



# **Synergy Resources Corporation**

**SEC 12-13 T6N R66W  
Falken 9-11 PAD  
Falken 32C-9-L**

**OH  
Plan #1**

## **Anticollision Report**

**25 April, 2017**



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</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:	ISCSWA
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	19,044.09	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	12,573.42	7,217.54	4,517.26	4,107.26	11.018	CC
146 COMPANY #14-1 - OH - OH	12,700.00	7,217.76	4,519.04	4,105.54	10.929	ES
146 COMPANY #14-1 - OH - OH	13,500.00	7,219.18	4,611.31	4,178.86	10.663	SF
ANDERSON #1-10-6-66(PA) - OH - OH	14,032.89	7,258.12	1,839.36	1,387.06	4.067	CC
ANDERSON #1-10-6-66(PA) - OH - OH	14,100.00	7,258.24	1,840.59	1,386.50	4.053	ES
ANDERSON #1-10-6-66(PA) - OH - OH	14,200.00	7,258.42	1,846.94	1,390.68	4.048	SF
ANDERSON #32-10(PR) - OH - OH	15,401.92	7,301.45	789.13	296.69	1.603	CC, ES, SF
ANDERSON #42-10(PR) - OH - OH	14,058.69	7,286.17	596.74	142.73	1.314	Level 3, CC, ES, SF
ANDERSON/JANUARY #1(PR) - OH - OH	12,705.65	7,276.77	607.25	191.49	1.461	Level 3, CC, ES, SF
BLACK GOLD #5(PR) - OH - OH	17,311.55	7,306.07	1,138.91	592.20	2.083	CC, ES
BLACK GOLD #5(PR) - OH - OH	17,400.00	7,305.91	1,142.34	593.96	2.083	SF
BLACK GOLD PETROLEUM #1(PR) - OH - OH	18,035.15	7,276.21	1,925.37	1,359.16	3.400	CC
BLACK GOLD PETROLEUM #1(PR) - OH - OH	18,100.00	7,276.33	1,926.46	1,358.56	3.392	ES
BLACK GOLD PETROLEUM #1(PR) - OH - OH	18,200.00	7,276.50	1,932.41	1,362.61	3.391	SF
BLACK GOLD PETROLEUM #2(SI) - OH - OH	18,075.29	7,292.88	584.82	238.62	1.689	CC, ES
BLACK GOLD PETROLEUM #2(SI) - OH - OH	18,100.00	7,293.03	585.34	238.69	1.689	SF
BLACKGOLD #3(PA) - OH - OH	16,876.54	7,275.16	1,924.90	1,391.62	3.610	CC
BLACKGOLD #3(PA) - OH - OH	16,900.00	7,275.20	1,925.04	1,391.11	3.605	ES
BLACKGOLD #3(PA) - OH - OH	17,000.00	7,275.38	1,928.86	1,392.60	3.597	SF
CARLSON #10-1(PA) - OH - OH	16,762.29	7,286.96	775.02	244.57	1.461	Level 3, CC, ES
CARLSON #10-1(PA) - OH - OH	16,800.00	7,287.02	775.94	244.77	1.461	Level 3, SF
CARLSON #14-1(PR) - OH - OH	0.00	0.00	2,883.52			
CARLSON #14-1(PR) - OH - OH	10,600.00	7,392.87	3,799.30	3,670.94	29.599	SF
CARLSON #14-2(SI) - OH - OH	200.00	160.00	4,261.31	4,252.93	508.070	CC
CARLSON #14-2(SI) - OH - OH	10,200.00	7,209.33	4,505.94	4,161.09	13.066	ES
CARLSON #14-2(SI) - OH - OH	11,300.00	7,211.28	4,666.66	4,295.88	12.586	SF
Fagerberg 11C-7-M - OH - OH	3,010.57	3,065.98	605.86	577.98	21.737	CC, ES
Fagerberg 11C-7-M - OH - OH	7,300.00	7,729.13	895.50	824.42	12.599	SF
Fagerberg 11N-7A-M - OH - OH	2,075.97	2,096.74	579.84	559.89	29.070	CC
Fagerberg 11N-7A-M - OH - OH	2,100.00	2,115.86	579.95	559.81	28.794	ES
Fagerberg 11N-7A-M - OH - OH	7,018.76	7,620.77	1,019.55	947.70	14.190	SF
Fagerberg 15N-7A-M - OH - OH	861.60	831.59	774.67	765.11	81.045	CC, ES
Fagerberg 15N-7A-M - OH - OH	9,100.00	6,533.00	2,719.31	2,630.57	30.641	SF
Fagerberg 23N-7C-M - OH - OH	795.57	764.69	898.47	889.53	100.456	CC
Fagerberg 23N-7C-M - OH - OH	824.00	786.00	898.59	889.49	98.743	ES
Fagerberg 23N-7C-M - OH - OH	8,400.00	6,941.00	1,680.05	1,602.18	21.575	SF
Fagerberg 25N(S)-7B-M - OH - OH	7,232.07	7,635.09	210.25	137.86	2.904	CC, ES, SF

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</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						
Fagerberg 25N-7B-M - OH - OH	3,176.84	3,266.68	157.44	125.90	4.991	CC
Fagerberg 25N-7B-M - OH - OH	3,200.00	3,288.35	157.63	125.84	4.959	ES, SF
Fagerberg 25N-7C-M - OH - OH	7,401.44	7,629.54	92.69	20.17	1.278	Level 3, CC, ES, SF
Fagerberg 28N-18B-M - OH - OH	278.11	269.39	973.54	966.74	143.243	CC, ES
Fagerberg 28N-18B-M - OH - OH	9,500.00	6,979.00	3,293.69	3,191.01	32.075	SF
Fagerberg 36C-7-M - OH - OH	0.00	0.00	956.95			
Fagerberg 36C-7-M - OH - OH	9,200.00	6,846.00	2,875.18	2,781.01	30.532	SF
Fagerberg 36N-7B-M - OH - OH	532.05	506.41	937.83	930.27	124.082	CC
Fagerberg 36N-7B-M - OH - OH	600.00	568.54	937.95	930.09	119.378	ES
Fagerberg 36N-7B-M - OH - OH	9,000.00	6,789.60	2,505.84	2,416.91	28.179	SF
Fagerberg 3C-18-M - OH - OH	100.00	88.15	826.10	822.63	237.515	CC, ES
Fagerberg 3C-18-M - OH - OH	9,800.00	6,506.95	3,699.22	3,594.48	35.317	SF
Fagerberg 6C-7-M - OH - OH	7,500.00	7,458.05	266.82	195.06	3.718	ES, SF
Fagerberg 6C-7-M - OH - OH	7,502.10	7,456.79	266.82	195.07	3.719	CC
Fagerberg 6N-7C-M - OH - OH	4,236.61	4,338.90	245.80	206.12	6.195	CC, ES
Fagerberg 6N-7C-M - OH - OH	4,300.00	4,393.60	247.70	207.34	6.138	SF
Falken 16C-9-L - OH - Plan #1	200.00	200.00	119.86	113.18	17.959	CC, ES
Falken 16C-9-L - OH - Plan #1	19,044.52	19,049.63	1,748.00	1,063.38	2.553	SF
Falken 16N-9B-L - OH - Plan #1	200.00	200.00	134.79	128.12	20.197	CC, ES
Falken 16N-9B-L - OH - Plan #1	19,044.52	18,877.91	2,081.76	1,400.71	3.057	SF
Falken 30C-14-S - OH - Plan #1	200.00	200.00	194.90	188.23	29.203	CC, ES
Falken 30C-14-S - OH - Plan #1	13,700.00	13,555.88	2,880.83	2,511.60	7.802	SF
Falken 30N-14B-S - OH - Plan #1	200.00	200.00	179.97	173.30	26.966	CC, ES
Falken 30N-14B-S - OH - Plan #1	13,600.00	13,368.87	2,667.77	2,300.25	7.259	SF
Falken 31C-14-S - Plan #1 - Plan #1	200.00	200.00	255.02	248.35	38.211	CC, ES
Falken 31C-14-S - Plan #1 - Plan #1	13,500.00	13,480.77	3,791.67	3,439.99	10.782	SF
Falken 31N-14B-S - OH - Plan #1	200.00	200.00	240.08	233.41	35.972	CC, ES
Falken 31N-14B-S - OH - Plan #1	13,400.00	13,256.62	3,571.75	3,221.84	10.208	SF
Falken 32N-9B-L - OH - Plan #1	200.00	200.00	14.93	8.26	2.237	CC
Falken 32N-9B-L - OH - Plan #1	19,044.52	18,860.06	289.54	-238.87	0.548	Level 1, ES, SF
Falken 33C-9-L - OH - Plan #1	200.00	200.00	89.98	83.31	13.483	CC, ES
Falken 33C-9-L - OH - Plan #1	19,044.52	19,022.43	1,326.86	641.84	1.937	SF
Falken 33N-9A-L - OH - Plan #1	200.00	200.00	75.04	68.37	11.244	CC, ES
Falken 33N-9A-L - OH - Plan #1	19,044.52	18,709.24	1,028.15	369.54	1.561	SF
Falken 33N-9B-L - OH - Plan #1	200.00	200.00	60.11	53.44	9.007	CC, ES
Falken 33N-9B-L - OH - Plan #1	19,044.52	18,841.04	883.21	210.83	1.314	Level 3, SF
Falken 33N-9C-L - OH - Plan #1	200.00	200.00	104.92	98.24	15.720	CC, ES
Falken 33N-9C-L - OH - Plan #1	19,044.52	18,916.24	1,532.11	849.30	2.244	SF
Falken 34C-9-L - OH - Plan #1	200.00	200.00	150.10	143.42	22.490	CC, ES
Falken 34C-9-L - OH - Plan #1	19,044.52	19,118.22	2,158.94	1,474.17	3.153	SF
Falken 34N-9C-L - OH - Plan #1	200.00	200.00	165.03	158.35	24.727	CC, ES
Falken 34N-9C-L - OH - Plan #1	19,044.52	19,011.43	2,362.73	1,679.41	3.458	SF
Falken 4N-14A-S - OH - Plan #1	200.00	200.00	209.85	203.17	31.442	CC, ES
Falken 4N-14A-S - OH - Plan #1	13,300.00	13,002.01	3,120.15	2,773.31	8.996	SF
Falken 4N-14C-S - OH - Plan #1	200.00	200.00	224.78	218.10	33.679	CC, ES
Falken 4N-14C-S - OH - Plan #1	13,400.00	13,210.89	3,345.61	2,996.31	9.578	SF
Falken 9C-9-L - OH - Plan #1	200.00	200.00	44.80	38.13	6.713	CC, ES
Falken 9C-9-L - OH - Plan #1	19,044.52	19,004.78	729.19	44.91	1.066	Level 2, SF
Falken 9N-9C-L - OH - Plan #1	200.00	200.00	29.87	23.20	4.476	CC
Falken 9N-9C-L - OH - Plan #1	15,200.00	15,049.69	276.40	-152.02	0.645	Level 1, SF
Falken 9N-9C-L - OH - Plan #1	19,044.52	18,890.10	444.20	-218.49	0.670	Level 1, ES
GILLESPIE #11-1(PA) - OH - OH	10,032.73	7,245.04	793.43	451.72	2.322	CC, ES
GILLESPIE #11-1(PA) - OH - OH	10,100.00	7,245.15	796.27	453.17	2.321	SF

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

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<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
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<b>Reference Wellbore</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						
Harvesters Resources #15M-303(PR) - OH - OH	15,920.95	6,600.00	2,681.25	2,406.74	9.768	CC
Harvesters Resources #15M-303(PR) - OH - OH	16,000.00	6,600.00	2,682.41	2,405.85	9.699	ES
Harvesters Resources #15M-303(PR) - OH - OH	16,300.00	6,612.38	2,707.78	2,424.99	9.575	SF
Harvesters Resources #15M-423(PR) - OH - OH	15,585.66	6,667.00	2,660.95	2,395.20	10.013	CC
Harvesters Resources #15M-423(PR) - OH - OH	15,700.00	6,667.00	2,663.41	2,394.67	9.911	ES
Harvesters Resources #15M-423(PR) - OH - OH	16,000.00	6,667.00	2,693.02	2,418.56	9.812	SF
Harvesters Resources #15R-243(PR) - OH - OH	15,109.33	6,606.00	2,689.36	2,437.65	10.685	CC
Harvesters Resources #15R-243(PR) - OH - OH	15,200.00	6,606.00	2,690.88	2,436.72	10.587	ES
Harvesters Resources #15R-243(PR) - OH - OH	15,500.00	6,606.00	2,717.58	2,457.11	10.433	SF
Harvesters Resources #15R-323(PR) - OH - OH	14,430.58	6,600.00	2,671.17	2,439.36	11.523	CC
Harvesters Resources #15R-323(PR) - OH - OH	14,500.00	6,600.00	2,672.07	2,438.44	11.437	ES
Harvesters Resources #15R-323(PR) - OH - OH	14,900.00	6,600.00	2,712.10	2,470.70	11.235	SF
Harvesters Resources #15R-403(PR) - OH - OH	14,761.32	6,700.00	2,653.69	2,407.52	10.780	CC
Harvesters Resources #15R-403(PR) - OH - OH	14,800.00	6,700.00	2,653.97	2,406.78	10.737	ES
Harvesters Resources #15R-403(PR) - OH - OH	15,200.00	6,700.00	2,689.70	2,434.69	10.547	SF
Harvesters Resources #15U-203(PR) - OH - OH	13,555.37	6,600.00	2,690.15	2,483.06	12.990	CC
Harvesters Resources #15U-203(PR) - OH - OH	13,600.00	6,600.00	2,690.52	2,482.18	12.914	ES
Harvesters Resources #15U-203(PR) - OH - OH	14,100.00	6,600.00	2,744.73	2,525.89	12.543	SF
Harvesters Resources #15U-443(PR) - OH - OH	14,016.18	6,700.00	2,653.21	2,433.18	12.058	CC
Harvesters Resources #15U-443(PR) - OH - OH	14,100.00	6,700.00	2,654.53	2,432.25	11.942	ES
Harvesters Resources #15U-443(PR) - OH - OH	14,500.00	6,700.00	2,696.96	2,466.63	11.709	SF
J.R. #1(PA) - OH - OH	8,612.23	7,152.52	711.04	407.36	2.341	CC, ES, SF
Jeff #1 - OH - OH	11,395.30	7,214.39	3,008.07	2,850.12	19.045	CC
Jeff #1 - OH - OH	11,500.00	7,214.84	3,009.89	2,849.11	18.721	ES
Jeff #1 - OH - OH	12,200.00	7,217.86	3,113.84	2,938.28	17.737	SF
JOHNSON #1(PA) - OH - OH	10,051.71	7,294.39	1,727.65	1,605.48	14.141	CC
JOHNSON #1(PA) - OH - OH	10,100.00	7,294.58	1,728.32	1,604.89	14.002	ES
JOHNSON #1(PA) - OH - OH	10,400.00	7,295.81	1,762.41	1,632.62	13.579	SF
JOHNSON #11-16G6(TA) - OH - OH	200.00	181.00	1,156.13	1,147.16	128.962	CC
JOHNSON #11-16G6(TA) - OH - OH	300.00	280.98	1,157.70	1,145.55	95.291	ES
JOHNSON #11-16G6(TA) - OH - OH	9,200.00	7,228.56	1,513.07	1,193.20	4.730	SF
JOHNSON #2(PA) - OH - OH	100.00	81.19	428.25	421.68	65.185	CC, ES
JOHNSON #2(PA) - OH - OH	8,900.00	7,232.07	554.58	462.11	5.997	SF
KRISTY #1(PA) - OH - OH	12,637.34	7,223.80	3,039.38	2,847.01	15.799	CC
KRISTY #1(PA) - OH - OH	12,700.00	7,223.77	3,040.02	2,845.92	15.662	ES
KRISTY #1(PA) - OH - OH	13,300.00	7,223.49	3,110.78	2,903.72	15.024	SF
Merritt #6-66-9-0758CDH(PR) - OH - OH	19,044.52	9,927.87	481.55	376.36	4.578	CC, ES, SF
Merritt #6-66-9-0857CH(PR) - OH - OH	19,044.52	9,979.17	253.47	149.96	2.449	CC, ES, SF
Merritt 6-66-9-0857BH(PR) - OH - OH	19,044.52	9,785.66	440.99	334.89	4.156	CC, ES, SF
MICHAEL I #14-2 - OH - OH	200.00	179.00	3,140.05	3,131.14	352.486	CC
MICHAEL I #14-2 - OH - OH	10,200.00	7,228.33	3,171.65	2,826.13	9.179	ES
MICHAEL I #14-2 - OH - OH	10,800.00	7,229.39	3,235.32	2,875.53	8.992	SF
Montera #10-33(PR) - OH - OH	15,246.75	7,275.27	346.71	-140.43	0.712	Level 1, CC, ES, SF
Montera #10-34(PR) - OH - OH	15,603.01	7,262.90	2,042.72	1,545.95	4.112	CC
Montera #10-34(PR) - OH - OH	15,700.00	7,263.08	2,045.02	1,545.74	4.096	ES
Montera #10-34(PR) - OH - OH	15,800.00	7,263.25	2,052.20	1,550.91	4.094	SF
Montera #10-43(SI) - OH - OH	13,910.44	7,265.90	462.95	13.82	1.031	Level 2, CC, ES, SF
MONTERA I #11-11(PR) - OH - OH	11,565.71	7,267.75	636.05	252.21	1.657	CC, ES
MONTERA I #11-11(PR) - OH - OH	11,600.00	7,267.81	636.98	252.32	1.656	SF
MONTERA I #11-14(PR) - OH - OH	11,257.08	7,249.20	1,812.92	1,438.19	4.838	CC
MONTERA I #11-14(PR) - OH - OH	11,300.00	7,249.28	1,813.43	1,437.53	4.824	ES
MONTERA I #11-14(PR) - OH - OH	11,400.00	7,249.46	1,818.55	1,440.19	4.806	SF
MONTERA I #14-8 - OH - OH	200.00	178.00	4,079.38	4,070.50	459.383	CC

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

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<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</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						
MONTERA I #14-8 - OH - OH	400.00	377.84	4,082.60	4,067.09	263.281	ES
MONTERA I #14-8 - OH - OH	10,000.00	7,226.98	4,911.33	4,574.30	14.572	SF
OPAL #1(PA) - OH - OH	12,721.77	7,306.20	773.45	356.22	1.854	CC, ES, SF
OTTOSON #2(PA) - OH - OH	0.00	0.00	3,887.92			
OTTOSON #2(PA) - OH - OH	10,600.00	7,264.28	5,473.71	5,355.45	46.284	SF
OTTOSON #3(PR) - OH - OH	2,111.82	2,035.30	1,526.91	1,507.39	78.255	CC
OTTOSON #3(PR) - OH - OH	2,300.00	2,216.23	1,527.72	1,506.58	72.252	ES
OTTOSON #3(PR) - OH - OH	8,000.00	7,184.74	1,992.64	1,918.66	26.934	SF
OTTOSON I #12-12(PR) - OH - OH	4,593.82	4,458.18	356.00	314.15	8.508	CC
OTTOSON I #12-12(PR) - OH - OH	4,600.00	4,463.94	356.00	314.10	8.496	ES
OTTOSON I #12-12(PR) - OH - OH	4,800.00	4,648.53	362.04	318.35	8.287	SF
OTTOSON I #12-25(PR) - OH - OH	6,663.28	6,487.82	1,278.35	1,217.30	20.938	CC, ES
OTTOSON I #12-25(PR) - OH - OH	6,850.00	6,676.06	1,292.52	1,229.94	20.652	SF
POP I #14-17 - OH - OH	200.00	175.00	3,593.45	3,584.65	408.530	CC
POP I #14-17 - OH - OH	400.00	374.84	3,598.04	3,582.63	233.535	ES
POP I #14-17 - OH - OH	10,400.00	7,224.69	4,190.40	3,842.24	12.036	SF
SOUTH WOODS #10-3(PA) - OH - OH	16,695.01	7,256.84	467.24	-60.25	0.886	Level 1, CC
SOUTH WOODS #10-3(PA) - OH - OH	16,700.00	7,256.85	467.26	-60.36	0.886	Level 1, ES, SF
SOUTHARD #2(PR) - OH - OH	7,429.05	7,135.92	801.36	734.14	11.921	CC, ES
SOUTHARD #2(PR) - OH - OH	7,500.00	7,167.27	804.29	736.49	11.862	SF

<b>Offset Design</b>													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							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	-132.56	-3,896.61	-4,243.04	5,760.92					
100.00	100.00	64.00	64.00	3.28	3.47	-132.56	-3,896.61	-4,243.04	5,760.81	5,754.06	6.75	853.486		
200.00	200.00	164.00	164.00	3.34	5.16	-132.56	-3,896.61	-4,243.04	5,760.81	5,752.32	8.49	678.202		
300.00	299.98	263.98	263.98	3.44	8.16	161.87	-3,896.61	-4,243.04	5,762.47	5,750.87	11.60	496.662		
400.00	399.84	363.84	363.84	3.60	11.44	161.86	-3,896.61	-4,243.04	5,767.44	5,752.40	15.04	383.475		
500.00	499.45	463.45	463.45	3.81	14.80	161.83	-3,896.61	-4,243.04	5,775.73	5,757.12	18.61	310.323		
600.00	598.70	562.70	562.70	4.06	18.20	161.80	-3,896.61	-4,243.04	5,787.31	5,765.06	22.26	260.043		
700.00	697.47	661.47	661.47	4.34	21.60	161.75	-3,896.61	-4,243.04	5,802.19	5,776.25	25.94	223.680		
800.00	795.62	759.62	759.62	4.66	24.99	161.69	-3,896.61	-4,243.04	5,820.34	5,790.69	29.65	196.320		
824.00	819.08	783.08	783.08	4.75	25.80	161.68	-3,896.61	-4,243.04	5,825.18	5,794.64	30.54	190.720		
900.00	893.28	857.28	857.28	5.02	28.37	161.73	-3,896.61	-4,243.04	5,840.81	5,807.44	33.37	175.037		
1,000.00	990.92	954.92	954.92	5.40	31.76	161.80	-3,896.61	-4,243.04	5,861.38	5,824.27	37.11	157.950		
1,100.00	1,088.56	1,052.56	1,052.56	5.80	35.15	161.86	-3,896.61	-4,243.04	5,881.96	5,841.09	40.87	143.916		
1,200.00	1,186.19	1,150.19	1,150.19	6.21	38.55	161.93	-3,896.61	-4,243.04	5,902.55	5,857.90	44.65	132.197		
1,300.00	1,283.83	1,247.83	1,247.83	6.64	41.94	161.99	-3,896.61	-4,243.04	5,923.14	5,874.70	48.44	122.272		
1,400.00	1,381.47	1,345.47	1,345.47	7.08	45.34	162.06	-3,896.61	-4,243.04	5,943.74	5,891.49	52.25	113.763		
1,500.00	1,479.10	1,443.10	1,443.10	7.53	48.74	162.12	-3,896.61	-4,243.04	5,964.35	5,908.29	56.06	106.391		
1,600.00	1,576.74	1,540.74	1,540.74	7.99	52.15	162.18	-3,896.61	-4,243.04	5,984.96	5,925.08	59.88	99.945		
1,700.00	1,674.38	1,638.38	1,638.38	8.45	55.55	162.25	-3,896.61	-4,243.04	6,005.59	5,941.88	63.71	94.263		
1,800.00	1,772.02	1,736.02	1,736.02	8.92	58.95	162.31	-3,896.61	-4,243.04	6,026.22	5,958.67	67.54	89.218		
1,900.00	1,869.65	1,833.65	1,833.65	9.39	62.35	162.37	-3,896.61	-4,243.04	6,046.85	5,975.47	71.38	84.710		
2,000.00	1,967.29	1,931.29	1,931.29	9.87	65.76	162.43	-3,896.61	-4,243.04	6,067.49	5,992.27	75.23	80.657		
2,100.00	2,064.93	2,028.93	2,028.93	10.35	69.16	162.49	-3,896.61	-4,243.04	6,088.14	6,009.07	79.07	76.994		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
2,200.00	2,162.56	2,126.56	2,126.56	10.83	72.57	162.55	-3,896.61	-4,243.04	6,108.80	6,025.88	82.92	73.669		
2,300.00	2,260.20	2,224.20	2,224.20	11.32	75.97	162.61	-3,896.61	-4,243.04	6,129.46	6,042.69	86.77	70.637		
2,400.00	2,357.84	2,321.84	2,321.84	11.80	79.38	162.67	-3,896.61	-4,243.04	6,150.13	6,059.50	90.63	67.861		
2,500.00	2,455.48	2,419.48	2,419.48	12.29	82.78	162.73	-3,896.61	-4,243.04	6,170.81	6,076.32	94.49	65.310		
2,600.00	2,553.11	2,517.11	2,517.11	12.78	86.19	162.79	-3,896.61	-4,243.04	6,191.49	6,093.14	98.34	62.958		
2,700.00	2,650.75	2,614.75	2,614.75	13.27	89.60	162.85	-3,896.61	-4,243.04	6,212.18	6,109.97	102.20	60.783		
2,800.00	2,748.39	2,712.39	2,712.39	13.77	93.00	162.91	-3,896.61	-4,243.04	6,232.87	6,126.81	106.06	58.765		
2,900.00	2,846.02	2,810.02	2,810.02	14.26	96.41	162.97	-3,896.61	-4,243.04	6,253.57	6,143.64	109.93	56.888		
3,000.00	2,943.66	2,907.66	2,907.66	14.76	99.82	163.03	-3,896.61	-4,243.04	6,274.28	6,160.49	113.79	55.138		
3,100.00	3,041.30	3,005.30	3,005.30	15.25	103.22	163.08	-3,896.61	-4,243.04	6,294.99	6,177.33	117.66	53.503		
3,200.00	3,138.94	3,102.94	3,102.94	15.75	106.63	163.14	-3,896.61	-4,243.04	6,315.71	6,194.19	121.52	51.972		
3,300.00	3,236.57	3,200.57	3,200.57	16.25	110.04	163.20	-3,896.61	-4,243.04	6,336.43	6,211.05	125.39	50.534		
3,400.00	3,334.21	3,301.79	3,298.21	16.75	113.57	163.25	-3,896.61	-4,243.04	6,357.16	6,227.78	129.38	49.135		
3,500.00	3,431.85	3,404.15	3,395.85	17.25	117.14	163.31	-3,896.61	-4,243.04	6,377.90	6,244.49	133.41	47.805		
3,600.00	3,529.48	3,506.52	3,493.48	17.75	120.71	163.36	-3,896.61	-4,243.04	6,398.64	6,261.20	137.45	46.553		
3,700.00	3,627.12	3,608.88	3,591.12	18.25	124.28	163.42	-3,896.61	-4,243.04	6,419.39	6,277.91	141.48	45.372		
3,800.00	3,724.76	3,688.76	3,688.76	18.75	127.07	163.47	-3,896.61	-4,243.04	6,440.15	6,295.41	144.73	44.497		
3,900.00	3,822.40	3,786.40	3,786.40	19.25	130.48	163.53	-3,896.61	-4,243.04	6,460.90	6,312.30	148.60	43.477		
4,000.00	3,920.03	3,884.03	3,884.03	19.75	133.89	163.58	-3,896.61	-4,243.04	6,481.67	6,329.19	152.47	42.510		
4,100.00	4,017.67	3,981.67	3,981.67	20.25	137.29	163.64	-3,896.61	-4,243.04	6,502.44	6,346.09	156.35	41.590		
4,200.00	4,115.31	4,079.31	4,079.31	20.76	140.70	163.69	-3,896.61	-4,243.04	6,523.22	6,363.00	160.22	40.715		
4,300.00	4,212.94	4,176.94	4,176.94	21.26	144.11	163.74	-3,896.61	-4,243.04	6,544.00	6,379.91	164.09	39.881		
4,400.00	4,310.58	4,274.58	4,274.58	21.76	147.52	163.80	-3,896.61	-4,243.04	6,564.78	6,396.82	167.96	39.085		
4,500.00	4,408.22	4,372.22	4,372.22	22.27	150.92	163.85	-3,896.61	-4,243.04	6,585.58	6,413.74	171.84	38.325		
4,600.00	4,505.86	4,469.86	4,469.86	22.77	154.33	163.90	-3,896.61	-4,243.04	6,606.37	6,430.66	175.71	37.598		
4,700.00	4,603.49	4,567.49	4,567.49	23.28	157.74	163.95	-3,896.61	-4,243.04	6,627.17	6,447.59	179.58	36.903		
4,800.00	4,701.13	4,665.13	4,665.13	23.78	161.15	164.00	-3,896.61	-4,243.04	6,647.98	6,464.53	183.46	36.238		
4,900.00	4,798.77	4,762.77	4,762.77	24.28	164.56	164.05	-3,896.61	-4,243.04	6,668.79	6,481.47	187.33	35.599		
5,000.00	4,896.40	4,860.40	4,860.40	24.79	167.96	164.11	-3,896.61	-4,243.04	6,689.61	6,498.41	191.20	34.987		
5,100.00	4,994.04	4,958.04	4,958.04	25.30	171.37	164.16	-3,896.61	-4,243.04	6,710.44	6,515.36	195.08	34.399		
5,200.00	5,091.68	5,055.68	5,055.68	25.80	174.78	164.21	-3,896.61	-4,243.04	6,731.26	6,532.31	198.95	33.834		
5,300.00	5,189.32	5,153.32	5,153.32	26.31	178.19	164.26	-3,896.61	-4,243.04	6,752.10	6,549.27	202.83	33.290		
5,400.00	5,286.95	5,250.95	5,250.95	26.81	181.60	164.31	-3,896.61	-4,243.04	6,772.93	6,566.23	206.70	32.767		
5,500.00	5,384.59	5,348.59	5,348.59	27.32	185.00	164.35	-3,896.61	-4,243.04	6,793.77	6,583.20	210.58	32.263		
5,600.00	5,482.23	5,446.23	5,446.23	27.82	188.41	164.40	-3,896.61	-4,243.04	6,814.62	6,600.17	214.45	31.777		
5,700.00	5,579.87	5,543.87	5,543.87	28.33	191.82	164.45	-3,896.61	-4,243.04	6,835.47	6,617.15	218.33	31.308		
5,800.00	5,677.50	5,641.50	5,641.50	28.84	195.23	164.50	-3,896.61	-4,243.04	6,856.33	6,634.13	222.20	30.856		
5,900.00	5,775.14	5,739.14	5,739.14	29.34	198.64	164.55	-3,896.61	-4,243.04	6,877.19	6,651.11	226.08	30.419		
6,000.00	5,872.78	5,836.78	5,836.78	29.85	202.04	164.60	-3,896.61	-4,243.04	6,898.06	6,668.10	229.95	29.997		
6,100.00	5,970.41	5,934.41	5,934.41	30.36	205.45	164.64	-3,896.61	-4,243.04	6,918.93	6,685.10	233.83	29.590		
6,200.00	6,068.05	6,032.05	6,032.05	30.86	208.86	164.69	-3,896.61	-4,243.04	6,939.80	6,702.10	237.71	29.195		
6,300.00	6,165.69	6,129.69	6,129.69	31.37	212.27	164.74	-3,896.61	-4,243.04	6,960.68	6,719.10	241.58	28.813		
6,400.00	6,263.33	6,227.33	6,227.33	31.88	215.68	164.78	-3,896.61	-4,243.04	6,981.57	6,736.11	245.46	28.443		
6,500.00	6,360.96	6,324.96	6,324.96	32.38	219.08	164.83	-3,896.61	-4,243.04	7,002.45	6,753.12	249.34	28.085		
6,600.00	6,458.60	6,422.60	6,422.60	32.89	222.49	164.88	-3,896.61	-4,243.04	7,023.35	6,770.13	253.21	27.737		
6,628.42	6,486.35	6,450.35	6,450.35	33.04	223.46	164.89	-3,896.61	-4,243.04	7,029.28	6,774.97	254.31	27.640		
6,650.00	6,507.49	6,471.49	6,471.49	33.14	224.20	169.46	-3,896.61	-4,243.04	7,033.52	6,778.37	255.15	27.566		
6,700.00	6,556.88	6,520.88	6,520.88	33.37	225.92	-172.37	-3,896.61	-4,243.04	7,041.20	6,784.11	257.10	27.387		
6,750.00	6,606.60	6,570.60	6,570.60	33.58	227.66	-133.51	-3,896.61	-4,243.04	7,045.88	6,786.84	259.04	27.200		
6,800.00	6,656.35	6,620.35	6,620.35	33.76	229.39	-91.15	-3,896.61	-4,243.04	7,047.52	6,786.55	260.97	27.005		
6,850.00	6,705.83	6,669.83	6,669.83	33.94	231.12	-70.75	-3,896.61	-4,243.04	7,046.11	6,783.24	262.88	26.804		
6,900.00	6,754.72	6,718.72	6,718.72	34.12	232.83	-61.59	-3,896.61	-4,243.04	7,041.69	6,776.93	264.75	26.597		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
6,950.00	6,802.72	6,766.72	6,766.72	34.31	234.50	-56.96	-3,896.61	-4,243.04	7,034.27	6,767.68	266.59	26.386		
7,000.00	6,849.54	6,813.54	6,813.54	34.50	236.14	-54.51	-3,896.61	-4,243.04	7,023.92	6,755.54	268.38	26.172		
7,050.00	6,894.89	6,858.89	6,858.89	34.71	237.72	-53.33	-3,896.61	-4,243.04	7,010.72	6,740.61	270.11	25.955		
7,100.00	6,938.49	6,902.49	6,902.49	34.93	239.24	-52.99	-3,896.61	-4,243.04	6,994.76	6,722.99	271.77	25.738		
7,150.00	6,980.07	6,944.07	6,944.07	35.17	240.69	-53.29	-3,896.61	-4,243.04	6,976.16	6,702.80	273.36	25.520		
7,200.00	7,019.38	6,983.38	6,983.38	35.43	242.07	-54.10	-3,896.61	-4,243.04	6,955.06	6,680.18	274.87	25.303		
7,250.00	7,056.17	7,020.17	7,020.17	35.71	243.35	-55.38	-3,896.61	-4,243.04	6,931.59	6,655.28	276.30	25.087		
7,300.00	7,090.21	7,054.21	7,054.21	36.03	244.54	-57.09	-3,896.61	-4,243.04	6,905.92	6,628.28	277.64	24.873		
7,350.00	7,121.30	7,085.30	7,085.30	36.37	245.62	-59.22	-3,896.61	-4,243.04	6,878.23	6,599.34	278.89	24.663		
7,400.00	7,149.25	7,113.25	7,113.25	36.75	246.60	-61.76	-3,896.61	-4,243.04	6,848.71	6,568.66	280.05	24.455		
7,450.00	7,173.87	7,137.87	7,137.87	37.17	247.46	-64.71	-3,896.61	-4,243.04	6,817.56	6,536.45	281.11	24.252		
7,500.00	7,195.03	7,159.03	7,159.03	37.62	248.20	-68.06	-3,896.61	-4,243.04	6,784.98	6,502.91	282.07	24.054		
7,550.00	7,212.58	7,176.58	7,176.58	38.11	248.81	-71.79	-3,896.61	-4,243.04	6,751.20	6,468.26	282.94	23.861		
7,600.00	7,226.43	7,209.57	7,190.43	38.64	249.96	-75.87	-3,896.61	-4,243.04	6,716.42	6,432.06	284.37	23.619		
7,650.00	7,236.48	7,200.48	7,200.48	39.20	249.65	-80.24	-3,896.61	-4,243.04	6,680.88	6,396.53	284.35	23.495		
7,700.00	7,242.68	7,206.68	7,206.68	39.79	249.86	-84.84	-3,896.61	-4,243.04	6,644.80	6,359.90	284.90	23.323		
7,753.32	7,245.00	7,209.00	7,209.00	40.44	249.94	-89.89	-3,896.61	-4,243.04	6,605.98	6,320.62	285.36	23.150		
7,800.00	7,245.08	7,209.08	7,209.08	41.04	249.95	-89.89	-3,896.61	-4,243.04	6,572.00	6,286.28	285.72	23.001		
7,900.00	7,245.26	7,209.26	7,209.26	42.43	249.95	-89.89	-3,896.61	-4,243.04	6,499.73	6,213.14	286.58	22.680		
8,000.00	7,245.43	7,209.43	7,209.43	43.97	249.96	-89.90	-3,896.61	-4,243.04	6,428.20	6,140.63	287.57	22.353		
8,100.00	7,245.61	7,209.61	7,209.61	45.64	249.96	-89.90	-3,896.61	-4,243.04	6,357.44	6,068.76	288.68	22.022		
8,200.00	7,245.79	7,209.79	7,209.79	47.42	249.97	-89.90	-3,896.61	-4,243.04	6,287.48	5,997.56	289.92	21.687		
8,300.00	7,245.97	7,209.97	7,209.97	49.30	249.98	-89.90	-3,896.61	-4,243.04	6,218.34	5,927.07	291.27	21.349		
8,400.00	7,246.14	7,210.14	7,210.14	51.28	249.98	-89.91	-3,896.61	-4,243.04	6,150.04	5,857.31	292.73	21.009		
8,500.00	7,246.32	7,210.32	7,210.32	53.34	249.99	-89.91	-3,896.61	-4,243.04	6,082.63	5,788.31	294.31	20.667		
8,600.00	7,246.50	7,210.50	7,210.50	55.46	249.99	-89.91	-3,896.61	-4,243.04	6,016.12	5,720.12	296.00	20.325		
8,700.00	7,246.67	7,210.67	7,210.67	57.66	250.00	-89.91	-3,896.61	-4,243.04	5,950.55	5,652.75	297.80	19.982		
8,800.00	7,246.85	7,210.85	7,210.85	59.90	250.01	-89.92	-3,896.61	-4,243.04	5,885.94	5,586.25	299.69	19.640		
8,900.00	7,247.03	7,211.03	7,211.03	62.20	250.01	-89.92	-3,896.61	-4,243.04	5,822.34	5,520.65	301.69	19.299		
9,000.00	7,247.21	7,211.21	7,211.21	64.55	250.02	-89.92	-3,896.61	-4,243.04	5,759.77	5,456.00	303.77	18.961		
9,100.00	7,247.38	7,211.38	7,211.38	66.93	250.03	-89.92	-3,896.61	-4,243.04	5,698.27	5,392.32	305.95	18.625		
9,200.00	7,247.56	7,211.56	7,211.56	69.35	250.03	-89.92	-3,896.61	-4,243.04	5,637.87	5,329.65	308.22	18.292		
9,300.00	7,247.74	7,211.74	7,211.74	71.80	250.04	-89.93	-3,896.61	-4,243.04	5,578.61	5,268.04	310.57	17.962		
9,400.00	7,247.91	7,211.91	7,211.91	74.29	250.04	-89.93	-3,896.61	-4,243.04	5,520.53	5,207.52	313.01	17.637		
9,500.00	7,248.09	7,212.09	7,212.09	76.79	250.05	-89.93	-3,896.61	-4,243.04	5,463.66	5,148.14	315.52	17.316		
9,600.00	7,248.27	7,212.27	7,212.27	79.33	250.06	-89.93	-3,896.61	-4,243.04	5,408.04	5,089.93	318.10	17.001		
9,700.00	7,248.45	7,212.45	7,212.45	81.88	250.06	-89.94	-3,896.61	-4,243.04	5,353.71	5,032.94	320.76	16.690		
9,800.00	7,248.62	7,212.62	7,212.62	84.45	250.07	-89.94	-3,896.61	-4,243.04	5,300.71	4,977.22	323.49	16.386		
9,900.00	7,248.80	7,212.80	7,212.80	87.04	250.08	-89.94	-3,896.61	-4,243.04	5,249.08	4,922.79	326.29	16.087		
10,000.00	7,248.98	7,212.98	7,212.98	89.65	250.08	-89.94	-3,896.61	-4,243.04	5,198.86	4,869.72	329.14	15.795		
10,100.00	7,249.15	7,213.15	7,213.15	92.28	250.09	-89.94	-3,896.61	-4,243.04	5,150.09	4,818.04	332.06	15.510		
10,200.00	7,249.33	7,213.33	7,213.33	94.91	250.09	-89.95	-3,896.61	-4,243.04	5,102.82	4,767.79	335.03	15.231		
10,300.00	7,249.51	7,213.51	7,213.51	97.56	250.10	-89.95	-3,896.61	-4,243.04	5,057.08	4,719.04	338.05	14.960		
10,400.00	7,249.69	7,213.69	7,213.69	100.22	250.11	-89.95	-3,896.61	-4,243.04	5,012.92	4,671.81	341.12	14.696		
10,500.00	7,249.86	7,213.86	7,213.86	102.89	250.11	-89.95	-3,896.61	-4,243.04	4,970.38	4,626.16	344.23	14.439		
10,600.00	7,250.04	7,214.04	7,214.04	105.57	250.12	-89.96	-3,896.61	-4,243.04	4,929.51	4,582.13	347.38	14.190		
10,700.00	7,250.22	7,214.22	7,214.22	108.27	250.12	-89.96	-3,896.61	-4,243.04	4,890.33	4,539.76	350.57	13.950		
10,800.00	7,250.39	7,214.39	7,214.39	110.96	250.13	-89.96	-3,896.61	-4,243.04	4,852.90	4,499.12	353.79	13.717		
10,900.00	7,250.57	7,214.57	7,214.57	113.67	250.14	-89.96	-3,896.61	-4,243.04	4,817.26	4,460.23	357.03	13.493		
11,000.00	7,250.75	7,214.75	7,214.75	116.39	250.14	-89.96	-3,896.61	-4,243.04	4,783.44	4,423.15	360.30	13.276		
11,100.00	7,250.93	7,214.93	7,214.93	119.11	250.15	-89.97	-3,896.61	-4,243.04	4,751.49	4,387.91	363.58	13.069		
11,200.00	7,251.10	7,215.10	7,215.10	121.83	250.16	-89.97	-3,896.61	-4,243.04	4,721.43	4,354.57	366.87	12.870		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
11,300.00	7,251.28	7,215.28	7,215.28	124.57	250.16	-89.97	-3,896.61	-4,243.04	4,693.32	4,323.16	370.16	12.679		
11,400.00	7,251.46	7,215.46	7,215.46	127.31	250.17	-89.97	-3,896.61	-4,243.04	4,667.18	4,293.73	373.45	12.497		
11,500.00	7,251.63	7,215.63	7,215.63	130.05	250.17	-89.98	-3,896.61	-4,243.04	4,643.05	4,266.31	376.74	12.324		
11,600.00	7,251.81	7,215.81	7,215.81	132.80	250.18	-89.98	-3,896.61	-4,243.04	4,620.95	4,240.94	380.01	12.160		
11,700.00	7,251.99	7,215.99	7,215.99	135.55	250.19	-89.98	-3,896.61	-4,243.04	4,600.93	4,217.66	383.27	12.004		
11,800.00	7,252.17	7,216.17	7,216.17	138.31	250.19	-89.98	-3,896.61	-4,243.04	4,583.00	4,196.50	386.50	11.858		
11,900.00	7,252.34	7,216.34	7,216.34	141.07	250.20	-89.98	-3,896.61	-4,243.04	4,567.18	4,177.48	389.70	11.720		
12,000.00	7,252.52	7,216.52	7,216.52	143.84	250.21	-89.99	-3,896.61	-4,243.04	4,553.51	4,160.65	392.86	11.591		
12,100.00	7,252.70	7,216.70	7,216.70	146.61	250.21	-89.99	-3,896.61	-4,243.04	4,542.00	4,146.02	395.98	11.470		
12,200.00	7,252.87	7,216.87	7,216.87	149.38	250.22	-89.99	-3,896.61	-4,243.04	4,532.67	4,133.62	399.05	11.359		
12,300.00	7,253.05	7,217.05	7,217.05	152.16	250.22	-89.99	-3,896.61	-4,243.04	4,525.53	4,123.46	402.07	11.256		
12,400.00	7,253.23	7,217.23	7,217.23	154.94	250.23	-90.00	-3,896.61	-4,243.04	4,520.59	4,115.56	405.03	11.161		
12,500.00	7,253.41	7,217.41	7,217.41	157.72	250.24	-90.00	-3,896.61	-4,243.04	4,517.86	4,109.94	407.92	11.075		
12,573.42	7,253.54	7,217.54	7,217.54	159.77	250.24	-90.00	-3,896.61	-4,243.04	4,517.26	4,107.26	410.01	11.018 CC		
12,600.00	7,253.58	7,217.58	7,217.58	160.51	250.24	-90.00	-3,896.61	-4,243.04	4,517.34	4,106.59	410.75	10.998		
12,700.00	7,253.76	7,217.76	7,217.76	163.29	250.25	-90.00	-3,896.61	-4,243.04	4,519.04	4,105.54	413.50	10.929 ES		
12,800.00	7,253.94	7,217.94	7,217.94	166.08	250.25	-90.01	-3,896.61	-4,243.04	4,522.94	4,106.77	416.17	10.868		
12,900.00	7,254.11	7,218.11	7,218.11	168.88	250.26	-90.01	-3,896.61	-4,243.04	4,529.05	4,110.29	418.77	10.815		
13,000.00	7,254.29	7,218.29	7,218.29	171.67	250.27	-90.01	-3,896.61	-4,243.04	4,537.36	4,116.09	421.27	10.771		
13,100.00	7,254.47	7,218.47	7,218.47	174.47	250.27	-90.01	-3,896.61	-4,243.04	4,547.85	4,124.16	423.69	10.734		
13,200.00	7,254.65	7,218.65	7,218.65	177.27	250.28	-90.01	-3,896.61	-4,243.04	4,560.51	4,134.49	426.02	10.705		
13,300.00	7,254.82	7,218.82	7,218.82	180.07	250.29	-90.02	-3,896.61	-4,243.04	4,575.32	4,147.06	428.26	10.683		
13,400.00	7,255.00	7,219.00	7,219.00	182.87	250.29	-90.02	-3,896.61	-4,243.04	4,592.27	4,161.86	430.40	10.670		
13,500.00	7,255.18	7,219.18	7,219.18	185.67	250.30	-90.02	-3,896.61	-4,243.04	4,611.31	4,178.86	432.45	10.663 SF		
13,600.00	7,255.35	7,219.35	7,219.35	188.48	250.30	-90.02	-3,896.61	-4,243.04	4,632.44	4,198.04	434.41	10.664		
13,700.00	7,255.53	7,219.53	7,219.53	191.29	250.31	-90.03	-3,896.61	-4,243.04	4,655.63	4,219.36	436.26	10.672		
13,800.00	7,255.71	7,219.71	7,219.71	194.10	250.32	-90.03	-3,896.61	-4,243.04	4,680.83	4,242.80	438.02	10.686		
13,900.00	7,255.89	7,219.89	7,219.89	196.91	250.32	-90.03	-3,896.61	-4,243.04	4,708.02	4,268.33	439.69	10.708		
14,000.00	7,256.06	7,220.06	7,220.06	199.72	250.33	-90.03	-3,896.61	-4,243.04	4,737.17	4,295.91	441.26	10.736		
14,100.00	7,256.24	7,220.24	7,220.24	202.53	250.34	-90.03	-3,896.61	-4,243.04	4,768.24	4,325.50	442.74	10.770		
14,200.00	7,256.42	7,220.42	7,220.42	205.35	250.34	-90.04	-3,896.61	-4,243.04	4,801.19	4,357.07	444.13	10.810		
14,300.00	7,256.59	7,220.59	7,220.59	208.16	250.35	-90.04	-3,896.61	-4,243.04	4,835.98	4,390.56	445.42	10.857		
14,400.00	7,256.77	7,220.77	7,220.77	210.98	250.35	-90.04	-3,896.61	-4,243.04	4,872.58	4,425.95	446.63	10.910		
14,500.00	7,256.95	7,220.95	7,220.95	213.80	250.36	-90.04	-3,896.61	-4,243.04	4,910.94	4,463.20	447.75	10.968		
14,600.00	7,257.13	7,221.13	7,221.13	216.62	250.37	-90.05	-3,896.61	-4,243.04	4,951.03	4,502.24	448.79	11.032		
