7,166.75	7,156.06	38.21	30.94	142.33	-428.43	1,850.52	1,090.96	1,023.90	67.06	16.269			
7,500.00	7,174.22	7,191.94	7,181.21	38.58	31.05	138.66	-428.55	1,849.23	1,130.84	1,063.65	67.19	16.829			
7,550.00	7,193.65	7,213.71	7,202.95	38.98	31.14	134.23	-428.65	1,848.12	1,172.43	1,105.12	67.31	17.419			
7,600.00	7,209.45	7,231.92	7,221.14	39.43	31.22	128.80	-428.73	1,847.19	1,215.48	1,148.08	67.40	18.035			
7,650.00	7,221.52	7,246.46	7,236.66	39.91	31.29	122.11	-428.80	1,846.45	1,259.76	1,192.30	67.46	18.673			
7,700.00	7,229.79	7,257.25	7,246.44	40.42	31.33	113.98	-428.85	1,845.90	1,305.00	1,237.49	67.51	19.331			
7,750.00	7,234.21	7,264.21	7,253.39	40.97	31.36	104.36	-428.88	1,845.54	1,350.94	1,283.40	67.53	20.004			
7,780.56	7,235.00	7,266.56	7,255.74	41.32	31.37	97.87	-428.89	1,845.42	1,379.24	1,311.70	67.54	20.422			
7,800.00	7,235.04	7,267.60	7,256.77	41.54	31.38	97.98	-428.90	1,845.37	1,397.29	1,329.75	67.54	20.689			
7,900.00	7,235.26	7,272.92	7,262.09	42.82	31.40	98.57	-428.92	1,845.09	1,490.70	1,423.15	67.55	22.069			
8,000.00	7,235.47	7,278.25	7,267.41	44.25	31.42	99.15	-428.94	1,844.82	1,584.90	1,517.34	67.56	23.458			
8,100.00	7,235.68	7,283.57	7,272.72	45.82	31.45	99.73	-428.97	1,844.55	1,679.75	1,612.17	67.59	24.854			
8,200.00	7,235.90	7,288.90	7,278.04	47.52	31.47	100.31	-428.99	1,844.28	1,775.15	1,707.54	67.61	26.256			
8,300.00	7,236.11	7,294.22	7,283.36	49.34	31.49	100.89	-429.02	1,844.01	1,871.02	1,803.38	67.64	27.663			
8,400.00	7,236.32	7,299.55	7,288.68	51.25	31.51	101.47	-429.04	1,843.73	1,967.28	1,899.62	67.67	29.074			
8,500.00	7,236.54	7,304.87	7,294.00	53.26	31.54	102.04	-429.07	1,843.46	2,063.89	1,996.19	67.70	30.488			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - OTTOSON I #12-25(PR) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,600.00	7,236.75	7,310.20	7,299.31	55.34	31.56	102.61	-429.09	1,843.19	2,160.79	2,093.06	67.73	31.904		
8,700.00	7,236.96	7,315.52	7,304.63	57.50	31.58	103.18	-429.12	1,842.92	2,257.95	2,190.19	67.76	33.323		
8,800.00	7,237.17	7,320.85	7,309.95	59.71	31.61	103.75	-429.14	1,842.65	2,355.34	2,287.54	67.79	34.743		
8,900.00	7,237.39	7,326.17	7,315.27	61.98	31.63	104.31	-429.17	1,842.37	2,452.92	2,385.09	67.83	36.164		
9,000.00	7,237.60	7,331.50	7,320.59	64.29	31.65	104.87	-429.19	1,842.10	2,550.68	2,482.82	67.86	37.586		
9,100.00	7,237.81	7,336.82	7,325.90	66.65	31.67	105.43	-429.21	1,841.83	2,648.59	2,580.70	67.90	39.008		
9,200.00	7,238.03	7,342.15	7,331.22	69.05	31.70	105.98	-429.24	1,841.56	2,746.65	2,678.72	67.93	40.431		
9,300.00	7,238.24	7,347.47	7,336.54	71.48	31.72	106.54	-429.26	1,841.29	2,844.83	2,776.86	67.97	41.853		
9,400.00	7,238.45	7,352.80	7,341.86	73.95	31.74	107.09	-429.29	1,841.01	2,943.13	2,875.12	68.01	43.276		
9,500.00	7,238.67	7,358.12	7,347.18	76.44	31.77	107.63	-429.31	1,840.74	3,041.52	2,973.48	68.05	44.697		
9,600.00	7,238.88	7,363.45	7,352.49	78.96	31.79	108.17	-429.34	1,840.47	3,140.01	3,071.93	68.09	46.118		
9,700.00	7,239.09	7,368.77	7,357.81	81.50	31.81	108.71	-429.36	1,840.20	3,238.58	3,170.46	68.13	47.539		
9,800.00	7,239.30	7,374.10	7,363.13	84.06	31.84	109.25	-429.39	1,839.92	3,337.23	3,269.07	68.17	48.958		
9,900.00	7,239.52	7,379.42	7,368.45	86.64	31.86	109.78	-429.41	1,839.65	3,435.95	3,367.75	68.21	50.376		
10,000.00	7,239.73	7,384.75	7,373.77	89.23	31.88	110.31	-429.44	1,839.38	3,534.73	3,466.49	68.25	51.793		
10,100.00	7,239.94	7,390.07	7,379.08	91.85	31.90	110.83	-429.46	1,839.11	3,633.58	3,565.29	68.29	53.208		
10,200.00	7,240.16	7,395.40	7,384.40	94.47	31.93	111.36	-429.48	1,838.84	3,732.47	3,664.14	68.33	54.622		
10,300.00	7,240.37	7,400.72	7,389.72	97.11	31.95	111.87	-429.51	1,838.56	3,831.42	3,763.04	68.38	56.035		
10,400.00	7,240.58	7,406.05	7,395.04	99.76	31.97	112.39	-429.53	1,838.29	3,930.41	3,861.99	68.42	57.445		
10,500.00	7,240.80	7,383.00	7,372.02	102.43	31.87	110.14	-429.43	1,839.47	4,029.54	3,961.11	68.44	58.881		
10,600.00	7,241.01	7,383.00	7,372.02	105.10	31.87	110.14	-429.43	1,839.47	4,128.65	4,060.18	68.47	60.294		
10,700.00	7,241.22	7,383.00	7,372.02	107.79	31.87	110.14	-429.43	1,839.47	4,227.81	4,159.29	68.51	61.707		
10,800.00	7,241.43	7,383.00	7,372.02	110.48	31.87	110.14	-429.43	1,839.47	4,327.00	4,258.45	68.55	63.118		
10,900.00	7,241.65	7,383.00	7,372.02	113.18	31.87	110.14	-429.43	1,839.47	4,426.23	4,357.64	68.59	64.528		
11,000.00	7,241.86	7,383.00	7,372.02	115.89	31.87	110.14	-429.43	1,839.47	4,525.49	4,456.86	68.63	65.936		
11,100.00	7,242.07	7,383.00	7,372.02	118.60	31.87	110.14	-429.43	1,839.47	4,624.79	4,556.11	68.68	67.342		
11,200.00	7,242.29	7,383.00	7,372.02	121.32	31.87	110.14	-429.43	1,839.47	4,724.11	4,655.39	68.72	68.746		
11,300.00	7,242.50	7,383.00	7,372.02	124.05	31.87	110.14	-429.43	1,839.47	4,823.46	4,754.70	68.76	70.149		
11,400.00	7,242.71	7,383.00	7,372.02	126.78	31.87	110.14	-429.43	1,839.47	4,922.84	4,854.04	68.80	71.549		
11,500.00	7,242.93	7,383.00	7,372.02	129.52	31.87	110.14	-429.43	1,839.47	5,022.25	4,953.40	68.85	72.948		
11,600.00	7,243.14	7,383.00	7,372.02	132.27	31.87	110.14	-429.43	1,839.47	5,121.67	5,052.78	68.89	74.344		
11,700.00	7,243.35	7,383.00	7,372.02	135.02	31.87	110.14	-429.43	1,839.47	5,221.12	5,152.18	68.94	75.738		
11,800.00	7,243.57	7,383.00	7,372.02	137.77	31.87	110.14	-429.43	1,839.47	5,320.59	5,251.61	68.98	77.130		
11,900.00	7,243.78	7,383.00	7,372.02	140.53	31.87	110.14	-429.43	1,839.47	5,420.08	5,351.05	69.03	78.520		
12,000.00	7,243.99	7,383.00	7,372.02	143.29	31.87	110.14	-429.43	1,839.47	5,519.58	5,450.51	69.08	79.907		
12,100.00	7,244.20	7,383.00	7,372.02	146.05	31.87	110.14	-429.43	1,839.47	5,619.11	5,549.99	69.12	81.292		
12,200.00	7,244.42	7,383.00	7,372.02	148.82	31.87	110.14	-429.43	1,839.47	5,718.65	5,649.48	69.17	82.674		
12,300.00	7,244.63	7,383.00	7,372.02	151.60	31.87	110.14	-429.43	1,839.47	5,818.21	5,748.99	69.22	84.054		
12,400.00	7,244.84	7,383.00	7,372.02	154.37	31.87	110.14	-429.43	1,839.47	5,917.78	5,848.51	69.27	85.431		
12,500.00	7,245.06	7,383.00	7,372.02	157.15	31.87	110.14	-429.43	1,839.47	6,017.36	5,948.04	69.32	86.805		
12,600.00	7,245.27	7,383.00	7,372.02	159.93	31.87	110.14	-429.43	1,839.47	6,116.96	6,047.59	69.37	88.177		
12,700.00	7,245.48	7,383.00	7,372.02	162.71	31.87	110.14	-429.43	1,839.47	6,216.58	6,147.15	69.42	89.546		
12,800.00	7,245.70	7,383.00	7,372.02	165.50	31.87	110.14	-429.43	1,839.47	6,316.20	6,246.73	69.48	90.912		
12,900.00	7,245.91	7,383.00	7,372.02	168.29	31.87	110.14	-429.43	1,839.47	6,415.84	6,346.31	69.53	92.275		
13,000.00	7,246.12	7,383.00	7,372.02	171.08	31.87	110.14	-429.43	1,839.47	6,515.49	6,445.90	69.58	93.635		
13,100.00	7,246.33	7,383.00	7,372.02	173.87	31.87	110.14	-429.43	1,839.47	6,615.14	6,545.50	69.64	94.993		
13,200.00	7,246.55	7,383.00	7,372.02	176.67	31.87	110.14	-429.43	1,839.47	6,714.81	6,645.12	69.69	96.347		
13,300.00	7,246.76	7,383.00	7,372.02	179.47	31.87	110.14	-429.43	1,839.47	6,814.49	6,744.74	69.75	97.698		
13,400.00	7,246.97	7,383.00	7,372.02	182.27	31.87	110.14	-429.43	1,839.47	6,914.18	6,844.37	69.81	99.046		
13,500.00	7,247.19	7,383.00	7,372.02	185.07	31.87	110.14	-429.43	1,839.47	7,013.87	6,944.01	69.87	100.391		
13,600.00	7,247.40	7,383.00	7,372.02	187.87	31.87	110.14	-429.43	1,839.47	7,113.58	7,043.65	69.92	101.732		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,247.61	7,383.00	7,372.02	190.68	31.87	110.14	-429.43	1,839.47	7,213.29	7,143.31	69.98	103.071		
13,800.00	7,247.83	7,383.00	7,372.02	193.48	31.87	110.14	-429.43	1,839.47	7,313.01	7,242.97	70.04	104.406		
13,900.00	7,248.04	7,383.00	7,372.02	196.29	31.87	110.14	-429.43	1,839.47	7,412.74	7,342.63	70.11	105.738		
14,000.00	7,248.25	7,383.00	7,372.02	199.10	31.87	110.14	-429.43	1,839.47	7,512.48	7,442.31	70.17	107.066		
14,100.00	7,248.46	7,383.00	7,372.02	201.91	31.87	110.14	-429.43	1,839.47	7,612.22	7,541.99	70.23	108.391		
14,200.00	7,248.68	7,383.00	7,372.02	204.72	31.87	110.14	-429.43	1,839.47	7,711.97	7,641.67	70.29	109.712		
14,300.00	7,248.89	7,383.00	7,372.02	207.53	31.87	110.14	-429.43	1,839.47	7,811.72	7,741.37	70.36	111.030		
14,400.00	7,249.10	7,383.00	7,372.02	210.35	31.87	110.14	-429.43	1,839.47	7,911.48	7,841.06	70.42	112.344		
14,500.00	7,249.32	7,383.00	7,372.02	213.16	31.87	110.14	-429.43	1,839.47	8,011.25	7,940.76	70.49	113.655		
14,600.00	7,249.53	7,383.00	7,372.02	215.98	31.87	110.14	-429.43	1,839.47	8,111.02	8,040.47	70.55	114.963		
14,700.00	7,249.74	7,383.00	7,372.02	218.80	31.87	110.14	-429.43	1,839.47	8,210.80	8,140.18	70.62	116.266		
14,800.00	7,249.96	7,383.00	7,372.02	221.62	31.87	110.14	-429.43	1,839.47	8,310.59	8,239.90	70.69	117.566		
14,900.00	7,250.17	7,383.00	7,372.02	224.44	31.87	110.14	-429.43	1,839.47	8,410.38	8,339.62	70.76	118.862		
15,000.00	7,250.38	7,383.00	7,372.02	227.26	31.87	110.14	-429.43	1,839.47	8,510.17	8,439.34	70.83	120.155		
15,100.00	7,250.59	7,383.00	7,372.02	230.08	31.87	110.14	-429.43	1,839.47	8,609.97	8,539.07	70.90	121.443		
15,200.00	7,250.81	7,383.00	7,372.02	232.90	31.87	110.14	-429.43	1,839.47	8,709.77	8,638.81	70.97	122.728		
15,300.00	7,251.02	7,383.00	7,372.02	235.72	31.87	110.14	-429.43	1,839.47	8,809.58	8,738.54	71.04	124.009		
15,400.00	7,251.23	7,383.00	7,372.02	238.55	31.87	110.14	-429.43	1,839.47	8,909.39	8,838.28	71.11	125.287		
15,500.00	7,251.45	7,383.00	7,372.02	241.37	31.87	110.14	-429.43	1,839.47	9,009.21	8,938.03	71.19	126.560		
15,600.00	7,251.66	7,383.00	7,372.02	244.20	31.87	110.14	-429.43	1,839.47	9,109.03	9,037.77	71.26	127.830		
15,700.00	7,251.87	7,383.00	7,372.02	247.03	31.87	110.14	-429.43	1,839.47	9,208.86	9,137.52	71.33	129.095		
15,800.00	7,252.09	7,383.00	7,372.02	249.85	31.87	110.14	-429.43	1,839.47	9,308.68	9,237.28	71.41	130.357		
15,900.00	7,252.30	7,383.00	7,372.02	252.68	31.87	110.14	-429.43	1,839.47	9,408.52	9,337.03	71.49	131.614		
16,000.00	7,252.51	7,383.00	7,372.02	255.51	31.87	110.14	-429.43	1,839.47	9,508.35	9,436.79	71.56	132.868		
16,100.00	7,252.72	7,383.00	7,372.02	258.34	31.87	110.14	-429.43	1,839.47	9,608.19	9,536.55	71.64	134.118		