14,700.00	7,257.30	7,221.30	7,221.30	219.44	250.37	-90.05	-3,896.61	-4,243.04	4,992.80	4,543.05	449.74	11.101		
14,800.00	7,257.48	7,221.48	7,221.48	222.26	250.38	-90.05	-3,896.61	-4,243.04	5,036.20	4,585.58	450.62	11.176		
14,900.00	7,257.66	7,221.66	7,221.66	225.08	250.38	-90.05	-3,896.61	-4,243.04	5,081.20	4,629.78	451.42	11.256		
15,000.00	7,257.83	7,221.83	7,221.83	227.91	250.39	-90.05	-3,896.61	-4,243.04	5,127.76	4,675.61	452.15	11.341		
15,100.00	7,258.01	7,222.01	7,222.01	230.73	250.40	-90.06	-3,896.61	-4,243.04	5,175.83	4,723.02	452.81	11.430		
15,200.00	7,258.19	7,222.19	7,222.19	233.56	250.40	-90.06	-3,896.61	-4,243.04	5,225.38	4,771.97	453.40	11.525		
15,300.00	7,258.37	7,222.37	7,222.37	236.38	250.41	-90.06	-3,896.61	-4,243.04	5,276.35	4,822.42	453.93	11.624		
15,400.00	7,258.54	7,222.54	7,222.54	239.21	250.42	-90.06	-3,896.61	-4,243.04	5,328.72	4,874.32	454.40	11.727		
15,500.00	7,258.72	7,222.72	7,222.72	242.04	250.42	-90.07	-3,896.61	-4,243.04	5,382.43	4,927.62	454.81	11.834		
15,600.00	7,258.90	7,222.90	7,222.90	244.87	250.43	-90.07	-3,896.61	-4,243.04	5,437.45	4,982.29	455.16	11.946		
15,700.00	7,259.08	7,223.08	7,223.08	247.70	250.43	-90.07	-3,896.61	-4,243.04	5,493.74	5,038.27	455.46	12.062		
15,800.00	7,259.25	7,223.25	7,223.25	250.53	250.44	-90.07	-3,896.61	-4,243.04	5,551.26	5,095.54	455.72	12.181		
15,900.00	7,259.43	7,223.43	7,223.43	253.36	250.45	-90.07	-3,896.61	-4,243.04	5,609.97	5,154.05	455.92	12.305		
16,000.00	7,259.61	7,223.61	7,223.61	256.19	250.45	-90.08	-3,896.61	-4,243.04	5,669.84	5,213.76	456.08	12.432		
16,100.00	7,259.78	7,223.78	7,223.78	259.02	250.46	-90.08	-3,896.61	-4,243.04	5,730.83	5,274.63	456.20	12.562		
16,200.00	7,259.96	7,223.96	7,223.96	261.85	250.46	-90.08	-3,896.61	-4,243.04	5,792.90	5,336.62	456.28	12.696		
16,300.00	7,260.14	7,224.14	7,224.14	264.68	250.47	-90.08	-3,896.61	-4,243.04	5,856.03	5,399.70	456.32	12.833		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</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>													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		
16,400.00	7,260.32	7,224.32	7,224.32	267.52	250.48	-90.09	-3,896.61	-4,243.04	5,920.16	5,463.83	456.33	12.973		
16,500.00	7,260.49	7,224.49	7,224.49	270.35	250.48	-90.09	-3,896.61	-4,243.04	5,985.29	5,528.98	456.31	13.117		
16,600.00	7,260.67	7,224.67	7,224.67	273.19	250.49	-90.09	-3,896.61	-4,243.04	6,051.36	5,595.11	456.25	13.263		
16,700.00	7,260.85	7,224.85	7,224.85	276.02	250.50	-90.09	-3,896.61	-4,243.04	6,118.36	5,662.19	456.17	13.412		
16,800.00	7,261.02	7,225.02	7,225.02	278.86	250.50	-90.09	-3,896.61	-4,243.04	6,186.24	5,730.18	456.06	13.564		
16,900.00	7,261.20	7,225.20	7,225.20	281.69	250.51	-90.10	-3,896.61	-4,243.04	6,254.99	5,799.06	455.93	13.719		
17,000.00	7,261.38	7,225.38	7,225.38	284.53	250.51	-90.10	-3,896.61	-4,243.04	6,324.57	5,868.80	455.77	13.877		
17,100.00	7,261.56	7,225.56	7,225.56	287.37	250.52	-90.10	-3,896.61	-4,243.04	6,394.96	5,939.37	455.60	14.036		
17,200.00	7,261.73	7,225.73	7,225.73	290.21	250.53	-90.10	-3,896.61	-4,243.04	6,466.13	6,010.73	455.40	14.199		
17,300.00	7,261.91	7,225.91	7,225.91	293.04	250.53	-90.11	-3,896.61	-4,243.04	6,538.06	6,082.87	455.19	14.363		
17,400.00	7,262.09	7,226.09	7,226.09	295.88	250.54	-90.11	-3,896.61	-4,243.04	6,610.71	6,155.75	454.96	14.530		
17,500.00	7,262.26	7,226.26	7,226.26	298.72	250.55	-90.11	-3,896.61	-4,243.04	6,684.07	6,229.36	454.71	14.700		
17,600.00	7,262.44	7,226.44	7,226.44	301.56	250.55	-90.11	-3,896.61	-4,243.04	6,758.11	6,303.66	454.45	14.871		
17,700.00	7,262.62	7,226.62	7,226.62	304.40	250.56	-90.12	-3,896.61	-4,243.04	6,832.82	6,378.64	454.18	15.044		
17,800.00	7,262.80	7,226.80	7,226.80	307.24	250.56	-90.12	-3,896.61	-4,243.04	6,908.16	6,454.26	453.90	15.220		
17,900.00	7,262.97	7,226.97	7,226.97	310.08	250.57	-90.12	-3,896.61	-4,243.04	6,984.13	6,530.52	453.61	15.397		
18,000.00	7,263.15	7,227.15	7,227.15	312.92	250.58	-90.12	-3,896.61	-4,243.04	7,060.69	6,607.39	453.30	15.576		
18,100.00	7,263.33	7,227.33	7,227.33	315.76	250.58	-90.12	-3,896.61	-4,243.04	7,137.83	6,684.84	452.99	15.757		
18,200.00	7,263.50	7,227.50	7,227.50	318.61	250.59	-90.13	-3,896.61	-4,243.04	7,215.54	6,762.86	452.67	15.940		
18,300.00	7,263.68	7,227.68	7,227.68	321.45	250.59	-90.13	-3,896.61	-4,243.04	7,293.79	6,841.44	452.35	16.124		
18,400.00	7,263.86	7,227.86	7,227.86	324.29	250.60	-90.13	-3,896.61	-4,243.04	7,372.56	6,920.54	452.01	16.310		
18,500.00	7,264.04	7,228.04	7,228.04	327.13	250.61	-90.13	-3,896.61	-4,243.04	7,451.84	7,000.16	451.68	16.498		
18,600.00	7,264.21	7,228.21	7,228.21	329.97	250.61	-90.14	-3,896.61	-4,243.04	7,531.62	7,080.28	451.34	16.687		
18,700.00	7,264.39	7,228.39	7,228.39	332.82	250.62	-90.14	-3,896.61	-4,243.04	7,611.87	7,160.88	450.99	16.878		
18,800.00	7,264.57	7,228.57	7,228.57	335.66	250.63	-90.14	-3,896.61	-4,243.04	7,692.59	7,241.95	450.64	17.070		
18,900.00	7,264.74	7,228.74	7,228.74	338.51	250.63	-90.14	-3,896.61	-4,243.04	7,773.75	7,323.46	450.29	17.264		
19,000.00	7,264.92	7,228.92	7,228.92	341.35	250.64	-90.14	-3,896.61	-4,243.04	7,855.35	7,405.42	449.93	17.459		
19,044.52	7,265.00	7,229.00	7,229.00	342.62	250.64	-90.15	-3,896.61	-4,243.04	7,891.81	7,442.04	449.77	17.546		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	2.00	2.00	3.28	3.28	-102.06	-1,217.58	-5,700.43	5,829.02					
100.00	100.00	102.00	102.00	3.28	3.75	-102.06	-1,217.58	-5,700.43	5,829.02	5,821.98	7.03	828.747		
200.00	200.00	202.00	202.00	3.34	6.24	-102.06	-1,217.58	-5,700.43	5,829.02	5,819.44	9.58	608.758		
300.00	299.98	301.98	301.98	3.44	9.39	-167.61	-1,217.58	-5,700.43	5,830.72	5,817.89	12.83	454.385		
400.00	399.84	401.84	401.84	3.60	12.71	-167.60	-1,217.58	-5,700.43	5,835.83	5,819.52	16.32	357.675		
500.00	499.45	501.45	501.45	3.81	16.10	-167.58	-1,217.58	-5,700.43	5,844.35	5,824.44	19.91	293.585		
600.00	598.70	600.70	600.70	4.06	19.50	-167.56	-1,217.58	-5,700.43	5,856.25	5,832.69	23.56	248.585		
700.00	697.47	700.53	699.47	4.34	22.95	-167.52	-1,217.58	-5,700.43	5,871.53	5,844.25	27.28	215.211		
800.00	795.62	802.38	797.62	4.66	26.47	-167.48	-1,217.58	-5,700.43	5,890.18	5,859.06	31.12	189.288		
824.00	819.08	821.08	821.08	4.75	27.12	-167.47	-1,217.58	-5,700.43	5,895.15	5,863.30	31.85	185.100		
900.00	893.28	904.72	895.28	5.02	30.02	-167.51	-1,217.58	-5,700.43	5,911.20	5,876.20	35.00	168.895		
1,000.00	990.92	1,007.08	992.92	5.40	33.57	-167.55	-1,217.58	-5,700.43	5,932.32	5,893.42	38.90	152.505		
1,100.00	1,088.56	1,109.44	1,090.56	5.80	37.13	-167.60	-1,217.58	-5,700.43	5,953.45	5,910.63	42.82	139.033		
1,200.00	1,186.19	1,188.19	1,188.19	6.21	39.87	-167.64	-1,217.58	-5,700.43	5,974.58	5,928.64	45.94	130.061		
1,300.00	1,283.83	1,285.83	1,285.83	6.64	43.27	-167.68	-1,217.58	-5,700.43	5,995.71	5,945.99	49.72	120.581		
1,400.00	1,381.47	1,383.47	1,383.47	7.08	46.67	-167.73	-1,217.58	-5,700.43	6,016.85	5,963.33	53.52	112.419		
1,500.00	1,479.10	1,481.10	1,481.10	7.53	50.07	-167.77	-1,217.58	-5,700.43	6,037.99	5,980.66	57.33	105.321		
1,600.00	1,576.74	1,578.74	1,578.74	7.99	53.47	-167.81	-1,217.58	-5,700.43	6,059.13	5,997.99	61.14	99.095		
1,700.00	1,674.38	1,676.38	1,676.38	8.45	56.87	-167.86	-1,217.58	-5,700.43	6,080.28	6,015.31	64.97	93.591		
1,800.00	1,772.02	1,774.02	1,774.02	8.92	60.27	-167.90	-1,217.58	-5,700.43	6,101.43	6,032.64	68.79	88.691		
1,900.00	1,869.65	1,871.65	1,871.65	9.39	63.68	-167.94	-1,217.58	-5,700.43	6,122.58	6,049.96	72.63	84.303		
2,000.00	1,967.29	1,969.29	1,969.29	9.87	67.08	-167.98	-1,217.58	-5,700.43	6,143.74	6,067.28	76.46	80.350		
2,100.00	2,064.93	2,066.93	2,066.93	10.35	70.49	-168.03	-1,217.58	-5,700.43	6,164.90	6,084.60	80.30	76.771		
2,200.00	2,162.56	2,164.56	2,164.56	10.83	73.89	-168.07	-1,217.58	-5,700.43	6,186.06	6,101.92	84.15	73.516		
2,300.00	2,260.20	2,262.20	2,262.20	11.32	77.30	-168.11	-1,217.58	-5,700.43	6,207.23	6,119.24	87.99	70.544		
2,400.00	2,357.84	2,359.84	2,359.84	11.80	80.70	-168.15	-1,217.58	-5,700.43	6,228.40	6,136.56	91.84	67.818		
2,500.00	2,455.48	2,457.48	2,457.48	12.29	84.11	-168.19	-1,217.58	-5,700.43	6,249.57	6,153.88	95.69	65.311		
2,600.00	2,553.11	2,555.11	2,555.11	12.78	87.52	-168.23	-1,217.58	-5,700.43	6,270.74	6,171.20	99.54	62.996		
2,700.00	2,650.75	2,652.75	2,652.75	13.27	90.92	-168.27	-1,217.58	-5,700.43	6,291.92	6,188.52	103.40	60.853		
2,800.00	2,748.39	2,750.39	2,750.39	13.77	94.33	-168.31	-1,217.58	-5,700.43	6,313.10	6,205.85	107.25	58.863		
2,900.00	2,846.02	2,848.02	2,848.02	14.26	97.73	-168.35	-1,217.58	-5,700.43	6,334.28	6,223.18	111.11	57.010		
3,000.00	2,943.66	2,945.66	2,945.66	14.76	101.14	-168.39	-1,217.58	-5,700.43	6,355.47	6,240.50	114.97	55.282		
3,100.00	3,041.30	3,043.30	3,043.30	15.25	104.55	-168.43	-1,217.58	-5,700.43	6,376.66	6,257.83	118.82	53.665		
3,200.00	3,138.94	3,140.94	3,140.94	15.75	107.95	-168.47	-1,217.58	-5,700.43	6,397.85	6,275.17	122.68	52.149		
3,300.00	3,236.57	3,238.57	3,238.57	16.25	111.36	-168.51	-1,217.58	-5,700.43	6,419.05	6,292.50	126.55	50.725		
3,400.00	3,334.21	3,336.21	3,336.21	16.75	114.77	-168.54	-1,217.58	-5,700.43	6,440.24	6,309.84	130.41	49.386		
3,500.00	3,431.85	3,433.85	3,433.85	17.25	118.18	-168.58	-1,217.58	-5,700.43	6,461.44	6,327.17	134.27	48.123		
3,600.00	3,529.48	3,531.48	3,531.48	17.75	121.58	-168.62	-1,217.58	-5,700.43	6,482.65	6,344.51	138.13	46.931		
3,700.00	3,627.12	3,629.12	3,629.12	18.25	124.99	-168.66	-1,217.58	-5,700.43	6,503.85	6,361.86	142.00	45.803		
3,800.00	3,724.76	3,726.76	3,726.76	18.75	128.40	-168.69	-1,217.58	-5,700.43	6,525.06	6,379.20	145.86	44.735		
3,900.00	3,822.40	3,824.40	3,824.40	19.25	131.81	-168.73	-1,217.58	-5,700.43	6,546.27	6,396.55	149.73	43.722		
4,000.00	3,920.03	3,922.03	3,922.03	19.75	135.21	-168.77	-1,217.58	-5,700.43	6,567.49	6,413.89	153.59	42.760		
4,100.00	4,017.67	4,019.67	4,019.67	20.25	138.62	-168.81	-1,217.58	-5,700.43	6,588.70	6,431.24	157.46	41.844		
4,200.00	4,115.31	4,117.31	4,117.31	20.76	142.03	-168.84	-1,217.58	-5,700.43	6,609.92	6,448.60	161.32	40.973		
4,300.00	4,212.94	4,214.94	4,214.94	21.26	145.44	-168.88	-1,217.58	-5,700.43	6,631.14	6,465.95	165.19	40.142		
4,400.00	4,310.58	4,312.58	4,312.58	21.76	148.84	-168.91	-1,217.58	-5,700.43	6,652.37	6,483.31	169.06	39.350		
4,500.00	4,408.22	4,410.22	4,410.22	22.27	152.25	-168.95	-1,217.58	-5,700.43	6,673.59	6,500.67	172.92	38.592		
4,600.00	4,505.86	4,507.86	4,507.86	22.77	155.66	-168.98	-1,217.58	-5,700.43	6,694.82	6,518.03	176.79	37.868		
4,700.00	4,603.49	4,605.49	4,605.49	23.28	159.07	-169.02	-1,217.58	-5,700.43	6,716.05	6,535.39	180.66	37.175		
4,800.00	4,701.13	4,703.13	4,703.13	23.78	162.47	-169.05	-1,217.58	-5,700.43	6,737.28	6,552.76	184.53	36.511		
4,900.00	4,798.77	4,800.77	4,800.77	24.28	165.88	-169.09	-1,217.58	-5,700.43	6,758.52	6,570.12	188.40	35.874		
5,000.00	4,896.40	4,901.60	4,898.40	24.79	169.40	-169.12	-1,217.58	-5,700.43	6,779.76	6,587.38	192.38	35.242		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,003.96	4,996.04	25.30	172.97	-169.16	-1,217.58	-5,700.43	6,801.00	6,604.59	196.41	34.626		
5,200.00	5,091.68	5,106.32	5,093.68	25.80	176.55	-169.19	-1,217.58	-5,700.43	6,822.24	6,621.79	200.45	34.035		
5,300.00	5,189.32	5,208.68	5,191.32	26.31	180.12	-169.23	-1,217.58	-5,700.43	6,843.49	6,639.01	204.48	33.467		
5,400.00	5,286.95	5,288.95	5,288.95	26.81	182.92	-169.26	-1,217.58	-5,700.43	6,864.73	6,656.99	207.75	33.044		
5,500.00	5,384.59	5,386.59	5,386.59	27.32	186.33	-169.29	-1,217.58	-5,700.43	6,885.98	6,674.37	211.62	32.540		
5,600.00	5,482.23	5,484.23	5,484.23	27.82	189.74	-169.33	-1,217.58	-5,700.43	6,907.24	6,691.75	215.49	32.054		
5,700.00	5,579.87	5,581.87	5,581.87	28.33	193.15	-169.36	-1,217.58	-5,700.43	6,928.49	6,709.13	219.36	31.585		
5,800.00	5,677.50	5,679.50	5,679.50	28.84	196.55	-169.39	-1,217.58	-5,700.43	6,949.75	6,726.52	223.23	31.133		
5,900.00	5,775.14	5,777.14	5,777.14	29.34	199.96	-169.43	-1,217.58	-5,700.43	6,971.01	6,743.91	227.10	30.696		
6,000.00	5,872.78	5,874.78	5,874.78	29.85	203.37	-169.46	-1,217.58	-5,700.43	6,992.27	6,761.30	230.97	30.274		
6,100.00	5,970.41	5,972.41	5,972.41	30.36	206.78	-169.49	-1,217.58	-5,700.43	7,013.53	6,778.69	234.84	29.865		
6,200.00	6,068.05	6,070.05	6,070.05	30.86	210.19	-169.52	-1,217.58	-5,700.43	7,034.79	6,796.08	238.71	29.470		
6,300.00	6,165.69	6,167.69	6,167.69	31.37	213.59	-169.55	-1,217.58	-5,700.43	7,056.06	6,813.48	242.58	29.087		
6,400.00	6,263.33	6,265.33	6,265.33	31.88	217.00	-169.59	-1,217.58	-5,700.43	7,077.33	6,830.87	246.46	28.716		
6,500.00	6,360.96	6,362.96	6,362.96	32.38	220.41	-169.62	-1,217.58	-5,700.43	7,098.60	6,848.27	250.33	28.357		
6,600.00	6,458.60	6,460.60	6,460.60	32.89	223.82	-169.65	-1,217.58	-5,700.43	7,119.87	6,865.68	254.20	28.009		
6,628.42	6,486.35	6,488.35	6,488.35	33.04	224.79	-169.66	-1,217.58	-5,700.43	7,125.92	6,870.62	255.30	27.912		
6,650.00	6,507.49	6,509.49	6,509.49	33.14	225.52	-165.25	-1,217.58	-5,700.43	7,130.17	6,874.03	256.14	27.837		
6,700.00	6,556.88	6,558.88	6,558.88	33.37	227.25	-147.40	-1,217.58	-5,700.43	7,137.32	6,879.24	258.08	27.655		
6,750.00	6,606.60	6,608.60	6,608.60	33.58	228.98	-108.74	-1,217.58	-5,700.43	7,140.69	6,880.67	260.02	27.462		
6,800.00	6,656.35	6,658.35	6,658.35	33.76	230.72	-66.49	-1,217.58	-5,700.43	7,140.27	6,878.32	261.95	27.258		
6,850.00	6,705.83	6,707.83	6,707.83	33.94	232.45	-46.09	-1,217.58	-5,700.43	7,136.05	6,872.20	263.85	27.046		
6,900.00	6,754.72	6,756.72	6,756.72	34.12	234.15	-36.83	-1,217.58	-5,700.43	7,128.07	6,862.36	265.71	26.827		
6,950.00	6,802.72	6,804.72	6,804.72	34.31	235.83	-32.02	-1,217.58	-5,700.43	7,116.38	6,848.86	267.52	26.601		
7,000.00	6,849.54	6,851.54	6,851.54	34.50	237.46	-29.30	-1,217.58	-5,700.43	7,101.04	6,831.77	269.27	26.371		
7,050.00	6,894.89	6,903.11	6,896.89	34.71	239.27	-27.76	-1,217.58	-5,700.43	7,082.17	6,811.00	271.17	26.117		
7,100.00	6,938.49	6,940.49	6,940.49	34.93	240.57	-26.98	-1,217.58	-5,700.43	7,059.88	6,787.32	272.56	25.902		
7,150.00	6,980.07	6,982.07	6,982.07	35.17	242.02	-26.76	-1,217.58	-5,700.43	7,034.30	6,760.22	274.08	25.665		
7,200.00	7,019.38	7,021.38	7,021.38	35.43	243.39	-27.02	-1,217.58	-5,700.43	7,005.61	6,730.10	275.51	25.428		
7,250.00	7,056.17	7,058.17	7,058.17	35.71	244.68	-27.71	-1,217.58	-5,700.43	6,973.97	6,697.13	276.84	25.192		
7,300.00	7,090.21	7,107.79	7,092.21	36.03	246.41	-28.86	-1,217.58	-5,700.43	6,939.59	6,660.99	278.60	24.908		
7,350.00	7,121.30	7,123.30	7,123.30	36.37	246.95	-30.51	-1,217.58	-5,700.43	6,902.69	6,623.52	279.17	24.725		
7,400.00	7,149.25	7,151.25	7,151.25	36.75	247.93	-32.77	-1,217.58	-5,700.43	6,863.49	6,583.32	280.17	24.497		
7,450.00	7,173.87	7,175.87	7,175.87	37.17	248.79	-35.79	-1,217.58	-5,700.43	6,822.24	6,541.18	281.05	24.274		
7,500.00	7,195.03	7,202.97	7,197.03	37.62	249.73	-39.82	-1,217.58	-5,700.43	6,779.18	6,497.17	282.02	24.038		
7,550.00	7,212.58	7,214.58	7,214.58	38.11	250.14	-45.18	-1,217.58	-5,700.43	6,734.60	6,452.15	282.45	23.844		
7,600.00	7,226.43	7,228.43	7,228.43	38.64	250.62	-52.36	-1,217.58	-5,700.43	6,688.77	6,405.81	282.96	23.638		
7,650.00	7,236.48	7,238.48	7,238.48	39.20	250.97	-61.88	-1,217.58	-5,700.43	6,641.96	6,358.61	283.35	23.441		
7,700.00	7,242.68	7,244.68	7,244.68	39.79	251.19	-74.10	-1,217.58	-5,700.43	6,594.47	6,310.86	283.61	23.252		
7,753.32	7,245.00	7,247.00	7,247.00	40.44	251.27	-89.65	-1,217.58	-5,700.43	6,543.40	6,259.65	283.75	23.060		
7,800.00	7,245.08	7,247.08	7,247.08	41.04	251.27	-89.66	-1,217.58	-5,700.43	6,498.62	6,214.80	283.82	22.897		
7,900.00	7,245.26	7,247.26	7,247.26	42.43	251.28	-89.66	-1,217.58	-5,700.43	6,402.77	6,118.79	283.98	22.547		
8,000.00	7,245.43	7,247.43	7,247.43	43.97	251.28	-89.67	-1,217.58	-5,700.43	6,307.05	6,022.88	284.17	22.195		
8,100.00	7,245.61	7,247.61	7,247.61	45.64	251.29	-89.67	-1,217.58	-5,700.43	6,211.47	5,927.07	284.40	21.841		
8,200.00	7,245.79	7,247.79	7,247.79	47.42	251.30	-89.68	-1,217.58	-5,700.43	6,116.03	5,831.37	284.66	21.486		
8,300.00	7,245.97	7,247.97	7,247.97	49.30	251.30	-89.68	-1,217.58	-5,700.43	6,020.73	5,735.78	284.95	21.129		
8,400.00	7,246.14	7,248.14	7,248.14	51.28	251.31	-89.69	-1,217.58	-5,700.43	5,925.59	5,640.30	285.29	20.770		
8,500.00	7,246.32	7,248.32	7,248.32	53.34	251.32	-89.69	-1,217.58	-5,700.43	5,830.61	5,544.94	285.67	20.410		
8,600.00	7,246.50	7,248.50	7,248.50	55.46	251.32	-89.70	-1,217.58	-5,700.43	5,735.81	5,449.71	286.09	20.049		
8,700.00	7,246.67	7,248.67	7,248.67	57.66	251.33	-89.71	-1,217.58	-5,700.43	5,641.18	5,354.61	286.56	19.686		
8,800.00	7,246.85	7,248.85	7,248.85	59.90	251.33	-89.71	-1,217.58	-5,700.43	5,546.74	5,259.65	287.09	19.321		
8,900.00	7,247.03	7,249.03	7,249.03	62.20	251.34	-89.72	-1,217.58	-5,700.43	5,452.50	5,164.84	287.66	18.955		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,249.21	7,249.21	64.55	251.35	-89.72	-1,217.58	-5,700.43	5,358.47	5,070.18	288.29	18.587		
9,100.00	7,247.38	7,249.38	7,249.38	66.93	251.35	-89.73	-1,217.58	-5,700.43	5,264.66	4,975.68	288.97	18.219		
9,200.00	7,247.56	7,249.56	7,249.56	69.35	251.36	-89.73	-1,217.58	-5,700.43	5,171.08	4,881.36	289.72	17.849		
9,300.00	7,247.74	7,249.74	7,249.74	71.80	251.36	-89.74	-1,217.58	-5,700.43	5,077.74	4,787.21	290.53	17.478		
9,400.00	7,247.91	7,249.91	7,249.91	74.29	251.37	-89.74	-1,217.58	-5,700.43	4,984.66	4,693.26	291.41	17.106		
9,500.00	7,248.09	7,250.09	7,250.09	76.79	251.38	-89.75	-1,217.58	-5,700.43	4,891.86	4,599.51	292.35	16.733		
9,600.00	7,248.27	7,250.27	7,250.27	79.33	251.38	-89.76	-1,217.58	-5,700.43	4,799.35	4,505.98	293.37	16.359		
9,700.00	7,248.45	7,250.45	7,250.45	81.88	251.39	-89.76	-1,217.58	-5,700.43	4,707.14	4,412.67	294.47	15.985		
9,800.00	7,248.62	7,250.62	7,250.62	84.45	251.40	-89.77	-1,217.58	-5,700.43	4,615.25	4,319.61	295.64	15.611		
9,900.00	7,248.80	7,250.80	7,250.80	87.04	251.40	-89.77	-1,217.58	-5,700.43	4,523.71	4,226.82	296.90	15.237		
10,000.00	7,248.98	7,250.98	7,250.98	89.65	251.41	-89.78	-1,217.58	-5,700.43	4,432.54	4,134.30	298.24	14.862		
10,100.00	7,249.15	7,251.15	7,251.15	92.28	251.41	-89.78	-1,217.58	-5,700.43	4,341.76	4,042.08	299.67	14.488		
10,200.00	7,249.33	7,251.33	7,251.33	94.91	251.42	-89.79	-1,217.58	-5,700.43	4,251.38	3,950.18	301.20	14.115		
10,300.00	7,249.51	7,251.51	7,251.51	97.56	251.43	-89.79	-1,217.58	-5,700.43	4,161.45	3,858.63	302.83	13.742		
10,400.00	7,249.69	7,251.69	7,251.69	100.22	251.43	-89.80	-1,217.58	-5,700.43	4,071.99	3,767.44	304.56	13.370		
10,500.00	7,249.86	7,251.86	7,251.86	102.89	251.44	-89.81	-1,217.58	-5,700.43	3,983.03	3,676.64	306.39	13.000		
10,600.00	7,250.04	7,252.04	7,252.04	105.57	251.45	-89.81	-1,217.58	-5,700.43	3,894.61	3,586.27	308.34	12.631		
10,700.00	7,250.22	7,252.22	7,252.22	108.27	251.45	-89.82	-1,217.58	-5,700.43	3,806.76	3,496.35	310.40	12.264		
10,800.00	7,250.39	7,252.39	7,252.39	110.96	251.46	-89.82	-1,217.58	-5,700.43	3,719.52	3,406.93	312.59	11.899		
10,900.00	7,250.57	7,252.57	7,252.57	113.67	251.46	-89.83	-1,217.58	-5,700.43	3,632.94	3,318.03	314.91	11.537		
11,000.00	7,250.75	7,252.75	7,252.75	116.39	251.47	-89.83	-1,217.58	-5,700.43	3,547.06	3,229.71	317.36	11.177		
11,100.00	7,250.93	7,252.93	7,252.93	119.11	251.48	-89.84	-1,217.58	-5,700.43	3,461.95	3,142.00	319.95	10.820		
11,200.00	7,251.10	7,253.10	7,253.10	121.83	251.48	-89.84	-1,217.58	-5,700.43	3,377.65	3,054.97	322.68	10.467		
11,300.00	7,251.28	7,253.28	7,253.28	124.57	251.49	-89.85	-1,217.58	-5,700.43	3,294.23	2,968.66	325.57	10.118		
11,400.00	7,251.46	7,253.46	7,253.46	127.31	251.49	-89.85	-1,217.58	-5,700.43	3,211.75	2,883.14	328.61	9.774		
11,500.00	7,251.63	7,253.63	7,253.63	130.05	251.50	-89.86	-1,217.58	-5,700.43	3,130.30	2,798.47	331.83	9.434		
11,600.00	7,251.81	7,253.81	7,253.81	132.80	251.51	-89.87	-1,217.58	-5,700.43	3,049.95	2,714.74	335.21	9.099		
11,700.00	7,251.99	7,253.99	7,253.99	135.55	251.51	-89.87	-1,217.58	-5,700.43	2,970.80	2,632.03	338.77	8.769		
11,800.00	7,252.17	7,254.17	7,254.17	138.31	251.52	-89.88	-1,217.58	-5,700.43	2,892.93	2,550.42	342.51	8.446		
11,900.00	7,252.34	7,254.34	7,254.34	141.07	251.53	-89.88	-1,217.58	-5,700.43	2,816.46	2,470.02	346.45	8.130		
12,000.00	7,252.52	7,254.52	7,254.52	143.84	251.53	-89.89	-1,217.58	-5,700.43	2,741.51	2,390.94	350.57	7.820		
12,100.00	7,252.70	7,254.70	7,254.70	146.61	251.54	-89.89	-1,217.58	-5,700.43	2,668.21	2,313.31	354.89	7.518		
12,200.00	7,252.87	7,254.87	7,254.87	149.38	251.54	-89.90	-1,217.58	-5,700.43	2,596.68	2,237.27	359.41	7.225		
12,300.00	7,253.05	7,255.05	7,255.05	152.16	251.55	-89.90	-1,217.58	-5,700.43	2,527.09	2,162.96	364.13	6.940		
12,400.00	7,253.23	7,255.23	7,255.23	154.94	251.56	-89.91	-1,217.58	-5,700.43	2,459.59	2,090.55	369.04	6.665		
12,500.00	7,253.41	7,255.41	7,255.41	157.72	251.56	-89.92	-1,217.58	-5,700.43	2,394.37	2,020.24	374.13	6.400		
12,600.00	7,253.58	7,255.58	7,255.58	160.51	251.57	-89.92	-1,217.58	-5,700.43	2,331.62	1,952.21	379.40	6.146		
12,700.00	7,253.76	7,255.76	7,255.76	163.29	251.57	-89.93	-1,217.58	-5,700.43	2,271.53	1,886.70	384.83	5.903		
12,800.00	7,253.94	7,255.94	7,255.94	166.08	251.58	-89.93	-1,217.58	-5,700.43	2,214.33	1,823.93	390.40	5.672		
12,900.00	7,254.11	7,256.11	7,256.11	168.88	251.59	-89.94	-1,217.58	-5,700.43	2,160.25	1,764.18	396.08	5.454		
13,000.00	7,254.29	7,256.29	7,256.29	171.67	251.59	-89.94	-1,217.58	-5,700.43	2,109.53	1,707.70	401.83	5.250		
13,100.00	7,254.47	7,256.47	7,256.47	174.47	251.60	-89.95	-1,217.58	-5,700.43	2,062.41	1,654.79	407.62	5.060		
13,200.00	7,254.65	7,256.65	7,256.65	177.27	251.61	-89.95	-1,217.58	-5,700.43	2,019.15	1,605.75	413.40	4.884		
13,300.00	7,254.82	7,256.82	7,256.82	180.07	251.61	-89.96	-1,217.58	-5,700.43	1,980.00	1,560.90	419.10	4.724		
13,400.00	7,255.00	7,257.00	7,257.00	182.87	251.62	-89.97	-1,217.58	-5,700.43	1,945.20	1,520.54	424.66	4.581		
13,500.00	7,255.18	7,257.18	7,257.18	185.67	251.62	-89.97	-1,217.58	-5,700.43	1,915.00	1,484.98	430.02	4.453		
13,600.00	7,255.35	7,257.35	7,257.35	188.48	251.63	-89.98	-1,217.58	-5,700.43	1,889.62	1,454.51	435.10	4.343		
13,700.00	7,255.53	7,257.53	7,257.53	191.29	251.64	-89.98	-1,217.58	-5,700.43	1,869.25	1,429.40	439.84	4.250		
13,800.00	7,255.71	7,257.71	7,257.71	194.10	251.64	-89.99	-1,217.58	-5,700.43	1,854.05	1,409.89	444.16	4.174		
13,900.00	7,255.89	7,257.89	7,257.89	196.91	251.65	-89.99	-1,217.58	-5,700.43	1,844.16	1,396.15	448.01	4.116		
14,000.00	7,256.06	7,258.06	7,258.06	199.72	251.66	-90.00	-1,217.58	-5,700.43	1,839.66	1,388.33	451.33	4.076		
14,032.89	7,256.12	7,258.12	7,258.12	200.65	251.66	-90.00	-1,217.58	-5,700.43	1,839.36	1,387.06	452.30	4.067	CC	

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,258.24	7,258.24	202.53	251.66	-90.00	-1,217.58	-5,700.43	1,840.59	1,386.50	454.09	4.053 ES		
14,200.00	7,256.42	7,258.42	7,258.42	205.35	251.67	-90.01	-1,217.58	-5,700.43	1,846.94	1,390.68	456.26	4.048 SF		
14,300.00	7,256.59	7,258.59	7,258.59	208.16	251.67	-90.01	-1,217.58	-5,700.43	1,858.66	1,400.83	457.83	4.060		
14,400.00	7,256.77	7,258.77	7,258.77	210.98	251.68	-90.02	-1,217.58	-5,700.43	1,875.64	1,416.82	458.82	4.088		
14,500.00	7,256.95	7,258.95	7,258.95	213.80	251.69	-90.03	-1,217.58	-5,700.43	1,897.75	1,438.50	459.25	4.132		
14,600.00	7,257.13	7,259.13	7,259.13	216.62	251.69	-90.03	-1,217.58	-5,700.43	1,924.81	1,465.66	459.14	4.192		
14,700.00	7,257.30	7,259.30	7,259.30	219.44	251.70	-90.04	-1,217.58	-5,700.43	1,956.60	1,498.05	458.55	4.267		
14,800.00	7,257.48	7,259.48	7,259.48	222.26	251.70	-90.04	-1,217.58	-5,700.43	1,992.92	1,535.39	457.53	4.356		
14,900.00	7,257.66	7,259.66	7,259.66	225.08	251.71	-90.05	-1,217.58	-5,700.43	2,033.50	1,577.38	456.13	4.458		
15,000.00	7,257.83	7,259.83	7,259.83	227.91	251.72	-90.05	-1,217.58	-5,700.43	2,078.11	1,623.72	454.40	4.573		
15,100.00	7,258.01	7,260.01	7,260.01	230.73	251.72	-90.06	-1,217.58	-5,700.43	2,126.50	1,674.10	452.40	4.700		
15,200.00	7,258.19	7,260.19	7,260.19	233.56	251.73	-90.06	-1,217.58	-5,700.43	2,178.39	1,728.22	450.18	4.839		
15,300.00	7,258.37	7,260.37	7,260.37	236.38	251.74	-90.07	-1,217.58	-5,700.43	2,233.57	1,785.78	447.79	4.988		
15,400.00	7,258.54	7,260.54	7,260.54	239.21	251.74	-90.08	-1,217.58	-5,700.43	2,291.78	1,846.52	445.26	5.147		
15,500.00	7,258.72	7,260.72	7,260.72	242.04	251.75	-90.08	-1,217.58	-5,700.43	2,352.80	1,910.15	442.65	5.315		
15,600.00	7,258.90	7,260.90	7,260.90	244.87	251.75	-90.09	-1,217.58	-5,700.43	2,416.42	1,976.45	439.97	5.492		
15,700.00	7,259.08	7,261.08	7,261.08	247.70	251.76	-90.09	-1,217.58	-5,700.43	2,482.44	2,045.18	437.26	5.677		
15,800.00	7,259.25	7,261.25	7,261.25	250.53	251.77	-90.10	-1,217.58	-5,700.43	2,550.67	2,116.13	434.54	5.870		
15,900.00	7,259.43	7,261.43	7,261.43	253.36	251.77	-90.10	-1,217.58	-5,700.43	2,620.94	2,189.11	431.83	6.069		
16,000.00	7,259.61	7,261.61	7,261.61	256.19	251.78	-90.11	-1,217.58	-5,700.43	2,693.10	2,263.95	429.15	6.275		
16,100.00	7,259.78	7,261.78	7,261.78	259.02	251.79	-90.11	-1,217.58	-5,700.43	2,766.98	2,340.48	426.50	6.488		
16,200.00	7,259.96	7,261.96	7,261.96	261.85	251.79	-90.12	-1,217.58	-5,700.43	2,842.47	2,418.56	423.91	6.705		
16,300.00	7,260.14	7,262.14	7,262.14	264.68	251.80	-90.13	-1,217.58	-5,700.43	2,919.42	2,498.05	421.37	6.928		
16,400.00	7,260.32	7,262.32	7,262.32	267.52	251.80	-90.13	-1,217.58	-5,700.43	2,997.74	2,578.85	418.89	7.156		
16,500.00	7,260.49	7,262.49	7,262.49	270.35	251.81	-90.14	-1,217.58	-5,700.43	3,077.32	2,660.83	416.48	7.389		
16,600.00	7,260.67	7,262.67	7,262.67	273.19	251.82	-90.14	-1,217.58	-5,700.43	3,158.05	2,743.91	414.14	7.626		
16,700.00	7,260.85	7,262.85	7,262.85	276.02	251.82	-90.15	-1,217.58	-5,700.43	3,239.86	2,828.00	411.86	7.866		
16,800.00	7,261.02	7,263.02	7,263.02	278.86	251.83	-90.15	-1,217.58	-5,700.43	3,322.67	2,913.01	409.66	8.111		
16,900.00	7,261.20	7,263.20	7,263.20	281.69	251.83	-90.16	-1,217.58	-5,700.43	3,406.40	2,998.87	407.53	8.359		
17,000.00	7,261.38	7,263.38	7,263.38	284.53	251.84	-90.16	-1,217.58	-5,700.43	3,490.98	3,085.51	405.47	8.610		
17,100.00	7,261.56	7,263.56	7,263.56	287.37	251.85	-90.17	-1,217.58	-5,700.43	3,576.37	3,172.89	403.48	8.864		
17,200.00	7,261.73	7,263.73	7,263.73	290.21	251.85	-90.17	-1,217.58	-5,700.43	3,662.49	3,260.93	401.56	9.121		
17,300.00	7,261.91	7,263.91	7,263.91	293.04	251.86	-90.18	-1,217.58	-5,700.43	3,749.30	3,349.60	399.70	9.380		
17,400.00	7,262.09	7,264.09	7,264.09	295.88	251.87	-90.19	-1,217.58	-5,700.43	3,836.75	3,438.84	397.91	9.642		
17,500.00	7,262.26	7,264.26	7,264.26	298.72	251.87	-90.19	-1,217.58	-5,700.43	3,924.80	3,528.62	396.18	9.907		
17,600.00	7,262.44	7,264.44	7,264.44	301.56	251.88	-90.20	-1,217.58	-5,700.43	4,013.41	3,618.90	394.51	10.173		
17,700.00	7,262.62	7,264.62	7,264.62	304.40	251.88	-90.20	-1,217.58	-5,700.43	4,102.55	3,709.65	392.90	10.442		
17,800.00	7,262.80	7,264.80	7,264.80	307.24	251.89	-90.21	-1,217.58	-5,700.43	4,192.17	3,800.82	391.35	10.712		
17,900.00	7,262.97	7,264.97	7,264.97	310.08	251.90	-90.21	-1,217.58	-5,700.43	4,282.26	3,892.41	389.85	10.984		
18,000.00	7,263.15	7,265.15	7,265.15	312.92	251.90	-90.22	-1,217.58	-5,700.43	4,372.78	3,984.37	388.41	11.258		
18,100.00	7,263.33	7,265.33	7,265.33	315.76	251.91	-90.22	-1,217.58	-5,700.43	4,463.70	4,076.68	387.01	11.534		
18,200.00	7,263.50	7,265.50	7,265.50	318.61	251.92	-90.23	-1,217.58	-5,700.43	4,555.00	4,169.33	385.67	11.811		
18,300.00	7,263.68	7,265.68	7,265.68	321.45	251.92	-90.24	-1,217.58	-5,700.43	4,646.66	4,262.29	384.37	12.089		
18,400.00	7,263.86	7,265.86	7,265.86	324.29	251.93	-90.24	-1,217.58	-5,700.43	4,738.65	4,355.54	383.12	12.369		
18,500.00	7,264.04	7,266.04	7,266.04	327.13	251.93	-90.25	-1,217.58	-5,700.43	4,830.97	4,449.06	381.91	12.650		
18,600.00	7,264.21	7,266.21	7,266.21	329.97	251.94	-90.25	-1,217.58	-5,700.43	4,923.58	4,542.85	380.74	12.932		
18,700.00	7,264.39	7,266.39	7,266.39	332.82	251.95	-90.26	-1,217.58	-5,700.43	5,016.48	4,636.87	379.61	13.215		
18,800.00	7,264.57	7,266.57	7,266.57	335.66	251.95	-90.26	-1,217.58	-5,700.43	5,109.65	4,731.13	378.52	13.499		
18,900.00	7,264.74	7,266.74	7,266.74	338.51	251.96	-90.27	-1,217.58	-5,700.43	5,203.07	4,825.61	377.46	13.784		
19,000.00	7,264.92	7,266.92	7,266.92	341.35	251.96	-90.27	-1,217.58	-5,700.43	5,296.73	4,920.29	376.45	14.070		
19,044.52	7,265.00	7,267.00	7,267.00	342.62	251.97	-90.28	-1,217.58	-5,700.43	5,338.50	4,962.50	376.00	14.198		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	40.00	40.00	3.28	3.35	-78.70	1,411.97	-7,067.43	7,207.09					
100.00	100.00	140.00	140.00	3.28	4.54	-78.70	1,411.97	-7,067.43	7,207.09	7,199.27	7.83	920.832		
200.00	200.00	240.00	240.00	3.34	7.40	-78.70	1,411.97	-7,067.43	7,207.09	7,196.36	10.74	671.263		
300.00	299.98	339.98	339.98	3.44	10.64	-144.25	1,411.97	-7,067.43	7,208.51	7,194.42	14.08	511.787		
400.00	399.84	439.84	439.84	3.60	14.00	-144.23	1,411.97	-7,067.43	7,212.76	7,195.16	17.60	409.805		
500.00	499.45	539.45	539.45	3.81	17.40	-144.19	1,411.97	-7,067.43	7,219.84	7,198.63	21.20	340.484		
600.00	598.70	638.70	638.70	4.06	20.81	-144.13	1,411.97	-7,067.43	7,229.74	7,204.88	24.86	290.788		
700.00	697.47	737.47	737.47	4.34	24.22	-144.05	1,411.97	-7,067.43	7,242.46	7,213.91	28.55	253.640		
800.00	795.62	835.62	835.62	4.66	27.62	-143.95	1,411.97	-7,067.43	7,258.00	7,225.73	32.27	224.948		
824.00	819.08	859.08	859.08	4.75	28.43	-143.92	1,411.97	-7,067.43	7,262.14	7,228.98	33.16	219.000		
900.00	893.28	933.28	933.28	5.02	31.01	-144.00	1,411.97	-7,067.43	7,275.53	7,239.54	35.99	202.155		
1,000.00	990.92	1,030.92	1,030.92	5.40	34.40	-144.10	1,411.97	-7,067.43	7,293.17	7,253.43	39.73	183.547		
1,100.00	1,088.56	1,128.56	1,128.56	5.80	37.80	-144.20	1,411.97	-7,067.43	7,310.83	7,267.33	43.50	168.064		
1,200.00	1,186.19	1,226.19	1,226.19	6.21	41.19	-144.30	1,411.97	-7,067.43	7,328.51	7,281.22	47.28	154.993		
1,300.00	1,283.83	1,323.83	1,323.83	6.64	44.59	-144.39	1,411.97	-7,067.43	7,346.21	7,295.13	51.08	143.820		
1,400.00	1,381.47	1,421.47	1,421.47	7.08	47.99	-144.49	1,411.97	-7,067.43	7,363.93	7,309.04	54.89	134.166		
1,500.00	1,479.10	1,519.10	1,519.10	7.53	51.39	-144.59	1,411.97	-7,067.43	7,381.67	7,322.96	58.70	125.744		
1,600.00	1,576.74	1,616.74	1,616.74	7.99	54.79	-144.68	1,411.97	-7,067.43	7,399.43	7,336.90	62.53	118.337		
1,700.00	1,674.38	1,714.38	1,714.38	8.45	58.20	-144.78	1,411.97	-7,067.43	7,417.21	7,350.85	66.36	111.772		
1,800.00	1,772.02	1,812.02	1,812.02	8.92	61.60	-144.87	1,411.97	-7,067.43	7,435.01	7,364.82	70.20	105.917		
1,900.00	1,869.65	1,909.65	1,909.65	9.39	65.00	-144.97	1,411.97	-7,067.43	7,452.84	7,378.80	74.04	100.662		
2,000.00	1,967.29	2,007.29	2,007.29	9.87	68.41	-145.06	1,411.97	-7,067.43	7,470.68	7,392.80	77.88	95.921		
2,100.00	2,064.93	2,104.93	2,104.93	10.35	71.81	-145.16	1,411.97	-7,067.43	7,488.54	7,406.81	81.73	91.622		
2,200.00	2,162.56	2,202.56	2,202.56	10.83	75.22	-145.25	1,411.97	-7,067.43	7,506.42	7,420.84	85.59	87.707		
2,300.00	2,260.20	2,300.20	2,300.20	11.32	78.62	-145.34	1,411.97	-7,067.43	7,524.33	7,434.89	89.44	84.127		
2,400.00	2,357.84	2,402.16	2,397.84	11.80	82.18	-145.44	1,411.97	-7,067.43	7,542.25	7,448.80	93.45	80.711		
2,500.00	2,455.48	2,504.52	2,495.48	12.29	85.75	-145.53	1,411.97	-7,067.43	7,560.19	7,462.72	97.47	77.563		
2,600.00	2,553.11	2,606.89	2,593.11	12.78	89.32	-145.62	1,411.97	-7,067.43	7,578.15	7,476.65	101.50	74.664		
2,700.00	2,650.75	2,709.25	2,690.75	13.27	92.89	-145.71	1,411.97	-7,067.43	7,596.13	7,490.60	105.52	71.985		
2,800.00	2,748.39	2,788.39	2,788.39	13.77	95.65	-145.80	1,411.97	-7,067.43	7,614.12	7,505.38	109.74	70.020		
2,900.00	2,846.02	2,886.02	2,886.02	14.26	99.06	-145.89	1,411.97	-7,067.43	7,632.14	7,519.53	112.61	67.777		
3,000.00	2,943.66	2,983.66	2,983.66	14.76	102.47	-145.98	1,411.97	-7,067.43	7,650.17	7,533.70	116.47	65.682		
3,100.00	3,041.30	3,081.30	3,081.30	15.25	105.87	-146.07	1,411.97	-7,067.43	7,668.23	7,547.89	120.34	63.721		
3,200.00	3,138.94	3,178.94	3,178.94	15.75	109.28	-146.16	1,411.97	-7,067.43	7,686.30	7,562.09	124.21	61.882		
3,300.00	3,236.57	3,276.57	3,276.57	16.25	112.69	-146.25	1,411.97	-7,067.43	7,704.39	7,576.31	128.08	60.154		
3,400.00	3,334.21	3,374.21	3,374.21	16.75	116.09	-146.34	1,411.97	-7,067.43	7,722.50	7,590.55	131.95	58.527		
3,500.00	3,431.85	3,471.85	3,471.85	17.25	119.50	-146.43	1,411.97	-7,067.43	7,740.62	7,604.81	135.82	56.993		
3,600.00	3,529.48	3,569.48	3,569.48	17.75	122.91	-146.52	1,411.97	-7,067.43	7,758.77	7,619.08	139.69	55.544		
3,700.00	3,627.12	3,667.12	3,667.12	18.25	126.32	-146.60	1,411.97	-7,067.43	7,776.93	7,633.37	143.56	54.172		
3,800.00	3,724.76	3,764.76	3,764.76	18.75	129.72	-146.69	1,411.97	-7,067.43	7,795.11	7,647.68	147.43	52.873		
3,900.00	3,822.40	3,862.40	3,862.40	19.25	133.13	-146.78	1,411.97	-7,067.43	7,813.31	7,662.00	151.30	51.640		
4,000.00	3,920.03	3,960.03	3,960.03	19.75	136.54	-146.86	1,411.97	-7,067.43	7,831.52	7,676.34	155.18	50.469		
4,100.00	4,017.67	4,057.67	4,057.67	20.25	139.95	-146.95	1,411.97	-7,067.43	7,849.75	7,690.70	159.05	49.354		
4,200.00	4,115.31	4,155.31	4,155.31	20.76	143.35	-147.03	1,411.97	-7,067.43	7,868.00	7,705.08	162.92	48.293		
4,300.00	4,212.94	4,252.94	4,252.94	21.26	146.76	-147.12	1,411.97	-7,067.43	7,886.26	7,719.47	166.80	47.281		
4,400.00	4,310.58	4,350.58	4,350.58	21.76	150.17	-147.20	1,411.97	-7,067.43	7,904.55	7,733.88	170.67	46.315		
4,500.00	4,408.22	4,448.22	4,448.22	22.27	153.58	-147.29	1,411.97	-7,067.43	7,922.85	7,748.30	174.54	45.392		
4,600.00	4,505.86	4,545.86	4,545.86	22.77	156.98	-147.37	1,411.97	-7,067.43	7,941.16	7,762.74	178.42	44.509		
4,700.00	4,603.49	4,643.49	4,643.49	23.28	160.39	-147.45	1,411.97	-7,067.43	7,959.49	7,777.20	182.29	43.663		
4,800.00	4,701.13	4,741.13	4,741.13	23.78	163.80	-147.54	1,411.97	-7,067.43	7,977.84	7,791.67	186.17	42.853		
4,900.00	4,798.77	4,838.77	4,838.77	24.28	167.21	-147.62	1,411.97	-7,067.43	7,996.21	7,806.16	190.04	42.076		
5,000.00	4,896.40	4,936.40	4,936.40	24.79	170.62	-147.70	1,411.97	-7,067.43	8,014.59	7,820.67	193.92	41.330		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,034.04	5,034.04	25.30	174.02	-147.78	1,411.97	-7,067.43	8,032.99	7,835.19	197.79	40.613		
5,200.00	5,091.68	5,131.68	5,131.68	25.80	177.43	-147.86	1,411.97	-7,067.43	8,051.40	7,849.73	201.67	39.924		
5,300.00	5,189.32	5,229.32	5,229.32	26.31	180.84	-147.94	1,411.97	-7,067.43	8,069.83	7,864.28	205.55	39.261		
5,400.00	5,286.95	5,326.95	5,326.95	26.81	184.25	-148.03	1,411.97	-7,067.43	8,088.27	7,878.85	209.42	38.622		
5,500.00	5,384.59	5,424.59	5,424.59	27.32	187.66	-148.11	1,411.97	-7,067.43	8,106.73	7,893.44	213.30	38.007		
5,600.00	5,482.23	5,522.23	5,522.23	27.82	191.06	-148.19	1,411.97	-7,067.43	8,125.21	7,908.03	217.17	37.413		
5,700.00	5,579.87	5,619.87	5,619.87	28.33	194.47	-148.27	1,411.97	-7,067.43	8,143.70	7,922.65	221.05	36.841		
5,800.00	5,677.50	5,717.50	5,717.50	28.84	197.88	-148.34	1,411.97	-7,067.43	8,162.21	7,937.28	224.93	36.288		
5,900.00	5,775.14	5,815.14	5,815.14	29.34	201.29	-148.42	1,411.97	-7,067.43	8,180.73	7,951.93	228.80	35.755		
6,000.00	5,872.78	5,912.78	5,912.78	29.85	204.70	-148.50	1,411.97	-7,067.43	8,199.27	7,966.59	232.68	35.238		
6,100.00	5,970.41	6,010.41	6,010.41	30.36	208.10	-148.58	1,411.97	-7,067.43	8,217.82	7,981.26	236.56	34.739		
6,200.00	6,068.05	6,108.05	6,108.05	30.86	211.51	-148.66	1,411.97	-7,067.43	8,236.38	7,995.95	240.43	34.257		
6,300.00	6,165.69	6,205.69	6,205.69	31.37	214.92	-148.74	1,411.97	-7,067.43	8,254.97	8,010.66	244.31	33.789		
6,400.00	6,263.33	6,303.33	6,303.33	31.88	218.33	-148.81	1,411.97	-7,067.43	8,273.56	8,025.38	248.19	33.336		
6,500.00	6,360.96	6,400.96	6,400.96	32.38	221.74	-148.89	1,411.97	-7,067.43	8,292.17	8,040.11	252.06	32.897		
6,600.00	6,458.60	6,501.40	6,498.60	32.89	225.24	-148.97	1,411.97	-7,067.43	8,310.80	8,054.76	256.04	32.459		
6,628.42	6,486.35	6,526.35	6,526.35	33.04	226.11	-148.99	1,411.97	-7,067.43	8,316.09	8,059.05	257.04	32.353		
6,650.00	6,507.49	6,547.49	6,547.49	33.14	226.85	-144.73	1,411.97	-7,067.43	8,319.76	8,061.88	257.88	32.262		
6,700.00	6,556.88	6,603.12	6,596.88	33.37	228.79	-127.10	1,411.97	-7,067.43	8,325.48	8,065.44	260.04	32.016		
6,750.00	6,606.60	6,646.60	6,646.60	33.58	230.31	-88.54	1,411.97	-7,067.43	8,327.32	8,065.55	261.77	31.812		
6,800.00	6,656.35	6,703.65	6,696.35	33.76	232.30	-46.25	1,411.97	-7,067.43	8,325.25	8,061.30	263.95	31.542		
6,850.00	6,705.83	6,745.83	6,745.83	33.94	233.77	-25.68	1,411.97	-7,067.43	8,319.29	8,053.71	265.58	31.325		
6,900.00	6,754.72	6,805.28	6,794.72	34.12	235.85	-16.12	1,411.97	-7,067.43	8,309.48	8,041.67	267.81	31.028		
6,950.00	6,802.72	6,842.72	6,842.72	34.31	237.16	-10.85	1,411.97	-7,067.43	8,295.87	8,026.63	269.24	30.812		
7,000.00	6,849.54	6,889.54	6,889.54	34.50	238.79	-7.52	1,411.97	-7,067.43	8,278.55	8,007.56	270.99	30.549		
7,050.00	6,894.89	6,934.89	6,934.89	34.71	240.37	-5.18	1,411.97	-7,067.43	8,257.63	7,984.96	272.67	30.284		
7,100.00	6,938.49	6,978.49	6,978.49	34.93	241.90	-3.40	1,411.97	-7,067.43	8,233.23	7,958.96	274.27	30.018		
7,150.00	6,980.07	7,020.07	7,020.07	35.17	243.35	-1.94	1,411.97	-7,067.43	8,205.51	7,929.72	275.79	29.753		
7,200.00	7,019.38	7,059.38	7,059.38	35.43	244.72	-0.65	1,411.97	-7,067.43	8,174.63	7,897.42	277.21	29.488		
7,250.00	7,056.17	7,103.83	7,096.17	35.71	246.27	0.57	1,411.97	-7,067.43	8,140.79	7,861.99	278.80	29.199		
7,300.00	7,090.21	7,130.21	7,130.21	36.03	247.19	1.80	1,411.97	-7,067.43	8,104.19	7,824.44	279.75	28.969		
7,350.00	7,121.30	7,161.30	7,161.30	36.37	248.28	3.13	1,411.97	-7,067.43	8,065.07	7,784.21	280.85	28.716		
7,400.00	7,149.25	7,189.25	7,189.25	36.75	249.25	4.67	1,411.97	-7,067.43	8,023.65	7,741.81	281.84	28.469		
7,450.00	7,173.87	7,213.87	7,213.87	37.17	250.11	6.57	1,411.97	-7,067.43	7,980.20	7,697.50	282.70	28.229		
7,500.00	7,195.03	7,235.03	7,235.03	37.62	250.85	9.07	1,411.97	-7,067.43	7,934.98	7,651.55	283.44	27.996		
7,550.00	7,212.58	7,252.58	7,252.58	38.11	251.46	12.64	1,411.97	-7,067.43	7,888.28	7,604.24	284.04	27.771		
7,600.00	7,226.43	7,266.43	7,266.43	38.64	251.95	18.22	1,411.97	-7,067.43	7,840.38	7,555.86	284.52	27.556		
7,650.00	7,236.48	7,276.48	7,276.48	39.20	252.30	28.09	1,411.97	-7,067.43	7,791.59	7,506.72	284.87	27.351		
7,700.00	7,242.68	7,282.68	7,282.68	39.79	252.51	48.08	1,411.97	-7,067.43	7,742.19	7,457.10	285.09	27.157		
7,753.32	7,245.00	7,285.00	7,285.00	40.44	252.60	89.02	1,411.97	-7,067.43	7,689.19	7,404.01	285.18	26.963		
7,800.00	7,245.08	7,285.08	7,285.08	41.04	252.60	89.02	1,411.97	-7,067.43	7,642.76	7,357.57	285.19	26.799		
7,900.00	7,245.26	7,285.26	7,285.26	42.43	252.60	89.04	1,411.97	-7,067.43	7,543.30	7,258.08	285.23	26.447		
8,000.00	7,245.43	7,285.43	7,285.43	43.97	252.61	89.05	1,411.97	-7,067.43	7,443.86	7,158.59	285.27	26.094		
8,100.00	7,245.61	7,285.61	7,285.61	45.64	252.62	89.06	1,411.97	-7,067.43	7,344.43	7,059.12	285.31	25.742		
8,200.00	7,245.79	7,285.79	7,285.79	47.42	252.62	89.07	1,411.97	-7,067.43	7,245.02	6,959.65	285.36	25.389		
8,300.00	7,245.97	7,285.97	7,285.97	49.30	252.63	89.09	1,411.97	-7,067.43	7,145.62	6,860.20	285.42	25.036		
8,400.00	7,246.14	7,286.14	7,286.14	51.28	252.64	89.10	1,411.97	-7,067.43	7,046.24	6,760.76	285.48	24.682		
8,500.00	7,246.32	7,286.32	7,286.32	53.34	252.64	89.11	1,411.97	-7,067.43	6,946.88	6,661.33	285.55	24.328		
8,600.00	7,246.50	7,286.50	7,286.50	55.46	252.65	89.13	1,411.97	-7,067.43	6,847.54	6,561.91	285.63	23.973		
8,700.00	7,246.67	7,286.67	7,286.67	57.66	252.65	89.14	1,411.97	-7,067.43	6,748.21	6,462.50	285.72	23.619		
8,800.00	7,246.85	7,286.85	7,286.85	59.90	252.66	89.15	1,411.97	-7,067.43	6,648.91	6,363.10	285.81	23.263		
8,900.00	7,247.03	7,287.03	7,287.03	62.20	252.67	89.16	1,411.97	-7,067.43	6,549.63	6,263.71	285.91	22.908		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,287.21	7,287.21	64.55	252.67	89.18	1,411.97	-7,067.43	6,450.37	6,164.34	286.02	22.552		
9,100.00	7,247.38	7,287.38	7,287.38	66.93	252.68	89.19	1,411.97	-7,067.43	6,351.13	6,064.98	286.15	22.195		
9,200.00	7,247.56	7,287.56	7,287.56	69.35	252.68	89.20	1,411.97	-7,067.43	6,251.92	5,965.64	286.28	21.839		
9,300.00	7,247.74	7,287.74	7,287.74	71.80	252.69	89.22	1,411.97	-7,067.43	6,152.73	5,866.31	286.42	21.481		
9,400.00	7,247.91	7,287.91	7,287.91	74.29	252.70	89.23	1,411.97	-7,067.43	6,053.57	5,766.99	286.58	21.124		
9,500.00	7,248.09	7,288.09	7,288.09	76.79	252.70	89.24	1,411.97	-7,067.43	5,954.44	5,667.69	286.74	20.766		
9,600.00	7,248.27	7,288.27	7,288.27	79.33	252.71	89.25	1,411.97	-7,067.43	5,855.33	5,568.41	286.93	20.407		
9,700.00	7,248.45	7,288.45	7,288.45	81.88	252.72	89.27	1,411.97	-7,067.43	5,756.26	5,469.14	287.12	20.048		
9,800.00	7,248.62	7,288.62	7,288.62	84.45	252.72	89.28	1,411.97	-7,067.43	5,657.22	5,369.89	287.33	19.689		
9,900.00	7,248.80	7,288.80	7,288.80	87.04	252.73	89.29	1,411.97	-7,067.43	5,558.22	5,270.66	287.56	19.329		
10,000.00	7,248.98	7,288.98	7,288.98	89.65	252.73	89.31	1,411.97	-7,067.43	5,459.25	5,171.45	287.80	18.969		
10,100.00	7,249.15	7,289.15	7,289.15	92.28	252.74	89.32	1,411.97	-7,067.43	5,360.32	5,072.25	288.07	18.608		
10,200.00	7,249.33	7,289.33	7,289.33	94.91	252.75	89.33	1,411.97	-7,067.43	5,261.43	4,973.08	288.35	18.247		
10,300.00	7,249.51	7,289.51	7,289.51	97.56	252.75	89.34	1,411.97	-7,067.43	5,162.58	4,873.93	288.66	17.885		
10,400.00	7,249.69	7,289.69	7,289.69	100.22	252.76	89.36	1,411.97	-7,067.43	5,063.78	4,774.80	288.98	17.523		
10,500.00	7,249.86	7,289.86	7,289.86	102.89	252.77	89.37	1,411.97	-7,067.43	4,965.03	4,675.69	289.34	17.160		
10,600.00	7,250.04	7,309.96	7,290.04	105.57	253.47	89.38	1,411.97	-7,067.43	4,866.33	4,575.91	290.41	16.757		
10,700.00	7,250.22	7,309.78	7,290.22	108.27	253.46	89.40	1,411.97	-7,067.43	4,767.68	4,476.87	290.81	16.395		
10,800.00	7,250.39	7,309.61	7,290.39	110.96	253.45	89.41	1,411.97	-7,067.43	4,669.09	4,377.85	291.23	16.032		
10,900.00	7,250.57	7,309.43	7,290.57	113.67	253.45	89.42	1,411.97	-7,067.43	4,570.56	4,278.87	291.69	15.669		
11,000.00	7,250.75	7,309.25	7,290.75	116.39	253.44	89.43	1,411.97	-7,067.43	4,472.09	4,179.91	292.18	15.306		
11,100.00	7,250.93	7,309.07	7,290.93	119.11	253.44	89.45	1,411.97	-7,067.43	4,373.70	4,080.98	292.71	14.942		
11,200.00	7,251.10	7,308.90	7,291.10	121.83	253.43	89.46	1,411.97	-7,067.43	4,275.37	3,982.09	293.29	14.577		
11,300.00	7,251.28	7,308.72	7,291.28	124.57	253.42	89.47	1,411.97	-7,067.43	4,177.13	3,883.23	293.90	14.213		
11,400.00	7,251.46	7,308.54	7,291.46	127.31	253.42	89.49	1,411.97	-7,067.43	4,078.98	3,784.41	294.57	13.847		
11,500.00	7,251.63	7,308.37	7,291.63	130.05	253.41	89.50	1,411.97	-7,067.43	3,980.92	3,685.63	295.28	13.482		
11,600.00	7,251.81	7,308.19	7,291.81	132.80	253.41	89.51	1,411.97	-7,067.43	3,882.95	3,586.90	296.05	13.116		
11,700.00	7,251.99	7,308.01	7,291.99	135.55	253.40	89.52	1,411.97	-7,067.43	3,785.09	3,488.21	296.88	12.749		
11,800.00	7,252.17	7,307.83	7,292.17	138.31	253.39	89.54	1,411.97	-7,067.43	3,687.35	3,389.57	297.78	12.383		
11,900.00	7,252.34	7,307.66	7,292.34	141.07	253.39	89.55	1,411.97	-7,067.43	3,589.73	3,290.98	298.75	12.016		
12,000.00	7,252.52	7,307.48	7,292.52	143.84	253.38	89.56	1,411.97	-7,067.43	3,492.24	3,192.46	299.79	11.649		
12,100.00	7,252.70	7,307.30	7,292.70	146.61	253.37	89.58	1,411.97	-7,067.43	3,394.91	3,093.99	300.92	11.282		
12,200.00	7,252.87	7,307.13	7,292.87	149.38	253.37	89.59	1,411.97	-7,067.43	3,297.73	2,995.60	302.13	10.915		
12,300.00	7,253.05	7,306.95	7,293.05	152.16	253.36	89.60	1,411.97	-7,067.43	3,200.72	2,897.27	303.45	10.548		
12,400.00	7,253.23	7,306.77	7,293.23	154.94	253.36	89.61	1,411.97	-7,067.43	3,103.91	2,799.04	304.87	10.181		
12,500.00	7,253.41	7,306.59	7,293.41	157.72	253.35	89.63	1,411.97	-7,067.43	3,007.30	2,700.89	306.41	9.814		
12,600.00	7,253.58	7,306.42	7,293.58	160.51	253.34	89.64	1,411.97	-7,067.43	2,910.92	2,602.84	308.09	9.448		
12,700.00	7,253.76	7,306.24	7,293.76	163.29	253.34	89.65	1,411.97	-7,067.43	2,814.80	2,504.90	309.90	9.083		
12,800.00	7,253.94	7,306.06	7,293.94	166.08	253.33	89.67	1,411.97	-7,067.43	2,718.95	2,407.08	311.87	8.718		
12,900.00	7,254.11	7,305.89	7,294.11	168.88	253.32	89.68	1,411.97	-7,067.43	2,623.42	2,309.41	314.01	8.355		
13,000.00	7,254.29	7,305.71	7,294.29	171.67	253.32	89.69	1,411.97	-7,067.43	2,528.23	2,211.89	316.34	7.992		
13,100.00	7,254.47	7,305.53	7,294.47	174.47	253.31	89.70	1,411.97	-7,067.43	2,433.43	2,114.54	318.88	7.631		
13,200.00	7,254.65	7,305.35	7,294.65	177.27	253.31	89.72	1,411.97	-7,067.43	2,339.05	2,017.39	321.66	7.272		
13,300.00	7,254.82	7,305.18	7,294.82	180.07	253.30	89.73	1,411.97	-7,067.43	2,245.17	1,920.48	324.70	6.915		
13,400.00	7,255.00	7,305.00	7,295.00	182.87	253.29	89.74	1,411.97	-7,067.43	2,151.84	1,823.82	328.02	6.560		
13,500.00	7,255.18	7,304.82	7,295.18	185.67	253.29	89.76	1,411.97	-7,067.43	2,059.13	1,727.47	331.67	6.208		
13,600.00	7,255.35	7,304.65	7,295.35	188.48	253.28	89.77	1,411.97	-7,067.43	1,967.14	1,631.47	335.67	5.860		
13,700.00	7,255.53	7,304.47	7,295.53	191.29	253.28	89.78	1,411.97	-7,067.43	1,875.97	1,535.89	340.08	5.516		
13,800.00	7,255.71	7,304.29	7,295.71	194.10	253.27	89.79	1,411.97	-7,067.43	1,785.74	1,440.80	344.95	5.177		
13,900.00	7,255.89	7,304.11	7,295.89	196.91	253.26	89.81	1,411.97	-7,067.43	1,696.61	1,346.29	350.32	4.843		
14,000.00	7,256.06	7,303.94	7,296.06	199.72	253.26	89.82	1,411.97	-7,067.43	1,608.76	1,252.50	356.26	4.516		
14,100.00	7,256.24	7,303.76	7,296.24	202.53	253.25	89.83	1,411.97	-7,067.43	1,522.41	1,159.57	362.83	4.196		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	7,303.58	7,296.42	205.35	253.24	89.85	1,411.97	-7,067.43	1,437.82	1,067.71	370.12	3.885		
14,300.00	7,256.59	7,303.41	7,296.59	208.16	253.24	89.86	1,411.97	-7,067.43	1,355.34	977.16	378.18	3.584		
14,400.00	7,256.77	7,303.23	7,296.77	210.98	253.23	89.87	1,411.97	-7,067.43	1,275.37	888.28	387.09	3.295		
14,500.00	7,256.95	7,303.05	7,296.95	213.80	253.23	89.88	1,411.97	-7,067.43	1,198.41	801.51	396.90	3.019		
14,600.00	7,257.13	7,302.87	7,297.13	216.62	253.22	89.90	1,411.97	-7,067.43	1,125.08	717.45	407.63	2.760		
14,700.00	7,257.30	7,302.70	7,297.30	219.44	253.21	89.91	1,411.97	-7,067.43	1,056.13	636.90	419.23	2.519		
14,800.00	7,257.48	7,302.52	7,297.48	222.26	253.21	89.92	1,411.97	-7,067.43	992.49	560.91	431.58	2.300		
14,900.00	7,257.66	7,302.34	7,297.66	225.08	253.20	89.94	1,411.97	-7,067.43	935.23	490.83	444.39	2.104		
15,000.00	7,257.83	7,302.17	7,297.83	227.91	253.19	89.95	1,411.97	-7,067.43	885.59	428.39	457.19	1.937		
15,100.00	7,258.01	7,301.99	7,298.01	230.73	253.19	89.96	1,411.97	-7,067.43	844.91	375.63	469.28	1.800		
15,200.00	7,258.19	7,301.81	7,298.19	233.56	253.18	89.97	1,411.97	-7,067.43	814.55	334.78	479.78	1.698		
15,300.00	7,258.37	7,301.63	7,298.37	236.38	253.18	89.99	1,411.97	-7,067.43	795.68	307.95	487.74	1.631		
15,400.00	7,258.54	7,301.46	7,298.54	239.21	253.17	90.00	1,411.97	-7,067.43	789.13	296.75	492.38	1.603		
15,401.92	7,258.55	7,301.45	7,298.55	239.26	253.17	90.00	1,411.97	-7,067.43	789.13	296.69	492.43	1.603	CC, ES, SF	
15,500.00	7,258.72	7,301.28	7,298.72	242.04	253.16	90.01	1,411.97	-7,067.43	795.20	301.88	493.31	1.612		
15,600.00	7,258.90	7,301.10	7,298.90	244.87	253.16	90.03	1,411.97	-7,067.43	813.61	322.95	490.66	1.658		
15,700.00	7,259.08	7,300.93	7,299.08	247.70	253.15	90.04	1,411.97	-7,067.43	843.55	358.56	484.99	1.739		
15,800.00	7,259.25	7,300.75	7,299.25	250.53	253.15	90.05	1,411.97	-7,067.43	883.85	406.73	477.12	1.852		
15,900.00	7,259.43	7,300.57	7,299.43	253.36	253.14	90.06	1,411.97	-7,067.43	933.17	465.26	467.90	1.994		
16,000.00	7,259.61	7,300.39	7,299.61	256.19	253.13	90.08	1,411.97	-7,067.43	990.16	532.08	458.08	2.162		
16,100.00	7,259.78	7,300.22	7,299.78	259.02	253.13	90.09	1,411.97	-7,067.43	1,053.58	605.40	448.18	2.351		
16,200.00	7,259.96	7,300.04	7,299.96	261.85	253.12	90.10	1,411.97	-7,067.43	1,122.34	683.77	438.57	2.559		
16,300.00	7,260.14	7,300.14	7,300.14	264.68	253.12	90.12	1,411.97	-7,067.43	1,195.52	766.05	429.47	2.784		
16,400.00	7,260.32	7,300.32	7,300.32	267.52	253.13	90.13	1,411.97	-7,067.43	1,272.35	851.37	420.98	3.022		
16,500.00	7,260.49	7,300.49	7,300.49	270.35	253.14	90.14	1,411.97	-7,067.43	1,352.22	939.07	413.15	3.273		
16,600.00	7,260.67	7,300.67	7,300.67	273.19	253.14	90.15	1,411.97	-7,067.43	1,434.61	1,028.66	405.95	3.534		
16,700.00	7,260.85	7,300.85	7,300.85	276.02	253.15	90.17	1,411.97	-7,067.43	1,519.12	1,119.75	399.37	3.804		
16,800.00	7,261.02	7,301.02	7,301.02	278.86	253.15	90.18	1,411.97	-7,067.43	1,605.41	1,212.05	393.36	4.081		
16,900.00	7,261.20	7,301.20	7,301.20	281.69	253.16	90.19	1,411.97	-7,067.43	1,693.21	1,305.34	387.87	4.365		
17,000.00	7,261.38	7,301.38	7,301.38	284.53	253.17	90.21	1,411.97	-7,067.43	1,782.29	1,399.44	382.85	4.655		
17,100.00	7,261.56	7,301.56	7,301.56	287.37	253.17	90.22	1,411.97	-7,067.43	1,872.48	1,494.21	378.27	4.950		
17,200.00	7,261.73	7,301.73	7,301.73	290.21	253.18	90.23	1,411.97	-7,067.43	1,963.62	1,589.54	374.08	5.249		
17,300.00	7,261.91	7,301.91	7,301.91	293.04	253.19	90.24	1,411.97	-7,067.43	2,055.58	1,685.35	370.23	5.552		
17,400.00	7,262.09	7,302.09	7,302.09	295.88	253.19	90.26	1,411.97	-7,067.43	2,148.26	1,781.56	366.70	5.858		
17,500.00	7,262.26	7,302.26	7,302.26	298.72	253.20	90.27	1,411.97	-7,067.43	2,241.57	1,878.13	363.44	6.168		
17,600.00	7,262.44	7,302.44	7,302.44	301.56	253.20	90.28	1,411.97	-7,067.43	2,335.43	1,974.99	360.45	6.479		
17,700.00	7,262.62	7,302.62	7,302.62	304.40	253.21	90.30	1,411.97	-7,067.43	2,429.79	2,072.11	357.68	6.793		
17,800.00	7,262.80	7,302.80	7,302.80	307.24	253.22	90.31	1,411.97	-7,067.43	2,524.57	2,169.46	355.12	7.109		
17,900.00	7,262.97	7,302.97	7,302.97	310.08	253.22	90.32	1,411.97	-7,067.43	2,619.75	2,267.01	352.74	7.427		
18,000.00	7,263.15	7,303.15	7,303.15	312.92	253.23	90.33	1,411.97	-7,067.43	2,715.27	2,364.74	350.54	7.746		
18,100.00	7,263.33	7,303.33	7,303.33	315.76	253.24	90.35	1,411.97	-7,067.43	2,811.11	2,462.62	348.49	8.067		
18,200.00	7,263.50	7,303.50	7,303.50	318.61	253.24	90.36	1,411.97	-7,067.43	2,907.22	2,560.65	346.57	8.388		
18,300.00	7,263.68	7,303.68	7,303.68	321.45	253.25	90.37	1,411.97	-7,067.43	3,003.59	2,658.80	344.79	8.711		
18,400.00	7,263.86	7,303.86	7,303.86	324.29	253.25	90.39	1,411.97	-7,067.43	3,100.19	2,757.06	343.13	9.035		
18,500.00	7,264.04	7,304.04	7,304.04	327.13	253.26	90.40	1,411.97	-7,067.43	3,196.99	2,855.42	341.57	9.360		
18,600.00	7,264.21	7,304.21	7,304.21	329.97	253.27	90.41	1,411.97	-7,067.43	3,293.99	2,953.88	340.11	9.685		
18,700.00	7,264.39	7,304.39	7,304.39	332.82	253.27	90.42	1,411.97	-7,067.43	3,391.16	3,052.42	338.74	10.011		
18,800.00	7,264.57	7,304.57	7,304.57	335.66	253.28	90.44	1,411.97	-7,067.43	3,488.50	3,151.04	337.46	10.338		
18,900.00	7,264.74	7,304.74	7,304.74	338.51	253.28	90.45	1,411.97	-7,067.43	3,585.98	3,249.72	336.25	10.665		
19,000.00	7,264.92	7,304.92	7,304.92	341.35	253.29	90.46	1,411.97	-7,067.43	3,683.59	3,348.47	335.12	10.992		
19,044.52	7,265.00	7,305.00	7,305.00	342.62	253.29	90.47	1,411.97	-7,067.43	3,727.09	3,392.46	334.63	11.138		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	30.00	30.00	3.28	3.32	-77.98	1,218.54	-5,724.34	5,852.60					
100.00	100.00	130.00	130.00	3.28	4.31	-77.98	1,218.54	-5,724.34	5,852.60	5,845.01	7.59	770.828		
200.00	200.00	230.00	230.00	3.34	7.09	-77.98	1,218.54	-5,724.34	5,852.60	5,842.17	10.43	561.380		
300.00	299.98	329.98	329.98	3.44	10.31	-143.54	1,218.54	-5,724.34	5,854.00	5,840.25	13.75	425.639		
400.00	399.84	429.84	429.84	3.60	13.66	-143.52	1,218.54	-5,724.34	5,858.21	5,840.95	17.26	339.385		
500.00	499.45	529.45	529.45	3.81	17.06	-143.48	1,218.54	-5,724.34	5,865.23	5,844.37	20.86	281.146		
600.00	598.70	628.70	628.70	4.06	20.47	-143.44	1,218.54	-5,724.34	5,875.05	5,850.53	24.52	239.624		
700.00	697.47	727.47	727.47	4.34	23.88	-143.38	1,218.54	-5,724.34	5,887.66	5,859.45	28.21	208.722		
800.00	795.62	825.62	825.62	4.66	27.27	-143.30	1,218.54	-5,724.34	5,903.07	5,871.15	31.92	184.942		
824.00	819.08	849.08	849.08	4.75	28.09	-143.28	1,218.54	-5,724.34	5,907.18	5,874.37	32.81	180.022		
900.00	893.28	923.28	923.28	5.02	30.66	-143.37	1,218.54	-5,724.34	5,920.46	5,884.82	35.64	166.105		
1,000.00	990.92	1,020.92	1,020.92	5.40	34.05	-143.50	1,218.54	-5,724.34	5,937.97	5,898.58	39.39	150.758		
1,100.00	1,088.56	1,118.56	1,118.56	5.80	37.45	-143.62	1,218.54	-5,724.34	5,955.50	5,912.34	43.15	138.008		
1,200.00	1,186.19	1,216.19	1,216.19	6.21	40.84	-143.74	1,218.54	-5,724.34	5,973.05	5,926.12	46.94	127.260		
1,300.00	1,283.83	1,313.83	1,313.83	6.64	44.24	-143.86	1,218.54	-5,724.34	5,990.63	5,939.90	50.73	118.083		
1,400.00	1,381.47	1,411.47	1,411.47	7.08	47.64	-143.98	1,218.54	-5,724.34	6,008.24	5,953.70	54.54	110.162		
1,500.00	1,479.10	1,509.10	1,509.10	7.53	51.04	-144.10	1,218.54	-5,724.34	6,025.88	5,967.52	58.36	103.258		
1,600.00	1,576.74	1,606.74	1,606.74	7.99	54.44	-144.22	1,218.54	-5,724.34	6,043.54	5,981.36	62.18	97.191		
1,700.00	1,674.38	1,704.38	1,704.38	8.45	57.85	-144.34	1,218.54	-5,724.34	6,061.22	5,995.21	66.01	91.818		
1,800.00	1,772.02	1,802.02	1,802.02	8.92	61.25	-144.46	1,218.54	-5,724.34	6,078.93	6,009.08	69.85	87.028		
1,900.00	1,869.65	1,900.35	1,899.65	9.39	64.68	-144.57	1,218.54	-5,724.34	6,096.67	6,022.96	73.72	82.705		
2,000.00	1,967.29	2,002.71	1,997.29	9.87	68.25	-144.69	1,218.54	-5,724.34	6,114.43	6,036.71	77.73	78.666		
2,100.00	2,064.93	2,105.07	2,094.93	10.35	71.82	-144.81	1,218.54	-5,724.34	6,132.22	6,050.48	81.74	75.020		
2,200.00	2,162.56	2,207.44	2,192.56	10.83	75.39	-144.92	1,218.54	-5,724.34	6,150.03	6,064.27	85.76	71.714		
2,300.00	2,260.20	2,309.80	2,290.20	11.32	78.96	-145.04	1,218.54	-5,724.34	6,167.87	6,078.09	89.78	68.702		
2,400.00	2,357.84	2,387.84	2,387.84	11.80	81.68	-145.15	1,218.54	-5,724.34	6,185.72	6,092.77	92.95	66.549		
2,500.00	2,455.48	2,485.48	2,485.48	12.29	85.09	-145.26	1,218.54	-5,724.34	6,203.61	6,106.80	96.81	64.081		
2,600.00	2,553.11	2,583.11	2,583.11	12.78	88.49	-145.38	1,218.54	-5,724.34	6,221.51	6,120.84	100.67	61.801		
2,700.00	2,650.75	2,680.75	2,680.75	13.27	91.90	-145.49	1,218.54	-5,724.34	6,239.44	6,134.91	104.53	59.689		
2,800.00	2,748.39	2,778.39	2,778.39	13.77	95.30	-145.60	1,218.54	-5,724.34	6,257.40	6,149.00	108.40	57.727		
2,900.00	2,846.02	2,876.02	2,876.02	14.26	98.71	-145.71	1,218.54	-5,724.34	6,275.37	6,163.11	112.26	55.900		
3,000.00	2,943.66	2,973.66	2,973.66	14.76	102.12	-145.82	1,218.54	-5,724.34	6,293.37	6,177.25	116.13	54.194		
3,100.00	3,041.30	3,071.30	3,071.30	15.25	105.52	-145.93	1,218.54	-5,724.34	6,311.40	6,191.40	119.99	52.598		
3,200.00	3,138.94	3,168.94	3,168.94	15.75	108.93	-146.04	1,218.54	-5,724.34	6,329.44	6,205.58	123.86	51.101		
3,300.00	3,236.57	3,266.57	3,266.57	16.25	112.34	-146.15	1,218.54	-5,724.34	6,347.51	6,219.78	127.73	49.695		
3,400.00	3,334.21	3,364.21	3,364.21	16.75	115.75	-146.25	1,218.54	-5,724.34	6,365.59	6,234.00	131.60	48.371		
3,500.00	3,431.85	3,461.85	3,461.85	17.25	119.15	-146.36	1,218.54	-5,724.34	6,383.71	6,248.24	135.47	47.123		
3,600.00	3,529.48	3,559.48	3,559.48	17.75	122.56	-146.47	1,218.54	-5,724.34	6,401.84	6,262.50	139.34	45.944		
3,700.00	3,627.12	3,657.12	3,657.12	18.25	125.97	-146.57	1,218.54	-5,724.34	6,419.99	6,276.78	143.21	44.829		
3,800.00	3,724.76	3,754.76	3,754.76	18.75	129.37	-146.68	1,218.54	-5,724.34	6,438.17	6,291.09	147.08	43.773		
3,900.00	3,822.40	3,852.40	3,852.40	19.25	132.78	-146.78	1,218.54	-5,724.34	6,456.36	6,305.41	150.95	42.770		
4,000.00	3,920.03	3,950.03	3,950.03	19.75	136.19	-146.89	1,218.54	-5,724.34	6,474.58	6,319.75	154.83	41.818		
4,100.00	4,017.67	4,047.67	4,047.67	20.25	139.60	-146.99	1,218.54	-5,724.34	6,492.82	6,334.12	158.70	40.913		
4,200.00	4,115.31	4,145.31	4,145.31	20.76	143.01	-147.09	1,218.54	-5,724.34	6,511.08	6,348.51	162.57	40.050		
4,300.00	4,212.94	4,242.94	4,242.94	21.26	146.41	-147.20	1,218.54	-5,724.34	6,529.36	6,362.91	166.45	39.228		
4,400.00	4,310.58	4,340.58	4,340.58	21.76	149.82	-147.30	1,218.54	-5,724.34	6,547.66	6,377.34	170.32	38.444		
4,500.00	4,408.22	4,438.22	4,438.22	22.27	153.23	-147.40	1,218.54	-5,724.34	6,565.98	6,391.78	174.19	37.694		
4,600.00	4,505.86	4,535.86	4,535.86	22.77	156.64	-147.50	1,218.54	-5,724.34	6,584.32	6,406.25	178.07	36.977		
4,700.00	4,603.49	4,633.49	4,633.49	23.28	160.04	-147.60	1,218.54	-5,724.34	6,602.68	6,420.73	181.94	36.290		
4,800.00	4,701.13	4,731.13	4,731.13	23.78	163.45	-147.70	1,218.54	-5,724.34	6,621.05	6,435.24	185.82	35.632		
4,900.00	4,798.77	4,828.77	4,828.77	24.28	166.86	-147.80	1,218.54	-5,724.34	6,639.45	6,449.76	189.69	35.002		
5,000.00	4,896.40	4,926.40	4,926.40	24.79	170.27	-147.90	1,218.54	-5,724.34	6,657.87	6,464.31	193.56	34.396		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,024.04	5,024.04	25.30	173.68	-147.99	1,218.54	-5,724.34	6,676.31	6,478.87	197.44	33.814		
5,200.00	5,091.68	5,121.68	5,121.68	25.80	177.08	-148.09	1,218.54	-5,724.34	6,694.76	6,493.45	201.31	33.255		
5,300.00	5,189.32	5,219.32	5,219.32	26.31	180.49	-148.19	1,218.54	-5,724.34	6,713.24	6,508.05	205.19	32.717		
5,400.00	5,286.95	5,316.95	5,316.95	26.81	183.90	-148.28	1,218.54	-5,724.34	6,731.73	6,522.67	209.07	32.199		
5,500.00	5,384.59	5,414.59	5,414.59	27.32	187.31	-148.38	1,218.54	-5,724.34	6,750.24	6,537.30	212.94	31.700		
5,600.00	5,482.23	5,512.23	5,512.23	27.82	190.71	-148.48	1,218.54	-5,724.34	6,768.77	6,551.96	216.82	31.219		
5,700.00	5,579.87	5,609.87	5,609.87	28.33	194.12	-148.57	1,218.54	-5,724.34	6,787.32	6,566.63	220.69	30.755		
5,800.00	5,677.50	5,707.50	5,707.50	28.84	197.53	-148.66	1,218.54	-5,724.34	6,805.89	6,581.32	224.57	30.307		
5,900.00	5,775.14	5,805.14	5,805.14	29.34	200.94	-148.76	1,218.54	-5,724.34	6,824.47	6,596.03	228.44	29.874		
6,000.00	5,872.78	5,902.78	5,902.78	29.85	204.35	-148.85	1,218.54	-5,724.34	6,843.08	6,610.76	232.32	29.455		
6,100.00	5,970.41	6,000.41	6,000.41	30.36	207.76	-148.94	1,218.54	-5,724.34	6,861.70	6,625.50	236.20	29.051		
6,200.00	6,068.05	6,101.95	6,098.05	30.86	211.30	-149.04	1,218.54	-5,724.34	6,880.33	6,640.13	240.21	28.643		
6,300.00	6,165.69	6,204.31	6,195.69	31.37	214.87	-149.13	1,218.54	-5,724.34	6,898.99	6,654.74	244.25	28.246		
6,400.00	6,263.33	6,306.68	6,293.33	31.88	218.45	-149.22	1,218.54	-5,724.34	6,917.66	6,669.37	248.29	27.861		
6,500.00	6,360.96	6,409.04	6,390.96	32.38	222.02	-149.31	1,218.54	-5,724.34	6,936.35	6,684.02	252.33	27.489		
6,600.00	6,458.60	6,488.60	6,488.60	32.89	224.80	-149.40	1,218.54	-5,724.34	6,955.05	6,699.48	255.58	27.213		
6,628.42	6,486.35	6,516.35	6,516.35	33.04	225.76	-149.43	1,218.54	-5,724.34	6,960.37	6,703.70	256.68	27.117		
6,650.00	6,507.49	6,537.49	6,537.49	33.14	226.50	-149.47	1,218.54	-5,724.34	6,964.06	6,706.54	257.52	27.043		
6,700.00	6,556.88	6,586.88	6,586.88	33.37	228.23	-127.54	1,218.54	-5,724.34	6,969.82	6,710.36	259.46	26.863		
6,750.00	6,606.60	6,636.60	6,636.60	33.58	229.96	-88.98	1,218.54	-5,724.34	6,971.69	6,710.29	261.40	26.670		
6,800.00	6,656.35	6,686.35	6,686.35	33.76	231.70	-46.70	1,218.54	-5,724.34	6,969.66	6,706.33	263.33	26.468		
6,850.00	6,705.83	6,735.83	6,735.83	33.94	233.43	-26.14	1,218.54	-5,724.34	6,963.73	6,698.51	265.22	26.256		
6,900.00	6,754.72	6,784.72	6,784.72	34.12	235.13	-16.60	1,218.54	-5,724.34	6,953.95	6,686.87	267.07	26.038		
6,950.00	6,802.72	6,832.72	6,832.72	34.31	236.81	-11.34	1,218.54	-5,724.34	6,940.36	6,671.49	268.88	25.812		
7,000.00	6,849.54	6,879.54	6,879.54	34.50	238.44	-8.03	1,218.54	-5,724.34	6,923.07	6,652.44	270.63	25.582		
7,050.00	6,894.89	6,924.89	6,924.89	34.71	240.03	-5.72	1,218.54	-5,724.34	6,902.17	6,629.86	272.31	25.347		
7,100.00	6,938.49	6,968.49	6,968.49	34.93	241.55	-3.97	1,218.54	-5,724.34	6,877.78	6,603.87	273.91	25.110		
7,150.00	6,980.07	7,010.07	7,010.07	35.17	243.00	-2.54	1,218.54	-5,724.34	6,850.07	6,574.65	275.42	24.871		
7,200.00	7,019.38	7,049.38	7,049.38	35.43	244.37	-1.29	1,218.54	-5,724.34	6,819.20	6,542.35	276.85	24.632		
7,250.00	7,056.17	7,086.17	7,086.17	35.71	245.65	-0.13	1,218.54	-5,724.34	6,785.36	6,507.19	278.17	24.393		
7,300.00	7,090.21	7,120.21	7,120.21	36.03	246.84	1.04	1,218.54	-5,724.34	6,748.76	6,469.37	279.38	24.156		
7,350.00	7,121.30	7,151.30	7,151.30	36.37	247.93	2.30	1,218.54	-5,724.34	6,709.62	6,429.14	280.48	23.922		
7,400.00	7,149.25	7,179.25	7,179.25	36.75	248.90	3.73	1,218.54	-5,724.34	6,668.19	6,386.72	281.47	23.691		
7,450.00	7,173.87	7,203.87	7,203.87	37.17	249.76	5.49	1,218.54	-5,724.34	6,624.72	6,342.40	282.33	23.465		
7,500.00	7,195.03	7,225.03	7,225.03	37.62	250.50	7.81	1,218.54	-5,724.34	6,579.49	6,296.43	283.06	23.244		
7,550.00	7,212.58	7,242.58	7,242.58	38.11	251.12	11.12	1,218.54	-5,724.34	6,532.76	6,249.09	283.67	23.029		
7,600.00	7,226.43	7,256.43	7,256.43	38.64	251.60	16.33	1,218.54	-5,724.34	6,484.84	6,200.69	284.15	22.822		
7,650.00	7,236.48	7,266.48	7,266.48	39.20	251.95	25.67	1,218.54	-5,724.34	6,436.00	6,151.51	284.49	22.623		
7,700.00	7,242.68	7,272.68	7,272.68	39.79	252.17	45.36	1,218.54	-5,724.34	6,386.57	6,101.86	284.71	22.432		
7,753.32	7,245.00	7,275.00	7,275.00	40.44	252.25	88.93	1,218.54	-5,724.34	6,333.53	6,048.73	284.80	22.239		
7,800.00	7,245.08	7,275.08	7,275.08	41.04	252.25	88.94	1,218.54	-5,724.34	6,287.06	6,002.25	284.81	22.074		
7,900.00	7,245.26	7,275.26	7,275.26	42.43	252.26	88.95	1,218.54	-5,724.34	6,187.52	5,902.68	284.84	21.723		
8,000.00	7,245.43	7,275.43	7,275.43	43.97	252.26	88.97	1,218.54	-5,724.34	6,087.99	5,803.11	284.88	21.370		
8,100.00	7,245.61	7,275.61	7,275.61	45.64	252.27	88.99	1,218.54	-5,724.34	5,988.48	5,703.56	284.92	21.018		
8,200.00	7,245.79	7,275.79	7,275.79	47.42	252.27	89.00	1,218.54	-5,724.34	5,888.99	5,604.02	284.97	20.665		
8,300.00	7,245.97	7,275.97	7,275.97	49.30	252.28	89.02	1,218.54	-5,724.34	5,789.51	5,504.49	285.02	20.313		
8,400.00	7,246.14	7,276.14	7,276.14	51.28	252.29	89.04	1,218.54	-5,724.34	5,690.06	5,404.97	285.08	19.959		
8,500.00	7,246.32	7,276.32	7,276.32	53.34	252.29	89.05	1,218.54	-5,724.34	5,590.62	5,305.47	285.15	19.606		
8,600.00	7,246.50	7,276.50	7,276.50	55.46	252.30	89.07	1,218.54	-5,724.34	5,491.20	5,205.98	285.22	19.252		
8,700.00	7,246.67	7,276.67	7,276.67	57.66	252.31	89.09	1,218.54	-5,724.34	5,391.80	5,106.50	285.30	18.898		
8,800.00	7,246.85	7,276.85	7,276.85	59.90	252.31	89.11	1,218.54	-5,724.34	5,292.43	5,007.03	285.40	18.544		
8,900.00	7,247.03	7,277.03	7,277.03	62.20	252.32	89.12	1,218.54	-5,724.34	5,193.08	4,907.58	285.50	18.190		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,277.21	7,277.21	64.55	252.32	89.14	1,218.54	-5,724.34	5,093.75	4,808.15	285.61	17.835		
9,100.00	7,247.38	7,277.38	7,277.38	66.93	252.33	89.16	1,218.54	-5,724.34	4,994.46	4,708.73	285.73	17.480		
9,200.00	7,247.56	7,277.56	7,277.56	69.35	252.34	89.17	1,218.54	-5,724.34	4,895.19	4,609.33	285.86	17.124		
9,300.00	7,247.74	7,277.74	7,277.74	71.80	252.34	89.19	1,218.54	-5,724.34	4,795.95	4,509.94	286.00	16.769		
9,400.00	7,247.91	7,277.91	7,277.91	74.29	252.35	89.21	1,218.54	-5,724.34	4,696.74	4,410.58	286.16	16.413		
9,500.00	7,248.09	7,278.09	7,278.09	76.79	252.35	89.22	1,218.54	-5,724.34	4,597.57	4,311.23	286.34	16.056		
9,600.00	7,248.27	7,278.27	7,278.27	79.33	252.36	89.24	1,218.54	-5,724.34	4,498.44	4,211.91	286.53	15.700		
9,700.00	7,248.45	7,278.45	7,278.45	81.88	252.37	89.26	1,218.54	-5,724.34	4,399.34	4,112.60	286.74	15.343		
9,800.00	7,248.62	7,278.62	7,278.62	84.45	252.37	89.28	1,218.54	-5,724.34	4,300.29	4,013.32	286.96	14.985		