16,200.00	7,252.94	7,383.00	7,372.02	261.17	31.87	110.14	-429.43	1,839.47	9,708.03	9,636.31	71.72	135.363		
16,300.00	7,253.15	7,383.00	7,372.02	264.00	31.87	110.14	-429.43	1,839.47	9,807.88	9,736.08	71.80	136.605		
16,400.00	7,253.36	7,383.00	7,372.02	266.83	31.87	110.14	-429.43	1,839.47	9,907.73	9,835.85	71.88	137.842		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - POP I #14-17 - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-162.75	-3,322.08	-1,031.33	3,478.58					
100.00	100.00	75.00	75.00	3.28	3.53	-162.75	-3,322.08	-1,031.33	3,478.49	3,471.67	6.82	510.318		
200.00	200.00	175.00	175.00	3.34	5.46	-162.75	-3,322.08	-1,031.33	3,478.49	3,469.69	8.80	395.461		
300.00	300.00	275.00	275.00	3.44	8.51	-162.75	-3,322.08	-1,031.33	3,478.49	3,466.53	11.96	290.917		
400.00	399.98	374.98	374.98	3.60	11.81	72.28	-3,322.08	-1,031.33	3,477.95	3,462.55	15.41	225.738		
500.00	499.84	474.84	474.84	3.79	15.19	72.40	-3,322.08	-1,031.33	3,476.37	3,457.39	18.98	183.163		
600.00	599.45	574.45	574.45	4.03	18.60	72.58	-3,322.08	-1,031.33	3,473.73	3,451.11	22.62	153.536		
700.00	698.70	673.70	673.70	4.30	22.02	72.84	-3,322.08	-1,031.33	3,470.09	3,443.77	26.32	131.860		
800.00	797.47	772.47	772.47	4.61	25.43	73.18	-3,322.08	-1,031.33	3,465.46	3,435.43	30.04	115.367		
900.00	895.62	870.62	870.62	4.95	28.84	73.58	-3,322.08	-1,031.33	3,459.91	3,426.13	33.78	102.421		
1,000.00	993.06	968.06	968.06	5.33	32.22	74.05	-3,322.08	-1,031.33	3,453.49	3,415.95	37.54	92.002		
1,100.00	1,090.08	1,065.08	1,065.08	5.74	35.59	74.43	-3,322.08	-1,031.33	3,446.73	3,405.42	41.31	83.432		
1,200.00	1,187.11	1,162.11	1,162.11	6.17	38.96	74.81	-3,322.08	-1,031.33	3,440.14	3,395.03	45.11	76.262		
1,300.00	1,284.14	1,259.14	1,259.14	6.61	42.34	75.19	-3,322.08	-1,031.33	3,433.69	3,384.77	48.93	70.180		
1,400.00	1,381.17	1,356.17	1,356.17	7.07	45.72	75.57	-3,322.08	-1,031.33	3,427.41	3,374.65	52.76	64.963		
1,500.00	1,478.20	1,453.20	1,453.20	7.55	49.10	75.95	-3,322.08	-1,031.33	3,421.29	3,364.68	56.61	60.441		
1,600.00	1,575.23	1,550.23	1,550.23	8.03	52.48	76.33	-3,322.08	-1,031.33	3,415.33	3,354.86	60.46	56.487		
1,700.00	1,672.26	1,647.26	1,647.26	8.52	55.86	76.71	-3,322.08	-1,031.33	3,409.52	3,345.20	64.33	53.003		
1,800.00	1,769.29	1,744.29	1,744.29	9.01	59.24	77.10	-3,322.08	-1,031.33	3,403.89	3,335.69	68.20	49.910		
1,900.00	1,866.32	1,841.32	1,841.32	9.51	62.62	77.49	-3,322.08	-1,031.33	3,398.41	3,326.33	72.08	47.148		
2,000.00	1,963.35	1,938.35	1,938.35	10.02	66.00	77.87	-3,322.08	-1,031.33	3,393.10	3,317.13	75.96	44.667		
2,100.00	2,060.38	2,035.38	2,035.38	10.53	69.39	78.26	-3,322.08	-1,031.33	3,387.95	3,308.09	79.85	42.426		
2,200.00	2,157.41	2,132.41	2,132.41	11.04	72.77	78.65	-3,322.08	-1,031.33	3,382.96	3,299.22	83.75	40.394		
2,300.00	2,254.44	2,229.44	2,229.44	11.56	76.16	79.04	-3,322.08	-1,031.33	3,378.15	3,290.50	87.65	38.543		
2,400.00	2,351.47	2,326.47	2,326.47	12.07	79.54	79.43	-3,322.08	-1,031.33	3,373.50	3,281.95	91.55	36.850		
2,500.00	2,448.50	2,423.50	2,423.50	12.59	82.92	79.83	-3,322.08	-1,031.33	3,369.01	3,273.56	95.45	35.295		
2,600.00	2,545.53	2,520.53	2,520.53	13.12	86.31	80.22	-3,322.08	-1,031.33	3,364.70	3,265.34	99.36	33.864		
2,700.00	2,642.56	2,617.56	2,617.56	13.64	89.69	80.62	-3,322.08	-1,031.33	3,360.55	3,257.28	103.27	32.542		
2,800.00	2,739.59	2,714.59	2,714.59	14.17	93.08	81.01	-3,322.08	-1,031.33	3,356.57	3,249.39	107.18	31.317		
2,900.00	2,836.62	2,811.62	2,811.62	14.69	96.46	81.41	-3,322.08	-1,031.33	3,352.77	3,241.67	111.09	30.180		
3,000.00	2,933.65	2,908.65	2,908.65	15.22	99.85	81.80	-3,322.08	-1,031.33	3,349.13	3,234.12	115.01	29.121		
3,100.00	3,030.68	3,005.68	3,005.68	15.75	103.23	82.20	-3,322.08	-1,031.33	3,345.66	3,226.74	118.92	28.133		
3,200.00	3,127.71	3,102.71	3,102.71	16.28	106.62	82.60	-3,322.08	-1,031.33	3,342.37	3,219.53	122.84	27.209		
3,300.00	3,224.74	3,200.26	3,199.74	16.82	110.02	83.00	-3,322.08	-1,031.33	3,339.25	3,212.47	126.78	26.339		
3,400.00	3,321.76	3,303.24	3,296.76	17.35	113.62	83.40	-3,322.08	-1,031.33	3,336.29	3,205.39	130.91	25.486		
3,500.00	3,418.79	3,406.21	3,393.79	17.88	117.21	83.80	-3,322.08	-1,031.33	3,333.52	3,198.48	135.03	24.686		
3,600.00	3,515.82	3,509.18	3,490.82	18.42	120.80	84.20	-3,322.08	-1,031.33	3,330.91	3,191.75	139.16	23.935		
3,700.00	3,612.85	3,587.85	3,587.85	18.95	123.55	84.61	-3,322.08	-1,031.33	3,328.48	3,186.04	142.45	23.367		
3,800.00	3,709.88	3,684.88	3,684.88	19.49	126.94	85.01	-3,322.08	-1,031.33	3,326.23	3,179.86	146.37	22.725		
3,900.00	3,806.91	3,781.91	3,781.91	20.02	130.32	85.41	-3,322.08	-1,031.33	3,324.15	3,173.85	150.30	22.117		
4,000.00	3,903.94	3,878.94	3,878.94	20.56	133.71	85.82	-3,322.08	-1,031.33	3,322.24	3,168.02	154.22	21.542		
4,100.00	4,000.97	3,975.97	3,975.97	21.09	137.10	86.22	-3,322.08	-1,031.33	3,320.51	3,162.36	158.15	20.996		
4,200.00	4,098.00	4,073.00	4,073.00	21.63	140.48	86.62	-3,322.08	-1,031.33	3,318.95	3,156.88	162.07	20.478		
4,300.00	4,195.03	4,170.03	4,170.03	22.17	143.87	87.03	-3,322.08	-1,031.33	3,317.57	3,151.57	166.00	19.985		
4,400.00	4,292.06	4,267.06	4,267.06	22.71	147.25	87.43	-3,322.08	-1,031.33	3,316.37	3,146.44	169.93	19.516		
4,500.00	4,389.09	4,364.09	4,364.09	23.25	150.64	87.84	-3,322.08	-1,031.33	3,315.34	3,141.48	173.86	19.070		
4,600.00	4,486.12	4,461.12	4,461.12	23.78	154.03	88.24	-3,322.08	-1,031.33	3,314.49	3,136.70	177.78	18.643		
4,700.00	4,583.15	4,558.15	4,558.15	24.32	157.41	88.65	-3,322.08	-1,031.33	3,313.81	3,132.10	181.71	18.237		
4,800.00	4,680.18	4,655.18	4,655.18	24.86	160.80	89.06	-3,322.08	-1,031.33	3,313.31	3,127.67	185.64	17.848		
4,900.00	4,777.21	4,752.21	4,752.21	25.40	164.19	89.46	-3,322.08	-1,031.33	3,312.99	3,123.42	189.57	17.476		
5,000.00	4,874.24	4,849.24	4,849.24	25.94	167.57	89.87	-3,322.08	-1,031.33	3,312.85	3,119.35	193.50	17.121		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - POP I #14-17 - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
5,032.53	4,905.81	4,880.81	4,880.81	26.12	168.68	90.00	-3,322.08	-1,031.33	3,312.84	3,118.06	194.78	17.008			
5,100.00	4,971.27	4,946.27	4,946.27	26.48	170.96	90.27	-3,322.08	-1,031.33	3,312.88	3,115.45	197.43	16.780			
5,200.00	5,068.30	5,043.30	5,043.30	27.02	174.35	90.68	-3,322.08	-1,031.33	3,313.08	3,111.73	201.36	16.454			
5,300.00	5,165.33	5,140.33	5,140.33	27.56	177.73	91.09	-3,322.08	-1,031.33	3,313.47	3,108.18	205.29	16.141			
5,400.00	5,262.36	5,237.36	5,237.36	28.10	181.12	91.49	-3,322.08	-1,031.33	3,314.03	3,104.81	209.22	15.840			
5,500.00	5,359.39	5,334.39	5,334.39	28.64	184.51	91.90	-3,322.08	-1,031.33	3,314.77	3,101.62	213.14	15.552			
5,600.00	5,456.42	5,431.42	5,431.42	29.18	187.89	92.30	-3,322.08	-1,031.33	3,315.68	3,098.61	217.07	15.274			
5,700.00	5,553.45	5,528.45	5,528.45	29.72	191.28	92.71	-3,322.08	-1,031.33	3,316.77	3,095.77	221.00	15.008			
5,800.00	5,650.47	5,625.47	5,625.47	30.27	194.67	93.11	-3,322.08	-1,031.33	3,318.03	3,093.10	224.93	14.751			
5,900.00	5,747.50	5,722.50	5,722.50	30.81	198.05	93.52	-3,322.08	-1,031.33	3,319.48	3,090.62	228.86	14.504			
6,000.00	5,844.53	5,819.53	5,819.53	31.35	201.44	93.92	-3,322.08	-1,031.33	3,321.09	3,088.30	232.79	14.267			
6,100.00	5,941.56	5,916.56	5,916.56	31.89	204.83	94.33	-3,322.08	-1,031.33	3,322.89	3,086.17	236.72	14.037			
6,200.00	6,038.59	6,013.59	6,013.59	32.43	208.22	94.73	-3,322.08	-1,031.33	3,324.85	3,084.21	240.65	13.816			
6,300.00	6,135.62	6,110.62	6,110.62	32.97	211.60	95.13	-3,322.08	-1,031.33	3,327.00	3,082.42	244.57	13.603			
6,400.00	6,232.65	6,207.65	6,207.65	33.51	214.99	95.53	-3,322.08	-1,031.33	3,329.31	3,080.81	248.50	13.398			
6,500.00	6,329.68	6,304.68	6,304.68	34.06	218.38	95.94	-3,322.08	-1,031.33	3,331.80	3,079.37	252.43	13.199			
6,600.00	6,426.71	6,401.71	6,401.71	34.60	221.76	96.34	-3,322.08	-1,031.33	3,334.47	3,078.11	256.36	13.007			
6,655.36	6,480.43	6,455.43	6,455.43	34.90	223.64	96.56	-3,322.08	-1,031.33	3,336.02	3,077.49	258.53	12.904			
6,700.00	6,524.01	6,500.99	6,499.01	35.13	225.23	96.84	-3,322.08	-1,031.33	3,336.24	3,075.89	260.35	12.814			
6,750.00	6,573.29	6,548.29	6,548.29	35.36	226.88	97.01	-3,322.08	-1,031.33	3,336.99	3,074.76	262.23	12.714			
6,800.00	6,622.76	6,602.24	6,597.76	35.56	228.76	97.13	-3,322.08	-1,031.33	3,339.10	3,074.79	264.31	12.595			
6,850.00	6,672.13	6,647.13	6,647.13	35.73	230.33	97.17	-3,322.08	-1,031.33	3,341.57	3,075.53	266.05	12.485			
6,900.00	6,721.08	6,703.92	6,696.08	35.88	232.31	-10.61	-3,322.08	-1,031.33	3,344.46	3,076.27	268.18	12.348			
6,950.00	6,769.31	6,744.31	6,744.31	36.03	233.72	-20.65	-3,322.08	-1,031.33	3,348.82	3,079.08	269.74	12.230			
7,000.00	6,816.53	6,808.47	6,791.53	36.18	235.96	-27.55	-3,322.08	-1,031.33	3,353.74	3,081.61	272.13	12.067			
7,050.00	6,862.44	6,837.44	6,837.44	36.34	236.97	-32.83	-3,322.08	-1,031.33	3,359.33	3,084.04	273.29	11.952			
7,100.00	6,906.77	6,881.77	6,881.77	36.50	238.52	-37.26	-3,322.08	-1,031.33	3,365.72	3,087.13	275.00	11.806			
7,150.00	6,949.23	6,924.23	6,924.23	36.68	240.00	-41.28	-3,322.08	-1,031.33	3,372.85	3,090.82	276.65	11.658			
7,200.00	6,989.58	6,964.58	6,964.58	36.87	241.41	-45.12	-3,322.08	-1,031.33	3,380.56	3,095.12	278.24	11.507			
7,250.00	7,027.55	7,002.55	7,002.55	37.09	242.74	-48.92	-3,322.08	-1,031.33	3,388.86	3,100.00	279.76	11.354			
7,300.00	7,062.91	7,037.91	7,037.91	37.32	243.97	-52.76	-3,322.08	-1,031.33	3,397.69	3,105.48	281.21	11.201			
7,350.00	7,095.45	7,070.45	7,070.45	37.59	245.11	-56.69	-3,322.08	-1,031.33	3,407.00	3,111.56	282.58	11.047			
7,400.00	7,124.97	7,100.03	7,099.97	37.88	246.14	-60.71	-3,322.08	-1,031.33	3,416.81	3,118.24	283.87	10.895			
7,450.00	7,151.28	7,126.28	7,126.28	38.21	247.06	-64.81	-3,322.08	-1,031.33	3,427.09	3,125.52	285.07	10.745			
7,500.00	7,174.22	7,149.22	7,149.22	38.58	247.86	-68.94	-3,322.08	-1,031.33	3,437.84	3,132.59	286.19	10.597			
7,550.00	7,193.65	7,168.65	7,168.65	38.98	248.53	-73.06	-3,322.08	-1,031.33	3,449.03	3,139.34	287.22	10.453			
7,600.00	7,209.45	7,184.45	7,184.45	39.43	249.09	-77.09	-3,322.08	-1,031.33	3,460.66	3,145.76	288.15	10.313			