9,900.00	7,248.80	7,278.80	7,278.80	87.04	252.38	89.29	1,218.54	-5,724.34	4,201.28	3,914.06	287.21	14.628		
10,000.00	7,248.98	7,278.98	7,278.98	89.65	252.39	89.31	1,218.54	-5,724.34	4,102.31	3,814.83	287.48	14.270		
10,100.00	7,249.15	7,279.15	7,279.15	92.28	252.39	89.33	1,218.54	-5,724.34	4,003.40	3,715.62	287.78	13.911		
10,200.00	7,249.33	7,279.33	7,279.33	94.91	252.40	89.34	1,218.54	-5,724.34	3,904.55	3,616.45	288.10	13.553		
10,300.00	7,249.51	7,279.51	7,279.51	97.56	252.40	89.36	1,218.54	-5,724.34	3,805.76	3,517.30	288.46	13.193		
10,400.00	7,249.69	7,279.69	7,279.69	100.22	252.41	89.38	1,218.54	-5,724.34	3,707.03	3,418.18	288.85	12.834		
10,500.00	7,249.86	7,279.86	7,279.86	102.89	252.42	89.39	1,218.54	-5,724.34	3,608.37	3,319.09	289.27	12.474		
10,600.00	7,250.04	7,280.04	7,280.04	105.57	252.42	89.41	1,218.54	-5,724.34	3,509.78	3,220.04	289.74	12.114		
10,700.00	7,250.22	7,280.22	7,280.22	108.27	252.43	89.43	1,218.54	-5,724.34	3,411.28	3,121.03	290.25	11.753		
10,800.00	7,250.39	7,280.39	7,280.39	110.96	252.43	89.45	1,218.54	-5,724.34	3,312.87	3,022.06	290.81	11.392		
10,900.00	7,250.57	7,280.57	7,280.57	113.67	252.44	89.46	1,218.54	-5,724.34	3,214.56	2,923.13	291.43	11.030		
11,000.00	7,250.75	7,280.75	7,280.75	116.39	252.45	89.48	1,218.54	-5,724.34	3,116.35	2,824.24	292.10	10.669		
11,100.00	7,250.93	7,280.93	7,280.93	119.11	252.45	89.50	1,218.54	-5,724.34	3,018.26	2,725.41	292.85	10.307		
11,200.00	7,251.10	7,281.10	7,281.10	121.83	252.46	89.51	1,218.54	-5,724.34	2,920.30	2,626.63	293.67	9.944		
11,300.00	7,251.28	7,281.28	7,281.28	124.57	252.47	89.53	1,218.54	-5,724.34	2,822.49	2,527.91	294.57	9.582		
11,400.00	7,251.46	7,281.46	7,281.46	127.31	252.47	89.55	1,218.54	-5,724.34	2,724.83	2,429.26	295.57	9.219		
11,500.00	7,251.63	7,281.63	7,281.63	130.05	252.48	89.56	1,218.54	-5,724.34	2,627.35	2,330.67	296.68	8.856		
11,600.00	7,251.81	7,281.81	7,281.81	132.80	252.48	89.58	1,218.54	-5,724.34	2,530.06	2,232.17	297.90	8.493		
11,700.00	7,251.99	7,281.99	7,281.99	135.55	252.49	89.60	1,218.54	-5,724.34	2,433.00	2,133.75	299.25	8.130		
11,800.00	7,252.17	7,282.17	7,282.17	138.31	252.50	89.62	1,218.54	-5,724.34	2,336.18	2,035.42	300.76	7.768		
11,900.00	7,252.34	7,282.34	7,282.34	141.07	252.50	89.63	1,218.54	-5,724.34	2,239.65	1,937.21	302.43	7.405		
12,000.00	7,252.52	7,282.52	7,282.52	143.84	252.51	89.65	1,218.54	-5,724.34	2,143.43	1,839.13	304.30	7.044		
12,100.00	7,252.70	7,282.70	7,282.70	146.61	252.52	89.67	1,218.54	-5,724.34	2,047.57	1,741.18	306.39	6.683		
12,200.00	7,252.87	7,282.87	7,282.87	149.38	252.52	89.68	1,218.54	-5,724.34	1,952.13	1,643.40	308.72	6.323		
12,300.00	7,253.05	7,283.05	7,283.05	152.16	252.53	89.70	1,218.54	-5,724.34	1,857.17	1,545.82	311.35	5.965		
12,400.00	7,253.23	7,283.23	7,283.23	154.94	252.53	89.72	1,218.54	-5,724.34	1,762.76	1,448.47	314.30	5.609		
12,500.00	7,253.41	7,283.41	7,283.41	157.72	252.54	89.73	1,218.54	-5,724.34	1,669.01	1,351.39	317.62	5.255		
12,600.00	7,253.58	7,283.58	7,283.58	160.51	252.55	89.75	1,218.54	-5,724.34	1,576.03	1,254.64	321.39	4.904		
12,700.00	7,253.76	7,283.76	7,283.76	163.29	252.55	89.77	1,218.54	-5,724.34	1,483.96	1,158.29	325.67	4.557		
12,800.00	7,253.94	7,283.94	7,283.94	166.08	252.56	89.79	1,218.54	-5,724.34	1,392.98	1,062.45	330.53	4.214		
12,900.00	7,254.11	7,284.11	7,284.11	168.88	252.56	89.80	1,218.54	-5,724.34	1,303.32	967.24	336.08	3.878		
13,000.00	7,254.29	7,284.29	7,284.29	171.67	252.57	89.82	1,218.54	-5,724.34	1,215.28	872.85	342.44	3.549		
13,100.00	7,254.47	7,284.47	7,284.47	174.47	252.58	89.84	1,218.54	-5,724.34	1,129.24	779.52	349.71	3.229		
13,200.00	7,254.65	7,284.65	7,284.65	177.27	252.58	89.85	1,218.54	-5,724.34	1,045.68	687.62	358.06	2.920		
13,300.00	7,254.82	7,284.82	7,284.82	180.07	252.59	89.87	1,218.54	-5,724.34	965.25	597.65	367.60	2.626		
13,400.00	7,255.00	7,285.00	7,285.00	182.87	252.60	89.89	1,218.54	-5,724.34	888.80	510.36	378.44	2.349		
13,500.00	7,255.18	7,285.18	7,285.18	185.67	252.60	89.90	1,218.54	-5,724.34	817.45	426.86	390.59	2.093		
13,600.00	7,255.35	7,285.35	7,285.35	188.48	252.61	89.92	1,218.54	-5,724.34	752.66	348.76	403.90	1.863		
13,700.00	7,255.53	7,285.53	7,285.53	191.29	252.61	89.94	1,218.54	-5,724.34	696.24	278.38	417.86	1.666		
13,800.00	7,255.71	7,285.71	7,285.71	194.10	252.62	89.96	1,218.54	-5,724.34	650.40	218.90	431.50	1.507		
13,900.00	7,255.89	7,285.89	7,285.89	196.91	252.63	89.97	1,218.54	-5,724.34	617.48	174.18	443.30	1.393 Level 3		
14,000.00	7,256.06	7,286.06	7,286.06	199.72	252.63	89.99	1,218.54	-5,724.34	599.62	148.13	451.49	1.328 Level 3		
14,058.69	7,256.17	7,286.17	7,286.17	201.37	252.64	90.00	1,218.54	-5,724.34	596.74	142.73	454.01	1.314 Level 3, CC, ES, 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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,286.24	7,286.24	202.53	252.64	90.01	1,218.54	-5,724.34	598.17	143.51	454.66	1.316	Level 3	
14,200.00	7,256.42	7,286.42	7,286.42	205.35	252.65	90.02	1,218.54	-5,724.34	613.25	160.78	452.47	1.355	Level 3	
14,300.00	7,256.59	7,286.59	7,286.59	208.16	252.65	90.04	1,218.54	-5,724.34	643.69	197.87	445.82	1.444	Level 3	
14,400.00	7,256.77	7,286.77	7,286.77	210.98	252.66	90.06	1,218.54	-5,724.34	687.46	251.18	436.27	1.576		
14,500.00	7,256.95	7,286.95	7,286.95	213.80	252.66	90.08	1,218.54	-5,724.34	742.20	316.79	425.40	1.745		
14,600.00	7,257.13	7,287.13	7,287.13	216.62	252.67	90.09	1,218.54	-5,724.34	805.68	391.32	414.36	1.944		
14,700.00	7,257.30	7,287.30	7,287.30	219.44	252.68	90.11	1,218.54	-5,724.34	876.00	472.16	403.84	2.169		
14,800.00	7,257.48	7,287.48	7,287.48	222.26	252.68	90.13	1,218.54	-5,724.34	951.65	557.47	394.18	2.414		
14,900.00	7,257.66	7,287.66	7,287.66	225.08	252.69	90.14	1,218.54	-5,724.34	1,031.46	645.98	385.48	2.676		
15,000.00	7,257.83	7,287.83	7,287.83	227.91	252.69	90.16	1,218.54	-5,724.34	1,114.53	736.80	377.73	2.951		
15,100.00	7,258.01	7,288.01	7,288.01	230.73	252.70	90.18	1,218.54	-5,724.34	1,200.18	829.32	370.86	3.236		
15,200.00	7,258.19	7,288.19	7,288.19	233.56	252.71	90.19	1,218.54	-5,724.34	1,287.90	923.12	364.78	3.531		
15,300.00	7,258.37	7,288.37	7,288.37	236.38	252.71	90.21	1,218.54	-5,724.34	1,377.30	1,017.90	359.40	3.832		
15,400.00	7,258.54	7,288.54	7,288.54	239.21	252.72	90.23	1,218.54	-5,724.34	1,468.07	1,113.44	354.63	4.140		
15,500.00	7,258.72	7,288.72	7,288.72	242.04	252.73	90.25	1,218.54	-5,724.34	1,559.96	1,209.58	350.38	4.452		
15,600.00	7,258.90	7,288.90	7,288.90	244.87	252.73	90.26	1,218.54	-5,724.34	1,652.80	1,306.21	346.59	4.769		
15,700.00	7,259.08	7,289.08	7,289.08	247.70	252.74	90.28	1,218.54	-5,724.34	1,746.43	1,403.23	343.19	5.089		
15,800.00	7,259.25	7,289.25	7,289.25	250.53	252.74	90.30	1,218.54	-5,724.34	1,840.72	1,500.58	340.15	5.412		
15,900.00	7,259.43	7,289.43	7,289.43	253.36	252.75	90.31	1,218.54	-5,724.34	1,935.59	1,598.20	337.40	5.737		
16,000.00	7,259.61	7,289.61	7,289.61	256.19	252.76	90.33	1,218.54	-5,724.34	2,030.96	1,696.04	334.92	6.064		
16,100.00	7,259.78	7,289.78	7,289.78	259.02	252.76	90.35	1,218.54	-5,724.34	2,126.75	1,794.08	332.67	6.393		
16,200.00	7,259.96	7,289.96	7,289.96	261.85	252.77	90.36	1,218.54	-5,724.34	2,222.91	1,892.28	330.62	6.723		
16,300.00	7,260.14	7,309.86	7,290.14	264.68	253.46	90.38	1,218.54	-5,724.34	2,319.39	1,989.95	329.45	7.040		
16,400.00	7,260.32	7,309.69	7,290.32	267.52	253.46	90.40	1,218.54	-5,724.34	2,416.16	2,088.43	327.73	7.372		
16,500.00	7,260.49	7,309.51	7,290.49	270.35	253.45	90.42	1,218.54	-5,724.34	2,513.18	2,187.03	326.16	7.705		
16,600.00	7,260.67	7,309.33	7,290.67	273.19	253.44	90.43	1,218.54	-5,724.34	2,610.43	2,285.72	324.71	8.039		
16,700.00	7,260.85	7,309.15	7,290.85	276.02	253.44	90.45	1,218.54	-5,724.34	2,707.88	2,384.50	323.38	8.374		
16,800.00	7,261.02	7,308.98	7,291.02	278.86	253.43	90.47	1,218.54	-5,724.34	2,805.51	2,483.35	322.15	8.709		
16,900.00	7,261.20	7,308.80	7,291.20	281.69	253.43	90.48	1,218.54	-5,724.34	2,903.30	2,582.28	321.02	9.044		
17,000.00	7,261.38	7,308.62	7,291.38	284.53	253.42	90.50	1,218.54	-5,724.34	3,001.23	2,681.26	319.97	9.380		
17,100.00	7,261.56	7,308.45	7,291.56	287.37	253.41	90.52	1,218.54	-5,724.34	3,099.30	2,780.30	319.00	9.716		
17,200.00	7,261.73	7,308.27	7,291.73	290.21	253.41	90.53	1,218.54	-5,724.34	3,197.49	2,879.39	318.09	10.052		
17,300.00	7,261.91	7,308.09	7,291.91	293.04	253.40	90.55	1,218.54	-5,724.34	3,295.78	2,978.53	317.25	10.388		
17,400.00	7,262.09	7,307.91	7,292.09	295.88	253.40	90.57	1,218.54	-5,724.34	3,394.18	3,077.71	316.47	10.725		
17,500.00	7,262.26	7,307.74	7,292.26	298.72	253.39	90.59	1,218.54	-5,724.34	3,492.66	3,176.92	315.74	11.062		
17,600.00	7,262.44	7,307.56	7,292.44	301.56	253.38	90.60	1,218.54	-5,724.34	3,591.23	3,276.17	315.06	11.398		
17,700.00	7,262.62	7,307.38	7,292.62	304.40	253.38	90.62	1,218.54	-5,724.34	3,689.88	3,375.45	314.43	11.735		
17,800.00	7,262.80	7,307.20	7,292.80	307.24	253.37	90.64	1,218.54	-5,724.34	3,788.60	3,474.77	313.83	12.072		
17,900.00	7,262.97	7,307.03	7,292.97	310.08	253.36	90.65	1,218.54	-5,724.34	3,887.38	3,574.11	313.28	12.409		
18,000.00	7,263.15	7,306.85	7,293.15	312.92	253.36	90.67	1,218.54	-5,724.34	3,986.23	3,673.47	312.76	12.746		
18,100.00	7,263.33	7,306.67	7,293.33	315.76	253.35	90.69	1,218.54	-5,724.34	4,085.13	3,772.86	312.27	13.082		
18,200.00	7,263.50	7,306.50	7,293.50	318.61	253.35	90.70	1,218.54	-5,724.34	4,184.08	3,872.27	311.81	13.419		
18,300.00	7,263.68	7,306.32	7,293.68	321.45	253.34	90.72	1,218.54	-5,724.34	4,283.08	3,971.70	311.38	13.755		
18,400.00	7,263.86	7,306.14	7,293.86	324.29	253.33	90.74	1,218.54	-5,724.34	4,382.13	4,071.15	310.98	14.092		
18,500.00	7,264.04	7,305.96	7,294.04	327.13	253.33	90.76	1,218.54	-5,724.34	4,481.22	4,170.62	310.60	14.428		
18,600.00	7,264.21	7,305.79	7,294.21	329.97	253.32	90.77	1,218.54	-5,724.34	4,580.35	4,270.10	310.24	14.764		
18,700.00	7,264.39	7,305.61	7,294.39	332.82	253.32	90.79	1,218.54	-5,724.34	4,679.51	4,369.60	309.91	15.100		
18,800.00	7,264.57	7,305.43	7,294.57	335.66	253.31	90.81	1,218.54	-5,724.34	4,778.71	4,469.12	309.59	15.435		
18,900.00	7,264.74	7,305.26	7,294.74	338.51	253.30	90.82	1,218.54	-5,724.34	4,877.94	4,568.65	309.30	15.771		
19,000.00	7,264.92	7,305.08	7,294.92	341.35	253.30	90.84	1,218.54	-5,724.34	4,977.21	4,668.19	309.02	16.106		
19,044.52	7,265.00	7,305.00	7,295.00	342.62	253.29	90.85	1,218.54	-5,724.34	5,021.41	4,712.51	308.90	16.256		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	23.00	23.00	3.28	3.30	-89.82	13.50	-4,372.24	4,372.26					
100.00	100.00	123.00	123.00	3.28	4.15	-89.82	13.50	-4,372.24	4,372.26	4,364.82	7.44	587.799		
200.00	200.00	223.00	223.00	3.34	6.87	-89.82	13.50	-4,372.24	4,372.26	4,362.05	10.21	428.247		
300.00	299.98	322.98	322.98	3.44	10.08	-155.38	13.50	-4,372.24	4,373.84	4,360.32	13.52	323.457		
400.00	399.84	422.84	422.84	3.60	13.42	-155.37	13.50	-4,372.24	4,378.60	4,361.58	17.02	257.187		
500.00	499.45	522.45	522.45	3.81	16.82	-155.35	13.50	-4,372.24	4,386.53	4,365.91	20.62	212.693		
600.00	598.70	621.70	621.70	4.06	20.23	-155.32	13.50	-4,372.24	4,397.62	4,373.34	24.28	181.128		
700.00	697.47	720.47	720.47	4.34	23.63	-155.29	13.50	-4,372.24	4,411.86	4,383.89	27.97	157.743		
800.00	795.62	818.62	818.62	4.66	27.03	-155.24	13.50	-4,372.24	4,429.25	4,397.57	31.68	139.823		
824.00	819.08	842.08	842.08	4.75	27.85	-155.23	13.50	-4,372.24	4,433.88	4,401.31	32.57	136.122		
900.00	893.28	916.28	916.28	5.02	30.42	-155.32	13.50	-4,372.24	4,448.86	4,413.47	35.40	125.679		
1,000.00	990.92	1,013.92	1,013.92	5.40	33.81	-155.43	13.50	-4,372.24	4,468.59	4,429.45	39.14	114.176		
1,100.00	1,088.56	1,111.56	1,111.56	5.80	37.20	-155.55	13.50	-4,372.24	4,488.33	4,445.43	42.90	104.629		
1,200.00	1,186.19	1,209.19	1,209.19	6.21	40.60	-155.66	13.50	-4,372.24	4,508.09	4,461.42	46.67	96.586		
1,300.00	1,283.83	1,306.83	1,306.83	6.64	44.00	-155.77	13.50	-4,372.24	4,527.87	4,477.40	50.46	89.724		
1,400.00	1,381.47	1,404.47	1,404.47	7.08	47.40	-155.88	13.50	-4,372.24	4,547.66	4,493.39	54.27	83.803		
1,500.00	1,479.10	1,502.10	1,502.10	7.53	50.80	-156.00	13.50	-4,372.24	4,567.47	4,509.39	58.08	78.645		
1,600.00	1,576.74	1,600.26	1,599.74	7.99	54.22	-156.10	13.50	-4,372.24	4,587.29	4,525.38	61.91	74.092		
1,700.00	1,674.38	1,702.62	1,697.38	8.45	57.79	-156.21	13.50	-4,372.24	4,607.14	4,541.23	65.90	69.907		
1,800.00	1,772.02	1,804.98	1,795.02	8.92	61.35	-156.32	13.50	-4,372.24	4,626.99	4,557.10	69.90	66.196		
1,900.00	1,869.65	1,907.35	1,892.65	9.39	64.92	-156.43	13.50	-4,372.24	4,646.87	4,572.97	73.90	62.881		
2,000.00	1,967.29	2,009.71	1,990.29	9.87	68.49	-156.53	13.50	-4,372.24	4,666.76	4,588.85	77.90	59.904		
2,100.00	2,064.93	2,087.93	2,087.93	10.35	71.22	-156.64	13.50	-4,372.24	4,686.66	4,605.59	81.07	57.811		
2,200.00	2,162.56	2,185.56	2,185.56	10.83	74.62	-156.74	13.50	-4,372.24	4,706.58	4,621.66	84.92	55.427		
2,300.00	2,260.20	2,283.20	2,283.20	11.32	78.03	-156.84	13.50	-4,372.24	4,726.51	4,637.75	88.76	53.248		
2,400.00	2,357.84	2,380.84	2,380.84	11.80	81.44	-156.95	13.50	-4,372.24	4,746.46	4,653.85	92.61	51.250		
2,500.00	2,455.48	2,478.48	2,478.48	12.29	84.84	-157.05	13.50	-4,372.24	4,766.42	4,669.96	96.47	49.410		
2,600.00	2,553.11	2,576.11	2,576.11	12.78	88.25	-157.15	13.50	-4,372.24	4,786.40	4,686.08	100.32	47.710		
2,700.00	2,650.75	2,673.75	2,673.75	13.27	91.65	-157.25	13.50	-4,372.24	4,806.39	4,702.21	104.18	46.136		
2,800.00	2,748.39	2,771.39	2,771.39	13.77	95.06	-157.35	13.50	-4,372.24	4,826.40	4,718.36	108.04	44.674		
2,900.00	2,846.02	2,869.02	2,869.02	14.26	98.47	-157.45	13.50	-4,372.24	4,846.42	4,734.52	111.90	43.312		
3,000.00	2,943.66	2,966.66	2,966.66	14.76	101.87	-157.54	13.50	-4,372.24	4,866.45	4,750.69	115.76	42.041		
3,100.00	3,041.30	3,064.30	3,064.30	15.25	105.28	-157.64	13.50	-4,372.24	4,886.50	4,766.88	119.62	40.851		
3,200.00	3,138.94	3,161.94	3,161.94	15.75	108.69	-157.73	13.50	-4,372.24	4,906.56	4,783.08	123.48	39.736		
3,300.00	3,236.57	3,259.57	3,259.57	16.25	112.09	-157.83	13.50	-4,372.24	4,926.63	4,799.29	127.34	38.688		
3,400.00	3,334.21	3,357.21	3,357.21	16.75	115.50	-157.92	13.50	-4,372.24	4,946.71	4,815.51	131.21	37.702		
3,500.00	3,431.85	3,454.85	3,454.85	17.25	118.91	-158.02	13.50	-4,372.24	4,966.81	4,831.74	135.07	36.772		
3,600.00	3,529.48	3,552.48	3,552.48	17.75	122.32	-158.11	13.50	-4,372.24	4,986.92	4,847.99	138.94	35.894		
3,700.00	3,627.12	3,650.12	3,650.12	18.25	125.72	-158.20	13.50	-4,372.24	5,007.05	4,864.24	142.80	35.063		
3,800.00	3,724.76	3,747.76	3,747.76	18.75	129.13	-158.29	13.50	-4,372.24	5,027.18	4,880.51	146.67	34.276		
3,900.00	3,822.40	3,845.40	3,845.40	19.25	132.54	-158.38	13.50	-4,372.24	5,047.33	4,896.79	150.53	33.529		
4,000.00	3,920.03	3,943.03	3,943.03	19.75	135.95	-158.47	13.50	-4,372.24	5,067.49	4,913.09	154.40	32.820		
4,100.00	4,017.67	4,040.67	4,040.67	20.25	139.35	-158.56	13.50	-4,372.24	5,087.66	4,929.39	158.27	32.145		
4,200.00	4,115.31	4,138.31	4,138.31	20.76	142.76	-158.65	13.50	-4,372.24	5,107.85	4,945.71	162.14	31.503		
4,300.00	4,212.94	4,235.94	4,235.94	21.26	146.17	-158.74	13.50	-4,372.24	5,128.04	4,962.03	166.01	30.891		
4,400.00	4,310.58	4,333.58	4,333.58	21.76	149.58	-158.82	13.50	-4,372.24	5,148.25	4,978.37	169.88	30.306		
4,500.00	4,408.22	4,431.22	4,431.22	22.27	152.98	-158.91	13.50	-4,372.24	5,168.47	4,994.72	173.74	29.748		
4,600.00	4,505.86	4,528.86	4,528.86	22.77	156.39	-159.00	13.50	-4,372.24	5,188.69	5,011.08	177.61	29.213		
4,700.00	4,603.49	4,626.49	4,626.49	23.28	159.80	-159.08	13.50	-4,372.24	5,208.94	5,027.45	181.48	28.702		
4,800.00	4,701.13	4,724.13	4,724.13	23.78	163.21	-159.17	13.50	-4,372.24	5,229.19	5,043.83	185.35	28.212		
4,900.00	4,798.77	4,821.77	4,821.77	24.28	166.62	-159.25	13.50	-4,372.24	5,249.45	5,060.23	189.22	27.742		
5,000.00	4,896.40	4,919.40	4,919.40	24.79	170.02	-159.33	13.50	-4,372.24	5,269.72	5,076.63	193.09	27.291		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,017.04	5,017.04	25.30	173.43	-159.42	13.50	-4,372.24	5,290.01	5,093.04	196.96	26.858		
5,200.00	5,091.68	5,114.68	5,114.68	25.80	176.84	-159.50	13.50	-4,372.24	5,310.30	5,109.46	200.84	26.441		
5,300.00	5,189.32	5,212.32	5,212.32	26.31	180.25	-159.58	13.50	-4,372.24	5,330.60	5,125.90	204.71	26.040		
5,400.00	5,286.95	5,309.95	5,309.95	26.81	183.65	-159.66	13.50	-4,372.24	5,350.92	5,142.34	208.58	25.654		
5,500.00	5,384.59	5,407.59	5,407.59	27.32	187.06	-159.74	13.50	-4,372.24	5,371.24	5,158.79	212.45	25.283		
5,600.00	5,482.23	5,505.23	5,505.23	27.82	190.47	-159.82	13.50	-4,372.24	5,391.58	5,175.26	216.32	24.924		
5,700.00	5,579.87	5,602.87	5,602.87	28.33	193.88	-159.90	13.50	-4,372.24	5,411.92	5,191.73	220.19	24.578		
5,800.00	5,677.50	5,700.50	5,700.50	28.84	197.29	-159.97	13.50	-4,372.24	5,432.28	5,208.21	224.06	24.244		
5,900.00	5,775.14	5,801.86	5,798.14	29.34	200.82	-160.05	13.50	-4,372.24	5,452.64	5,224.57	228.07	23.908		
6,000.00	5,872.78	5,904.22	5,895.78	29.85	204.40	-160.13	13.50	-4,372.24	5,473.01	5,240.91	232.10	23.580		
6,100.00	5,970.41	6,006.59	5,993.41	30.36	207.97	-160.21	13.50	-4,372.24	5,493.40	5,257.26	236.14	23.263		
6,200.00	6,068.05	6,108.95	6,091.05	30.86	211.54	-160.28	13.50	-4,372.24	5,513.79	5,273.61	240.18	22.957		
6,300.00	6,165.69	6,188.69	6,188.69	31.37	214.33	-160.36	13.50	-4,372.24	5,534.19	5,290.77	243.42	22.735		
6,400.00	6,263.33	6,286.33	6,286.33	31.88	217.74	-160.43	13.50	-4,372.24	5,554.60	5,307.30	247.30	22.461		
6,500.00	6,360.96	6,383.96	6,383.96	32.38	221.14	-160.51	13.50	-4,372.24	5,575.02	5,323.85	251.17	22.196		
6,600.00	6,458.60	6,481.60	6,481.60	32.89	224.55	-160.58	13.50	-4,372.24	5,595.45	5,340.41	255.04	21.939		
6,628.42	6,486.35	6,509.35	6,509.35	33.04	225.52	-160.60	13.50	-4,372.24	5,601.26	5,345.11	256.14	21.868		
6,650.00	6,507.49	6,530.49	6,530.49	33.14	226.26	-156.27	13.50	-4,372.24	5,605.31	5,348.33	256.98	21.812		
6,700.00	6,556.88	6,579.88	6,579.88	33.37	227.98	-138.53	13.50	-4,372.24	5,611.94	5,353.02	258.92	21.674		
6,750.00	6,606.60	6,629.60	6,629.60	33.58	229.72	-99.94	13.50	-4,372.24	5,614.69	5,353.82	260.87	21.523		
6,800.00	6,656.35	6,679.35	6,679.35	33.76	231.45	-57.70	13.50	-4,372.24	5,613.53	5,350.73	262.79	21.361		
6,850.00	6,705.83	6,728.83	6,728.83	33.94	233.18	-37.25	13.50	-4,372.24	5,608.47	5,343.79	264.69	21.189		
6,900.00	6,754.72	6,777.72	6,777.72	34.12	234.89	-27.90	13.50	-4,372.24	5,599.56	5,333.02	266.54	21.008		
6,950.00	6,802.72	6,825.72	6,825.72	34.31	236.56	-22.92	13.50	-4,372.24	5,586.84	5,318.49	268.35	20.819		
7,000.00	6,849.54	6,872.54	6,872.54	34.50	238.20	-19.99	13.50	-4,372.24	5,570.39	5,300.30	270.10	20.624		
7,050.00	6,894.89	6,917.89	6,917.89	34.71	239.78	-18.15	13.50	-4,372.24	5,550.32	5,278.55	271.77	20.423		
7,100.00	6,938.49	6,961.49	6,961.49	34.93	241.30	-17.00	13.50	-4,372.24	5,526.75	5,253.38	273.37	20.217		
7,150.00	6,980.07	7,003.07	7,003.07	35.17	242.75	-16.33	13.50	-4,372.24	5,499.82	5,224.94	274.88	20.008		
7,200.00	7,019.38	7,042.38	7,042.38	35.43	244.13	-16.02	13.50	-4,372.24	5,469.71	5,193.41	276.30	19.796		
7,250.00	7,056.17	7,079.17	7,079.17	35.71	245.41	-16.03	13.50	-4,372.24	5,436.59	5,158.98	277.62	19.583		
7,300.00	7,090.21	7,113.21	7,113.21	36.03	246.60	-16.34	13.50	-4,372.24	5,400.68	5,121.86	278.82	19.370		
7,350.00	7,121.30	7,144.30	7,144.30	36.37	247.68	-16.97	13.50	-4,372.24	5,362.20	5,082.28	279.92	19.156		
7,400.00	7,149.25	7,172.25	7,172.25	36.75	248.66	-18.00	13.50	-4,372.24	5,321.38	5,040.48	280.89	18.945		
7,450.00	7,173.87	7,203.13	7,196.87	37.17	249.74	-19.54	13.50	-4,372.24	5,278.47	4,996.50	281.96	18.720		
7,500.00	7,195.03	7,218.03	7,218.03	37.62	250.26	-21.80	13.50	-4,372.24	5,233.74	4,951.26	282.48	18.528		
7,550.00	7,212.58	7,235.58	7,235.58	38.11	250.87	-25.22	13.50	-4,372.24	5,187.46	4,904.39	283.08	18.325		
7,600.00	7,226.43	7,249.43	7,249.43	38.64	251.35	-30.59	13.50	-4,372.24	5,139.93	4,856.38	283.55	18.127		
7,650.00	7,236.48	7,259.48	7,259.48	39.20	251.70	-39.73	13.50	-4,372.24	5,091.42	4,807.53	283.89	17.934		
7,700.00	7,242.68	7,265.68	7,265.68	39.79	251.92	-56.61	13.50	-4,372.24	5,042.25	4,758.14	284.11	17.748		
7,753.32	7,245.00	7,268.00	7,268.00	40.44	252.00	-89.17	13.50	-4,372.24	4,989.41	4,705.21	284.19	17.556		
7,800.00	7,245.08	7,268.08	7,268.08	41.04	252.00	-89.18	13.50	-4,372.24	4,943.08	4,658.87	284.21	17.393		
7,900.00	7,245.26	7,268.26	7,268.26	42.43	252.01	-89.20	13.50	-4,372.24	4,843.85	4,559.62	284.24	17.042		
8,000.00	7,245.43	7,268.43	7,268.43	43.97	252.02	-89.21	13.50	-4,372.24	4,744.66	4,460.38	284.28	16.690		
8,100.00	7,245.61	7,268.61	7,268.61	45.64	252.02	-89.23	13.50	-4,372.24	4,645.50	4,361.18	284.32	16.339		
8,200.00	7,245.79	7,268.79	7,268.79	47.42	252.03	-89.25	13.50	-4,372.24	4,546.38	4,262.00	284.38	15.987		
8,300.00	7,245.97	7,268.97	7,268.97	49.30	252.04	-89.26	13.50	-4,372.24	4,447.29	4,162.85	284.45	15.635		
8,400.00	7,246.14	7,269.14	7,269.14	51.28	252.04	-89.28	13.50	-4,372.24	4,348.25	4,063.73	284.52	15.283		
8,500.00	7,246.32	7,269.32	7,269.32	53.34	252.05	-89.30	13.50	-4,372.24	4,249.25	3,964.64	284.61	14.930		
8,600.00	7,246.50	7,269.50	7,269.50	55.46	252.05	-89.31	13.50	-4,372.24	4,150.31	3,865.59	284.72	14.577		
8,700.00	7,246.67	7,269.67	7,269.67	57.66	252.06	-89.33	13.50	-4,372.24	4,051.41	3,766.57	284.84	14.224		
8,800.00	7,246.85	7,269.85	7,269.85	59.90	252.07	-89.35	13.50	-4,372.24	3,952.57	3,667.59	284.97	13.870		
8,900.00	7,247.03	7,270.03	7,270.03	62.20	252.07	-89.36	13.50	-4,372.24	3,853.78	3,568.66	285.13	13.516		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,270.21	7,270.21	64.55	252.08	-89.38	13.50	-4,372.24	3,755.07	3,469.76	285.30	13.162		
9,100.00	7,247.38	7,270.38	7,270.38	66.93	252.09	-89.40	13.50	-4,372.24	3,656.42	3,370.92	285.50	12.807		
9,200.00	7,247.56	7,270.56	7,270.56	69.35	252.09	-89.41	13.50	-4,372.24	3,557.85	3,272.12	285.73	12.452		
9,300.00	7,247.74	7,270.74	7,270.74	71.80	252.10	-89.43	13.50	-4,372.24	3,459.36	3,173.37	285.98	12.096		
9,400.00	7,247.91	7,270.91	7,270.91	74.29	252.10	-89.45	13.50	-4,372.24	3,360.96	3,074.68	286.27	11.740		
9,500.00	7,248.09	7,271.09	7,271.09	76.79	252.11	-89.46	13.50	-4,372.24	3,262.65	2,976.05	286.60	11.384		
9,600.00	7,248.27	7,271.27	7,271.27	79.33	252.12	-89.48	13.50	-4,372.24	3,164.45	2,877.49	286.96	11.027		
9,700.00	7,248.45	7,271.45	7,271.45	81.88	252.12	-89.50	13.50	-4,372.24	3,066.37	2,779.00	287.38	10.670		
9,800.00	7,248.62	7,271.62	7,271.62	84.45	252.13	-89.51	13.50	-4,372.24	2,968.42	2,680.58	287.84	10.313		
9,900.00	7,248.80	7,271.80	7,271.80	87.04	252.13	-89.53	13.50	-4,372.24	2,870.61	2,582.24	288.37	9.955		
10,000.00	7,248.98	7,271.98	7,271.98	89.65	252.14	-89.55	13.50	-4,372.24	2,772.95	2,483.99	288.96	9.596		
10,100.00	7,249.15	7,272.15	7,272.15	92.28	252.15	-89.56	13.50	-4,372.24	2,675.47	2,385.84	289.62	9.238		
10,200.00	7,249.33	7,272.33	7,272.33	94.91	252.15	-89.58	13.50	-4,372.24	2,578.18	2,287.80	290.38	8.879		
10,300.00	7,249.51	7,272.51	7,272.51	97.56	252.16	-89.60	13.50	-4,372.24	2,481.10	2,189.88	291.23	8.519		
10,400.00	7,249.69	7,272.69	7,272.69	100.22	252.17	-89.61	13.50	-4,372.24	2,384.27	2,092.08	292.19	8.160		
10,500.00	7,249.86	7,272.86	7,272.86	102.89	252.17	-89.63	13.50	-4,372.24	2,287.71	1,994.43	293.28	7.801		
10,600.00	7,250.04	7,273.04	7,273.04	105.57	252.18	-89.65	13.50	-4,372.24	2,191.46	1,896.95	294.51	7.441		
10,700.00	7,250.22	7,273.22	7,273.22	108.27	252.18	-89.66	13.50	-4,372.24	2,095.56	1,799.65	295.91	7.082		
10,800.00	7,250.39	7,273.39	7,273.39	110.96	252.19	-89.68	13.50	-4,372.24	2,000.06	1,702.56	297.50	6.723		
10,900.00	7,250.57	7,273.57	7,273.57	113.67	252.20	-89.70	13.50	-4,372.24	1,905.02	1,605.72	299.30	6.365		
11,000.00	7,250.75	7,273.75	7,273.75	116.39	252.20	-89.71	13.50	-4,372.24	1,810.52	1,509.16	301.36	6.008		
11,100.00	7,250.93	7,273.93	7,273.93	119.11	252.21	-89.73	13.50	-4,372.24	1,716.64	1,412.92	303.71	5.652		
11,200.00	7,251.10	7,274.10	7,274.10	121.83	252.22	-89.75	13.50	-4,372.24	1,623.49	1,317.09	306.40	5.299		
11,300.00	7,251.28	7,274.28	7,274.28	124.57	252.22	-89.77	13.50	-4,372.24	1,531.21	1,221.72	309.48	4.948		
11,400.00	7,251.46	7,274.46	7,274.46	127.31	252.23	-89.78	13.50	-4,372.24	1,439.95	1,126.93	313.02	4.600		
11,500.00	7,251.63	7,274.63	7,274.63	130.05	252.23	-89.80	13.50	-4,372.24	1,349.94	1,032.85	317.09	4.257		
11,600.00	7,251.81	7,274.81	7,274.81	132.80	252.24	-89.82	13.50	-4,372.24	1,261.43	939.65	321.78	3.920		
11,700.00	7,251.99	7,274.99	7,274.99	135.55	252.25	-89.83	13.50	-4,372.24	1,174.77	847.58	327.19	3.591		
11,800.00	7,252.17	7,275.17	7,275.17	138.31	252.25	-89.85	13.50	-4,372.24	1,090.39	756.96	333.43	3.270		
11,900.00	7,252.34	7,275.34	7,275.34	141.07	252.26	-89.87	13.50	-4,372.24	1,008.87	668.26	340.61	2.962		
12,000.00	7,252.52	7,275.52	7,275.52	143.84	252.26	-89.88	13.50	-4,372.24	930.96	582.13	348.84	2.669		
12,100.00	7,252.70	7,275.70	7,275.70	146.61	252.27	-89.90	13.50	-4,372.24	857.65	499.48	358.17	2.395		
12,200.00	7,252.87	7,275.87	7,275.87	149.38	252.28	-89.92	13.50	-4,372.24	790.21	421.66	368.55	2.144		
12,300.00	7,253.05	7,276.05	7,276.05	152.16	252.28	-89.93	13.50	-4,372.24	730.28	350.54	379.74	1.923		
12,400.00	7,253.23	7,276.23	7,276.23	154.94	252.29	-89.95	13.50	-4,372.24	679.84	288.67	391.16	1.738		
12,500.00	7,253.41	7,276.41	7,276.41	157.72	252.30	-89.97	13.50	-4,372.24	641.13	239.30	401.83	1.596		
12,600.00	7,253.58	7,276.58	7,276.58	160.51	252.30	-89.98	13.50	-4,372.24	616.37	205.97	410.41	1.502		
12,700.00	7,253.76	7,276.76	7,276.76	163.29	252.31	-90.00	13.50	-4,372.24	607.28	191.69	415.59	1.461 Level 3		
12,705.65	7,253.77	7,276.77	7,276.77	163.45	252.31	-90.00	13.50	-4,372.24	607.25	191.49	415.76	1.461 Level 3, CC, ES, SF		
12,800.00	7,253.94	7,276.94	7,276.94	166.08	252.31	-90.02	13.50	-4,372.24	614.54	197.92	416.62	1.475 Level 3		
12,900.00	7,254.11	7,277.11	7,277.11	168.88	252.32	-90.03	13.50	-4,372.24	637.60	223.89	413.71	1.541		
13,000.00	7,254.29	7,277.29	7,277.29	171.67	252.33	-90.05	13.50	-4,372.24	674.83	267.02	407.82	1.655		
13,100.00	7,254.47	7,277.47	7,277.47	174.47	252.33	-90.07	13.50	-4,372.24	724.07	323.87	400.19	1.809		
13,200.00	7,254.65	7,277.65	7,277.65	177.27	252.34	-90.08	13.50	-4,372.24	783.03	391.13	391.91	1.998		
13,300.00	7,254.82	7,277.82	7,277.82	180.07	252.35	-90.10	13.50	-4,372.24	849.71	466.03	383.68	2.215		
13,400.00	7,255.00	7,278.00	7,278.00	182.87	252.35	-90.12	13.50	-4,372.24	922.43	546.49	375.94	2.454		
13,500.00	7,255.18	7,278.18	7,278.18	185.67	252.36	-90.13	13.50	-4,372.24	999.88	631.02	368.86	2.711		
13,600.00	7,255.35	7,278.35	7,278.35	188.48	252.36	-90.15	13.50	-4,372.24	1,081.03	718.54	362.49	2.982		
13,700.00	7,255.53	7,278.53	7,278.53	191.29	252.37	-90.17	13.50	-4,372.24	1,165.11	808.31	356.81	3.265		
13,800.00	7,255.71	7,278.71	7,278.71	194.10	252.38	-90.18	13.50	-4,372.24	1,251.54	899.78	351.76	3.558		
13,900.00	7,255.89	7,278.89	7,278.89	196.91	252.38	-90.20	13.50	-4,372.24	1,339.86	992.58	347.29	3.858		
14,000.00	7,256.06	7,279.06	7,279.06	199.72	252.39	-90.22	13.50	-4,372.24	1,429.72	1,086.41	343.31	4.164		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,279.24	7,279.24	202.53	252.39	-90.23	13.50	-4,372.24	1,520.85	1,181.07	339.78	4.476		
14,200.00	7,256.42	7,279.42	7,279.42	205.35	252.40	-90.25	13.50	-4,372.24	1,613.02	1,276.40	336.62	4.792		
14,300.00	7,256.59	7,279.59	7,279.59	208.16	252.41	-90.27	13.50	-4,372.24	1,706.08	1,372.28	333.80	5.111		
14,400.00	7,256.77	7,279.77	7,279.77	210.98	252.41	-90.28	13.50	-4,372.24	1,799.88	1,468.62	331.27	5.433		
14,500.00	7,256.95	7,279.95	7,279.95	213.80	252.42	-90.30	13.50	-4,372.24	1,894.32	1,565.33	328.99	5.758		
14,600.00	7,257.13	7,280.13	7,280.13	216.62	252.43	-90.32	13.50	-4,372.24	1,989.30	1,662.37	326.93	6.085		
14,700.00	7,257.30	7,280.30	7,280.30	219.44	252.43	-90.33	13.50	-4,372.24	2,084.75	1,759.68	325.07	6.413		
14,800.00	7,257.48	7,280.48	7,280.48	222.26	252.44	-90.35	13.50	-4,372.24	2,180.61	1,857.23	323.38	6.743		
14,900.00	7,257.66	7,280.66	7,280.66	225.08	252.44	-90.37	13.50	-4,372.24	2,276.82	1,954.99	321.84	7.074		
15,000.00	7,257.83	7,280.83	7,280.83	227.91	252.45	-90.38	13.50	-4,372.24	2,373.35	2,052.92	320.43	7.407		
15,100.00	7,258.01	7,281.01	7,281.01	230.73	252.46	-90.40	13.50	-4,372.24	2,470.16	2,151.01	319.15	7.740		
15,200.00	7,258.19	7,281.19	7,281.19	233.56	252.46	-90.42	13.50	-4,372.24	2,567.20	2,249.24	317.97	8.074		
15,300.00	7,258.37	7,281.37	7,281.37	236.38	252.47	-90.43	13.50	-4,372.24	2,664.47	2,347.59	316.88	8.408		
15,400.00	7,258.54	7,281.54	7,281.54	239.21	252.47	-90.45	13.50	-4,372.24	2,761.93	2,446.05	315.89	8.743		
15,500.00	7,258.72	7,281.72	7,281.72	242.04	252.48	-90.47	13.50	-4,372.24	2,859.57	2,544.60	314.97	9.079		
15,600.00	7,258.90	7,281.90	7,281.90	244.87	252.49	-90.48	13.50	-4,372.24	2,957.37	2,643.25	314.12	9.415		
15,700.00	7,259.08	7,282.08	7,282.08	247.70	252.49	-90.50	13.50	-4,372.24	3,055.30	2,741.97	313.33	9.751		
15,800.00	7,259.25	7,282.25	7,282.25	250.53	252.50	-90.52	13.50	-4,372.24	3,153.37	2,840.77	312.60	10.087		
15,900.00	7,259.43	7,282.43	7,282.43	253.36	252.51	-90.53	13.50	-4,372.24	3,251.56	2,939.63	311.93	10.424		
16,000.00	7,259.61	7,282.61	7,282.61	256.19	252.51	-90.55	13.50	-4,372.24	3,349.85	3,038.55	311.30	10.761		
16,100.00	7,259.78	7,282.78	7,282.78	259.02	252.52	-90.57	13.50	-4,372.24	3,448.24	3,137.52	310.72	11.098		
16,200.00	7,259.96	7,282.96	7,282.96	261.85	252.52	-90.58	13.50	-4,372.24	3,546.72	3,236.55	310.17	11.435		
16,300.00	7,260.14	7,283.14	7,283.14	264.68	252.53	-90.60	13.50	-4,372.24	3,645.28	3,335.62	309.67	11.772		
16,400.00	7,260.32	7,283.32	7,283.32	267.52	252.54	-90.62	13.50	-4,372.24	3,743.92	3,434.73	309.19	12.109		
16,500.00	7,260.49	7,283.49	7,283.49	270.35	252.54	-90.63	13.50	-4,372.24	3,842.63	3,533.88	308.75	12.446		
16,600.00	7,260.67	7,283.67	7,283.67	273.19	252.55	-90.65	13.50	-4,372.24	3,941.41	3,633.07	308.34	12.783		
16,700.00	7,260.85	7,283.85	7,283.85	276.02	252.56	-90.67	13.50	-4,372.24	4,040.24	3,732.29	307.96	13.119		
16,800.00	7,261.02	7,284.02	7,284.02	278.86	252.56	-90.68	13.50	-4,372.24	4,139.13	3,831.54	307.60	13.456		
16,900.00	7,261.20	7,284.20	7,284.20	281.69	252.57	-90.70	13.50	-4,372.24	4,238.08	3,930.82	307.26	13.793		
17,000.00	7,261.38	7,284.38	7,284.38	284.53	252.57	-90.72	13.50	-4,372.24	4,337.07	4,030.12	306.95	14.130		
17,100.00	7,261.56	7,284.56	7,284.56	287.37	252.58	-90.73	13.50	-4,372.24	4,436.11	4,129.45	306.65	14.466		
17,200.00	7,261.73	7,284.73	7,284.73	290.21	252.59	-90.75	13.50	-4,372.24	4,535.19	4,228.81	306.38	14.803		
17,300.00	7,261.91	7,284.91	7,284.91	293.04	252.59	-90.77	13.50	-4,372.24	4,634.30	4,328.18	306.12	15.139		
17,400.00	7,262.09	7,285.09	7,285.09	295.88	252.60	-90.78	13.50	-4,372.24	4,733.46	4,427.58	305.88	15.475		
17,500.00	7,262.26	7,285.26	7,285.26	298.72	252.60	-90.80	13.50	-4,372.24	4,832.65	4,527.00	305.65	15.811		
17,600.00	7,262.44	7,285.44	7,285.44	301.56	252.61	-90.82	13.50	-4,372.24	4,931.87	4,626.43	305.44	16.147		
17,700.00	7,262.62	7,285.62	7,285.62	304.40	252.62	-90.83	13.50	-4,372.24	5,031.13	4,725.88	305.25	16.482		
17,800.00	7,262.80	7,285.80	7,285.80	307.24	252.62	-90.85	13.50	-4,372.24	5,130.41	4,825.35	305.06	16.818		
17,900.00	7,262.97	7,285.97	7,285.97	310.08	252.63	-90.87	13.50	-4,372.24	5,229.72	4,924.83	304.89	17.153		
18,000.00	7,263.15	7,286.15	7,286.15	312.92	252.64	-90.88	13.50	-4,372.24	5,329.06	5,024.32	304.73	17.488		
18,100.00	7,263.33	7,286.33	7,286.33	315.76	252.64	-90.90	13.50	-4,372.24	5,428.42	5,123.83	304.58	17.822		
18,200.00	7,263.50	7,286.50	7,286.50	318.61	252.65	-90.92	13.50	-4,372.24	5,527.80	5,223.36	304.44	18.157		
18,300.00	7,263.68	7,286.68	7,286.68	321.45	252.65	-90.94	13.50	-4,372.24	5,627.21	5,322.89	304.32	18.491		
18,400.00	7,263.86	7,286.86	7,286.86	324.29	252.66	-90.95	13.50	-4,372.24	5,726.63	5,422.44	304.20	18.825		
18,500.00	7,264.04	7,287.04	7,287.04	327.13	252.67	-90.97	13.50	-4,372.24	5,826.08	5,521.99	304.08	19.159		
18,600.00	7,264.21	7,287.21	7,287.21	329.97	252.67	-90.99	13.50	-4,372.24	5,925.54	5,621.56	303.98	19.493		
18,700.00	7,264.39	7,287.39	7,287.39	332.82	252.68	-91.00	13.50	-4,372.24	6,025.02	5,721.14	303.89	19.826		
18,800.00	7,264.57	7,287.57	7,287.57	335.66	252.69	-91.02	13.50	-4,372.24	6,124.52	5,820.72	303.80	20.160		
18,900.00	7,264.74	7,287.74	7,287.74	338.51	252.69	-91.04	13.50	-4,372.24	6,224.04	5,920.32	303.72	20.493		
19,000.00	7,264.92	7,287.92	7,287.92	341.35	252.70	-91.05	13.50	-4,372.24	6,323.57	6,019.92	303.65	20.825		
19,044.52	7,265.00	7,288.00	7,288.00	342.62	252.70	-91.06	13.50	-4,372.24	6,367.88	6,064.27	303.62	20.973		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	32.00	32.00	3.28	3.33	-93.28	-514.58	-8,978.54	8,993.28					
100.00	100.00	132.00	132.00	3.28	4.35	-93.28	-514.58	-8,978.54	8,993.28	8,985.64	7.64	1,177.408		
200.00	200.00	232.00	232.00	3.34	7.15	-93.28	-514.58	-8,978.54	8,993.28	8,982.79	10.49	857.536		
300.00	299.98	331.98	331.98	3.44	10.38	-158.83	-514.58	-8,978.54	8,994.90	8,981.09	13.82	650.871		
400.00	399.84	431.84	431.84	3.60	13.73	-158.81	-514.58	-8,978.54	8,999.79	8,982.46	17.33	519.317		
500.00	499.45	531.45	531.45	3.81	17.12	-158.77	-514.58	-8,978.54	9,007.91	8,986.98	20.93	430.332		
600.00	598.70	630.70	630.70	4.06	20.54	-158.72	-514.58	-8,978.54	9,019.28	8,994.69	24.59	366.790		
700.00	697.47	729.47	729.47	4.34	23.95	-158.64	-514.58	-8,978.54	9,033.88	9,005.60	28.28	319.438		
800.00	795.62	827.62	827.62	4.66	27.34	-158.56	-514.58	-8,978.54	9,051.69	9,019.70	31.99	282.954		
824.00	819.08	851.08	851.08	4.75	28.16	-158.53	-514.58	-8,978.54	9,056.44	9,023.55	32.89	275.391		
900.00	893.28	925.28	925.28	5.02	30.73	-158.57	-514.58	-8,978.54	9,071.77	9,036.06	35.71	254.031		
1,000.00	990.92	1,022.92	1,022.92	5.40	34.12	-158.62	-514.58	-8,978.54	9,091.95	9,052.50	39.45	230.470		
1,100.00	1,088.56	1,120.56	1,120.56	5.80	37.52	-158.67	-514.58	-8,978.54	9,112.14	9,068.93	43.21	210.887		
1,200.00	1,186.19	1,218.19	1,218.19	6.21	40.91	-158.72	-514.58	-8,978.54	9,132.34	9,085.35	46.98	194.369		
1,300.00	1,283.83	1,315.83	1,315.83	6.64	44.31	-158.77	-514.58	-8,978.54	9,152.54	9,101.76	50.77	180.260		
1,400.00	1,381.47	1,413.47	1,413.47	7.08	47.71	-158.82	-514.58	-8,978.54	9,172.75	9,118.17	54.57	168.077		
1,500.00	1,479.10	1,511.10	1,511.10	7.53	51.11	-158.86	-514.58	-8,978.54	9,192.96	9,134.58	58.38	157.455		
1,600.00	1,576.74	1,608.74	1,608.74	7.99	54.51	-158.91	-514.58	-8,978.54	9,213.18	9,150.98	62.20	148.116		
1,700.00	1,674.38	1,706.38	1,706.38	8.45	57.92	-158.96	-514.58	-8,978.54	9,233.41	9,167.38	66.03	139.844		
1,800.00	1,772.02	1,804.02	1,804.02	8.92	61.32	-159.01	-514.58	-8,978.54	9,253.64	9,183.79	69.86	132.466		
1,900.00	1,869.65	1,901.65	1,901.65	9.39	64.72	-159.06	-514.58	-8,978.54	9,273.88	9,200.19	73.69	125.848		
2,000.00	1,967.29	2,000.71	1,999.29	9.87	68.18	-159.10	-514.58	-8,978.54	9,294.13	9,216.55	77.58	119.802		
2,100.00	2,064.93	2,103.07	2,096.93	10.35	71.75	-159.15	-514.58	-8,978.54	9,314.38	9,232.79	81.59	114.166		
2,200.00	2,162.56	2,205.44	2,194.56	10.83	75.32	-159.20	-514.58	-8,978.54	9,334.64	9,249.04	85.60	109.054		
2,300.00	2,260.20	2,307.80	2,292.20	11.32	78.89	-159.25	-514.58	-8,978.54	9,354.90	9,265.29	89.61	104.397		
2,400.00	2,357.84	2,389.84	2,389.84	11.80	81.75	-159.29	-514.58	-8,978.54	9,375.17	9,282.26	92.92	100.900		
2,500.00	2,455.48	2,487.48	2,487.48	12.29	85.16	-159.34	-514.58	-8,978.54	9,395.45	9,298.68	96.77	97.092		
2,600.00	2,553.11	2,585.11	2,585.11	12.78	88.56	-159.38	-514.58	-8,978.54	9,415.73	9,315.11	100.62	93.575		
2,700.00	2,650.75	2,682.75	2,682.75	13.27	91.97	-159.43	-514.58	-8,978.54	9,436.02	9,331.54	104.48	90.316		
2,800.00	2,748.39	2,780.39	2,780.39	13.77	95.37	-159.48	-514.58	-8,978.54	9,456.31	9,347.98	108.34	87.287		
2,900.00	2,846.02	2,878.02	2,878.02	14.26	98.78	-159.52	-514.58	-8,978.54	9,476.61	9,364.42	112.19	84.466		
3,000.00	2,943.66	2,975.66	2,975.66	14.76	102.19	-159.57	-514.58	-8,978.54	9,496.92	9,380.86	116.05	81.832		
3,100.00	3,041.30	3,073.30	3,073.30	15.25	105.59	-159.61	-514.58	-8,978.54	9,517.23	9,397.31	119.92	79.366		
3,200.00	3,138.94	3,170.94	3,170.94	15.75	109.00	-159.66	-514.58	-8,978.54	9,537.54	9,413.77	123.78	77.054		
3,300.00	3,236.57	3,268.57	3,268.57	16.25	112.41	-159.70	-514.58	-8,978.54	9,557.87	9,430.23	127.64	74.881		
3,400.00	3,334.21	3,366.21	3,366.21	16.75	115.82	-159.75	-514.58	-8,978.54	9,578.19	9,446.69	131.50	72.836		
3,500.00	3,431.85	3,463.85	3,463.85	17.25	119.22	-159.79	-514.58	-8,978.54	9,598.53	9,463.16	135.37	70.907		
3,600.00	3,529.48	3,561.48	3,561.48	17.75	122.63	-159.84	-514.58	-8,978.54	9,618.87	9,479.63	139.23	69.084		
3,700.00	3,627.12	3,659.12	3,659.12	18.25	126.04	-159.88	-514.58	-8,978.54	9,639.21	9,496.11	143.10	67.360		
3,800.00	3,724.76	3,756.76	3,756.76	18.75	129.44	-159.92	-514.58	-8,978.54	9,659.56	9,512.60	146.97	65.727		
3,900.00	3,822.40	3,854.40	3,854.40	19.25	132.85	-159.97	-514.58	-8,978.54	9,679.92	9,529.09	150.83	64.177		
4,000.00	3,920.03	3,952.03	3,952.03	19.75	136.26	-160.01	-514.58	-8,978.54	9,700.28	9,545.58	154.70	62.704		
4,100.00	4,017.67	4,049.67	4,049.67	20.25	139.67	-160.06	-514.58	-8,978.54	9,720.65	9,562.08	158.57	61.303		
4,200.00	4,115.31	4,147.31	4,147.31	20.76	143.07	-160.10	-514.58	-8,978.54	9,741.02	9,578.58	162.44	59.969		
4,300.00	4,212.94	4,244.94	4,244.94	21.26	146.48	-160.14	-514.58	-8,978.54	9,761.39	9,595.09	166.30	58.696		
4,400.00	4,310.58	4,342.58	4,342.58	21.76	149.89	-160.18	-514.58	-8,978.54	9,781.78	9,611.60	170.17	57.481		
4,500.00	4,408.22	4,440.22	4,440.22	22.27	153.30	-160.23	-514.58	-8,978.54	9,802.16	9,628.12	174.04	56.321		
4,600.00	4,505.86	4,537.86	4,537.86	22.77	156.71	-160.27	-514.58	-8,978.54	9,822.56	9,644.65	177.91	55.210		
4,700.00	4,603.49	4,635.49	4,635.49	23.28	160.11	-160.31	-514.58	-8,978.54	9,842.96	9,661.17	181.78	54.147		
4,800.00	4,701.13	4,733.13	4,733.13	23.78	163.52	-160.35	-514.58	-8,978.54	9,863.36	9,677.71	185.65	53.128		
4,900.00	4,798.77	4,830.77	4,830.77	24.28	166.93	-160.40	-514.58	-8,978.54	9,883.77	9,694.25	189.52	52.151		
5,000.00	4,896.40	4,928.40	4,928.40	24.79	170.34	-160.44	-514.58	-8,978.54	9,904.18	9,710.79	193.39	51.213		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,026.04	5,026.04	25.30	173.74	-160.48	-514.58	-8,978.54	9,924.60	9,727.34	197.26	50.311		
5,200.00	5,091.68	5,123.68	5,123.68	25.80	177.15	-160.52	-514.58	-8,978.54	9,945.02	9,743.89	201.13	49.445		
5,300.00	5,189.32	5,221.32	5,221.32	26.31	180.56	-160.56	-514.58	-8,978.54	9,965.45	9,760.45	205.01	48.611		
5,400.00	5,286.95	5,318.95	5,318.95	26.81	183.97	-160.60	-514.58	-8,978.54	9,985.89	9,777.01	208.88	47.807		
7,350.00	7,121.30	7,153.30	7,153.30	36.37	248.00	-17.12	-514.58	-8,978.54	9,998.66	9,718.43	280.23	35.680		
7,400.00	7,149.25	7,181.25	7,181.25	36.75	248.97	-18.10	-514.58	-8,978.54	9,957.85	9,676.64	281.21	35.411		
7,450.00	7,173.87	7,205.87	7,205.87	37.17	249.83	-19.58	-514.58	-8,978.54	9,914.95	9,632.89	282.06	35.152		
7,500.00	7,195.03	7,227.03	7,227.03	37.62	250.57	-21.77	-514.58	-8,978.54	9,870.22	9,587.43	282.79	34.903		
7,550.00	7,212.58	7,244.58	7,244.58	38.11	251.18	-25.08	-514.58	-8,978.54	9,823.94	9,540.55	283.39	34.666		
7,600.00	7,226.43	7,258.43	7,258.43	38.64	251.67	-30.32	-514.58	-8,978.54	9,776.39	9,492.53	283.86	34.440		
7,650.00	7,236.48	7,268.48	7,268.48	39.20	252.02	-39.27	-514.58	-8,978.54	9,727.88	9,443.67	284.21	34.228		
7,700.00	7,242.68	7,274.68	7,274.68	39.79	252.24	-56.03	-514.58	-8,978.54	9,678.69	9,394.27	284.42	34.029		
7,753.32	7,245.00	7,277.00	7,277.00	40.44	252.32	-89.15	-514.58	-8,978.54	9,625.83	9,341.32	284.51	33.833		
7,800.00	7,245.08	7,277.08	7,277.08	41.04	252.32	-89.15	-514.58	-8,978.54	9,579.48	9,294.96	284.52	33.669		
7,900.00	7,245.26	7,277.26	7,277.26	42.43	252.33	-89.16	-514.58	-8,978.54	9,480.20	9,195.65	284.55	33.317		
8,000.00	7,245.43	7,277.43	7,277.43	43.97	252.33	-89.17	-514.58	-8,978.54	9,380.93	9,096.35	284.58	32.964		
8,100.00	7,245.61	7,277.61	7,277.61	45.64	252.34	-89.18	-514.58	-8,978.54	9,281.68	8,997.06	284.62	32.611		
8,200.00	7,245.79	7,277.79	7,277.79	47.42	252.34	-89.19	-514.58	-8,978.54	9,182.44	8,897.77	284.67	32.257		
8,300.00	7,245.97	7,277.97	7,277.97	49.30	252.35	-89.20	-514.58	-8,978.54	9,083.22	8,798.50	284.72	31.902		
8,400.00	7,246.14	7,278.14	7,278.14	51.28	252.36	-89.21	-514.58	-8,978.54	8,984.02	8,699.24	284.78	31.547		
8,500.00	7,246.32	7,278.32	7,278.32	53.34	252.36	-89.21	-514.58	-8,978.54	8,884.84	8,599.99	284.85	31.191		
8,600.00	7,246.50	7,278.50	7,278.50	55.46	252.37	-89.22	-514.58	-8,978.54	8,785.67	8,500.75	284.92	30.835		
8,700.00	7,246.67	7,278.67	7,278.67	57.66	252.37	-89.23	-514.58	-8,978.54	8,686.52	8,401.52	285.01	30.478		
8,800.00	7,246.85	7,278.85	7,278.85	59.90	252.38	-89.24	-514.58	-8,978.54	8,587.40	8,302.30	285.10	30.121		
8,900.00	7,247.03	7,279.03	7,279.03	62.20	252.39	-89.25	-514.58	-8,978.54	8,488.29	8,203.09	285.20	29.762		
9,000.00	7,247.21	7,279.21	7,279.21	64.55	252.39	-89.26	-514.58	-8,978.54	8,389.21	8,103.89	285.31	29.404		
9,100.00	7,247.38	7,279.38	7,279.38	66.93	252.40	-89.27	-514.58	-8,978.54	8,290.14	8,004.71	285.43	29.044		
9,200.00	7,247.56	7,279.56	7,279.56	69.35	252.41	-89.28	-514.58	-8,978.54	8,191.10	7,905.54	285.56	28.684		
9,300.00	7,247.74	7,279.74	7,279.74	71.80	252.41	-89.29	-514.58	-8,978.54	8,092.09	7,806.38	285.71	28.323		
9,400.00	7,247.91	7,279.91	7,279.91	74.29	252.42	-89.29	-514.58	-8,978.54	7,993.09	7,707.23	285.86	27.962		
9,500.00	7,248.09	7,280.09	7,280.09	76.79	252.42	-89.30	-514.58	-8,978.54	7,894.13	7,608.10	286.03	27.599		
9,600.00	7,248.27	7,280.27	7,280.27	79.33	252.43	-89.31	-514.58	-8,978.54	7,795.19	7,508.98	286.20	27.237		
9,700.00	7,248.45	7,280.45	7,280.45	81.88	252.44	-89.32	-514.58	-8,978.54	7,696.27	7,409.88	286.39	26.873		
9,800.00	7,248.62	7,280.62	7,280.62	84.45	252.44	-89.33	-514.58	-8,978.54	7,597.39	7,310.79	286.60	26.509		
9,900.00	7,248.80	7,280.80	7,280.80	87.04	252.45	-89.34	-514.58	-8,978.54	7,498.54	7,211.72	286.82	26.144		
10,000.00	7,248.98	7,280.98	7,280.98	89.65	252.46	-89.35	-514.58	-8,978.54	7,399.71	7,112.66	287.05	25.778		
10,100.00	7,249.15	7,281.15	7,281.15	92.28	252.46	-89.36	-514.58	-8,978.54	7,300.92	7,013.62	287.30	25.412		
10,200.00	7,249.33	7,281.33	7,281.33	94.91	252.47	-89.37	-514.58	-8,978.54	7,202.16	6,914.59	287.57	25.045		
10,300.00	7,249.51	7,281.51	7,281.51	97.56	252.47	-89.38	-514.58	-8,978.54	7,103.44	6,815.58	287.85	24.677		
10,400.00	7,249.69	7,281.69	7,281.69	100.22	252.48	-89.38	-514.58	-8,978.54	7,004.75	6,716.59	288.16	24.309		
10,500.00	7,249.86	7,281.86	7,281.86	102.89	252.49	-89.39	-514.58	-8,978.54	6,906.10	6,617.62	288.48	23.940		
10,600.00	7,250.04	7,282.04	7,282.04	105.57	252.49	-89.40	-514.58	-8,978.54	6,807.49	6,518.67	288.82	23.570		
10,700.00	7,250.22	7,282.22	7,282.22	108.27	252.50	-89.41	-514.58	-8,978.54	6,708.92	6,419.74	289.18	23.200		
10,800.00	7,250.39	7,282.39	7,282.39	110.96	252.50	-89.42	-514.58	-8,978.54	6,610.39	6,320.82	289.57	22.828		
10,900.00	7,250.57	7,282.57	7,282.57	113.67	252.51	-89.43	-514.58	-8,978.54	6,511.91	6,221.93	289.98	22.457		
11,000.00	7,250.75	7,282.75	7,282.75	116.39	252.52	-89.44	-514.58	-8,978.54	6,413.48	6,123.07	290.41	22.084		
11,100.00	7,250.93	7,282.93	7,282.93	119.11	252.52	-89.45	-514.58	-8,978.54	6,315.09	6,024.22	290.87	21.711		
11,200.00	7,251.10	7,283.10	7,283.10	121.83	252.53	-89.46	-514.58	-8,978.54	6,216.76	5,925.40	291.35	21.338		
11,300.00	7,251.28	7,283.28	7,283.28	124.57	252.54	-89.46	-514.58	-8,978.54	6,118.48	5,826.61	291.87	20.963		
11,400.00	7,251.46	7,283.46	7,283.46	127.31	252.54	-89.47	-514.58	-8,978.54	6,020.25	5,727.84	292.41	20.588		
11,500.00	7,251.63	7,283.63	7,283.63	130.05	252.55	-89.48	-514.58	-8,978.54	5,922.09	5,629.10	292.99	20.213		
11,600.00	7,251.81	7,283.81	7,283.81	132.80	252.55	-89.49	-514.58	-8,978.54	5,823.99	5,530.39	293.59	19.837		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
11,700.00	7,251.99	7,283.99	7,283.99	135.55	252.56	-89.50	-514.58	-8,978.54	5,725.95	5,431.72	294.23	19.460		
11,800.00	7,252.17	7,284.17	7,284.17	138.31	252.57	-89.51	-514.58	-8,978.54	5,627.98	5,333.07	294.91	19.084		
11,900.00	7,252.34	7,284.34	7,284.34	141.07	252.57	-89.52	-514.58	-8,978.54	5,530.09	5,234.46	295.63	18.706		
12,000.00	7,252.52	7,284.52	7,284.52	143.84	252.58	-89.53	-514.58	-8,978.54	5,432.27	5,135.89	296.39	18.328		
12,100.00	7,252.70	7,284.70	7,284.70	146.61	252.59	-89.54	-514.58	-8,978.54	5,334.54	5,037.35	297.19	17.950		
12,200.00	7,252.87	7,284.87	7,284.87	149.38	252.59	-89.54	-514.58	-8,978.54	5,236.89	4,938.86	298.03	17.572		
12,300.00	7,253.05	7,285.05	7,285.05	152.16	252.60	-89.55	-514.58	-8,978.54	5,139.33	4,840.40	298.92	17.193		
12,400.00	7,253.23	7,285.23	7,285.23	154.94	252.60	-89.56	-514.58	-8,978.54	5,041.86	4,742.00	299.86	16.814		
12,500.00	7,253.41	7,285.41	7,285.41	157.72	252.61	-89.57	-514.58	-8,978.54	4,944.50	4,643.64	300.86	16.435		
12,600.00	7,253.58	7,285.58	7,285.58	160.51	252.62	-89.58	-514.58	-8,978.54	4,847.24	4,545.34	301.91	16.055		
12,700.00	7,253.76	7,285.76	7,285.76	163.29	252.62	-89.59	-514.58	-8,978.54	4,750.10	4,447.09	303.01	15.676		
12,800.00	7,253.94	7,285.94	7,285.94	166.08	252.63	-89.60	-514.58	-8,978.54	4,653.08	4,348.90	304.18	15.297		
12,900.00	7,254.11	7,286.11	7,286.11	168.88	252.63	-89.61	-514.58	-8,978.54	4,556.19	4,250.77	305.42	14.918		
13,000.00	7,254.29	7,286.29	7,286.29	171.67	252.64	-89.62	-514.58	-8,978.54	4,459.43	4,152.71	306.72	14.539		
13,100.00	7,254.47	7,286.47	7,286.47	174.47	252.65	-89.62	-514.58	-8,978.54	4,362.82	4,054.72	308.10	14.160		
13,200.00	7,254.65	7,286.65	7,286.65	177.27	252.65	-89.63	-514.58	-8,978.54	4,266.37	3,956.81	309.56	13.782		
13,300.00	7,254.82	7,286.82	7,286.82	180.07	252.66	-89.64	-514.58	-8,978.54	4,170.08	3,858.98	311.10	13.404		
13,400.00	7,255.00	7,287.00	7,287.00	182.87	252.67	-89.65	-514.58	-8,978.54	4,073.98	3,761.24	312.73	13.027		
13,500.00	7,255.18	7,287.18	7,287.18	185.67	252.67	-89.66	-514.58	-8,978.54	3,978.06	3,663.60	314.46	12.651		
13,600.00	7,255.35	7,287.35	7,287.35	188.48	252.68	-89.67	-514.58	-8,978.54	3,882.35	3,566.07	316.28	12.275		
13,700.00	7,255.53	7,287.53	7,287.53	191.29	252.68	-89.68	-514.58	-8,978.54	3,786.87	3,468.65	318.22	11.900		
13,800.00	7,255.71	7,287.71	7,287.71	194.10	252.69	-89.69	-514.58	-8,978.54	3,691.62	3,371.35	320.27	11.527		
13,900.00	7,255.89	7,287.89	7,287.89	196.91	252.70	-89.70	-514.58	-8,978.54	3,596.63	3,274.19	322.44	11.154		
14,000.00	7,256.06	7,288.06	7,288.06	199.72	252.70	-89.70	-514.58	-8,978.54	3,501.92	3,177.17	324.75	10.784		
14,100.00	7,256.24	7,288.24	7,288.24	202.53	252.71	-89.71	-514.58	-8,978.54	3,407.51	3,080.32	327.19	10.414		
14,200.00	7,256.42	7,288.42	7,288.42	205.35	252.71	-89.72	-514.58	-8,978.54	3,313.43	2,983.64	329.79	10.047		
14,300.00	7,256.59	7,288.59	7,288.59	208.16	252.72	-89.73	-514.58	-8,978.54	3,219.71	2,887.15	332.56	9.682		
14,400.00	7,256.77	7,288.77	7,288.77	210.98	252.73	-89.74	-514.58	-8,978.54	3,126.37	2,790.87	335.50	9.319		
14,500.00	7,256.95	7,288.95	7,288.95	213.80	252.73	-89.75	-514.58	-8,978.54	3,033.46	2,694.83	338.63	8.958		
14,600.00	7,257.13	7,289.13	7,289.13	216.62	252.74	-89.76	-514.58	-8,978.54	2,941.02	2,599.05	341.97	8.600		
14,700.00	7,257.30	7,289.30	7,289.30	219.44	252.75	-89.77	-514.58	-8,978.54	2,849.09	2,503.56	345.53	8.246		
14,800.00	7,257.48	7,289.48	7,289.48	222.26	252.75	-89.78	-514.58	-8,978.54	2,757.71	2,408.39	349.33	7.894		
14,900.00	7,257.66	7,289.66	7,289.66	225.08	252.76	-89.79	-514.58	-8,978.54	2,666.96	2,313.57	353.39	7.547		
15,000.00	7,257.83	7,289.83	7,289.83	227.91	252.76	-89.79	-514.58	-8,978.54	2,576.89	2,219.16	357.73	7.203		
15,100.00	7,258.01	7,309.99	7,290.01	230.73	253.47	-89.80	-514.58	-8,978.54	2,487.58	2,124.51	363.07	6.851		
15,200.00	7,258.19	7,309.81	7,290.19	233.56	253.46	-89.81	-514.58	-8,978.54	2,399.11	2,031.08	368.04	6.519		
15,300.00	7,258.37	7,309.63	7,290.37	236.38	253.46	-89.82	-514.58	-8,978.54	2,311.59	1,938.23	373.36	6.191		
15,400.00	7,258.54	7,309.46	7,290.54	239.21	253.45	-89.83	-514.58	-8,978.54	2,225.11	1,846.05	379.07	5.870		
15,500.00	7,258.72	7,309.28	7,290.72	242.04	253.44	-89.84	-514.58	-8,978.54	2,139.82	1,754.63	385.19	5.555		
15,600.00	7,258.90	7,309.10	7,290.90	244.87	253.44	-89.85	-514.58	-8,978.54	2,055.85	1,664.09	391.76	5.248		
15,700.00	7,259.08	7,308.93	7,291.08	247.70	253.43	-89.86	-514.58	-8,978.54	1,973.37	1,574.57	398.81	4.948		
15,800.00	7,259.25	7,308.75	7,291.25	250.53	253.42	-89.87	-514.58	-8,978.54	1,892.59	1,486.23	406.36	4.657		
15,900.00	7,259.43	7,308.57	7,291.43	253.36	253.42	-89.87	-514.58	-8,978.54	1,813.72	1,399.27	414.45	4.376		
16,000.00	7,259.61	7,308.39	7,291.61	256.19	253.41	-89.88	-514.58	-8,978.54	1,737.03	1,313.94	423.09	4.106		
16,100.00	7,259.78	7,308.22	7,291.78	259.02	253.41	-89.89	-514.58	-8,978.54	1,662.82	1,230.53	432.29	3.847		
16,200.00	7,259.96	7,308.04	7,291.96	261.85	253.40	-89.90	-514.58	-8,978.54	1,591.43	1,149.38	442.05	3.600		
16,300.00	7,260.14	7,307.86	7,292.14	264.68	253.39	-89.91	-514.58	-8,978.54	1,523.27	1,070.94	452.33	3.368		
16,400.00	7,260.32	7,307.69	7,292.32	267.52	253.39	-89.92	-514.58	-8,978.54	1,458.78	995.69	463.08	3.150		
16,500.00	7,260.49	7,307.51	7,292.49	270.35	253.38	-89.93	-514.58	-8,978.54	1,398.47	924.27	474.20	2.949		
16,600.00	7,260.67	7,307.33	7,292.67	273.19	253.38	-89.94	-514.58	-8,978.54	1,342.91	857.37	485.54	2.766		
16,700.00	7,260.85	7,307.15	7,292.85	276.02	253.37	-89.95	-514.58	-8,978.54	1,292.71	795.84	496.87	2.602		
16,800.00	7,261.02	7,306.98	7,293.02	278.86	253.36	-89.95	-514.58	-8,978.54	1,248.52	740.59	507.93	2.458		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
16,900.00	7,261.20	7,306.80	7,293.20	281.69	253.36	-89.96	-514.58	-8,978.54	1,210.98	692.61	518.37	2.336		
17,000.00	7,261.38	7,306.62	7,293.38	284.53	253.35	-89.97	-514.58	-8,978.54	1,180.75	652.94	527.81	2.237		
17,100.00	7,261.56	7,306.45	7,293.56	287.37	253.34	-89.98	-514.58	-8,978.54	1,158.39	622.54	535.85	2.162		
17,200.00	7,261.73	7,306.27	7,293.73	290.21	253.34	-89.99	-514.58	-8,978.54	1,144.36	602.23	542.13	2.111		
17,300.00	7,261.91	7,306.09	7,293.91	293.04	253.33	-90.00	-514.58	-8,978.54	1,138.97	592.61	546.35	2.085		
17,311.55	7,261.93	7,306.07	7,293.93	293.37	253.33	-90.00	-514.58	-8,978.54	1,138.91	592.20	546.70	2.083 CC, ES		
17,400.00	7,262.09	7,305.91	7,294.09	295.88	253.33	-90.01	-514.58	-8,978.54	1,142.34	593.96	548.38	2.083 SF		
17,500.00	7,262.26	7,305.74	7,294.26	298.72	253.32	-90.02	-514.58	-8,978.54	1,154.39	606.20	548.19	2.106		
17,600.00	7,262.44	7,305.56	7,294.44	301.56	253.31	-90.03	-514.58	-8,978.54	1,174.87	628.93	545.93	2.152		
17,700.00	7,262.62	7,305.38	7,294.62	304.40	253.31	-90.03	-514.58	-8,978.54	1,203.33	661.48	541.85	2.221		
17,800.00	7,262.80	7,305.20	7,294.80	307.24	253.30	-90.04	-514.58	-8,978.54	1,239.23	702.94	536.29	2.311		
17,900.00	7,262.97	7,305.03	7,294.97	310.08	253.29	-90.05	-514.58	-8,978.54	1,281.94	752.36	529.59	2.421		
18,000.00	7,263.15	7,304.85	7,295.15	312.92	253.29	-90.06	-514.58	-8,978.54	1,330.82	808.72	522.10	2.549		
18,100.00	7,263.33	7,304.67	7,295.33	315.76	253.28	-90.07	-514.58	-8,978.54	1,385.19	871.07	514.12	2.694		
18,200.00	7,263.50	7,304.50	7,295.50	318.61	253.28	-90.08	-514.58	-8,978.54	1,444.45	938.53	505.92	2.855		
18,300.00	7,263.68	7,304.32	7,295.68	321.45	253.27	-90.09	-514.58	-8,978.54	1,508.02	1,010.34	497.69	3.030		
18,400.00	7,263.86	7,304.14	7,295.86	324.29	253.26	-90.10	-514.58	-8,978.54	1,575.38	1,085.81	489.57	3.218		
18,500.00	7,264.04	7,303.96	7,296.04	327.13	253.26	-90.11	-514.58	-8,978.54	1,646.06	1,164.38	481.69	3.417		
18,600.00	7,264.21	7,303.79	7,296.21	329.97	253.25	-90.11	-514.58	-8,978.54	1,719.65	1,245.56	474.09	3.627		
18,700.00	7,264.39	7,303.61	7,296.39	332.82	253.25	-90.12	-514.58	-8,978.54	1,795.80	1,328.96	466.84	3.847		
18,800.00	7,264.57	7,303.43	7,296.57	335.66	253.24	-90.13	-514.58	-8,978.54	1,874.19	1,414.25	459.94	4.075		
18,900.00	7,264.74	7,303.26	7,296.74	338.51	253.23	-90.14	-514.58	-8,978.54	1,954.55	1,501.14	453.42	4.311		
19,000.00	7,264.92	7,303.08	7,296.92	341.35	253.23	-90.15	-514.58	-8,978.54	2,036.65	1,589.40	447.25	4.554		
19,044.52	7,265.00	7,303.00	7,297.00	342.62	253.22	-90.15	-514.58	-8,978.54	2,073.71	1,629.09	444.63	4.664		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	13.00	13.00	3.28	3.29	-97.63	-1,300.49	-9,702.75	9,789.52					
100.00	100.00	113.00	113.00	3.28	3.95	-97.63	-1,300.49	-9,702.75	9,789.52	9,782.29	7.23	1,353.302		
200.00	200.00	213.00	213.00	3.34	6.57	-97.63	-1,300.49	-9,702.75	9,789.52	9,779.61	9.91	988.340		
300.00	299.98	312.98	312.98	3.44	9.75	-163.19	-1,300.49	-9,702.75	9,791.19	9,778.00	13.19	742.161		
400.00	399.84	412.84	412.84	3.60	13.08	-163.17	-1,300.49	-9,702.75	9,796.20	9,779.51	16.69	587.050		
500.00	499.45	512.45	512.45	3.81	16.47	-163.13	-1,300.49	-9,702.75	9,804.54	9,784.26	20.28	483.400		
600.00	598.70	611.70	611.70	4.06	19.88	-163.09	-1,300.49	-9,702.75	9,816.21	9,792.28	23.94	410.100		
700.00	697.47	710.47	710.47	4.34	23.29	-163.02	-1,300.49	-9,702.75	9,831.19	9,803.57	27.62	355.883		
800.00	795.62	808.62	808.62	4.66	26.69	-162.95	-1,300.49	-9,702.75	9,849.47	9,818.13	31.33	314.351		
824.00	819.08	832.08	832.08	4.75	27.50	-162.93	-1,300.49	-9,702.75	9,854.34	9,822.11	32.23	305.767		
900.00	893.28	906.28	906.28	5.02	30.07	-162.96	-1,300.49	-9,702.75	9,870.07	9,835.02	35.05	281.580		
1,000.00	990.92	1,003.92	1,003.92	5.40	33.46	-162.99	-1,300.49	-9,702.75	9,890.78	9,851.99	38.79	254.989		
1,100.00	1,088.56	1,101.56	1,101.56	5.80	36.86	-163.03	-1,300.49	-9,702.75	9,911.48	9,868.94	42.55	232.957		
1,200.00	1,186.19	1,200.81	1,199.19	6.21	40.31	-163.06	-1,300.49	-9,702.75	9,932.20	9,885.82	46.38	214.163		
1,300.00	1,283.83	1,303.17	1,296.83	6.64	43.87	-163.10	-1,300.49	-9,702.75	9,952.91	9,902.58	50.33	197.756		
1,400.00	1,381.47	1,405.53	1,394.47	7.08	47.44	-163.14	-1,300.49	-9,702.75	9,973.63	9,919.34	54.29	183.700		
1,500.00	1,479.10	1,507.90	1,492.10	7.53	51.00	-163.17	-1,300.49	-9,702.75	9,994.35	9,936.09	58.27	171.529		
8,300.00	7,245.97	7,258.97	7,258.97	49.30	251.69	-89.49	-1,300.49	-9,702.75	9,923.71	9,639.32	284.38	34.895		
8,400.00	7,246.14	7,259.14	7,259.14	51.28	251.69	-89.49	-1,300.49	-9,702.75	9,925.63	9,541.11	284.52	34.534		
8,500.00	7,246.32	7,259.32	7,259.32	53.34	251.70	-89.50	-1,300.49	-9,702.75	9,927.59	9,442.92	284.66	34.172		
8,600.00	7,246.50	7,259.50	7,259.50	55.46	251.71	-89.50	-1,300.49	-9,702.75	9,929.58	9,344.76	284.83	33.808		
8,700.00	7,246.67	7,259.67	7,259.67	57.66	251.71	-89.51	-1,300.49	-9,702.75	9,931.62	9,246.62	285.01	33.443		
8,800.00	7,246.85	7,259.85	7,259.85	59.90	251.72	-89.51	-1,300.49	-9,702.75	9,933.71	9,148.50	285.21	33.077		
8,900.00	7,247.03	7,260.03	7,260.03	62.20	251.72	-89.52	-1,300.49	-9,702.75	9,935.84	9,050.41	285.42	32.709		
9,000.00	7,247.21	7,260.21	7,260.21	64.55	251.73	-89.52	-1,300.49	-9,702.75	9,938.01	8,952.35	285.66	32.340		
9,100.00	7,247.38	7,260.38	7,260.38	66.93	251.74	-89.53	-1,300.49	-9,702.75	9,940.23	8,854.32	285.91	31.969		
9,200.00	7,247.56	7,260.56	7,260.56	69.35	251.74	-89.53	-1,300.49	-9,702.75	9,942.50	8,756.31	286.18	31.597		
9,300.00	7,247.74	7,260.74	7,260.74	71.80	251.75	-89.54	-1,300.49	-9,702.75	9,944.82	8,658.34	286.48	31.224		
9,400.00	7,247.91	7,260.91	7,260.91	74.29	251.75	-89.54	-1,300.49	-9,702.75	9,947.19	8,560.39	286.79	30.849		
9,500.00	7,248.09	7,261.09	7,261.09	76.79	251.76	-89.55	-1,300.49	-9,702.75	9,949.61	8,462.48	287.13	30.473		
9,600.00	7,248.27	7,261.27	7,261.27	79.33	251.77	-89.56	-1,300.49	-9,702.75	9,952.08	8,364.60	287.49	30.095		
9,700.00	7,248.45	7,261.45	7,261.45	81.88	251.77	-89.56	-1,300.49	-9,702.75	9,954.63	8,266.75	287.87	29.717		
9,800.00	7,248.62	7,261.62	7,261.62	84.45	251.78	-89.57	-1,300.49	-9,702.75	9,957.22	8,168.94	288.28	29.337		
9,900.00	7,248.80	7,261.80	7,261.80	87.04	251.79	-89.57	-1,300.49	-9,702.75	9,959.88	8,071.16	288.71	28.956		
10,000.00	7,248.98	7,261.98	7,261.98	89.65	251.79	-89.58	-1,300.49	-9,702.75	9,962.60	7,973.43	289.17	28.573		
10,100.00	7,249.15	7,262.15	7,262.15	92.28	251.80	-89.58	-1,300.49	-9,702.75	9,965.39	7,875.73	289.66	28.190		
10,200.00	7,249.33	7,262.33	7,262.33	94.91	251.80	-89.59	-1,300.49	-9,702.75	9,968.24	7,778.07	290.17	27.805		
10,300.00	7,249.51	7,262.51	7,262.51	97.56	251.81	-89.59	-1,300.49	-9,702.75	9,971.16	7,680.45	290.72	27.419		
10,400.00	7,249.69	7,262.69	7,262.69	100.22	251.82	-89.60	-1,300.49	-9,702.75	9,974.16	7,582.88	291.29	27.032		
10,500.00	7,249.86	7,262.86	7,262.86	102.89	251.82	-89.60	-1,300.49	-9,702.75	9,977.24	7,485.35	291.89	26.644		
10,600.00	7,250.04	7,263.04	7,263.04	105.57	251.83	-89.61	-1,300.49	-9,702.75	9,980.39	7,387.87	292.52	26.256		
10,700.00	7,250.22	7,263.22	7,263.22	108.27	251.84	-89.61	-1,300.49	-9,702.75	9,983.62	7,290.44	293.19	25.866		
10,800.00	7,250.39	7,263.39	7,263.39	110.96	251.84	-89.62	-1,300.49	-9,702.75	9,986.94	7,193.06	293.89	25.476		
10,900.00	7,250.57	7,263.57	7,263.57	113.67	251.85	-89.62	-1,300.49	-9,702.75	9,990.35	7,095.73	294.62	25.084		
11,000.00	7,250.75	7,263.75	7,263.75	116.39	251.85	-89.63	-1,300.49	-9,702.75	9,993.85	6,998.46	295.39	24.692		
11,100.00	7,250.93	7,263.93	7,263.93	119.11	251.86	-89.63	-1,300.49	-9,702.75	9,997.45	6,901.25	296.19	24.300		
11,200.00	7,251.10	7,264.10	7,264.10	121.83	251.87	-89.64	-1,300.49	-9,702.75	10,001.14	6,804.11	297.04	23.907		
11,300.00	7,251.28	7,264.28	7,264.28	124.57	251.87	-89.64	-1,300.49	-9,702.75	10,004.94	6,707.02	297.92	23.513		
11,400.00	7,251.46	7,264.46	7,264.46	127.31	251.88	-89.65	-1,300.49	-9,702.75	10,008.85	6,610.01	298.84	23.119		
11,500.00	7,251.63	7,264.63	7,264.63	130.05	251.88	-89.66	-1,300.49	-9,702.75	10,012.87	6,513.06	299.80	22.724		
11,600.00	7,251.81	7,264.81	7,264.81	132.80	251.89	-89.66	-1,300.49	-9,702.75	10,017.00	6,416.19	300.81	22.330		
11,700.00	7,251.99	7,264.99	7,264.99	135.55	251.90	-89.67	-1,300.49	-9,702.75	10,021.26	6,319.40	301.86	21.935		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
11,800.00	7,252.17	7,265.17	7,265.17	138.31	251.90	-89.67	-1,300.49	-9,702.75	6,525.65	6,222.69	302.95	21.540		
11,900.00	7,252.34	7,265.34	7,265.34	141.07	251.91	-89.68	-1,300.49	-9,702.75	6,430.17	6,126.07	304.10	21.145		
12,000.00	7,252.52	7,265.52	7,265.52	143.84	251.92	-89.68	-1,300.49	-9,702.75	6,334.83	6,029.54	305.29	20.750		
12,100.00	7,252.70	7,265.70	7,265.70	146.61	251.92	-89.69	-1,300.49	-9,702.75	6,239.63	5,933.10	306.53	20.356		
12,200.00	7,252.87	7,265.87	7,265.87	149.38	251.93	-89.69	-1,300.49	-9,702.75	6,144.59	5,836.76	307.82	19.961		
12,300.00	7,253.05	7,266.05	7,266.05	152.16	251.93	-89.70	-1,300.49	-9,702.75	6,049.71	5,740.53	309.17	19.567		
12,400.00	7,253.23	7,266.23	7,266.23	154.94	251.94	-89.70	-1,300.49	-9,702.75	5,954.99	5,644.41	310.58	19.174		
12,500.00	7,253.41	7,266.41	7,266.41	157.72	251.95	-89.71	-1,300.49	-9,702.75	5,860.45	5,548.41	312.04	18.781		
12,600.00	7,253.58	7,266.58	7,266.58	160.51	251.95	-89.71	-1,300.49	-9,702.75	5,766.10	5,452.53	313.56	18.389		
12,700.00	7,253.76	7,266.76	7,266.76	163.29	251.96	-89.72	-1,300.49	-9,702.75	5,671.93	5,356.78	315.15	17.998		
12,800.00	7,253.94	7,266.94	7,266.94	166.08	251.97	-89.72	-1,300.49	-9,702.75	5,577.97	5,261.17	316.80	17.607		
12,900.00	7,254.11	7,267.11	7,267.11	168.88	251.97	-89.73	-1,300.49	-9,702.75	5,484.23	5,165.71	318.52	17.218		
13,000.00	7,254.29	7,267.29	7,267.29	171.67	251.98	-89.73	-1,300.49	-9,702.75	5,390.71	5,070.40	320.31	16.829		
13,100.00	7,254.47	7,267.47	7,267.47	174.47	251.98	-89.74	-1,300.49	-9,702.75	5,297.43	4,975.25	322.18	16.443		
13,200.00	7,254.65	7,267.65	7,267.65	177.27	251.99	-89.75	-1,300.49	-9,702.75	5,204.39	4,880.27	324.12	16.057		
13,300.00	7,254.82	7,267.82	7,267.82	180.07	252.00	-89.75	-1,300.49	-9,702.75	5,111.62	4,785.48	326.14	15.673		
13,400.00	7,255.00	7,268.00	7,268.00	182.87	252.00	-89.76	-1,300.49	-9,702.75	5,019.13	4,690.88	328.25	15.291		
13,500.00	7,255.18	7,268.18	7,268.18	185.67	252.01	-89.76	-1,300.49	-9,702.75	4,926.93	4,596.48	330.45	14.910		
13,600.00	7,255.35	7,268.35	7,268.35	188.48	252.01	-89.77	-1,300.49	-9,702.75	4,835.04	4,502.30	332.73	14.531		
13,700.00	7,255.53	7,268.53	7,268.53	191.29	252.02	-89.77	-1,300.49	-9,702.75	4,743.47	4,408.36	335.11	14.155		
13,800.00	7,255.71	7,268.71	7,268.71	194.10	252.03	-89.78	-1,300.49	-9,702.75	4,652.26	4,314.66	337.60	13.780		
13,900.00	7,255.89	7,268.89	7,268.89	196.91	252.03	-89.78	-1,300.49	-9,702.75	4,561.41	4,221.23	340.19	13.409		
14,000.00	7,256.06	7,269.06	7,269.06	199.72	252.04	-89.79	-1,300.49	-9,702.75	4,470.96	4,128.07	342.88	13.039		
14,100.00	7,256.24	7,269.24	7,269.24	202.53	252.05	-89.79	-1,300.49	-9,702.75	4,380.92	4,035.22	345.70	12.673		
14,200.00	7,256.42	7,269.42	7,269.42	205.35	252.05	-89.80	-1,300.49	-9,702.75	4,291.32	3,942.69	348.63	12.309		
14,300.00	7,256.59	7,269.59	7,269.59	208.16	252.06	-89.80	-1,300.49	-9,702.75	4,202.19	3,850.50	351.69	11.949		
14,400.00	7,256.77	7,269.77	7,269.77	210.98	252.06	-89.81	-1,300.49	-9,702.75	4,113.56	3,758.68	354.88	11.591		
14,500.00	7,256.95	7,269.95	7,269.95	213.80	252.07	-89.81	-1,300.49	-9,702.75	4,025.46	3,667.25	358.21	11.238		
14,600.00	7,257.13	7,270.13	7,270.13	216.62	252.08	-89.82	-1,300.49	-9,702.75	3,937.93	3,576.24	361.69	10.888		
14,700.00	7,257.30	7,270.30	7,270.30	219.44	252.08	-89.82	-1,300.49	-9,702.75	3,851.01	3,485.69	365.32	10.542		
14,800.00	7,257.48	7,270.48	7,270.48	222.26	252.09	-89.83	-1,300.49	-9,702.75	3,764.74	3,395.63	369.10	10.200		
14,900.00	7,257.66	7,270.66	7,270.66	225.08	252.09	-89.83	-1,300.49	-9,702.75	3,679.16	3,306.10	373.06	9.862		
15,000.00	7,257.83	7,270.83	7,270.83	227.91	252.10	-89.84	-1,300.49	-9,702.75	3,594.33	3,217.14	377.19	9.529		
15,100.00	7,258.01	7,271.01	7,271.01	230.73	252.11	-89.85	-1,300.49	-9,702.75	3,510.29	3,128.79	381.50	9.201		
15,200.00	7,258.19	7,271.19	7,271.19	233.56	252.11	-89.85	-1,300.49	-9,702.75	3,427.12	3,041.12	386.00	8.879		
15,300.00	7,258.37	7,271.37	7,271.37	236.38	252.12	-89.86	-1,300.49	-9,702.75	3,344.86	2,954.16	390.70	8.561		
15,400.00	7,258.54	7,271.54	7,271.54	239.21	252.13	-89.86	-1,300.49	-9,702.75	3,263.60	2,867.99	395.60	8.250		
15,500.00	7,258.72	7,271.72	7,271.72	242.04	252.13	-89.87	-1,300.49	-9,702.75	3,183.40	2,782.68	400.72	7.944		
15,600.00	7,258.90	7,271.90	7,271.90	244.87	252.14	-89.87	-1,300.49	-9,702.75	3,104.35	2,698.30	406.05	7.645		
15,700.00	7,259.08	7,272.08	7,272.08	247.70	252.14	-89.88	-1,300.49	-9,702.75	3,026.55	2,614.93	411.61	7.353		
15,800.00	7,259.25	7,272.25	7,272.25	250.53	252.15	-89.88	-1,300.49	-9,702.75	2,950.08	2,532.67	417.41	7.068		
15,900.00	7,259.43	7,272.43	7,272.43	253.36	252.16	-89.89	-1,300.49	-9,702.75	2,875.05	2,451.62	423.43	6.790		
16,000.00	7,259.61	7,272.61	7,272.61	256.19	252.16	-89.89	-1,300.49	-9,702.75	2,801.59	2,371.89	429.69	6.520		
16,100.00	7,259.78	7,272.78	7,272.78	259.02	252.17	-89.90	-1,300.49	-9,702.75	2,729.81	2,293.62	436.19	6.258		
16,200.00	7,259.96	7,272.96	7,272.96	261.85	252.18	-89.90	-1,300.49	-9,702.75	2,659.85	2,216.94	442.92	6.005		
16,300.00	7,260.14	7,273.14	7,273.14	264.68	252.18	-89.91	-1,300.49	-9,702.75	2,591.87	2,142.00	449.87	5.761		