7,650.00	7,221.52	7,203.48	7,196.52	39.91	249.75	-80.96	-3,322.08	-1,031.33	3,472.72	3,151.84	289.23	10.170			
7,700.00	7,229.79	7,204.79	7,204.79	40.42	249.80	-84.62	-3,322.08	-1,031.33	3,485.20	3,157.56	289.72	10.050			
7,750.00	7,234.21	7,209.21	7,209.21	40.97	249.95	-88.00	-3,322.08	-1,031.33	3,498.19	3,162.92	290.35	9.927			
7,780.56	7,235.00	7,210.00	7,210.00	41.32	249.98	-89.92	-3,322.08	-1,031.33	3,502.31	3,167.04	290.69	9.856			
7,800.00	7,235.04	7,210.04	7,210.04	41.54	249.98	-89.92	-3,322.08	-1,031.33	3,506.14	3,170.81	290.89	9.812			
7,900.00	7,235.26	7,210.26	7,210.26	42.82	249.99	-89.92	-3,322.08	-1,031.33	3,519.58	3,175.25	292.03	9.586			
8,000.00	7,235.47	7,210.47	7,210.47	44.25	249.99	-89.93	-3,322.08	-1,031.33	3,533.58	3,179.34	293.36	9.366			
8,100.00	7,235.68	7,210.68	7,210.68	45.82	250.00	-89.93	-3,322.08	-1,031.33	3,548.14	3,183.08	294.85	9.151			
8,200.00	7,235.90	7,210.90	7,210.90	47.52	250.01	-89.94	-3,322.08	-1,031.33	3,563.26	3,186.47	296.50	8.944			
8,300.00	7,236.11	7,211.11	7,211.11	49.34	250.02	-89.94	-3,322.08	-1,031.33	3,578.92	3,189.51	298.32	8.744			
8,400.00	7,236.32	7,211.32	7,211.32	51.25	250.02	-89.95	-3,322.08	-1,031.33	3,595.12	3,192.21	300.28	8.553			
8,500.00	7,236.54	7,211.54	7,211.54	53.26	250.03	-89.95	-3,322.08	-1,031.33	3,611.86	3,194.56	302.37	8.371			
8,600.00	7,236.75	7,211.75	7,211.75	55.34	250.04	-89.96	-3,322.08	-1,031.33	3,629.14	3,196.56	304.58	8.201			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,700.00	7,236.96	7,211.96	7,211.96	57.50	250.05	-89.96	-3,322.08	-1,031.33	2,467.82	2,160.94	306.88	8.042			
8,800.00	7,237.17	7,212.17	7,212.17	59.71	250.05	-89.97	-3,322.08	-1,031.33	2,441.66	2,132.40	309.26	7.895			
8,900.00	7,237.39	7,212.39	7,212.39	61.98	250.06	-89.97	-3,322.08	-1,031.33	2,419.35	2,107.65	311.70	7.762			
9,000.00	7,237.60	7,212.60	7,212.60	64.29	250.07	-89.98	-3,322.08	-1,031.33	2,401.00	2,086.83	314.17	7.642			
9,100.00	7,237.81	7,212.81	7,212.81	66.65	250.08	-89.98	-3,322.08	-1,031.33	2,386.71	2,070.05	316.65	7.537			
9,200.00	7,238.03	7,213.03	7,213.03	69.05	250.08	-89.99	-3,322.08	-1,031.33	2,376.54	2,057.41	319.13	7.447			
9,300.00	7,238.24	7,213.24	7,213.24	71.48	250.09	-90.00	-3,322.08	-1,031.33	2,370.55	2,048.98	321.56	7.372			
9,392.20	7,238.44	7,213.44	7,213.44	73.76	250.10	-90.00	-3,322.08	-1,031.33	2,368.75	2,044.99	323.77	7.316 CC			
9,400.00	7,238.45	7,213.45	7,213.45	73.95	250.10	-90.00	-3,322.08	-1,031.33	2,368.77	2,044.82	323.95	7.312 ES			
9,500.00	7,238.67	7,213.67	7,213.67	76.44	250.11	-90.01	-3,322.08	-1,031.33	2,371.20	2,044.94	326.26	7.268			
9,600.00	7,238.88	7,213.88	7,213.88	78.96	250.11	-90.01	-3,322.08	-1,031.33	2,377.85	2,049.36	328.49	7.239			
9,700.00	7,239.09	7,214.09	7,214.09	81.50	250.12	-90.02	-3,322.08	-1,031.33	2,388.67	2,058.06	330.60	7.225 SF			
9,800.00	7,239.30	7,214.30	7,214.30	84.06	250.13	-90.02	-3,322.08	-1,031.33	2,403.60	2,070.99	332.61	7.227			
9,900.00	7,239.52	7,214.52	7,214.52	86.64	250.14	-90.03	-3,322.08	-1,031.33	2,422.57	2,088.08	334.49	7.243			
10,000.00	7,239.73	7,214.73	7,214.73	89.23	250.14	-90.03	-3,322.08	-1,031.33	2,445.49	2,109.25	336.23	7.273			
10,100.00	7,239.94	7,214.94	7,214.94	91.85	250.15	-90.04	-3,322.08	-1,031.33	2,472.24	2,134.40	337.84	7.318			
10,200.00	7,240.16	7,215.16	7,215.16	94.47	250.16	-90.04	-3,322.08	-1,031.33	2,502.70	2,163.38	339.32	7.376			
10,300.00	7,240.37	7,215.37	7,215.37	97.11	250.17	-90.05	-3,322.08	-1,031.33	2,536.75	2,196.09	340.66	7.447			
10,400.00	7,240.58	7,215.58	7,215.58	99.76	250.17	-90.05	-3,322.08	-1,031.33	2,574.23	2,232.36	341.86	7.530			
10,500.00	7,240.80	7,215.80	7,215.80	102.43	250.18	-90.06	-3,322.08	-1,031.33	2,614.99	2,272.06	342.94	7.625			
10,600.00	7,241.01	7,216.01	7,216.01	105.10	250.19	-90.06	-3,322.08	-1,031.33	2,658.90	2,315.01	343.89	7.732			
10,700.00	7,241.22	7,216.22	7,216.22	107.79	250.19	-90.07	-3,322.08	-1,031.33	2,705.79	2,361.06	344.73	7.849			
10,800.00	7,241.43	7,216.43	7,216.43	110.48	250.20	-90.07	-3,322.08	-1,031.33	2,755.52	2,410.06	345.46	7.976			
10,900.00	7,241.65	7,216.65	7,216.65	113.18	250.21	-90.08	-3,322.08	-1,031.33	2,807.92	2,461.83	346.09	8.113			
11,000.00	7,241.86	7,216.86	7,216.86	115.89	250.22	-90.08	-3,322.08	-1,031.33	2,862.86	2,516.24	346.62	8.259			
11,100.00	7,242.07	7,217.07	7,217.07	118.60	250.22	-90.09	-3,322.08	-1,031.33	2,920.20	2,573.13	347.07	8.414			
11,200.00	7,242.29	7,217.29	7,217.29	121.32	250.23	-90.09	-3,322.08	-1,031.33	2,979.78	2,632.34	347.44	8.576			
11,300.00	7,242.50	7,217.50	7,217.50	124.05	250.24	-90.10	-3,322.08	-1,031.33	3,041.49	2,693.75	347.74	8.747			
11,400.00	7,242.71	7,217.71	7,217.71	126.78	250.25	-90.10	-3,322.08	-1,031.33	3,105.19	2,757.22	347.97	8.924			
11,500.00	7,242.93	7,217.93	7,217.93	129.52	250.25	-90.11	-3,322.08	-1,031.33	3,170.77	2,822.62	348.15	9.107			
11,600.00	7,243.14	7,218.14	7,218.14	132.27	250.26	-90.11	-3,322.08	-1,031.33	3,238.11	2,889.83	348.28	9.298			
11,700.00	7,243.35	7,218.35	7,218.35	135.02	250.27	-90.12	-3,322.08	-1,031.33	3,307.10	2,958.74	348.36	9.493			
11,800.00	7,243.57	7,218.57	7,218.57	137.77	250.28	-90.12	-3,322.08	-1,031.33	3,377.64	3,029.24	348.40	9.695			
11,900.00	7,243.78	7,218.78	7,218.78	140.53	250.28	-90.13	-3,322.08	-1,031.33	3,449.64	3,101.24	348.40	9.901			
12,000.00	7,243.99	7,218.99	7,218.99	143.29	250.29	-90.13	-3,322.08	-1,031.33	3,523.00	3,174.63	348.37	10.113			
12,100.00	7,244.20	7,219.20	7,219.20	146.05	250.30	-90.14	-3,322.08	-1,031.33	3,597.65	3,249.34	348.32	10.329			
12,200.00	7,244.42	7,219.42	7,219.42	148.82	250.31	-90.14	-3,322.08	-1,031.33	3,673.51	3,325.27	348.24	10.549			
12,300.00	7,244.63	7,219.63	7,219.63	151.60	250.31	-90.15	-3,322.08	-1,031.33	3,750.50	3,402.35	348.14	10.773			
12,400.00	7,244.84	7,219.84	7,219.84	154.37	250.32	-90.15	-3,322.08	-1,031.33	3,828.55	3,480.52	348.03	11.001			
12,500.00	7,245.06	7,220.06	7,220.06	157.15	250.33	-90.16	-3,322.08	-1,031.33	3,907.60	3,559.71	347.90	11.232			
12,600.00	7,245.27	7,220.27	7,220.27	159.93	250.34	-90.17	-3,322.08	-1,031.33	3,987.59	3,639.84	347.75	11.467			
12,700.00	7,245.48	7,220.48	7,220.48	162.71	250.34	-90.17	-3,322.08	-1,031.33	4,068.47	3,720.87	347.60	11.705			
12,800.00	7,245.70	7,220.70	7,220.70	165.50	250.35	-90.18	-3,322.08	-1,031.33	4,150.18	3,802.75	347.43	11.945			
12,900.00	7,245.91	7,220.91	7,220.91	168.29	250.36	-90.18	-3,322.08	-1,031.33	4,232.68	3,885.42	347.26	12.189			
13,000.00	7,246.12	7,221.12	7,221.12	171.08	250.37	-90.19	-3,322.08	-1,031.33	4,315.92	3,968.83	347.09	12.435			
13,100.00	7,246.33	7,221.33	7,221.33	173.87	250.37	-90.19	-3,322.08	-1,031.33	4,399.85	4,052.95	346.90	12.683			
13,200.00	7,246.55	7,221.55	7,221.55	176.67	250.38	-90.20	-3,322.08	-1,031.33	4,484.44	4,137.72	346.72	12.934			
13,300.00	7,246.76	7,221.76	7,221.76	179.47	250.39	-90.20	-3,322.08	-1,031.33	4,569.66	4,223.13	346.53	13.187			
13,400.00	7,246.97	7,221.97	7,221.97	182.27	250.40	-90.21	-3,322.08	-1,031.33	4,655.46	4,309.12	346.34	13.442			
13,500.00	7,247.19	7,222.19	7,222.19	185.07	250.40	-90.21	-3,322.08	-1,031.33	4,741.82	4,395.67	346.15	13.699			
13,600.00	7,247.40	7,222.40	7,222.40	187.87	250.41	-90.22	-3,322.08	-1,031.33	4,828.71	4,482.75	345.96	13.957			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Falken 9-11 PAD - POP I #14-17 - OH - OH														Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma															
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,700.00	7,247.61	7,222.61	7,222.61	190.68	250.42	-90.22	-3,322.08	-1,031.33	4,916.10	4,570.32	345.77	14.218			
13,800.00	7,247.83	7,222.83	7,222.83	193.48	250.43	-90.23	-3,322.08	-1,031.33	5,003.96	4,658.37	345.58	14.480			
13,900.00	7,248.04	7,223.04	7,223.04	196.29	250.43	-90.23	-3,322.08	-1,031.33	5,092.26	4,746.87	345.40	14.743			
14,000.00	7,248.25	7,223.25	7,223.25	199.10	250.44	-90.24	-3,322.08	-1,031.33	5,180.99	4,835.78	345.21	15.008			
14,100.00	7,248.46	7,223.46	7,223.46	201.91	250.45	-90.24	-3,322.08	-1,031.33	5,270.13	4,925.10	345.02	15.275			
14,200.00	7,248.68	7,223.68	7,223.68	204.72	250.46	-90.25	-3,322.08	-1,031.33	5,359.64	5,014.80	344.84	15.542			
14,300.00	7,248.89	7,223.89	7,223.89	207.53	250.46	-90.25	-3,322.08	-1,031.33	5,449.53	5,104.87	344.66	15.811			
14,400.00	7,249.10	7,224.10	7,224.10	210.35	250.47	-90.26	-3,322.08	-1,031.33	5,539.76	5,195.27	344.48	16.081			
14,500.00	7,249.32	7,224.32	7,224.32	213.16	250.48	-90.26	-3,322.08	-1,031.33	5,630.32	5,286.01	344.31	16.352			
14,600.00	7,249.53	7,224.53	7,224.53	215.98	250.48	-90.27	-3,322.08	-1,031.33	5,721.19	5,377.05	344.14	16.625			
14,700.00	7,249.74	7,224.74	7,224.74	218.80	250.49	-90.27	-3,322.08	-1,031.33	5,812.36	5,468.39	343.97	16.898			
14,800.00	7,249.96	7,224.96	7,224.96	221.62	250.50	-90.28	-3,322.08	-1,031.33	5,903.82	5,560.02	343.80	17.172			
14,900.00	7,250.17	7,225.17	7,225.17	224.44	250.51	-90.28	-3,322.08	-1,031.33	5,995.55	5,651.91	343.64	17.447			
15,000.00	7,250.38	7,225.38	7,225.38	227.26	250.51	-90.29	-3,322.08	-1,031.33	6,087.55	5,744.06	343.48	17.723			
15,100.00	7,250.59	7,225.59	7,225.59	230.08	250.52	-90.29	-3,322.08	-1,031.33	6,179.79	5,836.46	343.33	18.000			
15,200.00	7,250.81	7,225.81	7,225.81	232.90	250.53	-90.30	-3,322.08	-1,031.33	6,272.27	5,929.09	343.17	18.277			
15,300.00	7,251.02	7,226.02	7,226.02	235.72	250.54	-90.30	-3,322.08	-1,031.33	6,364.97	6,021.95	343.03	18.555			
15,400.00	7,251.23	7,226.23	7,226.23	238.55	250.54	-90.31	-3,322.08	-1,031.33	6,457.90	6,115.02	342.88	18.834			
15,500.00	7,251.45	7,226.45	7,226.45	241.37	250.55	-90.31	-3,322.08	-1,031.33	6,551.03	6,208.29	342.74	19.114			
15,600.00	7,251.66	7,226.66	7,226.66	244.20	250.56	-90.32	-3,322.08	-1,031.33	6,644.36	6,301.76	342.60	19.394			
15,700.00	7,251.87	7,226.87	7,226.87	247.03	250.57	-90.32	-3,322.08	-1,031.33	6,737.89	6,395.42	342.46	19.675			
15,800.00	7,252.09	7,227.09	7,227.09	249.85	250.57	-90.33	-3,322.08	-1,031.33	6,831.59	6,489.26	342.33	19.956			
15,900.00	7,252.30	7,227.30	7,227.30	252.68	250.58	-90.34	-3,322.08	-1,031.33	6,925.48	6,583.27	342.20	20.238			
16,000.00	7,252.51	7,227.51	7,227.51	255.51	250.59	-90.34	-3,322.08	-1,031.33	7,019.53	6,677.45	342.08	20.520			
16,100.00	7,252.72	7,227.72	7,227.72	258.34	250.60	-90.35	-3,322.08	-1,031.33	7,113.74	6,771.79	341.96	20.803			
16,200.00	7,252.94	7,227.94	7,227.94	261.17	250.60	-90.35	-3,322.08	-1,031.33	7,208.11	6,866.27	341.84	21.086			
16,300.00	7,253.15	7,228.15	7,228.15	264.00	250.61	-90.36	-3,322.08	-1,031.33	7,302.63	6,960.91	341.72	21.370			
16,400.00	7,253.36	7,228.36	7,228.36	266.83	250.62	-90.36	-3,322.08	-1,031.33	7,397.30	7,055.69	341.61	21.654			
16,500.00	7,253.58	7,228.58	7,228.58	269.66	250.63	-90.37	-3,322.08	-1,031.33	7,492.10	7,150.60	341.50	21.939			
16,600.00	7,253.79	7,228.79	7,228.79	272.50	250.63	-90.37	-3,322.08	-1,031.33	7,587.03	7,245.64	341.39	22.224			
16,700.00	7,254.00	7,229.00	7,229.00	275.33	250.64	-90.38	-3,322.08	-1,031.33	7,682.10	7,340.81	341.29	22.509			
16,800.00	7,254.22	7,229.22	7,229.22	278.16	250.65	-90.38	-3,322.08	-1,031.33	7,777.29	7,436.10	341.19	22.795			
16,900.00	7,254.43	7,229.43	7,229.43	281.00	250.66	-90.39	-3,322.08	-1,031.33	7,872.59	7,531.50	341.09	23.080			
17,000.00	7,254.64	7,229.64	7,229.64	283.83	250.66	-90.39	-3,322.08	-1,031.33	7,968.02	7,627.02	341.00	23.367			
17,100.00	7,254.85	7,229.85	7,229.85	286.67	250.67	-90.40	-3,322.08	-1,031.33	8,063.55	7,722.64	340.91	23.653			
17,200.00	7,255.07	7,230.07	7,230.07	289.50	250.68	-90.40	-3,322.08	-1,031.33	8,159.19	7,818.37	340.82	23.940			
17,300.00	7,255.28	7,230.28	7,230.28	292.34	250.69	-90.41	-3,322.08	-1,031.33	8,254.93	7,914.20	340.73	24.227			
17,400.00	7,255.49	7,230.49	7,230.49	295.17	250.69	-90.41	-3,322.08	-1,031.33	8,350.78	8,010.13	340.65	24.514			
17,500.00	7,255.71	7,230.71	7,230.71	298.01	250.70	-90.42	-3,322.08	-1,031.33	8,446.72	8,106.15	340.57	24.802			
17,600.00	7,255.92	7,230.92	7,230.92	300.85	250.71	-90.42	-3,322.08	-1,031.33	8,542.75	8,202.26	340.49	25.090			
17,700.00	7,256.13	7,231.13	7,231.13	303.68	250.72	-90.43	-3,322.08	-1,031.33	8,638.87	8,298.46	340.42	25.377			
17,800.00	7,256.35	7,231.35	7,231.35	306.52	250.72	-90.43	-3,322.08	-1,031.33	8,735.08	8,394.74	340.34	25.666			
17,900.00	7,256.56	7,231.56	7,231.56	309.36	250.73	-90.44	-3,322.08	-1,031.33	8,831.38	8,491.11	340.27	25.954			
18,000.00	7,256.77	7,231.77	7,231.77	312.20	250.74	-90.44	-3,322.08	-1,031.33	8,927.76	8,587.55	340.21	26.242			
18,100.00	7,256.98	7,231.98	7,231.98	315.04	250.75	-90.45	-3,322.08	-1,031.33	9,024.21	8,684.07	340.14	26.531			
18,200.00	7,257.20	7,232.20	7,232.20	317.88	250.75	-90.45	-3,322.08	-1,031.33	9,120.74	8,780.66	340.08	26.820			
18,300.00	7,257.41	7,232.41	7,232.41	320.72	250.76	-90.46	-3,322.08	-1,031.33	9,217.35	8,877.33	340.02	27.109			
18,400.00	7,257.62	7,232.62	7,232.62	323.56	250.77	-90.46	-3,322.08	-1,031.33	9,314.02	8,974.06	339.96	27.398			
18,500.00	7,257.84	7,232.84	7,232.84	326.40	250.77	-90.47	-3,322.08	-1,031.33	9,410.77	9,070.87	339.90	27.687			
18,600.00	7,258.05	7,233.05	7,233.05	329.24	250.78	-90.47	-3,322.08	-1,031.33	9,507.58	9,167.73	339.85	27.976			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - POP I #14-17 - OH - OH		Offset Site Error:		0.00 ft	
Survey Program:													100-2° Cone@2.448 Sigma		Offset Well Error:		3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning				
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)	(ft)						
18,700.00	7,258.26	7,233.26	7,233.26	332.08	250.79	-90.48	-3,322.08	-1,031.33	9,604.46	9,264.66	339.80	28.265						
18,800.00	7,258.48	7,233.48	7,233.48	334.92	250.80	-90.48	-3,322.08	-1,031.33	9,701.40	9,361.66	339.75	28.555						
18,900.00	7,258.69	7,233.69	7,233.69	337.76	250.80	-90.49	-3,322.08	-1,031.33	9,798.41	9,458.71	339.70	28.844						
19,000.00	7,258.90	7,233.90	7,233.90	340.60	250.81	-90.50	-3,322.08	-1,031.33	9,895.47	9,555.81	339.66	29.134						
19,046.19	7,259.00	7,234.00	7,234.00	341.92	250.82	-90.50	-3,322.08	-1,031.33	9,940.32	9,600.69	339.63	29.268						

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - SOUTH WOODS #10-3(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	4.00	-4.00	3.28	3.28	-88.11	276.46	-8,360.37	8,364.94					
100.00	100.00	104.00	96.00	3.28	3.78	-88.11	276.46	-8,360.37	8,364.94	8,357.87	7.07	1,183.522		
200.00	200.00	204.00	196.00	3.34	6.30	-88.11	276.46	-8,360.37	8,364.94	8,355.31	9.63	868.205		
300.00	300.00	304.00	296.00	3.44	9.45	-88.11	276.46	-8,360.37	8,364.94	8,352.04	12.90	648.483		
400.00	399.98	404.02	395.98	3.60	12.79	146.88	276.46	-8,360.37	8,366.40	8,350.02	16.38	510.642		
500.00	499.84	504.16	495.84	3.79	16.19	146.86	276.46	-8,360.37	8,370.79	8,350.81	19.98	418.919		
600.00	599.45	604.55	595.45	4.03	19.64	146.81	276.46	-8,360.37	8,378.09	8,354.43	23.66	354.071		
700.00	698.70	705.30	694.70	4.30	23.11	146.74	276.46	-8,360.37	8,388.31	8,360.90	27.41	306.034		
800.00	797.47	806.53	793.47	4.61	26.61	146.65	276.46	-8,360.37	8,401.43	8,370.22	31.22	269.127		
900.00	895.62	908.38	891.62	4.95	30.14	146.55	276.46	-8,360.37	8,417.45	8,382.37	35.08	239.936		
1,000.00	993.06	989.06	989.06	5.33	32.95	146.42	276.46	-8,360.37	8,436.35	8,398.11	38.24	220.598		
1,100.00	1,090.08	1,086.08	1,086.08	5.74	36.32	146.51	276.46	-8,360.37	8,456.70	8,414.71	41.99	201.382		
1,200.00	1,187.11	1,183.11	1,183.11	6.17	39.69	146.60	276.46	-8,360.37	8,477.07	8,431.31	45.76	185.251		
1,300.00	1,284.14	1,280.14	1,280.14	6.61	43.07	146.69	276.46	-8,360.37	8,497.45	8,447.91	49.54	171.516		
1,400.00	1,381.17	1,377.17	1,377.17	7.07	46.45	146.78	276.46	-8,360.37	8,517.86	8,464.52	53.34	159.689		
1,500.00	1,478.20	1,474.20	1,474.20	7.55	49.83	146.86	276.46	-8,360.37	8,538.29	8,481.14	57.15	149.406		
1,600.00	1,575.23	1,571.23	1,571.23	8.03	53.21	146.95	276.46	-8,360.37	8,558.74	8,497.77	60.97	140.386		
1,700.00	1,672.26	1,668.26	1,668.26	8.52	56.59	147.04	276.46	-8,360.37	8,579.20	8,514.41	64.79	132.413		
1,800.00	1,769.29	1,765.29	1,765.29	9.01	59.97	147.13	276.46	-8,360.37	8,599.69	8,531.07	68.62	125.318		
1,900.00	1,866.32	1,862.32	1,862.32	9.51	63.35	147.21	276.46	-8,360.37	8,620.19	8,547.73	72.46	118.965		
2,000.00	1,963.35	1,959.35	1,959.35	10.02	66.74	147.30	276.46	-8,360.37	8,640.72	8,564.42	76.30	113.244		
2,100.00	2,060.38	2,056.38	2,056.38	10.53	70.12	147.38	276.46	-8,360.37	8,661.26	8,581.11	80.15	108.066		
2,200.00	2,157.41	2,153.41	2,153.41	11.04	73.50	147.47	276.46	-8,360.37	8,681.82	8,597.83	84.00	103.359		
2,300.00	2,254.44	2,250.44	2,250.44	11.56	76.89	147.55	276.46	-8,360.37	8,702.40	8,614.55	87.85	99.061		
2,400.00	2,351.47	2,347.47	2,347.47	12.07	80.27	147.64	276.46	-8,360.37	8,723.00	8,631.30	91.70	95.121		
2,500.00	2,448.50	2,444.50	2,444.50	12.59	83.66	147.72	276.46	-8,360.37	8,743.62	8,648.06	95.56	91.498		
2,600.00	2,545.53	2,541.53	2,541.53	13.12	87.04	147.81	276.46	-8,360.37	8,764.26	8,664.84	99.42	88.154		
2,700.00	2,642.56	2,638.56	2,638.56	13.64	90.43	147.89	276.46	-8,360.37	8,784.91	8,681.63	103.28	85.058		
2,800.00	2,739.59	2,735.59	2,735.59	14.17	93.81	147.97	276.46	-8,360.37	8,805.58	8,698.44	107.14	82.185		
2,900.00	2,836.62	2,832.62	2,832.62	14.69	97.20	148.06	276.46	-8,360.37	8,826.27	8,715.27	111.01	79.511		
3,000.00	2,933.65	2,929.65	2,929.65	15.22	100.58	148.14	276.46	-8,360.37	8,846.98	8,732.11	114.87	77.016		
3,100.00	3,030.68	3,026.68	3,026.68	15.75	103.97	148.22	276.46	-8,360.37	8,867.71	8,748.97	118.74	74.683		
3,200.00	3,127.71	3,123.71	3,123.71	16.28	107.35	148.30	276.46	-8,360.37	8,888.45	8,765.84	122.60	72.497		
3,300.00	3,224.74	3,220.74	3,220.74	16.82	110.74	148.38	276.46	-8,360.37	8,909.21	8,782.74	126.47	70.444		
3,400.00	3,321.76	3,317.76	3,317.76	17.35	114.13	148.46	276.46	-8,360.37	8,929.99	8,799.64	130.34	68.513		
3,500.00	3,418.79	3,414.79	3,414.79	17.88	117.51	148.54	276.46	-8,360.37	8,950.78	8,816.57	134.21	66.692		
3,600.00	3,515.82	3,511.82	3,511.82	18.42	120.90	148.62	276.46	-8,360.37	8,971.59	8,833.51	138.08	64.974		
3,700.00	3,612.85	3,608.85	3,608.85	18.95	124.28	148.70	276.46	-8,360.37	8,992.42	8,850.47	141.95	63.349		
3,800.00	3,709.88	3,705.88	3,705.88	19.49	127.67	148.78	276.46	-8,360.37	9,013.27	8,867.44	145.82	61.810		
3,900.00	3,806.91	3,802.91	3,802.91	20.02	131.06	148.86	276.46	-8,360.37	9,034.13	8,884.44	149.69	60.351		
4,000.00	3,903.94	3,900.06	3,899.94	20.56	134.45	148.94	276.46	-8,360.37	9,055.01	8,901.44	153.57	58.964		
4,100.00	4,000.97	4,003.03	3,996.97	21.09	138.04	149.02	276.46	-8,360.37	9,075.90	8,918.25	157.65	57.571		
4,200.00	4,098.00	4,106.00	4,094.00	21.63	141.63	149.10	276.46	-8,360.37	9,096.81	8,935.09	161.73	56.248		
4,300.00	4,195.03	4,208.97	4,191.03	22.17	145.23	149.17	276.46	-8,360.37	9,117.74	8,951.93	165.81	54.990		
4,400.00	4,292.06	4,288.06	4,288.06	22.71	147.99	149.25	276.46	-8,360.37	9,138.68	8,969.63	169.05	54.058		
4,500.00	4,389.09	4,385.09	4,385.09	23.25	151.37	149.33	276.46	-8,360.37	9,159.64	8,986.72	172.93	52.968		
4,600.00	4,486.12	4,482.12	4,482.12	23.78	154.76	149.40	276.46	-8,360.37	9,180.62	9,003.82	176.80	51.927		
4,700.00	4,583.15	4,579.15	4,579.15	24.32	158.15	149.48	276.46	-8,360.37	9,201.61	9,020.94	180.67	50.930		
4,800.00	4,680.18	4,676.18	4,676.18	24.86	161.53	149.55	276.46	-8,360.37	9,222.62	9,038.07	184.55	49.974		
4,900.00	4,777.21	4,773.21	4,773.21	25.40	164.92	149.63	276.46	-8,360.37	9,243.64	9,055.22	188.42	49.058		
5,000.00	4,874.24	4,870.24	4,870.24	25.94	168.31	149.71	276.46	-8,360.37	9,264.68	9,072.38	192.29	48.180		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - SOUTH WOODS #10-3(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,971.27	4,967.27	4,967.27	26.48	171.69	149.78	276.46	-8,360.37	9,285.73	9,089.56	196.17	47.335		
5,200.00	5,068.30	5,064.30	5,064.30	27.02	175.08	149.85	276.46	-8,360.37	9,306.80	9,106.76	200.04	46.524		
5,300.00	5,165.33	5,161.33	5,161.33	27.56	178.47	149.93	276.46	-8,360.37	9,327.89	9,123.97	203.92	45.744		
5,400.00	5,262.36	5,258.36	5,258.36	28.10	181.85	150.00	276.46	-8,360.37	9,348.99	9,141.19	207.79	44.992		