16,400.00	7,260.32	7,273.32	7,273.32	267.52	252.19	-89.91	-1,300.49	-9,702.75	2,526.02	2,068.98	457.04	5.527		
16,500.00	7,260.49	7,273.49	7,273.49	270.35	252.19	-89.92	-1,300.49	-9,702.75	2,462.47	1,998.06	464.41	5.302		
16,600.00	7,260.67	7,273.67	7,273.67	273.19	252.20	-89.92	-1,300.49	-9,702.75	2,401.40	1,929.45	471.95	5.088		
16,700.00	7,260.85	7,273.85	7,273.85	276.02	252.21	-89.93	-1,300.49	-9,702.75	2,343.01	1,863.37	479.63	4.885		
16,800.00	7,261.02	7,274.02	7,274.02	278.86	252.21	-89.93	-1,300.49	-9,702.75	2,287.50	1,800.07	487.43	4.693		
16,900.00	7,261.20	7,274.20	7,274.20	281.69	252.22	-89.94	-1,300.49	-9,702.75	2,235.09	1,739.80	495.28	4.513		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
17,000.00	7,261.38	7,274.38	7,274.38	284.53	252.22	-89.95	-1,300.49	-9,702.75	2,186.00	1,682.85	503.15	4.345		
17,100.00	7,261.56	7,274.56	7,274.56	287.37	252.23	-89.95	-1,300.49	-9,702.75	2,140.46	1,629.50	510.96	4.189		
17,200.00	7,261.73	7,274.73	7,274.73	290.21	252.24	-89.96	-1,300.49	-9,702.75	2,098.70	1,580.05	518.64	4.047		
17,300.00	7,261.91	7,274.91	7,274.91	293.04	252.24	-89.96	-1,300.49	-9,702.75	2,060.95	1,534.83	526.12	3.917		
17,400.00	7,262.09	7,275.09	7,275.09	295.88	252.25	-89.97	-1,300.49	-9,702.75	2,027.43	1,494.14	533.29	3.802		
17,500.00	7,262.26	7,275.26	7,275.26	298.72	252.26	-89.97	-1,300.49	-9,702.75	1,998.36	1,458.28	540.08	3.700		
17,600.00	7,262.44	7,275.44	7,275.44	301.56	252.26	-89.98	-1,300.49	-9,702.75	1,973.93	1,427.54	546.39	3.613		
17,700.00	7,262.62	7,275.62	7,275.62	304.40	252.27	-89.98	-1,300.49	-9,702.75	1,954.32	1,402.20	552.13	3.540		
17,800.00	7,262.80	7,275.80	7,275.80	307.24	252.27	-89.99	-1,300.49	-9,702.75	1,939.68	1,382.47	557.21	3.481		
17,900.00	7,262.97	7,275.97	7,275.97	310.08	252.28	-89.99	-1,300.49	-9,702.75	1,930.11	1,368.54	561.57	3.437		
18,000.00	7,263.15	7,276.15	7,276.15	312.92	252.29	-90.00	-1,300.49	-9,702.75	1,925.69	1,360.54	565.15	3.407		
18,035.15	7,263.21	7,276.21	7,276.21	313.92	252.29	-90.00	-1,300.49	-9,702.75	1,925.37	1,359.16	566.21	3.400 CC		
18,100.00	7,263.33	7,276.33	7,276.33	315.76	252.29	-90.00	-1,300.49	-9,702.75	1,926.46	1,358.56	567.90	3.392 ES		
18,200.00	7,263.50	7,276.50	7,276.50	318.61	252.30	-90.01	-1,300.49	-9,702.75	1,932.41	1,362.61	569.81	3.391 SF		
18,300.00	7,263.68	7,276.68	7,276.68	321.45	252.31	-90.01	-1,300.49	-9,702.75	1,943.50	1,372.63	570.87	3.404		
18,400.00	7,263.86	7,276.86	7,276.86	324.29	252.31	-90.02	-1,300.49	-9,702.75	1,959.63	1,388.52	571.12	3.431		
18,500.00	7,264.04	7,277.04	7,277.04	327.13	252.32	-90.02	-1,300.49	-9,702.75	1,980.69	1,410.12	570.57	3.471		
18,600.00	7,264.21	7,277.21	7,277.21	329.97	252.32	-90.03	-1,300.49	-9,702.75	2,006.51	1,437.22	569.30	3.525		
18,700.00	7,264.39	7,277.39	7,277.39	332.82	252.33	-90.04	-1,300.49	-9,702.75	2,036.93	1,469.57	567.36	3.590		
18,800.00	7,264.57	7,277.57	7,277.57	335.66	252.34	-90.04	-1,300.49	-9,702.75	2,071.72	1,506.90	564.82	3.668		
18,900.00	7,264.74	7,277.74	7,277.74	338.51	252.34	-90.05	-1,300.49	-9,702.75	2,110.69	1,548.92	561.77	3.757		
19,000.00	7,264.92	7,277.92	7,277.92	341.35	252.35	-90.05	-1,300.49	-9,702.75	2,153.60	1,595.33	558.27	3.858		
19,044.52	7,265.00	7,278.00	7,278.00	342.62	252.35	-90.05	-1,300.49	-9,702.75	2,173.91	1,617.31	556.59	3.906		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	23.96	23.96	3.28	3.28	-89.91	15.04	-9,702.24	9,702.25					
100.00	100.00	115.97	115.97	3.28	3.29	-89.91	15.22	-9,702.30	9,702.31	9,695.74	6.58	1,475.223		
200.00	200.00	207.44	207.43	3.34	3.35	-89.91	15.60	-9,702.43	9,702.46	9,695.77	6.69	1,451.244		
300.00	299.98	299.13	299.13	3.44	3.45	-155.45	16.00	-9,702.64	9,704.28	9,697.39	6.89	1,407.855		
400.00	399.84	418.30	418.29	3.60	3.64	-155.43	16.23	-9,702.84	9,709.21	9,701.97	7.24	1,340.794		
500.00	499.45	521.33	521.33	3.81	3.85	-155.38	16.14	-9,702.89	9,717.19	9,709.53	7.66	1,268.930		
600.00	598.70	616.08	616.08	4.06	4.08	-155.32	16.02	-9,702.97	9,728.36	9,720.23	8.13	1,196.561		
700.00	697.47	737.29	737.28	4.34	4.40	-155.25	16.10	-9,702.95	9,742.58	9,733.84	8.74	1,114.999		
800.00	795.62	849.46	849.46	4.66	4.74	-155.15	16.08	-9,702.67	9,759.71	9,750.33	9.38	1,040.325		
824.00	819.08	873.20	873.20	4.75	4.81	-155.13	16.04	-9,702.61	9,764.28	9,754.74	9.54	1,023.779		
900.00	893.28	930.29	930.28	5.02	4.99	-155.16	15.86	-9,702.47	9,779.07	9,769.10	9.97	980.805		
1,000.00	990.92	1,000.00	1,000.00	5.40	5.22	-155.20	15.65	-9,702.53	9,798.84	9,788.29	10.55	929.085		
1,100.00	1,088.56	1,100.00	1,100.98	5.80	5.56	-155.25	15.25	-9,702.67	9,818.67	9,807.42	11.25	872.635		
1,200.00	1,186.19	1,168.02	1,168.02	6.21	5.80	-155.29	14.88	-9,702.81	9,838.62	9,826.75	11.87	828.994		
1,300.00	1,283.83	1,270.04	1,270.03	6.64	6.16	-155.35	14.24	-9,703.36	9,858.88	9,846.25	12.62	780.907		
1,400.00	1,381.47	1,360.09	1,360.08	7.08	6.49	-155.40	13.67	-9,703.70	9,878.97	9,865.62	13.36	739.699		
1,500.00	1,479.10	1,436.79	1,436.77	7.53	6.77	-155.45	13.34	-9,704.15	9,899.29	9,885.24	14.05	704.640		
1,600.00	1,576.74	1,519.35	1,519.34	7.99	7.09	-155.49	12.89	-9,704.79	9,919.79	9,905.02	14.77	671.391		
1,700.00	1,674.38	1,615.72	1,615.69	8.45	7.45	-155.55	12.44	-9,705.61	9,940.38	9,924.81	15.57	638.636		
1,800.00	1,772.02	1,720.38	1,720.35	8.92	7.86	-155.60	12.11	-9,706.46	9,960.93	9,944.53	16.40	607.459		
1,900.00	1,869.65	1,815.62	1,815.59	9.39	8.23	-155.65	12.01	-9,707.18	9,981.44	9,964.24	17.20	580.279		
8,100.00	7,245.61	7,232.55	7,232.18	45.64	30.92	-84.43	39.77	-9,741.59	9,992.24	9,929.13	63.11	158.327		
8,200.00	7,245.79	7,233.16	7,232.79	47.42	30.92	-84.49	39.78	-9,741.59	9,892.41	9,829.29	63.12	156.718		
8,300.00	7,245.97	7,233.76	7,233.39	49.30	30.92	-84.54	39.78	-9,741.59	9,792.59	9,729.45	63.14	155.104		
8,400.00	7,246.14	7,234.37	7,234.00	51.28	30.92	-84.60	39.78	-9,741.60	9,692.77	9,629.62	63.15	153.485		
8,500.00	7,246.32	7,234.97	7,234.60	53.34	30.93	-84.66	39.79	-9,741.60	9,592.96	9,529.79	63.17	151.860		
8,600.00	7,246.50	7,235.58	7,235.21	55.46	30.93	-84.72	39.79	-9,741.60	9,493.15	9,429.96	63.19	150.231		
8,700.00	7,246.67	7,236.18	7,235.81	57.66	30.93	-84.78	39.79	-9,741.60	9,393.34	9,330.13	63.21	148.596		
8,800.00	7,246.85	7,236.79	7,236.42	59.90	30.94	-84.84	39.80	-9,741.61	9,293.54	9,230.30	63.24	146.956		
8,900.00	7,247.03	7,237.39	7,237.02	62.20	30.94	-84.90	39.80	-9,741.61	9,193.74	9,130.47	63.27	145.311		
9,000.00	7,247.21	7,238.00	7,237.63	64.55	30.94	-84.95	39.80	-9,741.61	9,093.95	9,030.65	63.30	143.660		
9,100.00	7,247.38	7,238.60	7,238.23	66.93	30.94	-85.01	39.81	-9,741.61	8,994.16	8,930.82	63.34	142.005		
9,200.00	7,247.56	7,239.20	7,238.84	69.35	30.95	-85.07	39.81	-9,741.62	8,894.38	8,831.00	63.38	140.344		
9,300.00	7,247.74	7,239.81	7,239.44	71.80	30.95	-85.13	39.81	-9,741.62	8,794.60	8,731.18	63.42	138.679		
9,400.00	7,247.91	7,240.41	7,240.05	74.29	30.95	-85.19	39.82	-9,741.62	8,694.82	8,631.36	63.46	137.008		
9,500.00	7,248.09	7,241.02	7,240.65	76.79	30.95	-85.25	39.82	-9,741.62	8,595.05	8,531.54	63.51	135.332		
9,600.00	7,248.27	7,241.62	7,241.26	79.33	30.96	-85.31	39.82	-9,741.63	8,495.29	8,431.73	63.56	133.651		
9,700.00	7,248.45	7,242.23	7,241.86	81.88	30.96	-85.37	39.83	-9,741.63	8,395.53	8,331.91	63.62	131.965		
9,800.00	7,248.62	7,242.83	7,242.47	84.45	30.96	-85.43	39.83	-9,741.63	8,295.78	8,232.10	63.68	130.274		
9,900.00	7,248.80	7,243.44	7,243.07	87.04	30.96	-85.48	39.83	-9,741.64	8,196.03	8,132.29	63.74	128.578		
10,000.00	7,248.98	7,244.04	7,243.67	89.65	30.97	-85.54	39.84	-9,741.64	8,096.29	8,032.48	63.81	126.876		
10,100.00	7,249.15	7,244.65	7,244.28	92.28	30.97	-85.60	39.84	-9,741.64	7,996.56	7,932.67	63.89	125.170		
10,200.00	7,249.33	7,245.25	7,244.88	94.91	30.97	-85.66	39.84	-9,741.64	7,896.83	7,832.87	63.96	123.459		
10,300.00	7,249.51	7,245.86	7,245.49	97.56	30.97	-85.72	39.85	-9,741.65	7,797.11	7,733.07	64.05	121.742		
10,400.00	7,249.69	7,246.46	7,246.09	100.22	30.98	-85.78	39.85	-9,741.65	7,697.40	7,633.26	64.13	120.021		
10,500.00	7,249.86	7,247.07	7,246.70	102.89	30.98	-85.84	39.85	-9,741.65	7,597.69	7,533.47	64.23	118.295		
10,600.00	7,250.04	7,247.67	7,247.30	105.57	30.98	-85.90	39.86	-9,741.65	7,498.00	7,433.67	64.33	116.563		
10,700.00	7,250.22	7,248.28	7,247.91	108.27	30.98	-85.95	39.86	-9,741.66	7,398.31	7,333.88	64.43	114.826		
10,800.00	7,250.39	7,248.88	7,248.51	110.96	30.99	-86.01	39.86	-9,741.66	7,298.63	7,234.08	64.54	113.085		
10,900.00	7,250.57	7,249.49	7,249.12	113.67	30.99	-86.07	39.87	-9,741.66	7,198.95	7,134.29	64.66	111.338		
11,000.00	7,250.75	7,250.09	7,249.72	116.39	30.99	-86.13	39.87	-9,741.66	7,099.29	7,034.51	64.78	109.587		
11,100.00	7,250.93	7,250.70	7,250.33	119.11	30.99	-86.19	39.87	-9,741.67	6,999.64	6,934.72	64.91	107.830		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	7,251.10	7,251.30	7,250.93	121.83	31.00	-86.25	39.88	-9,741.67	6,899.99	6,834.94	65.05	106.068		
11,300.00	7,251.28	7,251.91	7,251.54	124.57	31.00	-86.31	39.88	-9,741.67	6,800.36	6,735.16	65.20	104.302		
11,400.00	7,251.46	7,252.51	7,252.14	127.31	31.00	-86.37	39.88	-9,741.67	6,700.74	6,635.38	65.35	102.530		
11,500.00	7,251.63	7,253.11	7,252.75	130.05	31.00	-86.43	39.89	-9,741.68	6,601.13	6,535.61	65.52	100.754		
11,600.00	7,251.81	7,253.72	7,253.35	132.80	31.01	-86.49	39.89	-9,741.68	6,501.53	6,435.84	65.69	98.972		
11,700.00	7,251.99	7,254.32	7,253.96	135.55	31.01	-86.54	39.89	-9,741.68	6,401.94	6,336.07	65.87	97.186		
11,800.00	7,252.17	7,254.93	7,254.56	138.31	31.01	-86.60	39.90	-9,741.68	6,302.37	6,236.30	66.07	95.395		
11,900.00	7,252.34	7,255.53	7,255.17	141.07	31.02	-86.66	39.90	-9,741.69	6,202.81	6,136.54	66.27	93.599		
12,000.00	7,252.52	7,256.14	7,255.77	143.84	31.02	-86.72	39.90	-9,741.69	6,103.26	6,036.78	66.49	91.798		
12,100.00	7,252.70	7,256.74	7,256.37	146.61	31.02	-86.78	39.91	-9,741.69	6,003.73	5,937.02	66.71	89.992		
12,200.00	7,252.87	7,257.35	7,256.98	149.38	31.02	-86.84	39.91	-9,741.69	5,904.22	5,837.26	66.95	88.182		
12,300.00	7,253.05	7,257.95	7,257.58	152.16	31.03	-86.90	39.91	-9,741.70	5,804.72	5,737.51	67.21	86.367		
12,400.00	7,253.23	7,258.56	7,258.19	154.94	31.03	-86.96	39.92	-9,741.70	5,705.24	5,637.76	67.48	84.548		
12,500.00	7,253.41	7,259.16	7,258.79	157.72	31.03	-87.02	39.92	-9,741.70	5,605.78	5,538.01	67.76	82.725		
12,600.00	7,253.58	7,259.77	7,259.40	160.51	31.03	-87.08	39.92	-9,741.71	5,506.33	5,438.27	68.07	80.897		
12,700.00	7,253.76	7,260.37	7,260.00	163.29	31.04	-87.13	39.93	-9,741.71	5,406.91	5,338.53	68.39	79.065		
12,800.00	7,253.94	7,260.98	7,260.61	166.08	31.04	-87.19	39.93	-9,741.71	5,307.51	5,238.79	68.72	77.230		
12,900.00	7,254.11	7,261.58	7,261.21	168.88	31.04	-87.25	39.93	-9,741.71	5,208.13	5,139.05	69.08	75.390		
13,000.00	7,254.29	7,262.19	7,261.82	171.67	31.04	-87.31	39.94	-9,741.72	5,108.78	5,039.32	69.46	73.548		
13,100.00	7,254.47	7,262.79	7,262.42	174.47	31.05	-87.37	39.94	-9,741.72	5,009.45	4,939.59	69.87	71.702		
13,200.00	7,254.65	7,263.40	7,263.03	177.27	31.05	-87.43	39.94	-9,741.72	4,910.15	4,839.86	70.29	69.853		
13,300.00	7,254.82	7,264.00	7,263.63	180.07	31.05	-87.49	39.95	-9,741.72	4,810.88	4,740.13	70.75	68.001		
13,400.00	7,255.00	7,264.61	7,264.24	182.87	31.05	-87.55	39.95	-9,741.73	4,711.64	4,640.41	71.23	66.147		
13,500.00	7,255.18	7,265.21	7,264.84	185.67	31.06	-87.61	39.95	-9,741.73	4,612.43	4,540.69	71.74	64.292		
13,600.00	7,255.35	7,265.81	7,265.45	188.48	31.06	-87.67	39.96	-9,741.73	4,513.26	4,440.97	72.29	62.435		
13,700.00	7,255.53	7,266.42	7,266.05	191.29	31.06	-87.73	39.96	-9,741.73	4,414.12	4,341.25	72.87	60.577		
13,800.00	7,255.71	7,267.02	7,266.66	194.10	31.06	-87.78	39.96	-9,741.74	4,315.03	4,241.54	73.49	58.719		
13,900.00	7,255.89	7,267.63	7,267.26	196.91	31.07	-87.84	39.97	-9,741.74	4,215.97	4,141.83	74.15	56.861		
14,000.00	7,256.06	7,268.23	7,267.86	199.72	31.07	-87.90	39.97	-9,741.74	4,116.96	4,042.12	74.85	55.004		
14,100.00	7,256.24	7,268.84	7,268.47	202.53	31.07	-87.96	39.97	-9,741.74	4,018.01	3,942.41	75.60	53.149		
14,200.00	7,256.42	7,269.44	7,269.07	205.35	31.07	-88.02	39.98	-9,741.75	3,919.19	3,842.70	76.40	51.296		
14,300.00	7,256.59	7,270.05	7,269.68	208.16	31.08	-88.08	39.98	-9,741.75	3,820.25	3,742.99	77.26	49.447		
14,400.00	7,256.77	7,270.65	7,270.28	210.98	31.08	-88.14	39.98	-9,741.75	3,721.46	3,643.28	78.18	47.602		
14,500.00	7,256.95	7,271.26	7,270.89	213.80	31.08	-88.20	39.99	-9,741.75	3,622.74	3,543.58	79.16	45.763		
14,600.00	7,257.13	7,271.86	7,271.49	216.62	31.08	-88.26	39.99	-9,741.76	3,524.09	3,443.87	80.22	43.931		
14,700.00	7,257.30	7,272.47	7,272.10	219.44	31.09	-88.32	39.99	-9,741.76	3,425.52	3,344.17	81.35	42.107		
14,800.00	7,257.48	7,273.07	7,272.70	222.26	31.09	-88.38	40.00	-9,741.76	3,327.03	3,244.46	82.57	40.293		
14,900.00	7,257.66	7,273.68	7,273.31	225.08	31.09	-88.44	40.00	-9,741.76	3,228.64	3,144.76	83.88	38.490		
15,000.00	7,257.83	7,274.28	7,273.91	227.91	31.10	-88.49	40.00	-9,741.77	3,130.35	3,045.05	85.30	36.699		
15,100.00	7,258.01	7,274.89	7,274.52	230.73	31.10	-88.55	40.01	-9,741.77	3,032.17	2,945.34	86.83	34.923		
15,200.00	7,258.19	7,275.49	7,275.12	233.56	31.10	-88.61	40.01	-9,741.77	2,934.11	2,845.63	88.48	33.163		
15,300.00	7,258.37	7,276.10	7,275.73	236.38	31.10	-88.67	40.01	-9,741.77	2,836.19	2,745.93	90.26	31.421		
15,400.00	7,258.54	7,276.70	7,276.33	239.21	31.11	-88.73	40.02	-9,741.78	2,738.42	2,646.22	92.20	29.700		
15,500.00	7,258.72	7,277.31	7,276.94	242.04	31.11	-88.79	40.02	-9,741.78	2,640.81	2,546.50	94.31	28.002		
15,600.00	7,258.90	7,277.91	7,277.54	244.87	31.11	-88.85	40.02	-9,741.78	2,543.39	2,446.79	96.60	26.329		
15,700.00	7,259.08	7,278.51	7,278.15	247.70	31.11	-88.91	40.03	-9,741.79	2,446.18	2,347.08	99.10	24.684		
15,800.00	7,259.25	7,279.12	7,278.75	250.53	31.12	-88.97	40.03	-9,741.79	2,349.21	2,247.37	101.83	23.069		
15,900.00	7,259.43	7,279.72	7,279.36	253.36	31.12	-89.03	40.03	-9,741.79	2,252.49	2,147.66	104.83	21.487		
16,000.00	7,259.61	7,280.33	7,279.96	256.19	31.12	-89.09	40.04	-9,741.79	2,156.08	2,047.96	108.12	19.942		
16,100.00	7,259.78	7,280.93	7,280.56	259.02	31.12	-89.15	40.04	-9,741.80	2,060.01	1,948.27	111.74	18.435		
16,200.00	7,259.96	7,281.54	7,281.17	261.85	31.13	-89.21	40.04	-9,741.80	1,964.33	1,848.59	115.75	16.971		
16,300.00	7,260.14	7,282.14	7,281.77	264.68	31.13	-89.26	40.05	-9,741.80	1,869.11	1,748.92	120.18	15.552		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
16,400.00	7,260.32	7,282.75	7,282.38	267.52	31.13	-89.32	40.05	-9,741.80	1,774.40	1,649.29	125.11	14.183		
16,500.00	7,260.49	7,283.35	7,282.98	270.35	31.13	-89.38	40.05	-9,741.81	1,680.32	1,549.71	130.61	12.865		
16,600.00	7,260.67	7,283.96	7,283.59	273.19	31.14	-89.44	40.06	-9,741.81	1,586.95	1,450.19	136.76	11.604		
16,700.00	7,260.85	7,284.56	7,284.19	276.02	31.14	-89.50	40.06	-9,741.81	1,494.45	1,350.77	143.67	10.402		
16,800.00	7,261.02	7,285.17	7,284.80	278.86	31.14	-89.56	40.06	-9,741.81	1,402.97	1,251.50	151.47	9.262		
16,900.00	7,261.20	7,285.77	7,285.40	281.69	31.14	-89.62	40.07	-9,741.82	1,312.73	1,152.44	160.30	8.189		
17,000.00	7,261.38	7,286.38	7,286.01	284.53	31.15	-89.68	40.07	-9,741.82	1,224.02	1,053.70	170.32	7.186		
17,100.00	7,261.56	7,286.98	7,286.61	287.37	31.15	-89.74	40.07	-9,741.82	1,137.18	955.44	181.74	6.257		
17,200.00	7,261.73	7,287.59	7,287.22	290.21	31.15	-89.80	40.08	-9,741.82	1,052.67	857.92	194.76	5.405		
17,300.00	7,261.91	7,288.19	7,287.82	293.04	31.15	-89.86	40.08	-9,741.83	971.12	761.53	209.59	4.633		
17,400.00	7,262.09	7,288.80	7,288.43	295.88	31.16	-89.92	40.08	-9,741.83	893.32	666.91	226.41	3.946		
17,500.00	7,262.26	7,289.40	7,289.03	298.72	31.16	-89.98	40.09	-9,741.83	820.34	575.07	245.27	3.345		
17,600.00	7,262.44	7,290.01	7,289.64	301.56	31.16	-90.03	40.09	-9,741.83	753.60	487.63	265.96	2.833		
17,700.00	7,262.62	7,290.61	7,290.24	304.40	31.16	-90.09	40.09	-9,741.84	694.88	407.08	287.80	2.414		
17,800.00	7,262.80	7,291.21	7,290.85	307.24	31.17	-90.15	40.10	-9,741.84	646.37	337.05	309.33	2.090		
17,900.00	7,262.97	7,291.82	7,291.45	310.08	31.17	-90.21	40.10	-9,741.84	610.52	282.33	328.19	1.860		
18,000.00	7,263.15	7,292.42	7,292.06	312.92	31.17	-90.27	40.10	-9,741.84	589.65	248.18	341.46	1.727		
18,075.29	7,263.28	7,292.88	7,292.51	315.06	31.17	-90.32	40.11	-9,741.85	584.82	238.62	346.20	1.689 CC, ES		
18,100.00	7,263.33	7,293.03	7,292.66	315.76	31.17	-90.33	40.11	-9,741.85	585.34	238.69	346.65	1.689 SF		
18,200.00	7,263.50	7,293.63	7,293.26	318.61	31.18	-90.39	40.11	-9,741.85	597.97	255.00	342.97	1.744		
18,300.00	7,263.68	7,294.24	7,293.87	321.45	31.18	-90.45	40.11	-9,741.85	626.50	294.77	331.73	1.889		
18,400.00	7,263.86	7,294.84	7,294.47	324.29	31.18	-90.51	40.12	-9,741.85	668.91	353.35	315.56	2.120		
18,500.00	7,264.04	7,295.45	7,295.08	327.13	31.19	-90.57	40.12	-9,741.86	722.76	425.62	297.15	2.432		
18,600.00	7,264.21	7,296.05	7,295.68	329.97	31.19	-90.63	40.12	-9,741.86	785.70	507.21	278.48	2.821		
18,700.00	7,264.39	7,296.66	7,296.29	332.82	31.19	-90.69	40.13	-9,741.86	855.72	594.96	260.76	3.282		
18,800.00	7,264.57	7,297.26	7,296.89	335.66	31.19	-90.75	40.13	-9,741.87	931.23	686.71	244.52	3.808		
18,900.00	7,264.74	7,297.87	7,297.50	338.51	31.20	-90.80	40.13	-9,741.87	1,011.01	781.05	229.95	4.397		
19,000.00	7,264.92	7,298.47	7,298.10	341.35	31.20	-90.86	40.14	-9,741.87	1,094.11	877.10	217.01	5.042		
19,044.52	7,265.00	7,298.74	7,298.37	342.62	31.20	-90.89	40.14	-9,741.87	1,131.98	920.25	211.74	5.346		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	14.00	14.00	3.28	3.29	-98.66	-1,300.91	-8,544.14	8,642.61					
100.00	100.00	114.00	114.00	3.28	3.97	-98.66	-1,300.91	-8,544.14	8,642.61	8,635.36	7.25	1,191.534		
200.00	200.00	214.00	214.00	3.34	6.60	-98.66	-1,300.91	-8,544.14	8,642.61	8,632.68	9.94	869.891		
300.00	299.98	313.98	313.98	3.44	9.78	-164.21	-1,300.91	-8,544.14	8,644.29	8,631.06	13.23	653.598		
400.00	399.84	413.84	413.84	3.60	13.12	-164.19	-1,300.91	-8,544.14	8,649.33	8,632.61	16.72	517.272		
500.00	499.45	513.45	513.45	3.81	16.51	-164.16	-1,300.91	-8,544.14	8,657.71	8,637.40	20.32	426.135		
600.00	598.70	612.70	612.70	4.06	19.92	-164.12	-1,300.91	-8,544.14	8,669.44	8,645.47	23.97	361.667		
700.00	697.47	711.47	711.47	4.34	23.32	-164.07	-1,300.91	-8,544.14	8,684.50	8,656.84	27.66	313.978		
800.00	795.62	809.62	809.62	4.66	26.72	-164.00	-1,300.91	-8,544.14	8,702.87	8,671.50	31.37	277.448		
824.00	819.08	833.08	833.08	4.75	27.53	-163.98	-1,300.91	-8,544.14	8,707.77	8,675.51	32.26	269.897		
900.00	893.28	907.28	907.28	5.02	30.11	-164.01	-1,300.91	-8,544.14	8,723.58	8,688.50	35.09	248.625		
1,000.00	990.92	1,004.92	1,004.92	5.40	33.50	-164.05	-1,300.91	-8,544.14	8,744.40	8,705.57	38.82	225.233		
1,100.00	1,088.56	1,102.56	1,102.56	5.80	36.89	-164.09	-1,300.91	-8,544.14	8,765.21	8,722.63	42.58	205.848		
1,200.00	1,186.19	1,200.19	1,200.19	6.21	40.29	-164.12	-1,300.91	-8,544.14	8,786.03	8,739.68	46.36	189.538		
1,300.00	1,283.83	1,302.17	1,297.83	6.64	43.84	-164.16	-1,300.91	-8,544.14	8,806.86	8,756.56	50.29	175.108		
1,400.00	1,381.47	1,404.53	1,395.47	7.08	47.40	-164.20	-1,300.91	-8,544.14	8,827.69	8,773.43	54.26	162.700		
1,500.00	1,479.10	1,506.90	1,493.10	7.53	50.97	-164.24	-1,300.91	-8,544.14	8,848.52	8,790.29	58.23	151.957		
1,600.00	1,576.74	1,609.26	1,590.74	7.99	54.53	-164.28	-1,300.91	-8,544.14	8,869.35	8,807.14	62.21	142.569		
1,700.00	1,674.38	1,688.38	1,688.38	8.45	57.29	-164.31	-1,300.91	-8,544.14	8,890.19	8,824.80	65.39	135.960		
1,800.00	1,772.02	1,786.02	1,786.02	8.92	60.69	-164.35	-1,300.91	-8,544.14	8,911.03	8,841.82	69.22	128.741		
1,900.00	1,869.65	1,883.65	1,883.65	9.39	64.10	-164.39	-1,300.91	-8,544.14	8,931.88	8,858.83	73.05	122.271		
2,000.00	1,967.29	1,981.29	1,981.29	9.87	67.50	-164.43	-1,300.91	-8,544.14	8,952.73	8,875.84	76.89	116.440		
2,100.00	2,064.93	2,078.93	2,078.93	10.35	70.91	-164.46	-1,300.91	-8,544.14	8,973.58	8,892.86	80.73	111.159		
2,200.00	2,162.56	2,176.56	2,176.56	10.83	74.31	-164.50	-1,300.91	-8,544.14	8,994.44	8,909.87	84.57	106.354		
2,300.00	2,260.20	2,274.20	2,274.20	11.32	77.72	-164.54	-1,300.91	-8,544.14	9,015.30	8,926.88	88.42	101.963		
2,400.00	2,357.84	2,371.84	2,371.84	11.80	81.12	-164.57	-1,300.91	-8,544.14	9,036.16	8,943.90	92.27	97.936		
2,500.00	2,455.48	2,469.48	2,469.48	12.29	84.53	-164.61	-1,300.91	-8,544.14	9,057.03	8,960.91	96.12	94.229		
2,600.00	2,553.11	2,567.11	2,567.11	12.78	87.93	-164.65	-1,300.91	-8,544.14	9,077.90	8,977.93	99.97	90.806		
2,700.00	2,650.75	2,664.75	2,664.75	13.27	91.34	-164.68	-1,300.91	-8,544.14	9,098.78	8,994.95	103.82	87.636		
2,800.00	2,748.39	2,762.39	2,762.39	13.77	94.75	-164.72	-1,300.91	-8,544.14	9,119.66	9,011.98	107.68	84.692		
2,900.00	2,846.02	2,860.02	2,860.02	14.26	98.15	-164.75	-1,300.91	-8,544.14	9,140.54	9,029.00	111.54	81.950		
3,000.00	2,943.66	2,957.66	2,957.66	14.76	101.56	-164.79	-1,300.91	-8,544.14	9,161.42	9,046.03	115.40	79.391		
3,100.00	3,041.30	3,055.30	3,055.30	15.25	104.97	-164.82	-1,300.91	-8,544.14	9,182.31	9,063.05	119.26	76.997		
3,200.00	3,138.94	3,152.94	3,152.94	15.75	108.37	-164.86	-1,300.91	-8,544.14	9,203.20	9,080.08	123.12	74.752		
3,300.00	3,236.57	3,250.57	3,250.57	16.25	111.78	-164.89	-1,300.91	-8,544.14	9,224.10	9,097.12	126.98	72.643		
3,400.00	3,334.21	3,348.21	3,348.21	16.75	115.19	-164.93	-1,300.91	-8,544.14	9,244.99	9,114.15	130.84	70.659		
3,500.00	3,431.85	3,445.85	3,445.85	17.25	118.59	-164.96	-1,300.91	-8,544.14	9,265.90	9,131.19	134.70	68.787		
3,600.00	3,529.48	3,543.48	3,543.48	17.75	122.00	-165.00	-1,300.91	-8,544.14	9,286.80	9,148.23	138.57	67.020		
3,700.00	3,627.12	3,641.12	3,641.12	18.25	125.41	-165.03	-1,300.91	-8,544.14	9,307.71	9,165.28	142.43	65.349		
3,800.00	3,724.76	3,738.76	3,738.76	18.75	128.82	-165.07	-1,300.91	-8,544.14	9,328.62	9,182.32	146.30	63.765		
3,900.00	3,822.40	3,836.40	3,836.40	19.25	132.22	-165.10	-1,300.91	-8,544.14	9,349.53	9,199.37	150.16	62.263		
4,000.00	3,920.03	3,934.03	3,934.03	19.75	135.63	-165.14	-1,300.91	-8,544.14	9,370.45	9,216.42	154.03	60.836		
4,100.00	4,017.67	4,031.67	4,031.67	20.25	139.04	-165.17	-1,300.91	-8,544.14	9,391.37	9,233.48	157.89	59.479		
4,200.00	4,115.31	4,129.31	4,129.31	20.76	142.45	-165.20	-1,300.91	-8,544.14	9,412.29	9,250.53	161.76	58.186		
4,300.00	4,212.94	4,226.94	4,226.94	21.26	145.85	-165.24	-1,300.91	-8,544.14	9,433.22	9,267.59	165.63	56.954		
4,400.00	4,310.58	4,324.58	4,324.58	21.76	149.26	-165.27	-1,300.91	-8,544.14	9,454.15	9,284.65	169.50	55.778		
4,500.00	4,408.22	4,422.22	4,422.22	22.27	152.67	-165.30	-1,300.91	-8,544.14	9,475.08	9,301.72	173.36	54.654		
4,600.00	4,505.86	4,519.86	4,519.86	22.77	156.08	-165.34	-1,300.91	-8,544.14	9,496.02	9,318.79	177.23	53.579		
4,700.00	4,603.49	4,617.49	4,617.49	23.28	159.49	-165.37	-1,300.91	-8,544.14	9,516.96	9,335.86	181.10	52.550		
4,800.00	4,701.13	4,715.13	4,715.13	23.78	162.89	-165.40	-1,300.91	-8,544.14	9,537.90	9,352.93	184.97	51.564		
4,900.00	4,798.77	4,812.77	4,812.77	24.28	166.30	-165.43	-1,300.91	-8,544.14	9,558.84	9,370.00	188.84	50.619		
5,000.00	4,896.40	4,910.40	4,910.40	24.79	169.71	-165.47	-1,300.91	-8,544.14	9,579.79	9,387.08	192.71	49.711		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	4,994.04	5,008.04	5,008.04	25.30	173.12	-165.50	-1,300.91	-8,544.14	9,600.74	9,404.16	196.58	48.839					
5,200.00	5,091.68	5,105.68	5,105.68	25.80	176.52	-165.53	-1,300.91	-8,544.14	9,621.70	9,421.25	200.45	48.001					
5,300.00	5,189.32	5,203.32	5,203.32	26.31	179.93	-165.56	-1,300.91	-8,544.14	9,642.65	9,438.33	204.32	47.194					
5,400.00	5,286.95	5,300.95	5,300.95	26.81	183.34	-165.59	-1,300.91	-8,544.14	9,663.61	9,455.42	208.19	46.417					
5,500.00	5,384.59	5,401.41	5,398.59	27.32	186.85	-165.63	-1,300.91	-8,544.14	9,684.57	9,472.42	212.16	45.648					
5,600.00	5,482.23	5,503.77	5,496.23	27.82	190.42	-165.66	-1,300.91	-8,544.14	9,705.54	9,489.34	216.19	44.893					
5,700.00	5,579.87	5,606.14	5,593.87	28.33	193.99	-165.69	-1,300.91	-8,544.14	9,726.51	9,506.28	220.23	44.165					
5,800.00	5,677.50	5,708.50	5,691.50	28.84	197.57	-165.72	-1,300.91	-8,544.14	9,747.48	9,523.21	224.27	43.464					
5,900.00	5,775.14	5,789.14	5,789.14	29.34	200.38	-165.75	-1,300.91	-8,544.14	9,768.45	9,540.91	227.54	42.930					
6,000.00	5,872.78	5,886.78	5,886.78	29.85	203.79	-165.78	-1,300.91	-8,544.14	9,789.43	9,558.01	231.42	42.302					
6,100.00	5,970.41	5,984.41	5,984.41	30.36	207.20	-165.81	-1,300.91	-8,544.14	9,810.41	9,575.12	235.29	41.695					
6,200.00	6,068.05	6,082.05	6,082.05	30.86	210.60	-165.84	-1,300.91	-8,544.14	9,831.39	9,592.23	239.16	41.108					
6,300.00	6,165.69	6,179.69	6,179.69	31.37	214.01	-165.88	-1,300.91	-8,544.14	9,852.37	9,609.34	243.03	40.540					
6,400.00	6,263.33	6,277.33	6,277.33	31.88	217.42	-165.91	-1,300.91	-8,544.14	9,873.36	9,626.46	246.90	39.989					
6,500.00	6,360.96	6,374.96	6,374.96	32.38	220.83	-165.94	-1,300.91	-8,544.14	9,894.35	9,643.57	250.78	39.455					
6,600.00	6,458.60	6,472.60	6,472.60	32.89	224.24	-165.97	-1,300.91	-8,544.14	9,915.34	9,660.69	254.65	38.937					
6,628.42	6,486.35	6,500.35	6,500.35	33.04	225.21	-165.98	-1,300.91	-8,544.14	9,921.31	9,665.56	255.75	38.793					
6,650.00	6,507.49	6,521.49	6,521.49	33.14	225.94	-161.60	-1,300.91	-8,544.14	9,925.49	9,668.90	256.59	38.683					
6,700.00	6,556.88	6,570.88	6,570.88	33.37	227.67	-143.78	-1,300.91	-8,544.14	9,932.45	9,673.92	258.53	38.419					
6,750.00	6,606.60	6,620.60	6,620.60	33.58	229.40	-105.14	-1,300.91	-8,544.14	9,935.57	9,675.10	260.47	38.144					
6,800.00	6,656.35	6,670.35	6,670.35	33.76	231.14	-62.88	-1,300.91	-8,544.14	9,934.85	9,672.45	262.40	37.861					
6,850.00	6,705.83	6,719.83	6,719.83	33.94	232.87	-42.44	-1,300.91	-8,544.14	9,930.27	9,665.98	264.30	37.572					
6,900.00	6,754.72	6,768.72	6,768.72	34.12	234.57	-33.14	-1,300.91	-8,544.14	9,921.88	9,655.73	266.15	37.279					
6,950.00	6,802.72	6,816.72	6,816.72	34.31	236.25	-28.24	-1,300.91	-8,544.14	9,909.72	9,641.76	267.96	36.982					
7,000.00	6,849.54	6,863.54	6,863.54	34.50	237.88	-25.41	-1,300.91	-8,544.14	9,893.88	9,624.17	269.71	36.683					
7,050.00	6,894.89	6,908.89	6,908.89	34.71	239.47	-23.73	-1,300.91	-8,544.14	9,874.44	9,603.05	271.39	36.384					
7,100.00	6,938.49	6,952.49	6,952.49	34.93	240.99	-22.78	-1,300.91	-8,544.14	9,851.54	9,578.55	273.00	36.087					
7,150.00	6,980.07	7,005.93	6,994.07	35.17	242.85	-22.35	-1,300.91	-8,544.14	9,825.31	9,550.39	274.92	35.738					
7,200.00	7,019.38	7,033.38	7,033.38	35.43	243.81	-22.35	-1,300.91	-8,544.14	9,795.92	9,519.99	275.93	35.501					
7,250.00	7,056.17	7,070.17	7,070.17	35.71	245.10	-22.74	-1,300.91	-8,544.14	9,763.55	9,486.29	277.25	35.215					
7,300.00	7,090.21	7,104.21	7,104.21	36.03	246.28	-23.52	-1,300.91	-8,544.14	9,728.40	9,449.93	278.47	34.935					
7,350.00	7,121.30	7,135.30	7,135.30	36.37	247.37	-24.74	-1,300.91	-8,544.14	9,690.68	9,411.11	279.57	34.663					
7,400.00	7,149.25	7,163.25	7,163.25	36.75	248.35	-26.49	-1,300.91	-8,544.14	9,650.64	9,370.08	280.56	34.398					
7,450.00	7,173.87	7,187.87	7,187.87	37.17	249.21	-28.94	-1,300.91	-8,544.14	9,608.52	9,327.10	281.42	34.143					
7,500.00	7,195.03	7,209.03	7,209.03	37.62	249.94	-32.33	-1,300.91	-8,544.14	9,564.57	9,282.41	282.16	33.897					
7,550.00	7,212.58	7,226.58	7,226.58	38.11	250.56	-37.11	-1,300.91	-8,544.14	9,519.08	9,236.30	282.78	33.662					
7,600.00	7,226.43	7,240.43	7,240.43	38.64	251.04	-43.98	-1,300.91	-8,544.14	9,472.31	9,189.04	283.27	33.439					
7,650.00	7,236.48	7,250.48	7,250.48	39.20	251.39	-54.04	-1,300.91	-8,544.14	9,424.57	9,140.93	283.63	33.228					
7,700.00	7,242.68	7,256.68	7,256.68	39.79	251.61	-68.66	-1,300.91	-8,544.14	9,376.13	9,092.27	283.87	33.030					
7,753.32	7,245.00	7,259.00	7,259.00	40.44	251.69	-89.52	-1,300.91	-8,544.14	9,324.06	9,040.08	283.98	32.834					
7,800.00	7,245.08	7,259.08	7,259.08	41.04	251.69	-89.52	-1,300.91	-8,544.14	9,278.39	8,994.38	284.01	32.669					
7,900.00	7,245.26	7,259.26	7,259.26	42.43	251.70	-89.53	-1,300.91	-8,544.14	9,180.59	8,896.50	284.09	32.316					
8,000.00	7,245.43	7,259.43	7,259.43	43.97	251.70	-89.53	-1,300.91	-8,544.14	9,082.84	8,798.65	284.19	31.960					
8,100.00	7,245.61	7,259.61	7,259.61	45.64	251.71	-89.54	-1,300.91	-8,544.14	8,985.13	8,700.83	284.30	31.604					
8,200.00	7,245.79	7,259.79	7,259.79	47.42	251.72	-89.54	-1,300.91	-8,544.14	8,887.48	8,603.05	284.44	31.246					
8,300.00	7,245.97	7,259.97	7,259.97	49.30	251.72	-89.55	-1,300.91	-8,544.14	8,789.88	8,505.30	284.59	30.886					
8,400.00	7,246.14	7,260.14	7,260.14	51.28	251.73	-89.55	-1,300.91	-8,544.14	8,692.34	8,407.58	284.76	30.526					
8,500.00	7,246.32	7,260.32	7,260.32	53.34	251.73	-89.56	-1,300.91	-8,544.14	8,594.85	8,309.90	284.95	30.163					
8,600.00	7,246.50	7,260.50	7,260.50	55.46	251.74	-89.56	-1,300.91	-8,544.14	8,497.42	8,212.26	285.16	29.799					
8,700.00	7,246.67	7,260.67	7,260.67	57.66	251.75	-89.57	-1,300.91	-8,544.14	8,400.05	8,114.66	285.39	29.434					
8,800.00	7,246.85	7,260.85	7,260.85	59.90	251.75	-89.57	-1,300.91	-8,544.14	8,302.74	8,017.10	285.64	29.067					
8,900.00	7,247.03	7,261.03	7,261.03	62.20	251.76	-89.58	-1,300.91	-8,544.14	8,205.50	7,919.58	285.92	28.699					

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,261.21	7,261.21	64.55	251.77	-89.58	-1,300.91	-8,544.14	8,108.32	7,822.10	286.22	28.329		
9,100.00	7,247.38	7,261.38	7,261.38	66.93	251.77	-89.59	-1,300.91	-8,544.14	8,011.22	7,724.67	286.55	27.958		
9,200.00	7,247.56	7,261.56	7,261.56	69.35	251.78	-89.60	-1,300.91	-8,544.14	7,914.18	7,627.28	286.90	27.585		
9,300.00	7,247.74	7,261.74	7,261.74	71.80	251.78	-89.60	-1,300.91	-8,544.14	7,817.23	7,529.94	287.28	27.211		
9,400.00	7,247.91	7,261.91	7,261.91	74.29	251.79	-89.61	-1,300.91	-8,544.14	7,720.34	7,432.65	287.69	26.836		
9,500.00	7,248.09	7,262.09	7,262.09	76.79	251.80	-89.61	-1,300.91	-8,544.14	7,623.54	7,335.41	288.13	26.459		
9,600.00	7,248.27	7,262.27	7,262.27	79.33	251.80	-89.62	-1,300.91	-8,544.14	7,526.83	7,238.23	288.60	26.080		
9,700.00	7,248.45	7,262.45	7,262.45	81.88	251.81	-89.62	-1,300.91	-8,544.14	7,430.20	7,141.09	289.10	25.701		
9,800.00	7,248.62	7,262.62	7,262.62	84.45	251.81	-89.63	-1,300.91	-8,544.14	7,333.66	7,044.02	289.64	25.320		
9,900.00	7,248.80	7,262.80	7,262.80	87.04	251.82	-89.63	-1,300.91	-8,544.14	7,237.21	6,947.00	290.21	24.938		
10,000.00	7,248.98	7,262.98	7,262.98	89.65	251.83	-89.64	-1,300.91	-8,544.14	7,140.86	6,850.05	290.81	24.555		
10,100.00	7,249.15	7,263.15	7,263.15	92.28	251.83	-89.64	-1,300.91	-8,544.14	7,044.61	6,753.16	291.45	24.171		
10,200.00	7,249.33	7,263.33	7,263.33	94.91	251.84	-89.65	-1,300.91	-8,544.14	6,948.47	6,656.35	292.13	23.786		
10,300.00	7,249.51	7,263.51	7,263.51	97.56	251.85	-89.65	-1,300.91	-8,544.14	6,852.44	6,559.60	292.84	23.400		
10,400.00	7,249.69	7,263.69	7,263.69	100.22	251.85	-89.66	-1,300.91	-8,544.14	6,756.53	6,462.93	293.60	23.013		
10,500.00	7,249.86	7,263.86	7,263.86	102.89	251.86	-89.66	-1,300.91	-8,544.14	6,660.73	6,366.33	294.40	22.625		
10,600.00	7,250.04	7,264.04	7,264.04	105.57	251.86	-89.67	-1,300.91	-8,544.14	6,565.06	6,269.82	295.24	22.236		
10,700.00	7,250.22	7,264.22	7,264.22	108.27	251.87	-89.67	-1,300.91	-8,544.14	6,469.53	6,173.40	296.13	21.847		
10,800.00	7,250.39	7,264.39	7,264.39	110.96	251.88	-89.68	-1,300.91	-8,544.14	6,374.12	6,077.06	297.06	21.457		
10,900.00	7,250.57	7,264.57	7,264.57	113.67	251.88	-89.68	-1,300.91	-8,544.14	6,278.87	5,980.82	298.04	21.067		
11,000.00	7,250.75	7,264.75	7,264.75	116.39	251.89	-89.69	-1,300.91	-8,544.14	6,183.76	5,884.68	299.07	20.676		
11,100.00	7,250.93	7,264.93	7,264.93	119.11	251.89	-89.70	-1,300.91	-8,544.14	6,088.81	5,788.65	300.15	20.286		
11,200.00	7,251.10	7,265.10	7,265.10	121.83	251.90	-89.70	-1,300.91	-8,544.14	5,994.02	5,692.73	301.29	19.895		
11,300.00	7,251.28	7,265.28	7,265.28	124.57	251.91	-89.71	-1,300.91	-8,544.14	5,899.40	5,596.93	302.48	19.504		
11,400.00	7,251.46	7,265.46	7,265.46	127.31	251.91	-89.71	-1,300.91	-8,544.14	5,804.97	5,501.24	303.72	19.113		
11,500.00	7,251.63	7,265.63	7,265.63	130.05	251.92	-89.72	-1,300.91	-8,544.14	5,710.72	5,405.69	305.03	18.722		
11,600.00	7,251.81	7,265.81	7,265.81	132.80	251.93	-89.72	-1,300.91	-8,544.14	5,616.67	5,310.28	306.39	18.332		
11,700.00	7,251.99	7,265.99	7,265.99	135.55	251.93	-89.73	-1,300.91	-8,544.14	5,522.84	5,215.02	307.82	17.942		
11,800.00	7,252.17	7,266.17	7,266.17	138.31	251.94	-89.73	-1,300.91	-8,544.14	5,429.22	5,119.90	309.32	17.552		
11,900.00	7,252.34	7,266.34	7,266.34	141.07	251.94	-89.74	-1,300.91	-8,544.14	5,335.83	5,024.95	310.88	17.164		
12,000.00	7,252.52	7,266.52	7,266.52	143.84	251.95	-89.74	-1,300.91	-8,544.14	5,242.69	4,930.18	312.51	16.776		
12,100.00	7,252.70	7,266.70	7,266.70	146.61	251.96	-89.75	-1,300.91	-8,544.14	5,149.81	4,835.58	314.22	16.389		
12,200.00	7,252.87	7,266.87	7,266.87	149.38	251.96	-89.75	-1,300.91	-8,544.14	5,057.19	4,741.18	316.01	16.003		
12,300.00	7,253.05	7,267.05	7,267.05	152.16	251.97	-89.76	-1,300.91	-8,544.14	4,964.87	4,646.99	317.88	15.619		
12,400.00	7,253.23	7,267.23	7,267.23	154.94	251.98	-89.76	-1,300.91	-8,544.14	4,872.84	4,553.02	319.83	15.236		
12,500.00	7,253.41	7,267.41	7,267.41	157.72	251.98	-89.77	-1,300.91	-8,544.14	4,781.14	4,459.27	321.87	14.854		
12,600.00	7,253.58	7,267.58	7,267.58	160.51	251.99	-89.77	-1,300.91	-8,544.14	4,689.77	4,365.78	324.00	14.475		
12,700.00	7,253.76	7,267.76	7,267.76	163.29	251.99	-89.78	-1,300.91	-8,544.14	4,598.77	4,272.55	326.22	14.097		
12,800.00	7,253.94	7,267.94	7,267.94	166.08	252.00	-89.79	-1,300.91	-8,544.14	4,508.14	4,179.60	328.55	13.721		
12,900.00	7,254.11	7,268.11	7,268.11	168.88	252.01	-89.79	-1,300.91	-8,544.14	4,417.92	4,086.95	330.98	13.348		
13,000.00	7,254.29	7,268.29	7,268.29	171.67	252.01	-89.80	-1,300.91	-8,544.14	4,328.14	3,994.62	333.52	12.977		
13,100.00	7,254.47	7,268.47	7,268.47	174.47	252.02	-89.80	-1,300.91	-8,544.14	4,238.80	3,902.63	336.18	12.609		
13,200.00	7,254.65	7,268.65	7,268.65	177.27	252.02	-89.81	-1,300.91	-8,544.14	4,149.96	3,811.01	338.95	12.244		
13,300.00	7,254.82	7,268.82	7,268.82	180.07	252.03	-89.81	-1,300.91	-8,544.14	4,061.63	3,719.78	341.85	11.881		
13,400.00	7,255.00	7,269.00	7,269.00	182.87	252.04	-89.82	-1,300.91	-8,544.14	3,973.86	3,628.97	344.88	11.522		
13,500.00	7,255.18	7,269.18	7,269.18	185.67	252.04	-89.82	-1,300.91	-8,544.14	3,886.67	3,538.62	348.05	11.167		
13,600.00	7,255.35	7,269.35	7,269.35	188.48	252.05	-89.83	-1,300.91	-8,544.14	3,800.12	3,448.75	351.37	10.815		
13,700.00	7,255.53	7,269.53	7,269.53	191.29	252.06	-89.83	-1,300.91	-8,544.14	3,714.24	3,359.41	354.83	10.468		
13,800.00	7,255.71	7,269.71	7,269.71	194.10	252.06	-89.84	-1,300.91	-8,544.14	3,629.09	3,270.63	358.46	10.124		
13,900.00	7,255.89	7,269.89	7,269.89	196.91	252.07	-89.84	-1,300.91	-8,544.14	3,544.71	3,182.47	362.25	9.785		
14,000.00	7,256.06	7,270.06	7,270.06	199.72	252.07	-89.85	-1,300.91	-8,544.14	3,461.17	3,094.96	366.21	9.451		
14,100.00	7,256.24	7,270.24	7,270.24	202.53	252.08	-89.85	-1,300.91	-8,544.14	3,378.52	3,008.17	370.35	9.123		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	7,270.42	7,270.42	205.35	252.09	-89.86	-1,300.91	-8,544.14	3,296.83	2,922.16	374.67	8.799		
14,300.00	7,256.59	7,270.59	7,270.59	208.16	252.09	-89.86	-1,300.91	-8,544.14	3,216.17	2,836.98	379.19	8.482		
14,400.00	7,256.77	7,270.77	7,270.77	210.98	252.10	-89.87	-1,300.91	-8,544.14	3,136.63	2,752.72	383.91	8.170		
14,500.00	7,256.95	7,270.95	7,270.95	213.80	252.11	-89.87	-1,300.91	-8,544.14	3,058.29	2,669.46	388.84	7.865		
14,600.00	7,257.13	7,271.13	7,271.13	216.62	252.11	-89.88	-1,300.91	-8,544.14	2,981.25	2,587.28	393.98	7.567		
14,700.00	7,257.30	7,271.30	7,271.30	219.44	252.12	-89.89	-1,300.91	-8,544.14	2,905.61	2,506.28	399.33	7.276		
14,800.00	7,257.48	7,271.48	7,271.48	222.26	252.12	-89.89	-1,300.91	-8,544.14	2,831.47	2,426.57	404.90	6.993		
14,900.00	7,257.66	7,271.66	7,271.66	225.08	252.13	-89.90	-1,300.91	-8,544.14	2,758.97	2,348.28	410.69	6.718		
15,000.00	7,257.83	7,271.83	7,271.83	227.91	252.14	-89.90	-1,300.91	-8,544.14	2,688.24	2,271.54	416.70	6.451		
15,100.00	7,258.01	7,272.01	7,272.01	230.73	252.14	-89.91	-1,300.91	-8,544.14	2,619.41	2,196.48	422.93	6.194		
15,200.00	7,258.19	7,272.19	7,272.19	233.56	252.15	-89.91	-1,300.91	-8,544.14	2,552.65	2,123.29	429.36	5.945		
15,300.00	7,258.37	7,272.37	7,272.37	236.38	252.15	-89.92	-1,300.91	-8,544.14	2,488.11	2,052.13	435.99	5.707		
15,400.00	7,258.54	7,272.54	7,272.54	239.21	252.16	-89.92	-1,300.91	-8,544.14	2,425.99	1,983.19	442.79	5.479		
15,500.00	7,258.72	7,272.72	7,272.72	242.04	252.17	-89.93	-1,300.91	-8,544.14	2,366.45	1,916.70	449.75	5.262		
15,600.00	7,258.90	7,272.90	7,272.90	244.87	252.17	-89.93	-1,300.91	-8,544.14	2,309.72	1,852.88	456.84	5.056		
15,700.00	7,259.08	7,273.08	7,273.08	247.70	252.18	-89.94	-1,300.91	-8,544.14	2,255.99	1,791.98	464.01	4.862		
15,800.00	7,259.25	7,273.25	7,273.25	250.53	252.19	-89.94	-1,300.91	-8,544.14	2,205.49	1,734.26	471.23	4.680		
15,900.00	7,259.43	7,273.43	7,273.43	253.36	252.19	-89.95	-1,300.91	-8,544.14	2,158.44	1,680.01	478.43	4.512		
16,000.00	7,259.61	7,273.61	7,273.61	256.19	252.20	-89.95	-1,300.91	-8,544.14	2,115.08	1,629.52	485.56	4.356		
16,100.00	7,259.78	7,273.78	7,273.78	259.02	252.20	-89.96	-1,300.91	-8,544.14	2,075.63	1,583.08	492.56	4.214		
16,200.00	7,259.96	7,273.96	7,273.96	261.85	252.21	-89.96	-1,300.91	-8,544.14	2,040.33	1,541.00	499.33	4.086		
16,300.00	7,260.14	7,274.14	7,274.14	264.68	252.22	-89.97	-1,300.91	-8,544.14	2,009.39	1,503.58	505.81	3.973		
16,400.00	7,260.32	7,274.32	7,274.32	267.52	252.22	-89.97	-1,300.91	-8,544.14	1,983.01	1,471.11	511.90	3.874		
16,500.00	7,260.49	7,274.49	7,274.49	270.35	252.23	-89.98	-1,300.91	-8,544.14	1,961.38	1,443.86	517.53	3.790		
16,600.00	7,260.67	7,274.67	7,274.67	273.19	252.24	-89.99	-1,300.91	-8,544.14	1,944.66	1,422.06	522.61	3.721		
16,700.00	7,260.85	7,274.85	7,274.85	276.02	252.24	-89.99	-1,300.91	-8,544.14	1,932.98	1,405.91	527.07	3.667		
16,800.00	7,261.02	7,275.02	7,275.02	278.86	252.25	-90.00	-1,300.91	-8,544.14	1,926.42	1,395.56	530.86	3.629		
16,876.54	7,261.16	7,275.16	7,275.16	281.03	252.25	-90.00	-1,300.91	-8,544.14	1,924.90	1,391.62	533.28	3.610 CC		
16,900.00	7,261.20	7,275.20	7,275.20	281.69	252.25	-90.00	-1,300.91	-8,544.14	1,925.04	1,391.11	533.93	3.605 ES		
17,000.00	7,261.38	7,275.38	7,275.38	284.53	252.26	-90.01	-1,300.91	-8,544.14	1,928.86	1,392.60	536.26	3.597 SF		
17,100.00	7,261.56	7,275.56	7,275.56	287.37	252.27	-90.01	-1,300.91	-8,544.14	1,937.83	1,400.01	537.82	3.603		
17,200.00	7,261.73	7,275.73	7,275.73	290.21	252.27	-90.02	-1,300.91	-8,544.14	1,951.89	1,413.26	538.63	3.624		
17,300.00	7,261.91	7,275.91	7,275.91	293.04	252.28	-90.02	-1,300.91	-8,544.14	1,970.93	1,432.21	538.72	3.659		
17,400.00	7,262.09	7,276.09	7,276.09	295.88	252.28	-90.03	-1,300.91	-8,544.14	1,994.81	1,456.69	538.12	3.707		
17,500.00	7,262.26	7,276.26	7,276.26	298.72	252.29	-90.03	-1,300.91	-8,544.14	2,023.35	1,486.46	536.89	3.769		
17,600.00	7,262.44	7,276.44	7,276.44	301.56	252.30	-90.04	-1,300.91	-8,544.14	2,056.37	1,521.27	535.09	3.843		
17,700.00	7,262.62	7,276.62	7,276.62	304.40	252.30	-90.04	-1,300.91	-8,544.14	2,093.64	1,560.85	532.79	3.930		
17,800.00	7,262.80	7,276.80	7,276.80	307.24	252.31	-90.05	-1,300.91	-8,544.14	2,134.95	1,604.90	530.05	4.028		
17,900.00	7,262.97	7,276.97	7,276.97	310.08	252.32	-90.05	-1,300.91	-8,544.14	2,180.07	1,653.13	526.94	4.137		
18,000.00	7,263.15	7,277.15	7,277.15	312.92	252.32	-90.06	-1,300.91	-8,544.14	2,228.77	1,705.23	523.54	4.257		
18,100.00	7,263.33	7,277.33	7,277.33	315.76	252.33	-90.06	-1,300.91	-8,544.14	2,280.81	1,760.91	519.90	4.387		
18,200.00	7,263.50	7,277.50	7,277.50	318.61	252.33	-90.07	-1,300.91	-8,544.14	2,335.98	1,819.90	516.08	4.526		
18,300.00	7,263.68	7,277.68	7,277.68	321.45	252.34	-90.08	-1,300.91	-8,544.14	2,394.05	1,881.93	512.12	4.675		
18,400.00	7,263.86	7,277.86	7,277.86	324.29	252.35	-90.08	-1,300.91	-8,544.14	2,454.83	1,946.74	508.08	4.832		
18,500.00	7,264.04	7,278.04	7,278.04	327.13	252.35	-90.09	-1,300.91	-8,544.14	2,518.11	2,014.11	504.00	4.996		
18,600.00	7,264.21	7,278.21	7,278.21	329.97	252.36	-90.09	-1,300.91	-8,544.14	2,583.71	2,083.81	499.90	5.168		
18,700.00	7,264.39	7,278.39	7,278.39	332.82	252.36	-90.10	-1,300.91	-8,544.14	2,651.46	2,155.65	495.81	5.348		
18,800.00	7,264.57	7,278.57	7,278.57	335.66	252.37	-90.10	-1,300.91	-8,544.14	2,721.20	2,229.44	491.76	5.534		
18,900.00	7,264.74	7,278.74	7,278.74	338.51	252.38	-90.11	-1,300.91	-8,544.14	2,792.78	2,305.01	487.77	5.726		
19,000.00	7,264.92	7,278.92	7,278.92	341.35	252.38	-90.11	-1,300.91	-8,544.14	2,866.06	2,382.22	483.85	5.924		
19,044.52	7,265.00	7,279.00	7,279.00	342.62	252.39	-90.11	-1,300.91	-8,544.14	2,899.20	2,417.08	482.12	6.013		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	26.00	26.00	3.28	3.31	-80.58	1,398.92	-8,427.80	8,543.12					
100.00	100.00	126.00	126.00	3.28	4.22	-80.58	1,398.92	-8,427.80	8,543.12	8,535.61	7.50	1,138.562		
200.00	200.00	226.00	226.00	3.34	6.96	-80.58	1,398.92	-8,427.80	8,543.12	8,532.81	10.30	829.277		
300.00	299.98	325.98	325.98	3.44	10.18	-146.13	1,398.92	-8,427.80	8,544.57	8,530.94	13.62	627.300		
400.00	399.84	425.84	425.84	3.60	13.52	-146.10	1,398.92	-8,427.80	8,548.91	8,531.79	17.13	499.179		
500.00	499.45	525.45	525.45	3.81	16.92	-146.05	1,398.92	-8,427.80	8,556.15	8,535.43	20.73	412.839		
600.00	598.70	624.70	624.70	4.06	20.33	-145.98	1,398.92	-8,427.80	8,566.28	8,541.90	24.38	351.358		
700.00	697.47	723.47	723.47	4.34	23.74	-145.89	1,398.92	-8,427.80	8,579.29	8,551.22	28.07	305.636		
800.00	795.62	821.62	821.62	4.66	27.14	-145.78	1,398.92	-8,427.80	8,595.17	8,563.39	31.78	270.458		
824.00	819.08	845.08	845.08	4.75	27.95	-145.75	1,398.92	-8,427.80	8,599.41	8,566.73	32.68	263.178		
900.00	893.28	919.28	919.28	5.02	30.52	-145.81	1,398.92	-8,427.80	8,613.09	8,577.58	35.50	242.598		
1,000.00	990.92	1,016.92	1,016.92	5.40	33.91	-145.89	1,398.92	-8,427.80	8,631.11	8,591.86	39.25	219.919		
1,100.00	1,088.56	1,114.56	1,114.56	5.80	37.31	-145.97	1,398.92	-8,427.80	8,649.14	8,606.13	43.01	201.091		
1,200.00	1,186.19	1,212.19	1,212.19	6.21	40.70	-146.05	1,398.92	-8,427.80	8,667.19	8,620.40	46.79	185.227		
1,300.00	1,283.83	1,309.83	1,309.83	6.64	44.10	-146.13	1,398.92	-8,427.80	8,685.26	8,634.67	50.59	171.688		
1,400.00	1,381.47	1,407.47	1,407.47	7.08	47.50	-146.21	1,398.92	-8,427.80	8,703.34	8,648.95	54.39	160.005		
1,500.00	1,479.10	1,505.10	1,505.10	7.53	50.90	-146.29	1,398.92	-8,427.80	8,721.44	8,663.23	58.21	149.827		
1,600.00	1,576.74	1,602.74	1,602.74	7.99	54.31	-146.37	1,398.92	-8,427.80	8,739.55	8,677.52	62.03	140.884		
1,700.00	1,674.38	1,700.38	1,700.38	8.45	57.71	-146.44	1,398.92	-8,427.80	8,757.68	8,691.82	65.86	132.966		
1,800.00	1,772.02	1,801.98	1,798.02	8.92	61.25	-146.52	1,398.92	-8,427.80	8,775.83	8,705.99	69.84	125.660		
1,900.00	1,869.65	1,904.35	1,895.65	9.39	64.82	-146.60	1,398.92	-8,427.80	8,793.99	8,720.15	73.84	119.090		
2,000.00	1,967.29	2,006.71	1,993.29	9.87	68.39	-146.68	1,398.92	-8,427.80	8,812.17	8,734.32	77.85	113.190		
2,100.00	2,064.93	2,109.07	2,090.93	10.35	71.96	-146.75	1,398.92	-8,427.80	8,830.36	8,748.50	81.87	107.864		
2,200.00	2,162.56	2,188.56	2,188.56	10.83	74.73	-146.83	1,398.92	-8,427.80	8,848.57	8,763.49	85.08	103.998		
2,300.00	2,260.20	2,286.20	2,286.20	11.32	78.13	-146.90	1,398.92	-8,427.80	8,866.79	8,777.86	88.94	99.696		
2,400.00	2,357.84	2,383.84	2,383.84	11.80	81.54	-146.98	1,398.92	-8,427.80	8,885.03	8,792.24	92.79	95.750		
2,500.00	2,455.48	2,481.48	2,481.48	12.29	84.95	-147.06	1,398.92	-8,427.80	8,903.29	8,806.63	96.65	92.117		
2,600.00	2,553.11	2,579.11	2,579.11	12.78	88.35	-147.13	1,398.92	-8,427.80	8,921.56	8,821.04	100.51	88.761		
2,700.00	2,650.75	2,676.75	2,676.75	13.27	91.76	-147.20	1,398.92	-8,427.80	8,939.84	8,835.47	104.37	85.652		
2,800.00	2,748.39	2,774.39	2,774.39	13.77	95.17	-147.28	1,398.92	-8,427.80	8,958.14	8,849.90	108.24	82.764		
2,900.00	2,846.02	2,872.02	2,872.02	14.26	98.57	-147.35	1,398.92	-8,427.80	8,976.45	8,864.35	112.10	80.075		
3,000.00	2,943.66	2,969.66	2,969.66	14.76	101.98	-147.43	1,398.92	-8,427.80	8,994.78	8,878.81	115.97	77.564		
3,100.00	3,041.30	3,067.30	3,067.30	15.25	105.39	-147.50	1,398.92	-8,427.80	9,013.12	8,893.29	119.83	75.214		
3,200.00	3,138.94	3,164.94	3,164.94	15.75	108.79	-147.57	1,398.92	-8,427.80	9,031.48	8,907.78	123.70	73.011		
3,300.00	3,236.57	3,262.57	3,262.57	16.25	112.20	-147.65	1,398.92	-8,427.80	9,049.85	8,922.28	127.57	70.941		
3,400.00	3,334.21	3,360.21	3,360.21	16.75	115.61	-147.72	1,398.92	-8,427.80	9,068.24	8,936.80	131.44	68.993		
3,500.00	3,431.85	3,457.85	3,457.85	17.25	119.01	-147.79	1,398.92	-8,427.80	9,086.64	8,951.33	135.31	67.156		
3,600.00	3,529.48	3,555.48	3,555.48	17.75	122.42	-147.86	1,398.92	-8,427.80	9,105.05	8,965.87	139.18	65.421		
3,700.00	3,627.12	3,653.12	3,653.12	18.25	125.83	-147.93	1,398.92	-8,427.80	9,123.48	8,980.43	143.05	63.779		
3,800.00	3,724.76	3,750.76	3,750.76	18.75	129.24	-148.01	1,398.92	-8,427.80	9,141.92	8,995.00	146.92	62.224		
3,900.00	3,822.40	3,848.40	3,848.40	19.25	132.64	-148.08	1,398.92	-8,427.80	9,160.37	9,009.58	150.79	60.749		
4,000.00	3,920.03	3,946.03	3,946.03	19.75	136.05	-148.15	1,398.92	-8,427.80	9,178.84	9,024.18	154.66	59.347		
4,100.00	4,017.67	4,043.67	4,043.67	20.25	139.46	-148.22	1,398.92	-8,427.80	9,197.33	9,038.79	158.54	58.014		
4,200.00	4,115.31	4,141.31	4,141.31	20.76	142.87	-148.29	1,398.92	-8,427.80	9,215.82	9,053.42	162.41	56.745		
4,300.00	4,212.94	4,238.94	4,238.94	21.26	146.27	-148.36	1,398.92	-8,427.80	9,234.33	9,068.05	166.28	55.534		
4,400.00	4,310.58	4,336.58	4,336.58	21.76	149.68	-148.43	1,398.92	-8,427.80	9,252.86	9,082.70	170.16	54.379		
4,500.00	4,408.22	4,434.22	4,434.22	22.27	153.09	-148.50	1,398.92	-8,427.80	9,271.40	9,097.37	174.03	53.275		
4,600.00	4,505.86	4,531.86	4,531.86	22.77	156.50	-148.57	1,398.92	-8,427.80	9,289.95	9,112.04	177.90	52.219		
4,700.00	4,603.49	4,629.49	4,629.49	23.28	159.90	-148.64	1,398.92	-8,427.80	9,308.51	9,126.73	181.78	51.208		
4,800.00	4,701.13	4,727.13	4,727.13	23.78	163.31	-148.71	1,398.92	-8,427.80	9,327.09	9,141.43	185.65	50.240		
4,900.00	4,798.77	4,824.77	4,824.77	24.28	166.72	-148.77	1,398.92	-8,427.80	9,345.68	9,156.15	189.53	49.310		
5,000.00	4,896.40	4,922.40	4,922.40	24.79	170.13	-148.84	1,398.92	-8,427.80	9,364.28	9,170.88	193.40	48.419		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,020.04	5,020.04	25.30	173.54	-148.91	1,398.92	-8,427.80	9,382.89	9,185.62	197.28	47.562		
5,200.00	5,091.68	5,117.68	5,117.68	25.80	176.94	-148.98	1,398.92	-8,427.80	9,401.52	9,200.37	201.15	46.738		
5,300.00	5,189.32	5,215.32	5,215.32	26.31	180.35	-149.04	1,398.92	-8,427.80	9,420.16	9,215.13	205.03	45.946		
5,400.00	5,286.95	5,312.95	5,312.95	26.81	183.76	-149.11	1,398.92	-8,427.80	9,438.82	9,229.91	208.90	45.183		
5,500.00	5,384.59	5,410.59	5,410.59	27.32	187.17	-149.18	1,398.92	-8,427.80	9,457.48	9,244.70	212.78	44.447		
5,600.00	5,482.23	5,508.23	5,508.23	27.82	190.58	-149.24	1,398.92	-8,427.80	9,476.16	9,259.51	216.66	43.738		
5,700.00	5,579.87	5,605.87	5,605.87	28.33	193.98	-149.31	1,398.92	-8,427.80	9,494.85	9,274.32	220.53	43.054		
5,800.00	5,677.50	5,703.50	5,703.50	28.84	197.39	-149.38	1,398.92	-8,427.80	9,513.56	9,289.15	224.41	42.394		
5,900.00	5,775.14	5,801.14	5,801.14	29.34	200.80	-149.44	1,398.92	-8,427.80	9,532.27	9,303.99	228.28	41.756		
6,000.00	5,872.78	5,901.22	5,901.22	29.85	204.29	-149.51	1,398.92	-8,427.80	9,551.00	9,318.76	232.25	41.124		
6,100.00	5,970.41	6,003.59	6,003.59	30.36	207.87	-149.57	1,398.92	-8,427.80	9,569.74	9,333.45	236.29	40.500		
6,200.00	6,068.05	6,105.95	6,094.05	30.86	211.44	-149.64	1,398.92	-8,427.80	9,588.49	9,348.16	240.33	39.897		
6,300.00	6,165.69	6,208.31	6,191.69	31.37	215.01	-149.70	1,398.92	-8,427.80	9,607.26	9,362.89	244.37	39.314		
6,400.00	6,263.33	6,289.33	6,289.33	31.88	217.84	-149.77	1,398.92	-8,427.80	9,626.03	9,378.37	247.67	38.867		
6,500.00	6,360.96	6,386.96	6,386.96	32.38	221.25	-149.83	1,398.92	-8,427.80	9,644.82	9,393.28	251.54	38.342		
6,600.00	6,458.60	6,484.60	6,484.60	32.89	224.66	-149.90	1,398.92	-8,427.80	9,663.62	9,408.20	255.42	37.834		
6,628.42	6,486.35	6,512.35	6,512.35	33.04	225.62	-149.91	1,398.92	-8,427.80	9,668.97	9,412.45	256.52	37.692		
6,650.00	6,507.49	6,533.49	6,533.49	33.14	226.36	-145.64	1,398.92	-8,427.80	9,672.67	9,415.31	257.36	37.584		
6,700.00	6,556.88	6,582.88	6,582.88	33.37	228.09	-128.00	1,398.92	-8,427.80	9,678.47	9,419.17	259.31	37.324		
6,750.00	6,606.60	6,632.60	6,632.60	33.58	229.82	-89.44	1,398.92	-8,427.80	9,680.38	9,419.13	261.25	37.054		
6,800.00	6,656.35	6,682.35	6,682.35	33.76	231.56	-47.14	1,398.92	-8,427.80	9,678.38	9,415.21	263.17	36.776		
6,850.00	6,705.83	6,731.83	6,731.83	33.94	233.29	-26.58	1,398.92	-8,427.80	9,672.49	9,407.42	265.07	36.491		
6,900.00	6,754.72	6,780.72	6,780.72	34.12	234.99	-17.03	1,398.92	-8,427.80	9,662.73	9,395.81	266.92	36.201		
6,950.00	6,802.72	6,828.72	6,828.72	34.31	236.67	-11.79	1,398.92	-8,427.80	9,649.17	9,380.45	268.73	35.907		
7,000.00	6,849.54	6,875.54	6,875.54	34.50	238.30	-8.48	1,398.92	-8,427.80	9,631.90	9,361.43	270.47	35.611		
7,050.00	6,894.89	6,920.89	6,920.89	34.71	239.89	-6.18	1,398.92	-8,427.80	9,611.01	9,338.86	272.15	35.315		
7,100.00	6,938.49	6,964.49	6,964.49	34.93	241.41	-4.45	1,398.92	-8,427.80	9,586.64	9,312.89	273.75	35.019		
7,150.00	6,980.07	7,006.07	7,006.07	35.17	242.86	-3.04	1,398.92	-8,427.80	9,558.94	9,283.67	275.27	34.726		
7,200.00	7,019.38	7,045.38	7,045.38	35.43	244.23	-1.82	1,398.92	-8,427.80	9,528.07	9,251.38	276.69	34.436		
7,250.00	7,056.17	7,082.17	7,082.17	35.71	245.52	-0.70	1,398.92	-8,427.80	9,494.24	9,216.22	278.01	34.150		
7,300.00	7,090.21	7,116.21	7,116.21	36.03	246.70	0.42	1,398.92	-8,427.80	9,457.63	9,178.41	279.23	33.871		
7,350.00	7,121.30	7,147.30	7,147.30	36.37	247.79	1.60	1,398.92	-8,427.80	9,418.49	9,138.17	280.33	33.598		
7,400.00	7,149.25	7,175.25	7,175.25	36.75	248.76	2.94	1,398.92	-8,427.80	9,377.06	9,095.75	281.31	33.334		
7,450.00	7,173.87	7,200.13	7,199.87	37.17	249.63	4.58	1,398.92	-8,427.80	9,333.58	9,051.40	282.18	33.077		
7,500.00	7,195.03	7,221.03	7,221.03	37.62	250.36	6.72	1,398.92	-8,427.80	9,288.33	9,005.43	282.90	32.832		
7,550.00	7,212.58	7,238.58	7,238.58	38.11	250.98	9.77	1,398.92	-8,427.80	9,241.58	8,958.08	283.51	32.597		
7,600.00	7,226.43	7,252.43	7,252.43	38.64	251.46	14.58	1,398.92	-8,427.80	9,193.63	8,909.65	283.98	32.374		
7,650.00	7,236.48	7,262.48	7,262.48	39.20	251.81	23.31	1,398.92	-8,427.80	9,144.78	8,860.45	284.33	32.163		
7,700.00	7,242.68	7,268.68	7,268.68	39.79	252.03	42.45	1,398.92	-8,427.80	9,095.31	8,810.77	284.54	31.965		
7,753.32	7,245.00	7,271.00	7,271.00	40.44	252.11	88.82	1,398.92	-8,427.80	9,042.23	8,757.60	284.63	31.769		
7,800.00	7,245.08	7,271.08	7,271.08	41.04	252.11	88.83	1,398.92	-8,427.80	8,995.73	8,711.09	284.64	31.604		
7,900.00	7,245.26	7,271.26	7,271.26	42.43	252.12	88.84	1,398.92	-8,427.80	8,896.10	8,611.44	284.67	31.251		
8,000.00	7,245.43	7,271.43	7,271.43	43.97	252.12	88.85	1,398.92	-8,427.80	8,796.49	8,511.79	284.70	30.898		
8,100.00	7,245.61	7,271.61	7,271.61	45.64	252.13	88.87	1,398.92	-8,427.80	8,696.88	8,412.15	284.73	30.544		
8,200.00	7,245.79	7,271.79	7,271.79	47.42	252.13	88.88	1,398.92	-8,427.80	8,597.28	8,312.52	284.77	30.191		
8,300.00	7,245.97	7,271.97	7,271.97	49.30	252.14	88.89	1,398.92	-8,427.80	8,497.69	8,212.89	284.81	29.837		
8,400.00	7,246.14	7,272.14	7,272.14	51.28	252.15	88.90	1,398.92	-8,427.80	8,398.12	8,113.26	284.86	29.482		
8,500.00	7,246.32	7,272.32	7,272.32	53.34	252.15	88.92	1,398.92	-8,427.80	8,298.55	8,013.64	284.91	29.127		
8,600.00	7,246.50	7,272.50	7,272.50	55.46	252.16	88.93	1,398.92	-8,427.80	8,198.99	7,914.03	284.96	28.772		
8,700.00	7,246.67	7,272.67	7,272.67	57.66	252.17	88.94	1,398.92	-8,427.80	8,099.44	7,814.42	285.02	28.417		
8,800.00	7,246.85	7,272.85	7,272.85	59.90	252.17	88.96	1,398.92	-8,427.80	7,999.91	7,714.82	285.09	28.061		
8,900.00	7,247.03	7,273.03	7,273.03	62.20	252.18	88.97	1,398.92	-8,427.80	7,900.39	7,615.22	285.16	27.705		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,273.21	7,273.21	64.55	252.18	88.98	1,398.92	-8,427.80	7,800.87	7,515.63	285.24	27.348		
9,100.00	7,247.38	7,273.38	7,273.38	66.93	252.19	89.00	1,398.92	-8,427.80	7,701.38	7,416.05	285.33	26.991		
9,200.00	7,247.56	7,273.56	7,273.56	69.35	252.20	89.01	1,398.92	-8,427.80	7,601.89	7,316.47	285.42	26.634		
9,300.00	7,247.74	7,273.74	7,273.74	71.80	252.20	89.02	1,398.92	-8,427.80	7,502.42	7,216.90	285.52	26.276		
9,400.00	7,247.91	7,273.91	7,273.91	74.29	252.21	89.04	1,398.92	-8,427.80	7,402.96	7,117.33	285.63	25.918		
9,500.00	7,248.09	7,274.09	7,274.09	76.79	252.21	89.05	1,398.92	-8,427.80	7,303.52	7,017.78	285.74	25.560		
9,600.00	7,248.27	7,274.27	7,274.27	79.33	252.22	89.06	1,398.92	-8,427.80	7,204.09	6,918.23	285.86	25.201		
9,700.00	7,248.45	7,274.45	7,274.45	81.88	252.23	89.08	1,398.92	-8,427.80	7,104.68	6,818.69	285.99	24.842		
9,800.00	7,248.62	7,274.62	7,274.62	84.45	252.23	89.09	1,398.92	-8,427.80	7,005.28	6,719.15	286.13	24.483		
9,900.00	7,248.80	7,274.80	7,274.80	87.04	252.24	89.10	1,398.92	-8,427.80	6,905.91	6,619.63	286.28	24.123		
10,000.00	7,248.98	7,274.98	7,274.98	89.65	252.25	89.11	1,398.92	-8,427.80	6,806.55	6,520.11	286.44	23.763		
10,100.00	7,249.15	7,275.15	7,275.15	92.28	252.25	89.13	1,398.92	-8,427.80	6,707.21	6,420.60	286.61	23.402		
10,200.00	7,249.33	7,275.33	7,275.33	94.91	252.26	89.14	1,398.92	-8,427.80	6,607.89	6,321.10	286.79	23.041		
10,300.00	7,249.51	7,275.51	7,275.51	97.56	252.26	89.15	1,398.92	-8,427.80	6,508.59	6,221.61	286.98	22.679		
10,400.00	7,249.69	7,275.69	7,275.69	100.22	252.27	89.17	1,398.92	-8,427.80	6,409.31	6,122.13	287.19	22.318		
10,500.00	7,249.86	7,275.86	7,275.86	102.89	252.28	89.18	1,398.92	-8,427.80	6,310.06	6,022.65	287.40	21.955		
10,600.00	7,250.04	7,276.04	7,276.04	105.57	252.28	89.19	1,398.92	-8,427.80	6,210.83	5,923.19	287.64	21.593		
10,700.00	7,250.22	7,276.22	7,276.22	108.27	252.29	89.21	1,398.92	-8,427.80	6,111.62	5,823.74	287.88	21.230		
10,800.00	7,250.39	7,276.39	7,276.39	110.96	252.30	89.22	1,398.92	-8,427.80	6,012.44	5,724.30	288.15	20.866		
10,900.00	7,250.57	7,276.57	7,276.57	113.67	252.30	89.23	1,398.92	-8,427.80	5,913.29	5,624.87	288.42	20.502		
11,000.00	7,250.75	7,276.75	7,276.75	116.39	252.31	89.25	1,398.92	-8,427.80	5,814.17	5,525.45	288.72	20.138		
11,100.00	7,250.93	7,276.93	7,276.93	119.11	252.31	89.26	1,398.92	-8,427.80	5,715.08	5,426.04	289.03	19.773		
11,200.00	7,251.10	7,277.10	7,277.10	121.83	252.32	89.27	1,398.92	-8,427.80	5,616.02	5,326.65	289.37	19.408		
11,300.00	7,251.28	7,277.28	7,277.28	124.57	252.33	89.28	1,398.92	-8,427.80	5,516.99	5,227.27	289.73	19.042		
11,400.00	7,251.46	7,277.46	7,277.46	127.31	252.33	89.30	1,398.92	-8,427.80	5,418.00	5,127.90	290.10	18.676		
11,500.00	7,251.63	7,277.63	7,277.63	130.05	252.34	89.31	1,398.92	-8,427.80	5,319.05	5,028.54	290.51	18.310		
11,600.00	7,251.81	7,277.81	7,277.81	132.80	252.34	89.32	1,398.92	-8,427.80	5,220.14	4,929.20	290.93	17.943		
11,700.00	7,251.99	7,277.99	7,277.99	135.55	252.35	89.34	1,398.92	-8,427.80	5,121.27	4,829.88	291.39	17.575		
11,800.00	7,252.17	7,278.17	7,278.17	138.31	252.36	89.35	1,398.92	-8,427.80	5,022.44	4,730.57	291.87	17.208		
11,900.00	7,252.34	7,278.34	7,278.34	141.07	252.36	89.36	1,398.92	-8,427.80	4,923.66	4,631.28	292.38	16.840		
12,000.00	7,252.52	7,278.52	7,278.52	143.84	252.37	89.38	1,398.92	-8,427.80	4,824.94	4,532.01	292.93	16.471		
12,100.00	7,252.70	7,278.70	7,278.70	146.61	252.38	89.39	1,398.92	-8,427.80	4,726.26	4,432.75	293.51	16.102		
12,200.00	7,252.87	7,278.87	7,278.87	149.38	252.38	89.40	1,398.92	-8,427.80	4,627.65	4,333.51	294.13	15.733		
12,300.00	7,253.05	7,279.05	7,279.05	152.16	252.39	89.42	1,398.92	-8,427.80	4,529.09	4,234.30	294.79	15.364		
12,400.00	7,253.23	7,279.23	7,279.23	154.94	252.39	89.43	1,398.92	-8,427.80	4,430.60	4,135.10	295.49	14.994		
12,500.00	7,253.41	7,279.41	7,279.41	157.72	252.40	89.44	1,398.92	-8,427.80	4,332.17	4,035.93	296.24	14.624		
12,600.00	7,253.58	7,279.58	7,279.58	160.51	252.41	89.45	1,398.92	-8,427.80	4,233.83	3,936.78	297.04	14.253		
12,700.00	7,253.76	7,279.76	7,279.76	163.29	252.41	89.47	1,398.92	-8,427.80	4,135.56	3,837.66	297.89	13.883		
12,800.00	7,253.94	7,279.94	7,279.94	166.08	252.42	89.48	1,398.92	-8,427.80	4,037.37	3,738.57	298.80	13.512		
12,900.00	7,254.11	7,280.11	7,280.11	168.88	252.43	89.49	1,398.92	-8,427.80	3,939.28	3,639.50	299.77	13.141		
13,000.00	7,254.29	7,280.29	7,280.29	171.67	252.43	89.51	1,398.92	-8,427.80	3,841.28	3,540.47	300.81	12.770		
13,100.00	7,254.47	7,280.47	7,280.47	174.47	252.44	89.52	1,398.92	-8,427.80	3,743.39	3,441.47	301.92	12.399		
13,200.00	7,254.65	7,280.65	7,280.65	177.27	252.44	89.53	1,398.92	-8,427.80	3,645.62	3,342.51	303.11	12.027		
13,300.00	7,254.82	7,280.82	7,280.82	180.07	252.45	89.55	1,398.92	-8,427.80	3,547.97	3,243.59	304.38	11.656		
13,400.00	7,255.00	7,281.00	7,281.00	182.87	252.46	89.56	1,398.92	-8,427.80	3,450.45	3,144.71	305.74	11.286		
13,500.00	7,255.18	7,281.18	7,281.18	185.67	252.46	89.57	1,398.92	-8,427.80	3,353.08	3,045.88	307.20	10.915		
13,600.00	7,255.35	7,281.35	7,281.35	188.48	252.47	89.59	1,398.92	-8,427.80	3,255.87	2,947.10	308.77	10.545		
13,700.00	7,255.53	7,281.53	7,281.53	191.29	252.47	89.60	1,398.92	-8,427.80	3,158.84	2,848.38	310.46	10.175		
13,800.00	7,255.71	7,281.71	7,281.71	194.10	252.48	89.61	1,398.92	-8,427.80	3,061.99	2,749.72	312.27	9.806		
13,900.00	7,255.89	7,281.89	7,281.89	196.91	252.49	89.63	1,398.92	-8,427.80	2,965.36	2,651.14	314.22	9.437		
14,000.00	7,256.06	7,282.06	7,282.06	199.72	252.49	89.64	1,398.92	-8,427.80	2,868.95	2,552.62	316.33	9.070		
14,100.00	7,256.24	7,282.24	7,282.24	202.53	252.50	89.65	1,398.92	-8,427.80	2,772.80	2,454.20	318.60	8.703		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	7,282.42	7,282.42	205.35	252.51	89.66	1,398.92	-8,427.80	2,676.93	2,355.87	321.06	8.338		
14,300.00	7,256.59	7,282.59	7,282.59	208.16	252.51	89.68	1,398.92	-8,427.80	2,581.38	2,257.65	323.73	7.974		
14,400.00	7,256.77	7,282.77	7,282.77	210.98	252.52	89.69	1,398.92	-8,427.80	2,486.17	2,159.56	326.62	7.612		
14,500.00	7,256.95	7,282.95	7,282.95	213.80	252.52	89.70	1,398.92	-8,427.80	2,391.36	2,061.60	329.76	7.252		
14,600.00	7,257.13	7,283.13	7,283.13	216.62	252.53	89.72	1,398.92	-8,427.80	2,296.99	1,963.81	333.17	6.894		
14,700.00	7,257.30	7,283.30	7,283.30	219.44	252.54	89.73	1,398.92	-8,427.80	2,203.11	1,866.21	336.90	6.539		
14,800.00	7,257.48	7,283.48	7,283.48	222.26	252.54	89.74	1,398.92	-8,427.80	2,109.80	1,768.83	340.97	6.188		
14,900.00	7,257.66	7,283.66	7,283.66	225.08	252.55	89.76	1,398.92	-8,427.80	2,017.12	1,671.70	345.42	5.840		
15,000.00	7,257.83	7,283.83	7,283.83	227.91	252.55	89.77	1,398.92	-8,427.80	1,925.18	1,574.87	350.31	5.496		
15,100.00	7,258.01	7,284.01	7,284.01	230.73	252.56	89.78	1,398.92	-8,427.80	1,834.08	1,478.40	355.68	5.157		
15,200.00	7,258.19	7,284.19	7,284.19	233.56	252.57	89.80	1,398.92	-8,427.80	1,743.96	1,382.37	361.59	4.823		
15,300.00	7,258.37	7,284.37	7,284.37	236.38	252.57	89.81	1,398.92	-8,427.80	1,654.98	1,286.86	368.12	4.496		
15,400.00	7,258.54	7,284.54	7,284.54	239.21	252.58	89.82	1,398.92	-8,427.80	1,567.32	1,191.99	375.33	4.176		
15,500.00	7,258.72	7,284.72	7,284.72	242.04	252.59	89.83	1,398.92	-8,427.80	1,481.23	1,097.93	383.30	3.864		
15,600.00	7,258.90	7,284.90	7,284.90	244.87	252.59	89.85	1,398.92	-8,427.80	1,396.99	1,004.86	392.13	3.563		
15,700.00	7,259.08	7,285.08	7,285.08	247.70	252.60	89.86	1,398.92	-8,427.80	1,314.96	913.07	401.89	3.272		
15,800.00	7,259.25	7,285.25	7,285.25	250.53	252.60	89.87	1,398.92	-8,427.80	1,235.58	822.92	412.66	2.994		
15,900.00	7,259.43	7,285.43	7,285.43	253.36	252.61	89.89	1,398.92	-8,427.80	1,159.40	734.89	424.50	2.731		
16,000.00	7,259.61	7,285.61	7,285.61	256.19	252.62	89.90	1,398.92	-8,427.80	1,087.08	649.67	437.41	2.485		
16,100.00	7,259.78	7,285.78	7,285.78	259.02	252.62	89.91	1,398.92	-8,427.80	1,019.45	568.14	451.31	2.259		
16,200.00	7,259.96	7,285.96	7,285.96	261.85	252.63	89.93	1,398.92	-8,427.80	957.51	491.53	465.99	2.055		
16,300.00	7,260.14	7,286.14	7,286.14	264.68	252.64	89.94	1,398.92	-8,427.80	902.43	421.41	481.02	1.876		
16,400.00	7,260.32	7,286.32	7,286.32	267.52	252.64	89.95	1,398.92	-8,427.80	855.52	359.79	495.73	1.726		
16,500.00	7,260.49	7,286.49	7,286.49	270.35	252.65	89.97	1,398.92	-8,427.80	818.20	309.01	509.19	1.607		
16,600.00	7,260.67	7,286.67	7,286.67	273.19	252.65	89.98	1,398.92	-8,427.80	791.83	271.56	520.27	1.522		
16,700.00	7,260.85	7,286.85	7,286.85	276.02	252.66	89.99	1,398.92	-8,427.80	777.52	249.66	527.86	1.473	Level 3	
16,762.29	7,260.96	7,286.96	7,286.96	277.79	252.66	90.00	1,398.92	-8,427.80	775.02	244.57	530.45	1.461	Level 3, CC, ES	
16,800.00	7,261.02	7,287.02	7,287.02	278.86	252.67	90.00	1,398.92	-8,427.80	775.94	244.77	531.17	1.461	Level 3, SF	
16,900.00	7,261.20	7,287.20	7,287.20	281.69	252.67	90.02	1,398.92	-8,427.80	787.16	257.17	529.99	1.485	Level 3	
17,000.00	7,261.38	7,287.38	7,287.38	284.53	252.68	90.03	1,398.92	-8,427.80	810.66	285.92	524.74	1.545		
17,100.00	7,261.56	7,287.56	7,287.56	287.37	252.68	90.04	1,398.92	-8,427.80	845.40	329.10	516.30	1.637		
17,200.00	7,261.73	7,287.73	7,287.73	290.21	252.69	90.06	1,398.92	-8,427.80	890.08	384.34	505.74	1.760		
17,300.00	7,261.91	7,287.91	7,287.91	293.04	252.70	90.07	1,398.92	-8,427.80	943.29	449.23	494.05	1.909		
17,400.00	7,262.09	7,288.09	7,288.09	295.88	252.70	90.08	1,398.92	-8,427.80	1,003.66	521.64	482.02	2.082		
17,500.00	7,262.26	7,288.26	7,288.26	298.72	252.71	90.10	1,398.92	-8,427.80	1,069.99	599.80	470.19	2.276		
17,600.00	7,262.44	7,288.44	7,288.44	301.56	252.72	90.11	1,398.92	-8,427.80	1,141.23	682.33	458.90	2.487		
17,700.00	7,262.62	7,288.62	7,288.62	304.40	252.72	90.12	1,398.92	-8,427.80	1,216.53	768.21	448.33	2.713		
17,800.00	7,262.80	7,288.80	7,288.80	307.24	252.73	90.14	1,398.92	-8,427.80	1,295.18	856.63	438.55	2.953		
17,900.00	7,262.97	7,288.97	7,288.97	310.08	252.73	90.15	1,398.92	-8,427.80	1,376.60	947.03	429.57	3.205		
18,000.00	7,263.15	7,289.15	7,289.15	312.92	252.74	90.16	1,398.92	-8,427.80	1,460.33	1,038.97	421.37	3.466		
18,100.00	7,263.33	7,289.33	7,289.33	315.76	252.75	90.18	1,398.92	-8,427.80	1,546.00	1,132.11	413.89	3.735		
18,200.00	7,263.50	7,289.50	7,289.50	318.61	252.75	90.19	1,398.92	-8,427.80	1,633.30	1,226.23	407.07	4.012		
18,300.00	7,263.68	7,289.68	7,289.68	321.45	252.76	90.20	1,398.92	-8,427.80	1,721.98	1,321.12	400.85	4.296		
18,400.00	7,263.86	7,289.86	7,289.86	324.29	252.77	90.21	1,398.92	-8,427.80	1,811.83	1,416.65	395.18	4.585		
18,500.00	7,264.04	7,309.96	7,290.04	327.13	253.47	90.23	1,398.92	-8,427.80	1,902.70	1,512.01	390.69	4.870		
18,600.00	7,264.21	7,309.79	7,290.21	329.97	253.46	90.24	1,398.92	-8,427.80	1,994.45	1,608.51	385.94	5.168		
18,700.00	7,264.39	7,309.61	7,290.39	332.82	253.45	90.25	1,398.92	-8,427.80	2,086.95	1,705.37	381.58	5.469		
18,800.00	7,264.57	7,309.43	7,290.57	335.66	253.45	90.27	1,398.92	-8,427.80	2,180.11	1,802.55	377.57	5.774		
18,900.00	7,264.74	7,309.26	7,290.74	338.51	253.44	90.28	1,398.92	-8,427.80	2,273.86	1,899.98	373.88	6.082		
19,000.00	7,264.92	7,309.08	7,290.92	341.35	253.44	90.29	1,398.92	-8,427.80	2,368.12	1,997.65	370.47	6.392		