5,500.00	5,359.39	5,355.39	5,355.39	28.64	185.24	150.08	276.46	-8,360.37	9,370.10	9,158.43	211.67	44.268		
5,600.00	5,456.42	5,452.42	5,452.42	29.18	188.63	150.15	276.46	-8,360.37	9,391.23	9,175.69	215.54	43.571		
5,700.00	5,553.45	5,549.45	5,549.45	29.72	192.01	150.22	276.46	-8,360.37	9,412.37	9,192.96	219.41	42.898		
5,800.00	5,650.47	5,646.47	5,646.47	30.27	195.40	150.29	276.46	-8,360.37	9,433.53	9,210.24	223.29	42.248		
5,900.00	5,747.50	5,743.50	5,743.50	30.81	198.79	150.37	276.46	-8,360.37	9,454.70	9,227.54	227.16	41.621		
6,000.00	5,844.53	5,840.53	5,840.53	31.35	202.17	150.44	276.46	-8,360.37	9,475.89	9,244.85	231.04	41.014		
6,100.00	5,941.56	5,937.56	5,937.56	31.89	205.56	150.51	276.46	-8,360.37	9,497.09	9,262.18	234.91	40.428		
6,200.00	6,038.59	6,034.59	6,034.59	32.43	208.95	150.58	276.46	-8,360.37	9,518.31	9,279.52	238.79	39.861		
6,300.00	6,135.62	6,131.62	6,131.62	32.97	212.34	150.65	276.46	-8,360.37	9,539.54	9,296.87	242.66	39.312		
6,400.00	6,232.65	6,228.65	6,228.65	33.51	215.72	150.72	276.46	-8,360.37	9,560.78	9,314.24	246.54	38.780		
6,500.00	6,329.68	6,325.68	6,325.68	34.06	219.11	150.79	276.46	-8,360.37	9,582.04	9,331.63	250.41	38.265		
6,600.00	6,426.71	6,422.71	6,422.71	34.60	222.50	150.86	276.46	-8,360.37	9,603.31	9,349.02	254.29	37.766		
6,655.36	6,480.43	6,476.43	6,476.43	34.90	224.37	150.90	276.46	-8,360.37	9,615.09	9,358.66	256.43	37.496		
6,700.00	6,524.01	6,520.01	6,520.01	35.13	225.89	138.65	276.46	-8,360.37	9,623.07	9,364.91	258.17	37.275		
6,750.00	6,573.29	6,569.29	6,569.29	35.36	227.61	116.12	276.46	-8,360.37	9,628.36	9,368.25	260.11	37.016		
6,800.00	6,622.76	6,618.76	6,618.76	35.56	229.34	85.79	276.46	-8,360.37	9,629.77	9,367.73	262.05	36.749		
6,850.00	6,672.13	6,668.13	6,668.13	35.73	231.06	60.47	276.46	-8,360.37	9,627.29	9,363.34	263.95	36.474		
6,900.00	6,721.08	6,717.08	6,717.08	35.88	232.77	45.12	276.46	-8,360.37	9,620.93	9,355.12	265.81	36.195		
6,950.00	6,769.31	6,765.31	6,765.31	36.03	234.45	36.19	276.46	-8,360.37	9,610.74	9,343.12	267.62	35.911		
7,000.00	6,816.53	6,812.53	6,812.53	36.18	236.10	30.73	276.46	-8,360.37	9,596.78	9,327.40	269.38	35.625		
7,050.00	6,862.44	6,858.44	6,858.44	36.34	237.71	27.21	276.46	-8,360.37	9,579.13	9,308.06	271.07	35.338		
7,100.00	6,906.77	6,902.77	6,902.77	36.50	239.25	24.88	276.46	-8,360.37	9,557.92	9,285.23	272.69	35.051		
7,150.00	6,949.23	6,945.23	6,945.23	36.68	240.74	23.35	276.46	-8,360.37	9,533.25	9,259.03	274.22	34.765		
7,200.00	6,989.58	6,985.58	6,985.58	36.87	242.14	22.40	276.46	-8,360.37	9,505.30	9,229.64	275.66	34.482		
7,250.00	7,027.55	7,023.55	7,023.55	37.09	243.47	21.90	276.46	-8,360.37	9,474.24	9,197.23	277.01	34.202		
7,300.00	7,062.91	7,058.91	7,058.91	37.32	244.70	21.80	276.46	-8,360.37	9,440.24	9,162.00	278.25	33.928		
7,350.00	7,095.45	7,108.55	7,091.45	37.59	246.44	22.10	276.46	-8,360.37	9,403.53	9,123.56	279.98	33.587		
7,400.00	7,124.97	7,120.97	7,120.97	37.88	246.87	22.82	276.46	-8,360.37	9,364.34	9,083.94	280.40	33.397		
7,450.00	7,151.28	7,147.28	7,147.28	38.21	247.79	24.03	276.46	-8,360.37	9,322.89	9,041.59	281.30	33.143		
7,500.00	7,174.22	7,170.22	7,170.22	38.58	248.59	25.91	276.46	-8,360.37	9,279.45	8,997.37	282.08	32.897		
7,550.00	7,193.65	7,189.65	7,189.65	38.98	249.27	28.73	276.46	-8,360.37	9,234.28	8,951.55	282.73	32.661		
7,600.00	7,209.45	7,205.45	7,205.45	39.43	249.82	33.03	276.46	-8,360.37	9,187.67	8,904.41	283.26	32.435		
7,650.00	7,221.52	7,217.52	7,217.52	39.91	250.24	39.87	276.46	-8,360.37	9,139.90	8,856.23	283.66	32.221		
7,700.00	7,229.79	7,225.79	7,225.79	40.42	250.53	51.41	276.46	-8,360.37	9,091.25	8,807.31	283.94	32.018		
7,750.00	7,234.21	7,230.21	7,230.21	40.97	250.68	71.52	276.46	-8,360.37	9,042.04	8,757.95	284.09	31.828		
7,780.56	7,235.00	7,231.00	7,231.00	41.32	250.71	89.14	276.46	-8,360.37	9,011.81	8,727.69	284.12	31.719		
7,800.00	7,235.04	7,231.04	7,231.04	41.54	250.71	89.14	276.46	-8,360.37	8,992.56	8,708.44	284.12	31.650		
7,900.00	7,235.26	7,231.26	7,231.26	42.82	250.72	89.15	276.46	-8,360.37	8,893.57	8,609.43	284.14	31.300		
8,000.00	7,235.47	7,231.47	7,231.47	44.25	250.73	89.16	276.46	-8,360.37	8,794.60	8,510.43	284.17	30.948		
8,100.00	7,235.68	7,231.68	7,231.68	45.82	250.73	89.17	276.46	-8,360.37	8,695.66	8,411.45	284.21	30.596		
8,200.00	7,235.90	7,231.90	7,231.90	47.52	250.74	89.18	276.46	-8,360.37	8,596.74	8,312.49	284.25	30.243		
8,300.00	7,236.11	7,232.11	7,232.11	49.34	250.75	89.19	276.46	-8,360.37	8,497.84	8,213.54	284.30	29.890		
8,400.00	7,236.32	7,232.32	7,232.32	51.25	250.76	89.20	276.46	-8,360.37	8,398.98	8,114.61	284.37	29.536		
8,500.00	7,236.54	7,232.54	7,232.54	53.26	250.76	89.21	276.46	-8,360.37	8,300.13	8,015.70	284.44	29.181		
8,600.00	7,236.75	7,232.75	7,232.75	55.34	250.77	89.22	276.46	-8,360.37	8,201.32	7,916.80	284.52	28.825		
8,700.00	7,236.96	7,232.96	7,232.96	57.50	250.78	89.23	276.46	-8,360.37	8,102.54	7,817.92	284.61	28.469		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - SOUTH WOODS #10-3(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2° Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,237.17	7,233.17	7,233.17	59.71	250.79	89.24	276.46	-8,360.37	8,003.78	7,719.07	284.71	28.112		
8,900.00	7,237.39	7,233.39	7,233.39	61.98	250.79	89.25	276.46	-8,360.37	7,905.06	7,620.23	284.83	27.754		
9,000.00	7,237.60	7,233.60	7,233.60	64.29	250.80	89.26	276.46	-8,360.37	7,806.37	7,521.41	284.96	27.395		
9,100.00	7,237.81	7,233.81	7,233.81	66.65	250.81	89.27	276.46	-8,360.37	7,707.71	7,422.61	285.10	27.035		
9,200.00	7,238.03	7,234.03	7,234.03	69.05	250.82	89.28	276.46	-8,360.37	7,609.09	7,323.84	285.25	26.675		
9,300.00	7,238.24	7,234.24	7,234.24	71.48	250.82	89.29	276.46	-8,360.37	7,510.50	7,225.08	285.42	26.314		
9,400.00	7,238.45	7,234.45	7,234.45	73.95	250.83	89.30	276.46	-8,360.37	7,411.96	7,126.35	285.61	25.952		
9,500.00	7,238.67	7,234.67	7,234.67	76.44	250.84	89.31	276.46	-8,360.37	7,313.45	7,027.64	285.81	25.589		
9,600.00	7,238.88	7,234.88	7,234.88	78.96	250.85	89.32	276.46	-8,360.37	7,214.98	6,928.96	286.03	25.225		
9,700.00	7,239.09	7,235.09	7,235.09	81.50	250.85	89.33	276.46	-8,360.37	7,116.56	6,830.30	286.26	24.860		
9,800.00	7,239.30	7,235.30	7,235.30	84.06	250.86	89.34	276.46	-8,360.37	7,018.18	6,731.66	286.52	24.495		
9,900.00	7,239.52	7,235.52	7,235.52	86.64	250.87	89.34	276.46	-8,360.37	6,919.84	6,633.05	286.79	24.129		
10,000.00	7,239.73	7,235.73	7,235.73	89.23	250.88	89.35	276.46	-8,360.37	6,821.56	6,534.47	287.09	23.761		
10,100.00	7,239.94	7,235.94	7,235.94	91.85	250.88	89.36	276.46	-8,360.37	6,723.33	6,435.92	287.40	23.393		
10,200.00	7,240.16	7,236.16	7,236.16	94.47	250.89	89.37	276.46	-8,360.37	6,625.14	6,337.40	287.74	23.024		
10,300.00	7,240.37	7,236.37	7,236.37	97.11	250.90	89.38	276.46	-8,360.37	6,527.02	6,238.91	288.11	22.655		
10,400.00	7,240.58	7,236.58	7,236.58	99.76	250.91	89.39	276.46	-8,360.37	6,428.95	6,140.45	288.50	22.284		
10,500.00	7,240.80	7,236.80	7,236.80	102.43	250.91	89.40	276.46	-8,360.37	6,330.94	6,042.02	288.92	21.913		
10,600.00	7,241.01	7,237.01	7,237.01	105.10	250.92	89.41	276.46	-8,360.37	6,233.00	5,943.63	289.36	21.540		
10,700.00	7,241.22	7,237.22	7,237.22	107.79	250.93	89.42	276.46	-8,360.37	6,135.12	5,845.28	289.84	21.167		
10,800.00	7,241.43	7,237.43	7,237.43	110.48	250.94	89.43	276.46	-8,360.37	6,037.31	5,746.96	290.35	20.793		
10,900.00	7,241.65	7,237.65	7,237.65	113.18	250.94	89.44	276.46	-8,360.37	5,939.57	5,648.69	290.89	20.419		
11,000.00	7,241.86	7,237.86	7,237.86	115.89	250.95	89.45	276.46	-8,360.37	5,841.92	5,550.45	291.46	20.043		
11,100.00	7,242.07	7,238.07	7,238.07	118.60	250.96	89.46	276.46	-8,360.37	5,744.34	5,452.26	292.07	19.667		
11,200.00	7,242.29	7,238.29	7,238.29	121.32	250.97	89.47	276.46	-8,360.37	5,646.84	5,354.12	292.73	19.291		
11,300.00	7,242.50	7,238.50	7,238.50	124.05	250.97	89.48	276.46	-8,360.37	5,549.44	5,256.02	293.42	18.913		
11,400.00	7,242.71	7,238.71	7,238.71	126.78	250.98	89.49	276.46	-8,360.37	5,452.13	5,157.98	294.15	18.535		
11,500.00	7,242.93	7,238.93	7,238.93	129.52	250.99	89.50	276.46	-8,360.37	5,354.92	5,059.99	294.93	18.157		
11,600.00	7,243.14	7,239.14	7,239.14	132.27	250.99	89.51	276.46	-8,360.37	5,257.81	4,962.05	295.75	17.778		
11,700.00	7,243.35	7,239.35	7,239.35	135.02	251.00	89.52	276.46	-8,360.37	5,160.81	4,864.18	296.63	17.398		
11,800.00	7,243.57	7,239.57	7,239.57	137.77	251.01	89.53	276.46	-8,360.37	5,063.93	4,766.37	297.56	17.018		
11,900.00	7,243.78	7,239.78	7,239.78	140.53	251.02	89.54	276.46	-8,360.37	4,967.18	4,668.64	298.54	16.638		
12,000.00	7,243.99	7,239.99	7,239.99	143.29	251.02	89.55	276.46	-8,360.37	4,870.55	4,570.97	299.58	16.258		
12,100.00	7,244.20	7,240.20	7,240.20	146.05	251.03	89.56	276.46	-8,360.37	4,774.06	4,473.38	300.69	15.877		
12,200.00	7,244.42	7,240.42	7,240.42	148.82	251.04	89.57	276.46	-8,360.37	4,677.73	4,375.87	301.85	15.497		
12,300.00	7,244.63	7,240.63	7,240.63	151.60	251.05	89.58	276.46	-8,360.37	4,581.54	4,278.45	303.09	15.116		
12,400.00	7,244.84	7,240.84	7,240.84	154.37	251.05	89.59	276.46	-8,360.37	4,485.53	4,181.13	304.40	14.736		
12,500.00	7,245.06	7,241.06	7,241.06	157.15	251.06	89.60	276.46	-8,360.37	4,389.69	4,083.91	305.79	14.355		
12,600.00	7,245.27	7,241.27	7,241.27	159.93	251.07	89.60	276.46	-8,360.37	4,294.05	3,986.79	307.26	13.975		
12,700.00	7,245.48	7,241.48	7,241.48	162.71	251.08	89.61	276.46	-8,360.37	4,198.60	3,889.79	308.81	13.596		
12,800.00	7,245.70	7,241.70	7,241.70	165.50	251.08	89.62	276.46	-8,360.37	4,103.37	3,792.92	310.46	13.217		
12,900.00	7,245.91	7,241.91	7,241.91	168.29	251.09	89.63	276.46	-8,360.37	4,008.38	3,696.18	312.20	12.839		
13,000.00	7,246.12	7,242.12	7,242.12	171.08	251.10	89.64	276.46	-8,360.37	3,913.63	3,599.59	314.05	12.462		
13,100.00	7,246.33	7,242.33	7,242.33	173.87	251.11	89.65	276.46	-8,360.37	3,819.16	3,503.15	316.01	12.086		
13,200.00	7,246.55	7,242.55	7,242.55	176.67	251.11	89.66	276.46	-8,360.37	3,724.97	3,406.89	318.08	11.711		
13,300.00	7,246.76	7,242.76	7,242.76	179.47	251.12	89.67	276.46	-8,360.37	3,631.09	3,310.81	320.28	11.337		
13,400.00	7,246.97	7,242.97	7,242.97	182.27	251.13	89.68	276.46	-8,360.37	3,537.55	3,214.93	322.62	10.965		
13,500.00	7,247.19	7,243.19	7,243.19	185.07	251.14	89.69	276.46	-8,360.37	3,444.37	3,119.27	325.10	10.595		
13,600.00	7,247.40	7,243.40	7,243.40	187.87	251.14	89.70	276.46	-8,360.37	3,351.58	3,023.86	327.73	10.227		
13,700.00	7,247.61	7,243.61	7,243.61	190.68	251.15	89.71	276.46	-8,360.37	3,259.22	2,928.70	330.52	9.861		
13,800.00	7,247.83	7,243.83	7,243.83	193.48	251.16	89.72	276.46	-8,360.37	3,167.33	2,833.84	333.49	9.498		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - SOUTH WOODS #10-3(PA) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.04	7,244.04	7,244.04	196.29	251.17	89.73	276.46	-8,360.37	3,075.94	2,739.29	336.65	9.137		
14,000.00	7,248.25	7,244.25	7,244.25	199.10	251.17	89.74	276.46	-8,360.37	2,985.10	2,645.09	340.01	8.780		
14,100.00	7,248.46	7,244.46	7,244.46	201.91	251.18	89.75	276.46	-8,360.37	2,894.86	2,551.28	343.58	8.426		
14,200.00	7,248.68	7,244.68	7,244.68	204.72	251.19	89.76	276.46	-8,360.37	2,805.29	2,457.90	347.39	8.075		
14,300.00	7,248.89	7,244.89	7,244.89	207.53	251.20	89.77	276.46	-8,360.37	2,716.45	2,365.00	351.45	7.729		
14,400.00	7,249.10	7,245.10	7,245.10	210.35	251.20	89.78	276.46	-8,360.37	2,628.40	2,272.63	355.78	7.388		
14,500.00	7,249.32	7,245.32	7,245.32	213.16	251.21	89.79	276.46	-8,360.37	2,541.25	2,180.86	360.39	7.051		
14,600.00	7,249.53	7,245.53	7,245.53	215.98	251.22	89.80	276.46	-8,360.37	2,455.07	2,089.75	365.31	6.720		
14,700.00	7,249.74	7,245.74	7,245.74	218.80	251.23	89.81	276.46	-8,360.37	2,369.98	1,999.41	370.57	6.396		
14,800.00	7,249.96	7,245.96	7,245.96	221.62	251.23	89.82	276.46	-8,360.37	2,286.09	1,909.92	376.17	6.077		
14,900.00	7,250.17	7,246.17	7,246.17	224.44	251.24	89.83	276.46	-8,360.37	2,203.55	1,821.40	382.15	5.766		
15,000.00	7,250.38	7,246.38	7,246.38	227.26	251.25	89.84	276.46	-8,360.37	2,122.51	1,733.98	388.53	5.463		
15,100.00	7,250.59	7,246.59	7,246.59	230.08	251.26	89.85	276.46	-8,360.37	2,043.16	1,647.84	395.32	5.168		
15,200.00	7,250.81	7,246.81	7,246.81	232.90	251.26	89.86	276.46	-8,360.37	1,965.68	1,563.14	402.55	4.883		
15,300.00	7,251.02	7,247.02	7,247.02	235.72	251.27	89.86	276.46	-8,360.37	1,890.33	1,480.11	410.21	4.608		
15,400.00	7,251.23	7,247.23	7,247.23	238.55	251.28	89.87	276.46	-8,360.37	1,817.35	1,399.02	418.33	4.344		
15,500.00	7,251.45	7,247.45	7,247.45	241.37	251.28	89.88	276.46	-8,360.37	1,747.05	1,320.17	426.88	4.093		
15,600.00	7,251.66	7,247.66	7,247.66	244.20	251.29	89.89	276.46	-8,360.37	1,679.77	1,243.91	435.86	3.854		
15,700.00	7,251.87	7,247.87	7,247.87	247.03	251.30	89.90	276.46	-8,360.37	1,615.87	1,170.67	445.20	3.630		
15,800.00	7,252.09	7,248.09	7,248.09	249.85	251.31	89.91	276.46	-8,360.37	1,555.78	1,100.94	454.84	3.420		
15,900.00	7,252.30	7,248.30	7,248.30	252.68	251.31	89.92	276.46	-8,360.37	1,499.96	1,035.28	464.69	3.228		
16,000.00	7,252.51	7,248.51	7,248.51	255.51	251.32	89.93	276.46	-8,360.37	1,448.90	974.31	474.59	3.053		
16,100.00	7,252.72	7,248.72	7,248.72	258.34	251.33	89.94	276.46	-8,360.37	1,403.12	918.75	484.37	2.897		
16,200.00	7,252.94	7,248.94	7,248.94	261.17	251.34	89.95	276.46	-8,360.37	1,363.14	869.35	493.80	2.761		
16,300.00	7,253.15	7,249.15	7,249.15	264.00	251.34	89.96	276.46	-8,360.37	1,329.51	826.88	502.63	2.645		
16,400.00	7,253.36	7,249.36	7,249.36	266.83	251.35	89.97	276.46	-8,360.37	1,302.69	792.10	510.59	2.551		
16,500.00	7,253.58	7,249.58	7,249.58	269.66	251.36	89.98	276.46	-8,360.37	1,283.14	765.73	517.40	2.480		
16,600.00	7,253.79	7,249.79	7,249.79	272.50	251.37	89.99	276.46	-8,360.37	1,271.16	748.33	522.83	2.431		
16,700.00	7,254.00	7,250.00	7,250.00	275.33	251.37	90.00	276.46	-8,360.37	1,267.00	740.31	526.69	2.406		
16,702.88	7,254.01	7,250.01	7,250.01	275.41	251.37	90.00	276.46	-8,360.37	1,266.99	740.22	526.78	2.405 CC, ES		
16,800.00	7,254.22	7,250.22	7,250.22	278.16	251.38	90.01	276.46	-8,360.37	1,270.71	741.83	528.88	2.403 SF		
16,900.00	7,254.43	7,250.43	7,250.43	281.00	251.39	90.02	276.46	-8,360.37	1,282.24	752.86	529.38	2.422		
17,000.00	7,254.64	7,250.64	7,250.64	283.83	251.40	90.03	276.46	-8,360.37	1,301.37	773.10	528.27	2.463		
17,100.00	7,254.85	7,250.85	7,250.85	286.67	251.40	90.04	276.46	-8,360.37	1,327.77	802.06	525.71	2.526		
17,200.00	7,255.07	7,251.07	7,251.07	289.50	251.41	90.05	276.46	-8,360.37	1,361.03	839.11	521.92	2.608		
17,300.00	7,255.28	7,251.28	7,251.28	292.34	251.42	90.06	276.46	-8,360.37	1,400.65	883.54	517.11	2.709		
17,400.00	7,255.49	7,251.49	7,251.49	295.17	251.43	90.07	276.46	-8,360.37	1,446.12	934.57	511.55	2.827		
17,500.00	7,255.71	7,251.71	7,251.71	298.01	251.43	90.08	276.46	-8,360.37	1,496.89	991.45	505.44	2.962		
17,600.00	7,255.92	7,251.92	7,251.92	300.85	251.44	90.09	276.46	-8,360.37	1,552.45	1,053.46	498.99	3.111		
17,700.00	7,256.13	7,252.13	7,252.13	303.68	251.45	90.10	276.46	-8,360.37	1,612.30	1,119.93	492.37	3.275		
17,800.00	7,256.35	7,252.35	7,252.35	306.52	251.46	90.11	276.46	-8,360.37	1,675.99	1,190.29	485.70	3.451		
17,900.00	7,256.56	7,252.56	7,252.56	309.36	251.46	90.12	276.46	-8,360.37	1,743.09	1,263.99	479.10	3.638		
18,000.00	7,256.77	7,252.77	7,252.77	312.20	251.47	90.12	276.46	-8,360.37	1,813.23	1,340.59	472.63	3.836		
18,100.00	7,256.98	7,252.98	7,252.98	315.04	251.48	90.13	276.46	-8,360.37	1,886.06	1,419.70	466.36	4.044		
18,200.00	7,257.20	7,253.20	7,253.20	317.88	251.49	90.14	276.46	-8,360.37	1,961.28	1,500.97	460.31	4.261		
18,300.00	7,257.41	7,253.41	7,253.41	320.72	251.49	90.15	276.46	-8,360.37	2,038.64	1,584.12	454.52	4.485		
18,400.00	7,257.62	7,253.62	7,253.62	323.56	251.50	90.16	276.46	-8,360.37	2,117.89	1,668.91	448.99	4.717		
18,500.00	7,257.84	7,253.84	7,253.84	326.40	251.51	90.17	276.46	-8,360.37	2,198.84	1,755.12	443.72	4.955		
18,600.00	7,258.05	7,254.05	7,254.05	329.24	251.52	90.18	276.46	-8,360.37	2,281.30	1,842.58	438.72	5.200		
18,700.00	7,258.26	7,254.26	7,254.26	332.08	251.52	90.19	276.46	-8,360.37	2,365.11	1,931.14	433.97	5.450		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - SOUTH WOODS #10-3(PA) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>			<b>Distance</b>						<b>Warning</b>	
<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Reference (ft)</b>	<b>Offset (ft)</b>	<b>Highside Toolface (°)</b>	<b>Offset Wellbore Centre +N/-S (ft)</b>	<b>Offset Wellbore Centre +E/-W (ft)</b>	<b>Between Centres (ft)</b>	<b>Between Ellipses (ft)</b>	<b>Minimum Separation (ft)</b>	<b>Separation Factor</b>		
18,800.00	7,258.48	7,254.48	7,254.48	334.92	251.53	90.20	276.46	-8,360.37	2,450.14	2,020.66	429.48	5.705		
18,900.00	7,258.69	7,254.69	7,254.69	337.76	251.54	90.21	276.46	-8,360.37	2,536.25	2,111.03	425.22	5.965		
19,000.00	7,258.90	7,254.90	7,254.90	340.60	251.54	90.22	276.46	-8,360.37	2,623.36	2,202.16	421.20	6.228		
19,046.19	7,259.00	7,255.00	7,255.00	341.92	251.55	90.23	276.46	-8,360.37	2,663.90	2,244.49	419.41	6.352		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Falken 9-11 PAD - SOUTHARD #2(PR) - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-GYRO-NS														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	32.03	1,531.92	958.27	1,807.17					
100.00	100.00	66.77	66.77	3.28	3.28	32.02	1,532.10	958.17	1,807.05	1,800.48	6.57	275.133 CC		
200.00	200.00	171.56	171.56	3.34	3.32	32.00	1,532.74	957.67	1,807.33	1,800.67	6.66	271.427		
300.00	300.00	274.12	274.11	3.44	3.42	31.98	1,532.98	957.09	1,807.22	1,800.36	6.86	263.328		
335.76	335.76	309.69	309.68	3.49	3.46	-93.03	1,532.98	957.02	1,807.19	1,800.23	6.96	259.727		
400.00	399.98	370.42	370.42	3.60	3.56	-93.08	1,533.05	956.91	1,807.28	1,800.12	7.15	252.671 ES		
500.00	499.84	468.85	468.84	3.79	3.74	-93.24	1,533.32	956.75	1,807.72	1,800.19	7.53	240.152		
600.00	599.45	571.90	571.90	4.03	3.97	-93.52	1,533.48	956.69	1,808.34	1,800.34	7.99	226.275		
700.00	698.70	670.96	670.95	4.30	4.22	-93.89	1,533.42	956.69	1,809.07	1,800.55	8.52	212.405		
800.00	797.47	765.20	765.19	4.61	4.49	-94.33	1,533.55	956.63	1,810.30	1,801.21	9.09	199.155		
900.00	895.62	862.91	862.90	4.95	4.78	-94.88	1,533.83	956.73	1,812.17	1,802.44	9.73	186.293		
1,000.00	993.06	965.16	965.16	5.33	5.11	-95.56	1,533.87	956.97	1,814.42	1,803.99	10.43	173.938		
1,100.00	1,090.08	1,067.31	1,067.30	5.74	5.45	-96.33	1,533.67	957.01	1,816.84	1,805.66	11.18	162.517		
1,200.00	1,187.11	1,163.90	1,163.90	6.17	5.78	-97.05	1,533.32	957.01	1,819.42	1,807.47	11.94	152.368		
1,300.00	1,284.14	1,262.33	1,262.32	6.61	6.13	-97.79	1,533.02	957.04	1,822.37	1,809.63	12.74	143.098		
1,400.00	1,381.17	1,358.98	1,358.97	7.07	6.49	-98.51	1,532.56	957.15	1,825.52	1,811.98	13.54	134.782		
1,500.00	1,478.20	1,452.85	1,452.84	7.55	6.83	-99.21	1,532.23	957.33	1,829.12	1,814.76	14.36	127.377		
1,600.00	1,575.23	1,549.59	1,549.57	8.03	7.20	-99.92	1,532.06	957.47	1,833.16	1,817.96	15.20	120.599		
1,700.00	1,672.26	1,647.05	1,647.04	8.52	7.57	-100.65	1,531.88	957.46	1,837.43	1,821.38	16.06	114.442		
1,800.00	1,769.29	1,745.58	1,745.57	9.01	7.95	-101.37	1,531.69	957.56	1,842.04	1,825.11	16.92	108.837		
1,900.00	1,866.32	1,842.91	1,842.90	9.51	8.36	-102.11	1,531.19	957.74	1,846.71	1,828.90	17.82	103.645		
2,000.00	1,963.35	1,947.77	1,947.75	10.02	8.75	-102.84	1,530.51	957.74	1,851.45	1,832.75	18.71	98.967		
2,100.00	2,060.38	2,045.68	2,045.66	10.53	9.14	-103.54	1,529.81	957.69	1,856.42	1,836.83	19.60	94.735		
2,200.00	2,157.41	2,144.20	2,144.18	11.04	9.53	-104.26	1,529.10	957.48	1,861.64	1,841.14	20.49	90.849		
2,300.00	2,254.44	2,243.93	2,243.91	11.56	9.94	-104.99	1,528.42	956.87	1,867.04	1,845.64	21.40	87.261		
2,400.00	2,351.47	2,341.99	2,341.96	12.07	10.33	-105.70	1,527.67	956.03	1,872.60	1,850.30	22.30	83.985		
2,500.00	2,448.50	2,435.55	2,435.51	12.59	10.72	-106.39	1,527.05	955.20	1,878.53	1,855.35	23.18	81.037		
2,600.00	2,545.53	2,526.63	2,526.59	13.12	11.09	-107.05	1,526.69	954.39	1,885.03	1,860.97	24.06	78.359		
2,700.00	2,642.56	2,617.84	2,617.79	13.64	11.46	-107.71	1,526.65	953.57	1,892.13	1,867.20	24.93	75.890		