19,044.52	7,265.00	7,309.00	7,291.00	342.62	253.43	90.30	1,398.92	-8,427.80	2,410.23	2,041.19	369.04	6.531		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	-167.58	-2,816.07	-619.95	2,883.52					
100.00	100.00	83.11	83.11	3.28	3.28	-167.58	-2,816.19	-619.96	2,883.63	2,877.06	6.57	438.937		
200.00	200.00	188.23	188.23	3.34	3.33	-167.59	-2,816.45	-619.87	2,883.86	2,877.19	6.67	432.357		
300.00	299.98	282.03	282.03	3.44	3.43	126.85	-2,816.65	-619.71	2,885.08	2,878.21	6.87	419.889		
400.00	399.84	381.28	381.27	3.60	3.57	126.88	-2,816.99	-619.79	2,888.57	2,881.39	7.18	402.548		
500.00	499.45	483.65	483.65	3.81	3.77	126.94	-2,817.25	-619.98	2,894.11	2,886.53	7.58	381.955		
600.00	598.70	581.85	581.85	4.06	3.99	127.01	-2,817.47	-620.06	2,901.71	2,893.66	8.05	360.474		
700.00	697.47	692.56	692.56	4.34	4.28	127.12	-2,817.61	-619.99	2,911.32	2,902.70	8.62	337.608		
800.00	795.62	782.99	782.99	4.66	4.54	127.21	-2,817.58	-619.95	2,922.95	2,913.75	9.20	317.623		
824.00	819.08	804.51	804.51	4.75	4.60	127.23	-2,817.61	-620.00	2,926.12	2,916.77	9.35	312.948		
900.00	893.28	876.65	876.65	5.02	4.83	127.48	-2,817.73	-620.17	2,936.40	2,926.56	9.84	298.438		
1,000.00	990.92	990.74	990.74	5.40	5.19	127.86	-2,817.78	-620.21	2,949.86	2,939.29	10.58	278.836		
1,100.00	1,088.56	1,078.85	1,078.85	5.80	5.49	128.15	-2,817.63	-620.13	2,963.19	2,951.92	11.27	263.031		
1,200.00	1,186.19	1,173.49	1,173.48	6.21	5.82	128.47	-2,817.72	-620.21	2,976.89	2,964.89	12.00	248.064		
1,300.00	1,283.83	1,269.02	1,269.01	6.64	6.16	128.78	-2,817.86	-620.24	2,990.73	2,977.97	12.76	234.378		
1,400.00	1,381.47	1,368.13	1,368.12	7.08	6.53	129.10	-2,818.07	-620.21	3,004.70	2,991.15	13.55	221.730		
1,500.00	1,479.10	1,466.54	1,466.54	7.53	6.89	129.41	-2,818.22	-620.10	3,018.69	3,004.33	14.35	210.298		
1,600.00	1,576.74	1,565.77	1,565.76	7.99	7.27	129.73	-2,818.36	-619.99	3,032.75	3,017.58	15.17	199.878		
1,700.00	1,674.38	1,662.48	1,662.47	8.45	7.64	130.03	-2,818.48	-619.76	3,046.86	3,030.87	15.99	190.527		
1,800.00	1,772.02	1,760.26	1,760.26	8.92	8.02	130.33	-2,818.57	-619.87	3,061.11	3,044.29	16.82	181.954		
1,900.00	1,869.65	1,865.67	1,865.67	9.39	8.43	130.66	-2,818.61	-619.70	3,075.34	3,057.64	17.69	173.805		
2,000.00	1,967.29	1,956.04	1,956.03	9.87	8.79	130.94	-2,818.46	-619.75	3,089.51	3,071.00	18.51	166.929		
2,100.00	2,064.93	2,046.01	2,046.01	10.35	9.15	131.22	-2,818.63	-620.04	3,104.17	3,084.85	19.33	160.623		
2,200.00	2,162.56	2,150.83	2,150.82	10.83	9.57	131.54	-2,818.76	-620.47	3,118.90	3,098.68	20.21	154.304		
2,300.00	2,260.20	2,254.89	2,254.88	11.32	9.98	131.86	-2,818.58	-620.81	3,133.40	3,112.30	21.10	148.503		
2,400.00	2,357.84	2,358.82	2,358.81	11.80	10.40	132.17	-2,818.33	-620.97	3,147.87	3,125.88	21.99	143.150		
2,500.00	2,455.48	2,460.14	2,460.14	12.29	10.81	132.46	-2,817.96	-620.77	3,162.19	3,139.32	22.87	138.257		
2,600.00	2,553.11	2,558.40	2,558.39	12.78	11.21	132.75	-2,817.58	-620.54	3,176.58	3,152.83	23.74	133.789		
2,700.00	2,650.75	2,653.44	2,653.43	13.27	11.60	133.02	-2,817.22	-620.33	3,191.04	3,166.43	24.60	129.703		
2,800.00	2,748.39	2,744.23	2,744.21	13.77	11.97	133.27	-2,817.09	-619.96	3,205.73	3,180.29	25.45	125.986		
2,900.00	2,846.02	2,839.64	2,839.63	14.26	12.36	133.54	-2,817.11	-619.75	3,220.71	3,194.40	26.31	122.411		
3,000.00	2,943.66	2,942.27	2,942.26	14.76	12.79	133.83	-2,816.87	-619.86	3,235.64	3,208.43	27.21	118.910		
3,100.00	3,041.30	3,036.81	3,036.80	15.25	13.18	134.10	-2,816.58	-620.02	3,250.60	3,222.53	28.08	115.782		
3,200.00	3,138.94	3,126.07	3,126.06	15.75	13.55	134.34	-2,816.59	-619.99	3,265.86	3,236.94	28.92	112.943		
3,300.00	3,236.57	3,218.20	3,218.19	16.25	13.93	134.60	-2,816.74	-620.15	3,281.39	3,251.62	29.77	110.219		
3,400.00	3,334.21	3,312.72	3,312.71	16.75	14.32	134.85	-2,817.08	-620.15	3,297.11	3,266.47	30.64	107.610		
3,500.00	3,431.85	3,409.16	3,409.14	17.25	14.73	135.11	-2,817.53	-620.06	3,312.97	3,281.45	31.52	105.116		
3,600.00	3,529.48	3,502.15	3,502.13	17.75	15.11	135.35	-2,818.03	-620.01	3,328.98	3,296.60	32.38	102.812		
3,700.00	3,627.12	3,594.24	3,594.22	18.25	15.50	135.59	-2,818.66	-620.02	3,345.19	3,311.96	33.24	100.645		
3,800.00	3,724.76	3,689.06	3,689.04	18.75	15.90	135.83	-2,819.41	-620.08	3,361.60	3,327.49	34.11	98.553		
3,900.00	3,822.40	3,789.37	3,789.34	19.25	16.32	136.09	-2,820.20	-620.16	3,378.07	3,343.06	35.01	96.490		
4,000.00	3,920.03	3,887.88	3,887.86	19.75	16.73	136.34	-2,820.95	-620.15	3,394.54	3,358.64	35.90	94.552		
4,100.00	4,017.67	3,979.08	3,979.05	20.25	17.11	136.56	-2,821.72	-620.11	3,411.14	3,374.38	36.76	92.804		
4,200.00	4,115.31	4,073.65	4,073.61	20.76	17.51	136.79	-2,822.67	-620.11	3,427.96	3,390.33	37.63	91.099		
4,300.00	4,212.94	4,171.25	4,171.21	21.26	17.92	137.03	-2,823.73	-620.00	3,444.88	3,406.36	38.52	89.437		
4,400.00	4,310.58	4,265.91	4,265.86	21.76	18.32	137.25	-2,824.86	-619.73	3,461.86	3,422.47	39.39	87.884		
4,500.00	4,408.22	4,368.23	4,368.17	22.27	18.75	137.49	-2,826.04	-619.60	3,478.94	3,438.64	40.30	86.316		
4,600.00	4,505.86	4,466.36	4,466.30	22.77	19.17	137.73	-2,826.90	-619.71	3,495.92	3,454.72	41.20	84.859		
4,700.00	4,603.49	4,564.18	4,564.12	23.28	19.58	137.97	-2,827.57	-620.34	3,512.99	3,470.91	42.09	83.469		
4,800.00	4,701.13	4,662.25	4,662.19	23.78	19.99	138.20	-2,828.27	-620.81	3,530.09	3,487.11	42.98	82.135		
4,900.00	4,798.77	4,764.71	4,764.63	24.28	20.43	138.44	-2,829.10	-620.97	3,547.20	3,503.31	43.89	80.812		
5,000.00	4,896.40	4,864.85	4,864.77	24.79	20.85	138.66	-2,830.01	-620.55	3,564.21	3,519.41	44.80	79.561		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	4,966.60	4,966.52	25.30	21.28	138.89	-2,830.91	-620.07	3,581.23	3,535.52	45.71	78.346		
5,200.00	5,091.68	5,070.76	5,070.67	25.80	21.72	139.12	-2,831.55	-619.73	3,598.13	3,551.49	46.64	77.155		
5,300.00	5,189.32	5,168.25	5,168.16	26.31	22.13	139.33	-2,832.00	-619.50	3,614.97	3,567.44	47.53	76.064		
5,400.00	5,286.95	5,266.39	5,266.31	26.81	22.55	139.55	-2,832.42	-619.41	3,631.89	3,583.47	48.42	75.009		
5,500.00	5,384.59	5,366.48	5,366.39	27.32	22.98	139.77	-2,832.76	-619.36	3,648.81	3,599.49	49.32	73.977		
5,600.00	5,482.23	5,460.70	5,460.61	27.82	23.37	139.98	-2,833.05	-619.34	3,665.77	3,615.57	50.20	73.028		
5,700.00	5,579.87	5,555.74	5,555.65	28.33	23.78	140.18	-2,833.44	-619.42	3,682.90	3,631.83	51.07	72.109		
5,800.00	5,677.50	5,651.94	5,651.85	28.84	24.19	140.39	-2,833.81	-619.59	3,700.11	3,648.15	51.96	71.213		
5,900.00	5,775.14	5,746.54	5,746.45	29.34	24.59	140.60	-2,834.15	-619.95	3,717.43	3,664.59	52.83	70.362		
6,000.00	5,872.78	5,844.24	5,844.15	29.85	25.00	140.81	-2,834.46	-620.52	3,734.86	3,681.13	53.72	69.519		
6,100.00	5,970.41	5,945.59	5,945.49	30.36	25.43	141.04	-2,834.57	-621.35	3,752.26	3,697.62	54.63	68.679		
6,200.00	6,068.05	6,042.10	6,041.99	30.86	25.84	141.26	-2,834.40	-622.52	3,769.65	3,714.13	55.52	67.899		
6,300.00	6,165.69	6,137.97	6,137.85	31.37	26.25	141.48	-2,834.23	-623.92	3,787.20	3,730.80	56.40	67.150		
6,400.00	6,263.33	6,240.20	6,240.07	31.88	26.68	141.71	-2,833.86	-625.55	3,804.71	3,747.40	57.31	66.384		
6,500.00	6,360.96	6,337.87	6,337.72	32.38	27.09	141.94	-2,833.40	-627.14	3,822.20	3,764.00	58.20	65.670		
6,600.00	6,458.60	6,432.17	6,432.01	32.89	27.49	142.15	-2,832.92	-628.87	3,839.81	3,780.74	59.07	64.999		
6,628.42	6,486.35	6,459.76	6,459.60	33.04	27.61	142.22	-2,832.78	-629.40	3,844.84	3,785.51	59.33	64.808		
6,650.00	6,507.49	6,480.78	6,480.61	33.14	27.70	146.87	-2,832.67	-629.81	3,848.49	3,788.98	59.52	64.663		
6,700.00	6,556.88	6,533.15	6,532.97	33.37	27.92	165.23	-2,832.38	-630.82	3,855.66	3,795.70	59.96	64.300		
6,750.00	6,606.60	6,588.05	6,587.86	33.58	28.16	-155.73	-2,832.04	-631.82	3,860.93	3,800.52	60.41	63.914		
6,800.00	6,656.35	6,641.16	6,640.96	33.76	28.38	-113.20	-2,831.67	-632.72	3,864.27	3,803.44	60.83	63.524		
6,850.00	6,705.83	6,693.51	6,693.30	33.94	28.60	-92.65	-2,831.32	-633.51	3,865.68	3,804.44	61.25	63.118		
6,900.00	6,754.72	6,752.80	6,752.59	34.12	28.85	-83.37	-2,830.86	-634.31	3,865.14	3,803.45	61.70	62.647		
6,950.00	6,802.72	6,813.03	6,812.81	34.31	29.11	-78.64	-2,830.24	-635.04	3,862.62	3,800.46	62.16	62.144		
7,000.00	6,849.54	6,875.29	6,875.06	34.50	29.37	-76.13	-2,829.37	-635.76	3,858.12	3,795.49	62.63	61.601		
7,050.00	6,894.89	6,929.07	6,928.83	34.71	29.60	-74.84	-2,828.41	-636.40	3,851.74	3,788.68	63.07	61.073		
7,100.00	6,938.49	6,976.61	6,976.35	34.93	29.80	-74.31	-2,827.40	-637.14	3,843.68	3,780.20	63.48	60.546		
7,150.00	6,980.07	7,025.54	7,025.26	35.17	30.01	-74.38	-2,826.21	-638.06	3,834.04	3,770.12	63.92	59.979		
7,200.00	7,019.38	7,075.43	7,075.12	35.43	30.22	-74.91	-2,824.80	-639.15	3,822.88	3,758.50	64.39	59.375		
7,250.00	7,056.17	7,118.01	7,117.66	35.71	30.40	-75.73	-2,823.44	-640.17	3,810.36	3,745.52	64.84	58.769		
7,300.00	7,090.21	7,153.01	7,152.64	36.03	30.56	-76.78	-2,822.31	-641.03	3,796.69	3,731.41	65.28	58.160		
7,350.00	7,121.30	7,185.12	7,184.72	36.37	30.70	-78.04	-2,821.26	-641.81	3,782.03	3,716.28	65.74	57.527		
7,400.00	7,149.25	7,214.14	7,213.71	36.75	30.82	-79.47	-2,820.32	-642.52	3,766.53	3,700.30	66.23	56.871		
7,450.00	7,173.87	7,239.88	7,239.43	37.17	30.94	-81.03	-2,819.48	-643.15	3,750.37	3,683.63	66.74	56.193		
7,500.00	7,195.03	7,262.19	7,261.72	37.62	31.03	-82.68	-2,818.76	-643.69	3,733.69	3,666.41	67.28	55.494		
7,550.00	7,212.58	7,280.92	7,280.44	38.11	31.12	-84.39	-2,818.15	-644.15	3,716.67	3,648.82	67.85	54.779		
7,600.00	7,226.43	7,295.97	7,295.48	38.64	31.18	-86.13	-2,817.66	-644.52	3,699.44	3,631.00	68.44	54.052		
7,650.00	7,236.48	7,307.24	7,306.74	39.20	31.23	-87.86	-2,817.29	-644.79	3,682.17	3,613.11	69.06	53.319		
7,700.00	7,242.68	7,314.66	7,314.15	39.79	31.26	-89.57	-2,817.05	-644.97	3,665.00	3,595.30	69.70	52.585		
7,753.32	7,245.00	7,318.29	7,317.77	40.44	31.28	-91.33	-2,816.93	-645.06	3,646.94	3,576.55	70.39	51.811		
7,800.00	7,245.08	7,319.51	7,318.99	41.04	31.29	-91.35	-2,816.89	-645.09	3,631.55	3,560.53	71.02	51.135		
7,900.00	7,245.26	7,322.13	7,321.61	42.43	31.30	-91.39	-2,816.81	-645.15	3,600.40	3,527.90	72.50	49.662		
8,000.00	7,245.43	7,324.75	7,324.23	43.97	31.31	-91.44	-2,816.72	-645.22	3,571.77	3,497.63	74.14	48.175		
8,100.00	7,245.61	7,327.37	7,326.85	45.64	31.32	-91.48	-2,816.64	-645.28	3,545.73	3,469.80	75.93	46.697		
8,200.00	7,245.79	7,329.99	7,329.46	47.42	31.33	-91.52	-2,816.55	-645.35	3,522.34	3,444.49	77.85	45.245		
8,300.00	7,245.97	7,332.61	7,332.08	49.30	31.34	-91.57	-2,816.47	-645.41	3,501.65	3,421.76	79.89	43.833		
8,400.00	7,246.14	7,335.23	7,334.70	51.28	31.36	-91.61	-2,816.38	-645.47	3,483.70	3,401.68	82.02	42.474		
8,500.00	7,246.32	7,337.85	7,337.32	53.34	31.37	-91.65	-2,816.30	-645.54	3,468.54	3,384.31	84.23	41.178		
8,600.00	7,246.50	7,340.47	7,339.94	55.46	31.38	-91.70	-2,816.21	-645.60	3,456.21	3,369.70	86.51	39.950		
8,700.00	7,246.67	7,343.09	7,342.55	57.66	31.39	-91.74	-2,816.13	-645.67	3,446.74	3,357.89	88.84	38.796		
8,800.00	7,246.85	7,345.71	7,345.17	59.90	31.40	-91.78	-2,816.04	-645.73	3,440.14	3,348.93	91.21	37.717		
8,900.00	7,247.03	7,348.33	7,347.79	62.20	31.41	-91.83	-2,815.96	-645.79	3,436.44	3,342.85	93.60	36.716		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,977.26	7,247.17	7,350.35	7,349.81	64.01	31.42	-91.86	-2,815.89	-645.84	3,435.57	3,340.12	95.45	35.994		
9,000.00	7,247.21	7,350.95	7,350.41	64.55	31.42	-91.87	-2,815.87	-645.86	3,435.65	3,339.66	95.99	35.792		
9,100.00	7,247.38	7,353.57	7,353.02	66.93	31.44	-91.92	-2,815.79	-645.92	3,437.76	3,339.38	98.38	34.943		
9,200.00	7,247.56	7,356.19	7,355.64	69.35	31.45	-91.96	-2,815.70	-645.99	3,442.78	3,342.02	100.76	34.169		
9,300.00	7,247.74	7,358.81	7,358.26	71.80	31.46	-92.00	-2,815.62	-646.05	3,450.69	3,347.58	103.11	33.466		
9,400.00	7,247.91	7,361.43	7,360.88	74.29	31.47	-92.05	-2,815.53	-646.11	3,461.47	3,356.04	105.43	32.833		
9,500.00	7,248.09	7,364.05	7,363.50	76.79	31.48	-92.09	-2,815.45	-646.18	3,475.09	3,367.39	107.70	32.267		
9,600.00	7,248.27	7,366.67	7,366.11	79.33	31.49	-92.13	-2,815.36	-646.24	3,491.52	3,381.60	109.92	31.764		
9,700.00	7,248.45	7,369.29	7,368.73	81.88	31.50	-92.18	-2,815.28	-646.31	3,510.72	3,398.64	112.08	31.322		
9,800.00	7,248.62	7,371.91	7,371.35	84.45	31.52	-92.22	-2,815.19	-646.37	3,532.65	3,418.46	114.19	30.938		
9,900.00	7,248.80	7,374.53	7,373.97	87.04	31.53	-92.27	-2,815.11	-646.43	3,557.25	3,441.03	116.22	30.608		
10,000.00	7,248.98	7,377.15	7,376.58	89.65	31.54	-92.31	-2,815.02	-646.50	3,584.47	3,466.29	118.18	30.330		
10,100.00	7,249.15	7,379.77	7,379.20	92.28	31.55	-92.35	-2,814.94	-646.56	3,614.26	3,494.19	120.07	30.101		
10,200.00	7,249.33	7,382.39	7,381.82	94.91	31.56	-92.40	-2,814.85	-646.62	3,646.54	3,524.65	121.88	29.918		
10,300.00	7,249.51	7,385.01	7,384.44	97.56	31.57	-92.44	-2,814.76	-646.69	3,681.25	3,557.63	123.62	29.779		
10,400.00	7,249.69	7,387.63	7,387.06	100.22	31.59	-92.48	-2,814.68	-646.75	3,718.33	3,593.05	125.28	29.681		
10,500.00	7,249.86	7,390.25	7,389.67	102.89	31.60	-92.53	-2,814.59	-646.82	3,757.70	3,630.85	126.86	29.622		
10,600.00	7,250.04	7,392.87	7,392.29	105.57	31.61	-92.57	-2,814.51	-646.88	3,799.30	3,670.94	128.36	29.599 SF		
10,700.00	7,250.22	7,395.49	7,394.91	108.27	31.62	-92.61	-2,814.42	-646.94	3,843.04	3,713.26	129.78	29.612		
10,800.00	7,250.39	7,398.11	7,397.53	110.96	31.63	-92.66	-2,814.34	-647.01	3,888.87	3,757.74	131.13	29.656		
10,900.00	7,250.57	7,400.73	7,400.14	113.67	31.64	-92.70	-2,814.25	-647.07	3,936.70	3,804.29	132.41	29.732		
11,000.00	7,250.75	7,403.35	7,402.76	116.39	31.65	-92.75	-2,814.17	-647.14	3,986.46	3,852.85	133.61	29.836		
11,100.00	7,250.93	7,405.97	7,405.38	119.11	31.67	-92.79	-2,814.08	-647.20	4,038.08	3,903.34	134.75	29.968		
11,200.00	7,251.10	7,408.59	7,408.00	121.83	31.68	-92.83	-2,814.00	-647.26	4,091.50	3,955.69	135.81	30.126		
11,300.00	7,251.28	7,411.21	7,410.61	124.57	31.69	-92.88	-2,813.91	-647.33	4,146.64	4,009.82	136.82	30.308		
11,400.00	7,251.46	7,413.83	7,413.23	127.31	31.70	-92.92	-2,813.83	-647.39	4,203.43	4,065.67	137.76	30.513		
11,500.00	7,251.63	7,416.45	7,415.85	130.05	31.71	-92.96	-2,813.74	-647.46	4,261.81	4,123.17	138.64	30.740		
11,600.00	7,251.81	7,419.07	7,418.47	132.80	31.72	-93.01	-2,813.66	-647.52	4,321.72	4,182.25	139.47	30.987		
11,700.00	7,251.99	7,421.69	7,421.09	135.55	31.74	-93.05	-2,813.57	-647.58	4,383.08	4,242.84	140.24	31.254		
11,800.00	7,252.17	7,424.31	7,423.70	138.31	31.75	-93.10	-2,813.49	-647.65	4,445.85	4,304.89	140.96	31.539		
11,900.00	7,252.34	7,426.93	7,426.32	141.07	31.76	-93.14	-2,813.40	-647.71	4,509.96	4,368.32	141.64	31.842		
12,000.00	7,252.52	7,429.55	7,428.94	143.84	31.77	-93.18	-2,813.32	-647.78	4,575.36	4,433.09	142.26	32.161		
12,100.00	7,252.70	7,432.17	7,431.56	146.61	31.78	-93.23	-2,813.23	-647.84	4,641.98	4,499.13	142.85	32.496		
12,200.00	7,252.87	7,434.78	7,434.17	149.38	31.79	-93.27	-2,813.15	-647.90	4,709.79	4,566.40	143.39	32.845		
12,300.00	7,253.05	7,437.40	7,436.79	152.16	31.80	-93.31	-2,813.06	-647.97	4,778.73	4,634.83	143.90	33.209		
12,400.00	7,253.23	7,440.02	7,439.41	154.94	31.82	-93.36	-2,812.98	-648.03	4,848.74	4,704.37	144.37	33.586		
12,500.00	7,253.41	7,442.64	7,442.03	157.72	31.83	-93.40	-2,812.89	-648.10	4,919.79	4,774.99	144.81	33.975		
12,600.00	7,253.58	7,445.26	7,444.65	160.51	31.84	-93.44	-2,812.81	-648.16	4,991.84	4,846.63	145.21	34.376		
12,700.00	7,253.76	7,447.88	7,447.26	163.29	31.85	-93.49	-2,812.72	-648.22	5,064.83	4,919.24	145.59	34.789		
12,800.00	7,253.94	7,450.50	7,449.88	166.08	31.86	-93.53	-2,812.64	-648.29	5,138.73	4,992.79	145.93	35.213		
12,900.00	7,254.11	7,453.12	7,452.50	168.88	31.87	-93.58	-2,812.55	-648.35	5,213.50	5,067.24	146.26	35.646		
13,000.00	7,254.29	7,455.74	7,455.12	171.67	31.89	-93.62	-2,812.47	-648.41	5,289.10	5,142.54	146.55	36.090		
13,100.00	7,254.47	7,458.36	7,457.73	174.47	31.90	-93.66	-2,812.38	-648.48	5,365.49	5,218.67	146.83	36.543		
13,200.00	7,254.65	7,460.98	7,460.35	177.27	31.91	-93.71	-2,812.30	-648.54	5,442.66	5,295.58	147.08	37.005		
13,300.00	7,254.82	7,463.60	7,462.97	180.07	31.92	-93.75	-2,812.21	-648.61	5,520.55	5,373.24	147.31	37.475		
13,400.00	7,255.00	7,466.22	7,465.59	182.87	31.93	-93.79	-2,812.12	-648.67	5,599.14	5,451.62	147.53	37.953		
13,500.00	7,255.18	7,468.84	7,468.21	185.67	31.94	-93.84	-2,812.04	-648.73	5,678.41	5,530.69	147.72	38.439		
13,600.00	7,255.35	7,471.46	7,470.82	188.48	31.95	-93.88	-2,811.95	-648.80	5,758.32	5,610.42	147.91	38.932		
13,700.00	7,255.53	7,474.08	7,473.44	191.29	31.97	-93.92	-2,811.87	-648.86	5,838.85	5,690.78	148.07	39.433		
13,800.00	7,255.71	7,476.70	7,476.06	194.10	31.98	-93.97	-2,811.78	-648.93	5,919.97	5,771.75	148.22	39.939		
13,900.00	7,255.89	7,479.32	7,478.68	196.91	31.99	-94.01	-2,811.70	-648.99	6,001.66	5,853.30	148.36	40.453		
14,000.00	7,256.06	7,481.94	7,481.29	199.72	32.00	-94.06	-2,811.61	-649.05	6,083.90	5,935.41	148.49	40.972		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,484.56	7,483.91	202.53	32.01	-94.10	-2,811.53	-649.12	6,166.66	6,018.05	148.60	41.497		
14,200.00	7,256.42	7,487.18	7,486.53	205.35	32.02	-94.14	-2,811.44	-649.18	6,249.92	6,101.21	148.71	42.028		
14,300.00	7,256.59	7,489.80	7,489.15	208.16	32.04	-94.19	-2,811.36	-649.25	6,333.67	6,184.86	148.80	42.564		
14,400.00	7,256.77	7,492.42	7,491.77	210.98	32.05	-94.23	-2,811.27	-649.31	6,417.88	6,268.99	148.89	43.105		
14,500.00	7,256.95	7,495.04	7,494.38	213.80	32.06	-94.27	-2,811.19	-649.37	6,502.53	6,353.57	148.97	43.650		
14,600.00	7,257.13	7,497.66	7,497.00	216.62	32.07	-94.32	-2,811.10	-649.44	6,587.62	6,438.58	149.04	44.201		
14,700.00	7,257.30	7,500.28	7,499.62	219.44	32.08	-94.36	-2,811.02	-649.50	6,673.12	6,524.02	149.10	44.756		
14,800.00	7,257.48	7,502.90	7,502.24	222.26	32.09	-94.40	-2,810.93	-649.57	6,759.01	6,609.86	149.16	45.315		
14,900.00	7,257.66	7,505.52	7,504.85	225.08	32.10	-94.45	-2,810.85	-649.63	6,845.29	6,696.08	149.21	45.878		
15,000.00	7,257.83	7,508.14	7,507.47	227.91	32.12	-94.49	-2,810.76	-649.69	6,931.94	6,782.69	149.25	46.445		
15,100.00	7,258.01	7,510.76	7,510.09	230.73	32.13	-94.53	-2,810.68	-649.76	7,018.93	6,869.65	149.29	47.016		
15,200.00	7,258.19	7,513.38	7,512.71	233.56	32.14	-94.58	-2,810.59	-649.82	7,106.27	6,956.95	149.32	47.590		
15,300.00	7,258.37	7,516.00	7,515.33	236.38	32.15	-94.62	-2,810.51	-649.89	7,193.94	7,044.59	149.35	48.168		
15,400.00	7,258.54	7,518.62	7,517.94	239.21	32.16	-94.67	-2,810.42	-649.95	7,281.93	7,132.55	149.38	48.749		
15,500.00	7,258.72	7,521.24	7,520.56	242.04	32.17	-94.71	-2,810.34	-650.01	7,370.22	7,220.82	149.40	49.333		
15,600.00	7,258.90	7,523.86	7,523.18	244.87	32.19	-94.75	-2,810.25	-650.08	7,458.81	7,309.39	149.41	49.920		
15,700.00	7,259.08	7,526.48	7,525.80	247.70	32.20	-94.80	-2,810.17	-650.14	7,547.68	7,398.25	149.43	50.510		
15,800.00	7,259.25	7,529.10	7,528.41	250.53	32.21	-94.84	-2,810.08	-650.21	7,636.82	7,487.38	149.44	51.103		
15,900.00	7,259.43	7,531.72	7,531.03	253.36	32.22	-94.88	-2,810.00	-650.27	7,726.23	7,576.79	149.45	51.699		
16,000.00	7,259.61	7,534.34	7,533.65	256.19	32.23	-94.93	-2,809.91	-650.33	7,815.90	7,666.45	149.45	52.297		
16,100.00	7,259.78	7,536.96	7,536.27	259.02	32.24	-94.97	-2,809.83	-650.40	7,905.81	7,756.35	149.46	52.897		
16,200.00	7,259.96	7,539.58	7,538.89	261.85	32.25	-95.01	-2,809.74	-650.46	7,995.96	7,846.50	149.46	53.500		
16,300.00	7,260.14	7,542.20	7,541.50	264.68	32.27	-95.06	-2,809.66	-650.52	8,086.34	7,936.89	149.46	54.105		
16,400.00	7,260.32	7,544.82	7,544.12	267.52	32.28	-95.10	-2,809.57	-650.59	8,176.95	8,027.49	149.45	54.712		
16,500.00	7,260.49	7,547.44	7,546.74	270.35	32.29	-95.14	-2,809.48	-650.65	8,267.77	8,118.32	149.45	55.321		
16,600.00	7,260.67	7,550.06	7,549.36	273.19	32.30	-95.19	-2,809.40	-650.72	8,358.80	8,209.35	149.44	55.932		
16,700.00	7,260.85	7,552.68	7,551.97	276.02	32.31	-95.23	-2,809.31	-650.78	8,450.03	8,300.59	149.44	56.545		
16,800.00	7,261.02	7,555.30	7,554.59	278.86	32.32	-95.28	-2,809.23	-650.84	8,541.46	8,392.03	149.43	57.160		
16,900.00	7,261.20	7,557.92	7,557.21	281.69	32.34	-95.32	-2,809.14	-650.91	8,633.07	8,483.65	149.42	57.777		
17,000.00	7,261.38	7,560.54	7,559.83	284.53	32.35	-95.36	-2,809.06	-650.97	8,724.87	8,575.46	149.41	58.395		
17,100.00	7,261.56	7,563.16	7,562.45	287.37	32.36	-95.41	-2,808.97	-651.04	8,816.85	8,667.45	149.40	59.015		
17,200.00	7,261.73	7,565.78	7,565.06	290.21	32.37	-95.45	-2,808.89	-651.10	8,909.00	8,759.61	149.39	59.636		
17,300.00	7,261.91	7,568.40	7,567.68	293.04	32.38	-95.49	-2,808.80	-651.16	9,001.32	8,851.94	149.38	60.259		
17,400.00	7,262.09	7,571.02	7,570.30	295.88	32.39	-95.54	-2,808.72	-651.23	9,093.80	8,944.43	149.36	60.883		
17,500.00	7,262.26	7,573.64	7,572.92	298.72	32.40	-95.58	-2,808.63	-651.29	9,186.43	9,037.08	149.35	61.509		
17,600.00	7,262.44	7,576.26	7,575.53	301.56	32.42	-95.62	-2,808.55	-651.36	9,279.22	9,129.88	149.34	62.135		
17,700.00	7,262.62	7,578.88	7,578.15	304.40	32.43	-95.67	-2,808.46	-651.42	9,372.15	9,222.83	149.33	62.763		
17,800.00	7,262.80	7,581.50	7,580.77	307.24	32.44	-95.71	-2,808.38	-651.48	9,465.23	9,315.92	149.31	63.392		
17,900.00	7,262.97	7,584.12	7,583.39	310.08	32.45	-95.75	-2,808.29	-651.55	9,558.45	9,409.15	149.30	64.023		
18,000.00	7,263.15	7,586.74	7,586.00	312.92	32.46	-95.80	-2,808.21	-651.61	9,651.80	9,502.51	149.28	64.654		
18,100.00	7,263.33	7,589.36	7,588.62	315.76	32.47	-95.84	-2,808.12	-651.68	9,745.28	9,596.01	149.27	65.286		
18,200.00	7,263.50	7,591.98	7,591.24	318.61	32.49	-95.88	-2,808.04	-651.74	9,838.89	9,689.64	149.26	65.919		
18,300.00	7,263.68	7,594.60	7,593.86	321.45	32.50	-95.93	-2,807.95	-651.80	9,932.63	9,783.38	149.24	66.554		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-155.76	-3,885.62	-1,749.50	4,261.50					
100.00	100.00	60.00	60.00	3.28	3.44	-155.76	-3,885.62	-1,749.50	4,261.31	4,254.59	6.73	633.383		
200.00	200.00	160.00	160.00	3.34	5.05	-155.76	-3,885.62	-1,749.50	4,261.31	4,252.93	8.39	508.070 CC		
300.00	299.98	259.98	259.98	3.44	8.03	138.68	-3,885.62	-1,749.50	4,262.63	4,251.15	11.47	371.483		
400.00	399.84	359.84	359.84	3.60	11.30	138.67	-3,885.62	-1,749.50	4,266.56	4,251.65	14.91	286.245		
500.00	499.45	459.45	459.45	3.81	14.67	138.66	-3,885.62	-1,749.50	4,273.11	4,254.64	18.47	231.302		
600.00	598.70	558.70	558.70	4.06	18.06	138.65	-3,885.62	-1,749.50	4,282.29	4,260.18	22.12	193.626		
700.00	697.47	657.47	657.47	4.34	21.46	138.63	-3,885.62	-1,749.50	4,294.10	4,268.30	25.80	166.425		
800.00	795.62	755.62	755.62	4.66	24.85	138.60	-3,885.62	-1,749.50	4,308.53	4,279.02	29.51	145.984		
824.00	819.08	779.08	779.08	4.75	25.66	138.59	-3,885.62	-1,749.50	4,312.38	4,281.97	30.41	141.810		
900.00	893.28	853.28	853.28	5.02	28.23	138.74	-3,885.62	-1,749.50	4,324.84	4,291.60	33.24	130.095		
1,000.00	990.92	950.92	950.92	5.40	31.62	138.92	-3,885.62	-1,749.50	4,341.28	4,304.28	37.00	117.342		
1,100.00	1,088.56	1,048.56	1,048.56	5.80	35.01	139.11	-3,885.62	-1,749.50	4,357.76	4,316.99	40.77	106.881		
1,200.00	1,186.19	1,146.19	1,146.19	6.21	38.41	139.29	-3,885.62	-1,749.50	4,374.28	4,329.72	44.57	98.155		
1,300.00	1,283.83	1,243.83	1,243.83	6.64	41.81	139.47	-3,885.62	-1,749.50	4,390.85	4,342.48	48.37	90.771		
1,400.00	1,381.47	1,341.47	1,341.47	7.08	45.20	139.65	-3,885.62	-1,749.50	4,407.46	4,355.27	52.19	84.448		
1,500.00	1,479.10	1,439.10	1,439.10	7.53	48.60	139.83	-3,885.62	-1,749.50	4,424.12	4,368.10	56.02	78.973		
1,600.00	1,576.74	1,536.74	1,536.74	7.99	52.01	140.01	-3,885.62	-1,749.50	4,440.81	4,380.96	59.86	74.191		
1,700.00	1,674.38	1,634.38	1,634.38	8.45	55.41	140.19	-3,885.62	-1,749.50	4,457.56	4,393.86	63.70	69.978		
1,800.00	1,772.02	1,732.02	1,732.02	8.92	58.81	140.36	-3,885.62	-1,749.50	4,474.34	4,406.79	67.55	66.239		
1,900.00	1,869.65	1,829.65	1,829.65	9.39	62.21	140.54	-3,885.62	-1,749.50	4,491.16	4,419.76	71.40	62.900		
2,000.00	1,967.29	1,927.29	1,927.29	9.87	65.62	140.71	-3,885.62	-1,749.50	4,508.02	4,432.77	75.26	59.900		
2,100.00	2,064.93	2,024.93	2,024.93	10.35	69.02	140.88	-3,885.62	-1,749.50	4,524.93	4,445.81	79.12	57.191		
2,200.00	2,162.56	2,122.56	2,122.56	10.83	72.43	141.05	-3,885.62	-1,749.50	4,541.87	4,458.89	82.98	54.733		
2,300.00	2,260.20	2,220.20	2,220.20	11.32	75.83	141.22	-3,885.62	-1,749.50	4,558.86	4,472.01	86.85	52.492		
2,400.00	2,357.84	2,317.84	2,317.84	11.80	79.24	141.39	-3,885.62	-1,749.50	4,575.88	4,485.16	90.72	50.442		
2,500.00	2,455.48	2,415.48	2,415.48	12.29	82.64	141.56	-3,885.62	-1,749.50	4,592.94	4,498.35	94.59	48.558		
2,600.00	2,553.11	2,513.11	2,513.11	12.78	86.05	141.72	-3,885.62	-1,749.50	4,610.04	4,511.58	98.46	46.822		
2,700.00	2,650.75	2,610.75	2,610.75	13.27	89.46	141.89	-3,885.62	-1,749.50	4,627.18	4,524.85	102.33	45.218		
2,800.00	2,748.39	2,708.39	2,708.39	13.77	92.86	142.05	-3,885.62	-1,749.50	4,644.35	4,538.15	106.21	43.730		
2,900.00	2,846.02	2,806.02	2,806.02	14.26	96.27	142.21	-3,885.62	-1,749.50	4,661.56	4,551.48	110.08	42.347		
3,000.00	2,943.66	2,903.66	2,903.66	14.76	99.68	142.37	-3,885.62	-1,749.50	4,678.81	4,564.85	113.96	41.058		
3,100.00	3,041.30	3,001.30	3,001.30	15.25	103.08	142.53	-3,885.62	-1,749.50	4,696.09	4,578.26	117.83	39.853		
3,200.00	3,138.94	3,101.06	3,098.94	15.75	106.56	142.69	-3,885.62	-1,749.50	4,713.41	4,591.63	121.79	38.702		
3,300.00	3,236.57	3,203.43	3,196.57	16.25	110.14	142.85	-3,885.62	-1,749.50	4,730.77	4,604.94	125.83	37.596		
3,400.00	3,334.21	3,305.79	3,294.21	16.75	113.71	143.00	-3,885.62	-1,749.50	4,748.16	4,618.28	129.88	36.559		
3,500.00	3,431.85	3,408.15	3,391.85	17.25	117.28	143.16	-3,885.62	-1,749.50	4,765.58	4,631.66	133.92	35.585		
3,600.00	3,529.48	3,489.48	3,489.48	17.75	120.12	143.31	-3,885.62	-1,749.50	4,783.04	4,645.81	137.23	34.854		
3,700.00	3,627.12	3,587.12	3,587.12	18.25	123.52	143.47	-3,885.62	-1,749.50	4,800.53	4,659.42	141.11	34.019		
3,800.00	3,724.76	3,684.76	3,684.76	18.75	126.93	143.62	-3,885.62	-1,749.50	4,818.06	4,673.07	144.99	33.229		
3,900.00	3,822.40	3,782.40	3,782.40	19.25	130.34	143.77	-3,885.62	-1,749.50	4,835.62	4,686.74	148.88	32.481		
4,000.00	3,920.03	3,880.03	3,880.03	19.75	133.75	143.92	-3,885.62	-1,749.50	4,853.21	4,700.45	152.76	31.771		
4,100.00	4,017.67	3,977.67	3,977.67	20.25	137.15	144.07	-3,885.62	-1,749.50	4,870.83	4,714.19	156.64	31.096		
4,200.00	4,115.31	4,075.31	4,075.31	20.76	140.56	144.21	-3,885.62	-1,749.50	4,888.49	4,727.97	160.52	30.454		
4,300.00	4,212.94	4,172.94	4,172.94	21.26	143.97	144.36	-3,885.62	-1,749.50	4,906.18	4,741.77	164.40	29.842		
4,400.00	4,310.58	4,270.58	4,270.58	21.76	147.38	144.51	-3,885.62	-1,749.50	4,923.90	4,755.61	168.29	29.259		
4,500.00	4,408.22	4,368.22	4,368.22	22.27	150.79	144.65	-3,885.62	-1,749.50	4,941.65	4,769.48	172.17	28.702		
4,600.00	4,505.86	4,465.86	4,465.86	22.77	154.19	144.79	-3,885.62	-1,749.50	4,959.43	4,783.37	176.05	28.170		
4,700.00	4,603.49	4,563.49	4,563.49	23.28	157.60	144.94	-3,885.62	-1,749.50	4,977.24	4,797.30	179.94	27.661		
4,800.00	4,701.13	4,661.13	4,661.13	23.78	161.01	145.08	-3,885.62	-1,749.50	4,995.08	4,811.26	183.82	27.174		
4,900.00	4,798.77	4,758.77	4,758.77	24.28	164.42	145.22	-3,885.62	-1,749.50	5,012.95	4,825.24	187.70	26.707		
5,000.00	4,896.40	4,856.40	4,856.40	24.79	167.82	145.36	-3,885.62	-1,749.50	5,030.85	4,839.26	191.59	26.259		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	4,954.04	4,954.04	25.30	171.23	145.49	-3,885.62	-1,749.50	5,048.78	4,853.31	195.47	25.829		
5,200.00	5,091.68	5,051.68	5,051.68	25.80	174.64	145.63	-3,885.62	-1,749.50	5,066.73	4,867.38	199.35	25.416		
5,300.00	5,189.32	5,149.32	5,149.32	26.31	178.05	145.77	-3,885.62	-1,749.50	5,084.72	4,881.48	203.24	25.019		
5,400.00	5,286.95	5,246.95	5,246.95	26.81	181.46	145.90	-3,885.62	-1,749.50	5,102.73	4,895.61	207.12	24.636		
5,500.00	5,384.59	5,344.59	5,344.59	27.32	184.86	146.04	-3,885.62	-1,749.50	5,120.78	4,909.77	211.01	24.268		
5,600.00	5,482.23	5,442.23	5,442.23	27.82	188.27	146.17	-3,885.62	-1,749.50	5,138.84	4,923.96	214.89	23.914		
5,700.00	5,579.87	5,539.87	5,539.87	28.33	191.68	146.31	-3,885.62	-1,749.50	5,156.94	4,938.17	218.77	23.572		
5,800.00	5,677.50	5,637.50	5,637.50	28.84	195.09	146.44	-3,885.62	-1,749.50	5,175.06	4,952.41	222.66	23.242		
5,900.00	5,775.14	5,735.14	5,735.14	29.34	198.50	146.57	-3,885.62	-1,749.50	5,193.22	4,966.67	226.54	22.924		
6,000.00	5,872.78	5,832.78	5,832.78	29.85	201.90	146.70	-3,885.62	-1,749.50	5,211.39	4,980.97	230.42	22.616		
6,100.00	5,970.41	5,930.41	5,930.41	30.36	205.31	146.83	-3,885.62	-1,749.50	5,229.59	4,995.29	234.31	22.319		
6,200.00	6,068.05	6,028.05	6,028.05	30.86	208.72	146.96	-3,885.62	-1,749.50	5,247.82	5,009.63	238.19	22.032		
6,300.00	6,165.69	6,125.69	6,125.69	31.37	212.13	147.08	-3,885.62	-1,749.50	5,266.08	5,024.00	242.08	21.754		
6,400.00	6,263.33	6,223.33	6,223.33	31.88	215.54	147.21	-3,885.62	-1,749.50	5,284.36	5,038.40	245.96	21.485		
6,500.00	6,360.96	6,320.96	6,320.96	32.38	218.94	147.33	-3,885.62	-1,749.50	5,302.66	5,052.82	249.84	21.224		
6,600.00	6,458.60	6,418.60	6,418.60	32.89	222.35	147.46	-3,885.62	-1,749.50	5,320.99	5,067.26	253.73	20.971		
6,628.42	6,486.35	6,446.35	6,446.35	33.04	223.32	147.49	-3,885.62	-1,749.50	5,326.20	5,071.37	254.83	20.901		
6,650.00	6,507.49	6,467.49	6,467.49	33.14	224.06	152.12	-3,885.62	-1,749.50	5,329.97	5,074.30	255.67	20.847		
6,700.00	6,556.88	6,516.88	6,516.88	33.37	225.78	170.42	-3,885.62	-1,749.50	5,337.19	5,079.57	257.62	20.718		
6,750.00	6,606.60	6,566.60	6,566.60	33.58	227.52	-150.60	-3,885.62	-1,749.50	5,342.27	5,082.71	259.56	20.582		
6,800.00	6,656.35	6,616.35	6,616.35	33.76	229.26	-108.12	-3,885.62	-1,749.50	5,345.17	5,083.68	261.49	20.441		
6,850.00	6,705.83	6,665.83	6,665.83	33.94	230.98	-87.60	-3,885.62	-1,749.50	5,345.89	5,082.49	263.40	20.296		
6,900.00	6,754.72	6,714.72	6,714.72	34.12	232.69	-78.32	-3,885.62	-1,749.50	5,344.43	5,079.14	265.29	20.145		
6,950.00	6,802.72	6,762.72	6,762.72	34.31	234.36	-73.58	-3,885.62	-1,749.50	5,340.83	5,073.68	267.15	19.992		
7,000.00	6,849.54	6,809.54	6,809.54	34.50	236.00	-71.01	-3,885.62	-1,749.50	5,335.12	5,066.15	268.97	19.835		
7,050.00	6,894.89	6,854.89	6,854.89	34.71	237.58	-69.67	-3,885.62	-1,749.50	5,327.37	5,056.63	270.74	19.677		
7,100.00	6,938.49	6,901.51	6,898.49	34.93	239.21	-69.15	-3,885.62	-1,749.50	5,317.67	5,045.11	272.56	19.510		
7,150.00	6,980.07	6,940.07	6,940.07	35.17	240.56	-69.19	-3,885.62	-1,749.50	5,306.10	5,031.99	274.11	19.358		
7,200.00	7,019.38	6,979.38	6,979.38	35.43	241.93	-69.69	-3,885.62	-1,749.50	5,292.78	5,017.08	275.70	19.198		
7,250.00	7,056.17	7,016.17	7,016.17	35.71	243.21	-70.54	-3,885.62	-1,749.50	5,277.82	5,000.61	277.21	19.039		
7,300.00	7,090.21	7,050.21	7,050.21	36.03	244.40	-71.70	-3,885.62	-1,749.50	5,261.37	4,982.71	278.66	18.881		
7,350.00	7,121.30	7,081.30	7,081.30	36.37	245.49	-73.11	-3,885.62	-1,749.50	5,243.57	4,963.54	280.03	18.725		
7,400.00	7,149.25	7,109.25	7,109.25	36.75	246.46	-74.75	-3,885.62	-1,749.50	5,224.56	4,943.24	281.32	18.572		
7,450.00	7,173.87	7,133.87	7,133.87	37.17	247.32	-76.58	-3,885.62	-1,749.50	5,204.51	4,921.98	282.53	18.421		
7,500.00	7,195.03	7,155.03	7,155.03	37.62	248.06	-78.57	-3,885.62	-1,749.50	5,183.57	4,899.91	283.66	18.274		
7,550.00	7,212.58	7,172.58	7,172.58	38.11	248.67	-80.68	-3,885.62	-1,749.50	5,161.91	4,877.21	284.70	18.131		
7,600.00	7,226.43	7,186.43	7,186.43	38.64	249.15	-82.89	-3,885.62	-1,749.50	5,139.68	4,854.04	285.65	17.993		
7,650.00	7,236.48	7,203.52	7,196.48	39.20	249.75	-85.16	-3,885.62	-1,749.50	5,117.06	4,830.31	286.75	17.845		
7,700.00	7,242.68	7,202.68	7,202.68	39.79	249.72	-87.47	-3,885.62	-1,749.50	5,094.19	4,806.94	287.25	17.734		
7,753.32	7,245.00	7,205.00	7,205.00	40.44	249.80	-89.95	-3,885.62	-1,749.50	5,069.71	4,781.77	287.94	17.607		
7,800.00	7,245.08	7,205.08	7,205.08	41.04	249.81	-89.95	-3,885.62	-1