2,800.00	2,739.59	2,711.36	2,711.31	14.17	11.84	-108.39	1,526.80	952.85	1,899.77	1,873.95	25.82	73.578		
2,900.00	2,836.62	2,810.05	2,810.00	14.69	12.25	-109.09	1,526.97	952.13	1,907.73	1,880.99	26.73	71.368		
3,000.00	2,933.65	2,908.70	2,908.65	15.22	12.66	-109.79	1,527.06	951.45	1,915.90	1,888.26	27.64	69.310		
3,100.00	3,030.68	3,015.46	3,015.40	15.75	13.10	-110.53	1,526.74	950.78	1,924.00	1,895.41	28.59	67.291		
3,200.00	3,127.71	3,111.90	3,111.84	16.28	13.50	-111.20	1,526.24	950.15	1,932.17	1,902.68	29.50	65.505		
3,300.00	3,224.74	3,203.47	3,203.40	16.82	13.88	-111.82	1,525.94	949.47	1,940.78	1,910.40	30.38	63.887		
3,400.00	3,321.76	3,282.12	3,282.06	17.35	14.21	-112.36	1,526.18	948.87	1,950.26	1,919.06	31.20	62.515		
3,500.00	3,418.79	3,369.21	3,369.13	17.88	14.57	-112.96	1,527.10	948.33	1,960.74	1,928.69	32.05	61.173		
3,600.00	3,515.82	3,461.23	3,461.15	18.42	14.95	-113.57	1,528.33	948.03	1,971.82	1,938.89	32.93	59.878		
3,700.00	3,612.85	3,551.39	3,551.30	18.95	15.33	-114.17	1,529.74	947.76	1,983.37	1,949.58	33.80	58.682		
3,800.00	3,709.88	3,642.52	3,642.41	19.49	15.71	-114.76	1,531.48	947.79	1,995.56	1,960.89	34.67	57.557		
3,900.00	3,806.91	3,738.53	3,738.40	20.02	16.11	-115.38	1,533.45	947.71	2,008.11	1,972.54	35.57	56.459		
4,000.00	3,903.94	3,842.32	3,842.17	20.56	16.54	-116.04	1,535.49	947.60	2,020.83	1,984.33	36.50	55.358		
4,100.00	4,000.97	3,951.03	3,950.87	21.09	17.00	-116.73	1,537.01	947.04	2,033.18	1,995.72	37.47	54.266		
4,200.00	4,098.00	4,053.35	4,053.18	21.63	17.43	-117.38	1,538.09	946.23	2,045.41	2,007.02	38.40	53.272		
4,300.00	4,195.03	4,152.66	4,152.48	22.17	17.85	-118.00	1,538.91	945.47	2,057.67	2,018.36	39.31	52.346		
4,400.00	4,292.06	4,251.88	4,251.70	22.71	18.26	-118.61	1,539.64	944.91	2,070.10	2,029.88	40.22	51.468		
4,500.00	4,389.09	4,351.16	4,350.98	23.25	18.68	-119.21	1,540.22	944.25	2,082.60	2,041.46	41.13	50.631		
4,600.00	4,486.12	4,449.28	4,449.09	23.78	19.10	-119.80	1,540.73	943.69	2,095.26	2,053.22	42.04	49.841		
4,700.00	4,583.15	4,544.89	4,544.70	24.32	19.50	-120.36	1,541.16	943.33	2,108.09	2,065.16	42.93	49.105		
4,800.00	4,680.18	4,641.90	4,641.70	24.86	19.91	-120.93	1,541.73	942.91	2,121.26	2,077.43	43.83	48.399		
4,900.00	4,777.21	4,747.87	4,747.68	25.40	20.36	-121.53	1,542.08	942.54	2,134.40	2,089.62	44.77	47.670		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - SOUTHARD #2(PR) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,874.24	4,853.44	4,853.24	25.94	20.80	-122.13	1,541.93	942.01	2,147.27	2,101.55	45.72	46.969		
5,100.00	4,971.27	4,957.22	4,957.02	26.48	21.24	-122.71	1,541.46	941.52	2,160.04	2,113.39	46.65	46.304		
5,200.00	5,068.30	5,063.96	5,063.76	27.02	21.69	-123.30	1,540.57	941.09	2,172.65	2,125.05	47.60	45.647		
5,300.00	5,165.33	5,157.78	5,157.57	27.56	22.09	-123.81	1,539.52	940.78	2,185.18	2,136.70	48.48	45.077		
5,400.00	5,262.36	5,261.04	5,260.83	28.10	22.52	-124.35	1,538.60	940.98	2,198.12	2,148.71	49.41	44.491		
5,500.00	5,359.39	5,359.10	5,358.88	28.64	22.94	-124.86	1,537.25	940.95	2,210.75	2,160.44	50.31	43.946		
5,600.00	5,456.42	5,454.88	5,454.65	29.18	23.34	-125.36	1,536.17	940.87	2,223.80	2,172.61	51.19	43.438		
5,700.00	5,553.45	5,551.86	5,551.62	29.72	23.75	-125.86	1,534.97	940.46	2,236.93	2,184.84	52.09	42.945		
5,800.00	5,650.47	5,648.10	5,647.85	30.27	24.16	-126.36	1,533.89	940.03	2,250.35	2,197.37	52.98	42.478		
5,900.00	5,747.50	5,744.92	5,744.67	30.81	24.57	-126.85	1,532.75	939.62	2,263.89	2,210.02	53.87	42.027		
6,000.00	5,844.53	5,839.69	5,839.43	31.35	24.97	-127.33	1,531.75	939.33	2,277.71	2,222.96	54.75	41.604		
6,100.00	5,941.56	5,935.08	5,934.82	31.89	25.38	-127.80	1,530.78	938.92	2,291.74	2,236.11	55.63	41.197		
6,200.00	6,038.59	6,025.90	6,025.63	32.43	25.76	-128.25	1,530.00	938.40	2,306.10	2,249.61	56.48	40.827		
6,300.00	6,135.62	6,114.55	6,114.28	32.97	26.14	-128.69	1,529.57	937.69	2,320.99	2,263.67	57.33	40.488		
6,400.00	6,232.65	6,214.50	6,214.22	33.51	26.57	-129.18	1,529.14	936.93	2,336.10	2,277.87	58.23	40.118		
6,500.00	6,329.68	6,307.58	6,307.30	34.06	26.96	-129.63	1,528.77	936.24	2,351.40	2,292.31	59.09	39.790		
6,600.00	6,426.71	6,397.98	6,397.70	34.60	27.35	-130.06	1,528.61	935.60	2,367.08	2,307.14	59.94	39.489		
6,655.36	6,480.43	6,452.55	6,452.27	34.90	27.58	-130.31	1,528.59	935.25	2,375.89	2,315.45	60.44	39.311		
6,700.00	6,524.01	6,497.00	6,496.72	35.13	27.77	-143.31	1,528.56	935.00	2,382.88	2,322.05	60.83	39.171		
6,750.00	6,573.29	6,544.21	6,543.92	35.36	27.97	-166.60	1,528.54	934.77	2,390.41	2,329.18	61.24	39.034		
6,800.00	6,622.76	6,591.41	6,591.12	35.56	28.17	162.41	1,528.57	934.60	2,397.61	2,335.98	61.63	38.903		
6,850.00	6,672.13	6,640.85	6,640.57	35.73	28.38	136.49	1,528.63	934.43	2,404.39	2,342.37	62.03	38.765		
6,900.00	6,721.08	6,690.44	6,690.15	35.88	28.59	120.64	1,528.67	934.20	2,410.71	2,348.29	62.42	38.619		
6,950.00	6,769.31	6,737.28	6,737.00	36.03	28.79	111.28	1,528.71	933.95	2,416.58	2,353.76	62.81	38.472		
7,000.00	6,816.53	6,782.67	6,782.39	36.18	28.98	105.43	1,528.79	933.71	2,422.04	2,358.83	63.21	38.317		
7,050.00	6,862.44	6,829.25	6,828.96	36.34	29.18	101.60	1,528.89	933.49	2,427.12	2,363.49	63.63	38.144		
7,100.00	6,906.77	6,875.65	6,875.37	36.50	29.38	99.00	1,528.96	933.38	2,431.81	2,367.74	64.07	37.955		
7,150.00	6,949.23	6,918.36	6,918.07	36.68	29.56	97.17	1,529.01	933.38	2,436.19	2,371.68	64.52	37.761		
7,200.00	6,989.58	6,957.05	6,956.76	36.87	29.72	95.84	1,529.07	933.35	2,440.39	2,375.43	64.96	37.565		
7,250.00	7,027.55	6,993.53	6,993.24	37.09	29.88	94.87	1,529.15	933.28	2,444.50	2,379.06	65.43	37.358		
7,300.00	7,062.91	7,029.12	7,028.83	37.32	30.03	94.18	1,529.24	933.20	2,448.58	2,382.65	65.93	37.136		
7,350.00	7,095.45	7,062.14	7,061.85	37.59	30.17	93.67	1,529.32	933.16	2,452.73	2,386.26	66.46	36.904		
7,400.00	7,124.97	7,092.01	7,091.72	37.88	30.29	93.26	1,529.39	933.16	2,457.02	2,390.00	67.01	36.664		
7,450.00	7,151.28	7,120.94	7,120.65	38.21	30.42	92.96	1,529.44	933.19	2,461.54	2,393.93	67.61	36.410		
7,500.00	7,174.22	7,146.90	7,146.61	38.58	30.53	92.70	1,529.44	933.27	2,466.34	2,398.12	68.23	36.149		
7,550.00	7,193.65	7,166.52	7,166.23	38.98	30.61	92.36	1,529.44	933.35	2,471.52	2,402.67	68.85	35.895		
7,600.00	7,209.45	7,182.13	7,181.84	39.43	30.68	91.97	1,529.43	933.41	2,477.14	2,407.64	69.50	35.642		
7,650.00	7,221.52	7,194.01	7,193.73	39.91	30.73	91.53	1,529.42	933.46	2,483.23	2,413.07	70.16	35.393		
7,700.00	7,229.79	7,202.09	7,201.80	40.42	30.76	91.01	1,529.42	933.49	2,489.81	2,418.98	70.83	35.152		
7,750.00	7,234.21	7,206.31	7,206.02	40.97	30.78	90.41	1,529.42	933.51	2,496.86	2,425.37	71.50	34.923		
7,780.56	7,235.00	7,206.98	7,206.69	41.32	30.78	90.01	1,529.42	933.51	2,501.40	2,429.50	71.90	34.790		
7,800.00	7,235.04	7,206.94	7,206.65	41.54	30.78	90.01	1,529.42	933.51	2,504.41	2,432.25	72.16	34.707		
7,900.00	7,235.26	7,206.76	7,206.47	42.82	30.78	90.01	1,529.42	933.51	2,522.20	2,448.66	73.54	34.296		
8,000.00	7,235.47	7,206.57	7,206.28	44.25	30.78	90.00	1,529.42	933.51	2,543.81	2,468.81	75.00	33.917		
8,100.00	7,235.68	7,206.38	7,206.09	45.82	30.78	90.00	1,529.42	933.51	2,569.13	2,492.62	76.51	33.580		
8,200.00	7,235.90	7,206.20	7,205.91	47.52	30.78	89.99	1,529.42	933.51	2,598.05	2,520.01	78.04	33.291		
8,300.00	7,236.11	7,206.01	7,205.72	49.34	30.78	89.99	1,529.42	933.51	2,630.46	2,550.88	79.58	33.055		
8,400.00	7,236.32	7,205.82	7,205.53	51.25	30.78	89.98	1,529.42	933.51	2,666.23	2,585.12	81.11	32.873		
8,500.00	7,236.54	7,205.64	7,205.35	53.26	30.78	89.98	1,529.42	933.51	2,705.22	2,622.61	82.61	32.747		
8,600.00	7,236.75	7,205.45	7,205.16	55.34	30.77	89.98	1,529.42	933.51	2,747.31	2,663.23	84.08	32.676		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - SOUTHARD #2(PR) - OH - OH		Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor				
8,700.00	7,236.96	7,205.26	7,204.98	57.50	30.77	89.97	1,529.42	933.50	2,792.34	2,706.84	85.50	32.658	SF			
8,800.00	7,237.17	7,205.08	7,204.79	59.71	30.77	89.97	1,529.42	933.50	2,840.18	2,753.30	86.88	32.692				
8,900.00	7,237.39	7,204.89	7,204.60	61.98	30.77	89.96	1,529.42	933.50	2,890.68	2,802.49	88.20	32.776				
9,000.00	7,237.60	7,204.71	7,204.42	64.29	30.77	89.96	1,529.42	933.50	2,943.72	2,854.27	89.46	32.907				
9,100.00	7,237.81	7,204.52	7,204.23	66.65	30.77	89.95	1,529.42	933.50	2,999.16	2,908.50	90.66	33.082				
9,200.00	7,238.03	7,204.33	7,204.04	69.05	30.77	89.95	1,529.42	933.50	3,056.86	2,965.06	91.80	33.298				
9,300.00	7,238.24	7,204.15	7,203.86	71.48	30.77	89.95	1,529.42	933.50	3,116.71	3,023.82	92.89	33.554				
9,400.00	7,238.45	7,203.96	7,203.67	73.95	30.77	89.94	1,529.42	933.50	3,178.57	3,084.66	93.91	33.847				
9,500.00	7,238.67	7,203.77	7,203.48	76.44	30.77	89.94	1,529.42	933.50	3,242.34	3,147.46	94.88	34.173				
9,600.00	7,238.88	7,203.59	7,203.30	78.96	30.77	89.93	1,529.42	933.50	3,307.90	3,212.11	95.79	34.532				
9,700.00	7,239.09	7,203.40	7,203.11	81.50	30.77	89.93	1,529.42	933.50	3,375.16	3,278.50	96.65	34.920				
9,800.00	7,239.30	7,203.21	7,202.93	84.06	30.77	89.92	1,529.42	933.50	3,444.00	3,346.53	97.46	35.336				
9,900.00	7,239.52	7,203.03	7,202.74	86.64	30.76	89.92	1,529.42	933.50	3,514.34	3,416.11	98.23	35.778				
10,000.00	7,239.73	7,202.84	7,202.55	89.23	30.76	89.92	1,529.42	933.50	3,586.09	3,487.14	98.94	36.243				
10,100.00	7,239.94	7,202.66	7,202.37	91.85	30.76	89.91	1,529.42	933.49	3,659.17	3,559.55	99.62	36.731				
10,200.00	7,240.16	7,202.47	7,202.18	94.47	30.76	89.91	1,529.42	933.49	3,733.49	3,633.24	100.25	37.240				
10,300.00	7,240.37	7,202.28	7,201.99	97.11	30.76	89.90	1,529.42	933.49	3,808.99	3,708.14	100.85	37.769				
10,400.00	7,240.58	7,202.10	7,201.81	99.76	30.76	89.90	1,529.42	933.49	3,885.59	3,784.18	101.41	38.315				
10,500.00	7,240.80	7,201.91	7,201.62	102.43	30.76	89.89	1,529.42	933.49	3,963.24	3,861.30	101.94	38.879				
10,600.00	7,241.01	7,201.72	7,201.43	105.10	30.76	89.89	1,529.42	933.49	4,041.87	3,939.44	102.44	39.458				
10,700.00	7,241.22	7,201.54	7,201.25	107.79	30.76	89.89	1,529.42	933.49	4,121.43	4,018.53	102.90	40.052				
10,800.00	7,241.43	7,201.35	7,201.06	110.48	30.76	89.88	1,529.42	933.49	4,201.86	4,098.52	103.34	40.660				
10,900.00	7,241.65	7,201.16	7,200.88	113.18	30.76	89.88	1,529.42	933.49	4,283.12	4,179.36	103.76	41.280				
11,000.00	7,241.86	7,200.98	7,200.69	115.89	30.76	89.87	1,529.42	933.49	4,365.15	4,261.01	104.15	41.913				
11,100.00	7,242.07	7,200.79	7,200.50	118.60	30.76	89.87	1,529.42	933.49	4,447.92	4,343.41	104.52	42.557				
11,200.00	7,242.29	7,200.61	7,200.32	121.32	30.75	89.86	1,529.42	933.49	4,531.39	4,426.52	104.86	43.212				
11,300.00	7,242.50	7,200.42	7,200.13	124.05	30.75	89.86	1,529.42	933.49	4,615.51	4,510.32	105.19	43.877				
11,400.00	7,242.71	7,200.23	7,199.94	126.78	30.75	89.86	1,529.42	933.48	4,700.25	4,594.75	105.50	44.551				
11,500.00	7,242.93	7,200.05	7,199.76	129.52	30.75	89.85	1,529.42	933.48	4,785.58	4,679.79	105.80	45.233				
11,600.00	7,243.14	7,199.86	7,199.57	132.27	30.75	89.85	1,529.42	933.48	4,871.48	4,765.40	106.08	45.924				
11,700.00	7,243.35	7,199.67	7,199.38	135.02	30.75	89.84	1,529.42	933.48	4,957.89	4,851.56	106.34	46.623				
11,800.00	7,243.57	7,199.49	7,199.20	137.77	30.75	89.84	1,529.42	933.48	5,044.82	4,938.23	106.59	47.329				
11,900.00	7,243.78	7,199.30	7,199.01	140.53	30.75	89.83	1,529.42	933.48	5,132.21	5,025.39	106.83	48.042				
12,000.00	7,243.99	7,199.11	7,198.83	143.29	30.75	89.83	1,529.42	933.48	5,220.06	5,113.01	107.05	48.762				
12,100.00	7,244.20	7,198.93	7,198.64	146.05	30.75	89.82	1,529.42	933.48	5,308.35	5,201.08	107.27	49.487				
12,200.00	7,244.42	7,198.74	7,198.45	148.82	30.75	89.82	1,529.42	933.48	5,397.03	5,289.56	107.47	50.218				
12,300.00	7,244.63	7,198.56	7,198.27	151.60	30.75	89.82	1,529.42	933.48	5,486.11	5,378.45	107.67	50.955				
12,400.00	7,244.84	7,198.37	7,198.08	154.37	30.74	89.81	1,529.42	933.48	5,575.56	5,467.71	107.85	51.697				
12,500.00	7,245.06	7,198.18	7,197.89	157.15	30.74	89.81	1,529.42	933.48	5,665.36	5,557.33	108.03	52.443				
12,600.00	7,245.27	7,198.00	7,197.71	159.93	30.74	89.80	1,529.42	933.48	5,755.50	5,647.30	108.20	53.194				
12,700.00	7,245.48	7,197.81	7,197.52	162.71	30.74	89.80	1,529.42	933.47	5,845.96	5,737.60	108.36	53.950				
12,800.00	7,245.70	7,197.62	7,197.33	165.50	30.74	89.79	1,529.42	933.47	5,936.72	5,828.21	108.51	54.709				
12,900.00	7,245.91	7,197.44	7,197.15	168.29	30.74	89.79	1,529.42	933.47	6,027.78	5,919.12	108.66	55.472				
13,000.00	7,246.12	7,197.25	7,196.96	171.08	30.74	89.79	1,529.42	933.47	6,119.12	6,010.31	108.81	56.239				
13,100.00	7,246.33	7,197.06	7,196.78	173.87	30.74	89.78	1,529.42	933.47	6,210.72	6,101.78	108.94	57.009				
13,200.00	7,246.55	7,196.88	7,196.59	176.67	30.74	89.78	1,529.42	933.47	6,302.58	6,193.50	109.07	57.783				
13,300.00	7,246.76	7,196.69	7,196.40	179.47	30.74	89.77	1,529.42	933.47	6,394.68	6,285.48	109.20	58.559				
13,400.00	7,246.97	7,196.51	7,196.22	182.27	30.74	89.77	1,529.42	933.47	6,487.02	6,377.69	109.32	59.338				
13,500.00	7,247.19	7,196.32	7,196.03	185.07	30.74	89.76	1,529.42	933.47	6,579.58	6,470.14	109.44	60.120				
13,600.00	7,247.40	7,196.13	7,195.84	187.87	30.74	89.76	1,529.42	933.47	6,672.35	6,562.80	109.55	60.905				
13,700.00	7,247.61	7,195.95	7,195.66	190.68	30.73	89.76	1,529.42	933.47	6,765.33	6,655.67	109.66	61.692				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

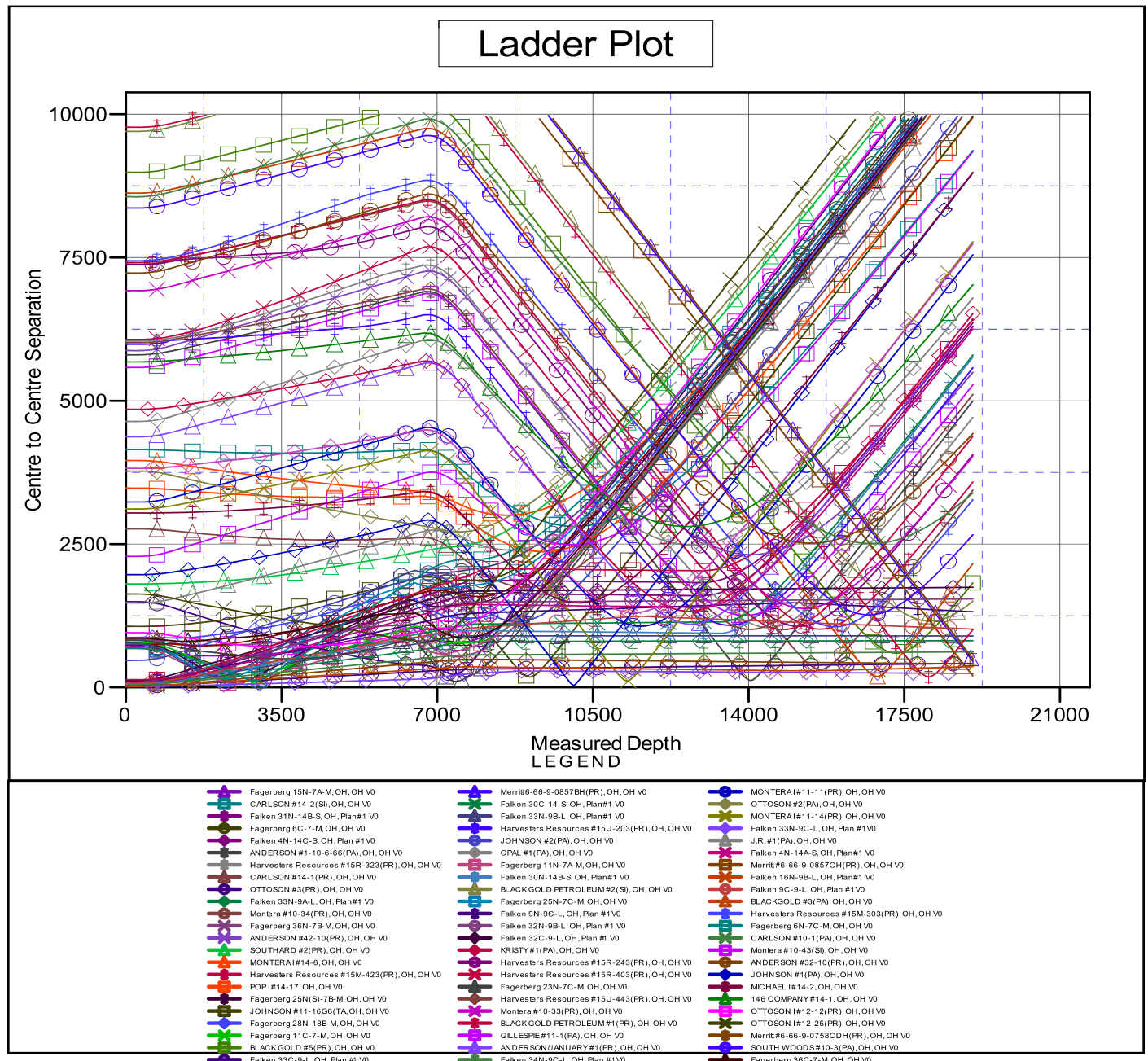
<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - SOUTHARD #2(PR) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.83	7,195.76	7,195.47	193.48	30.73	89.75	1,529.42	933.47	6,858.51	6,748.74	109.77	62.481		
13,900.00	7,248.04	7,195.57	7,195.28	196.29	30.73	89.75	1,529.42	933.47	6,951.88	6,842.01	109.87	63.273		
14,000.00	7,248.25	7,195.39	7,195.10	199.10	30.73	89.74	1,529.42	933.47	7,045.43	6,935.46	109.97	64.066		
14,100.00	7,248.46	7,195.20	7,194.91	201.91	30.73	89.74	1,529.42	933.46	7,139.16	7,029.09	110.07	64.861		
14,200.00	7,248.68	7,195.01	7,194.73	204.72	30.73	89.73	1,529.42	933.46	7,233.05	7,122.89	110.16	65.658		
14,300.00	7,248.89	7,194.83	7,194.54	207.53	30.73	89.73	1,529.42	933.46	7,327.10	7,216.85	110.25	66.457		
14,400.00	7,249.10	7,194.64	7,194.35	210.35	30.73	89.73	1,529.42	933.46	7,421.31	7,310.97	110.34	67.258		
14,500.00	7,249.32	7,194.45	7,194.17	213.16	30.73	89.72	1,529.42	933.46	7,515.67	7,405.24	110.43	68.059		
14,600.00	7,249.53	7,194.27	7,193.98	215.98	30.73	89.72	1,529.42	933.46	7,610.18	7,499.66	110.51	68.863		
14,700.00	7,249.74	7,194.08	7,193.79	218.80	30.73	89.71	1,529.42	933.46	7,704.82	7,594.22	110.59	69.667		
14,800.00	7,249.96	7,193.90	7,193.61	221.62	30.73	89.71	1,529.42	933.46	7,799.60	7,688.92	110.68	70.473		
14,900.00	7,250.17	7,193.71	7,193.42	224.44	30.73	89.70	1,529.42	933.46	7,894.50	7,783.75	110.75	71.280		
15,000.00	7,250.38	7,193.52	7,193.23	227.26	30.72	89.70	1,529.42	933.46	7,989.53	7,878.70	110.83	72.088		
15,100.00	7,250.59	7,193.34	7,193.05	230.08	30.72	89.70	1,529.42	933.46	8,084.68	7,973.77	110.91	72.896		
15,200.00	7,250.81	7,193.15	7,192.86	232.90	30.72	89.69	1,529.42	933.46	8,179.94	8,068.96	110.98	73.706		
15,300.00	7,251.02	7,192.96	7,192.68	235.72	30.72	89.69	1,529.42	933.46	8,275.32	8,164.27	111.05	74.517		
15,400.00	7,251.23	7,192.78	7,192.49	238.55	30.72	89.68	1,529.42	933.45	8,370.81	8,259.68	111.12	75.328		
15,500.00	7,251.45	7,192.59	7,192.30	241.37	30.72	89.68	1,529.42	933.45	8,466.39	8,355.20	111.19	76.140		
15,600.00	7,251.66	7,192.40	7,192.12	244.20	30.72	89.67	1,529.42	933.45	8,562.08	8,450.82	111.26	76.953		
15,700.00	7,251.87	7,192.22	7,191.93	247.03	30.72	89.67	1,529.42	933.45	8,657.87	8,546.54	111.33	77.767		
15,800.00	7,252.09	7,192.03	7,191.74	249.85	30.72	89.67	1,529.42	933.45	8,753.75	8,642.35	111.40	78.580		
15,900.00	7,252.30	7,191.85	7,191.56	252.68	30.72	89.66	1,529.42	933.45	8,849.72	8,738.26	111.46	79.395		
16,000.00	7,252.51	7,191.66	7,191.37	255.51	30.72	89.66	1,529.42	933.45	8,945.79	8,834.26	111.53	80.210		
16,100.00	7,252.72	7,191.47	7,191.18	258.34	30.72	89.65	1,529.42	933.45	9,041.93	8,930.34	111.59	81.025		
16,200.00	7,252.94	7,191.29	7,191.00	261.17	30.71	89.65	1,529.42	933.45	9,138.16	9,026.50	111.66	81.840		
16,300.00	7,253.15	7,191.10	7,190.81	264.00	30.71	89.64	1,529.42	933.45	9,234.47	9,122.75	111.72	82.656		
16,400.00	7,253.36	7,190.91	7,190.63	266.83	30.71	89.64	1,529.42	933.45	9,330.86	9,219.07	111.78	83.472		
16,500.00	7,253.58	7,190.73	7,190.44	269.66	30.71	89.63	1,529.42	933.45	9,427.32	9,315.47	111.85	84.288		
16,600.00	7,253.79	7,190.54	7,190.25	272.50	30.71	89.63	1,529.42	933.45	9,523.85	9,411.94	111.91	85.105		
16,700.00	7,254.00	7,190.35	7,190.07	275.33	30.71	89.63	1,529.42	933.45	9,620.46	9,508.49	111.97	85.921		
16,800.00	7,254.22	7,190.17	7,189.88	278.16	30.71	89.62	1,529.42	933.44	9,717.13	9,605.10	112.03	86.738		
16,900.00	7,254.43	7,189.98	7,189.69	281.00	30.71	89.62	1,529.42	933.44	9,813.87	9,701.78	112.09	87.554		
17,000.00	7,254.64	7,189.80	7,189.51	283.83	30.71	89.61	1,529.42	933.44	9,910.68	9,798.53	112.15	88.371		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to GL 4810 & KB 20 @ 4830.00ft (Origin)  
Offset Depths are relative to Offset Datum  
Central Meridian is -105.5000000

Coordinates are relative to: Falken 16C-9-L  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.49°

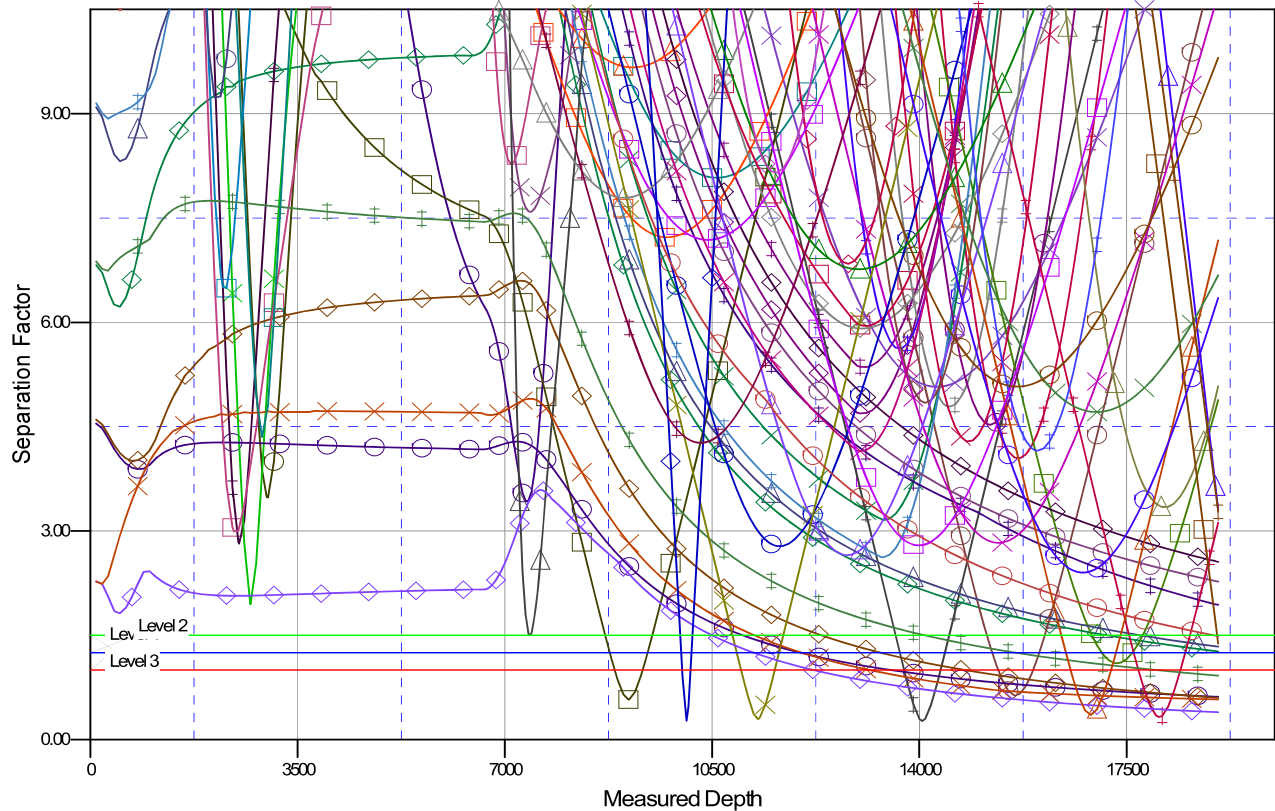


<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 16C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 16C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to GL 4810 & KB 20 @ 4830.00ft (Origin)  
Offset Depths are relative to Offset Datum  
Central Meridian is -105.5000000

Coordinates are relative to: Falken 16C-9-L  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.49°

## Separation Factor Plot



### LEGEND

Fagerberg 15N-7A-M, OH, OH V0	Merritt6-66-9-0857BH(PR), OH, OH V0	MONTERA1#11-11(PR), OH, OH V0
CARLSON #14-2(SI), OH, OH V0	Falken 30C-14-S, OH, Plan#1 V0	OTTOSON #2(PA), OH, OH V0
Falken 31N-14B-S, OH, Plan#1 V0	Falken 33N-9B-L, OH, Plan#1 V0	MONTERA1#11-14(PR), OH, OH V0
Fagerberg 6C-7-M, OH, OH V0	Harvesters Resources #15U-203(PR), OH, OH V0	Falken 33N-9C-L, OH, Plan #1V0
Falken 4N-14C-S, OH, Plan #1V0	JOHNSON #2(PA), OH, OH V0	J.R. #1(PA), OH, OH V0
ANDERSON #1-10-6-66(PA), OH, OH V0	OPAL #1(PA), OH, OH V0	Falken 4N-14A-S, OH, Plan#1 V0
Harvesters Resources #15R-323(PR), OH, OH V0	Fagerberg 11N-7A-M, OH, OH V0	Merritt6-66-9-0857CH(PR), OH, OH V0
CARLSON #14-1(PR), OH, OH V0	Falken 30N-14B-S, OH, Plan#1 V0	Falken 16N-9B-L, OH, Plan#1 V0
OTTOSON #3(PR), OH, OH V0	BLACK GOLD PETROLEUM #2(SI), OH, OH V0	Falken 9C-9-L, OH, Plan #1V0
Falken 33N-9A-L, OH, Plan#1 V0	Fagerberg 25N-7C-M, OH, OH V0	BLACKGOLD #3(PA), OH, OH V0
Montera #10-34(PR), OH, OH V0	Falken 9N-9C-L, OH, Plan #1V0	Harvesters Resources #15M-303(PR), OH, OH V0
Fagerberg 36N-7B-M, OH, OH V0	Falken 32N-9B-L, OH, Plan #1V0	Fagerberg 6N-7C-M, OH, OH V0
ANDERSON #42-10(PR), OH, OH V0	Falken 32C-9-L, OH, Plan #1 V0	CARLSON #10-1(PA), OH, OH V0
SOUTHARD #2(PR), OH, OH V0	KRISTY #1(PA), OH, OH V0	Montera #10-43(SI), OH, OH V0
MONTERA1#14-8, OH, OH V0	Harvesters Resources #15R-243(PR), OH, OH V0	ANDERSON #32-10(PR), OH, OH V0
Harvesters Resources #15M-423(PR), OH, OH V0	Harvesters Resources #15R-403(PR), OH, OH V0	JOHNSON #1(PA), OH, OH V0
POP1#14-17, OH, OH V0	Fagerberg 23N-7C-M, OH, OH V0	MICHAEL I#14-2, OH, OH V0
Fagerberg 25N(S)-7B-M, OH, OH V0	Harvesters Resources #15U-443(PR), OH, OH V0	146 COMPANY #14-1, OH, OH V0
JOHNSON #11-16GITA, OH, OH V0	Montera #10-33(PR), OH, OH V0	OTTOSON I#12-12(PR), OH, OH V0
Fagerberg 28N-18B-M, OH, OH V0	BLACK GOLD PETROLEUM #1(PR), OH, OH V0	OTTOSON I#12-25(PR), OH, OH V0
Fagerberg 11C-7-M, OH, OH V0	GILLESPIE #11-1(PA), OH, OH V0	Merritt6-66-9-0758CBH(PR), OH, OH V0
BLACKGOLD #5(PR), OH, OH V0	ANDERSON JANUARY #1(PR), OH, OH V0	SOUTH WOODS #10-3(PA), OH, OH V0
Falken 33C-9-L, OH, Plan #1 V0	Falken 34N-9C-L, OH, Plan #1V0	Fagerberg 36C-7-M, OH, OH V0

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation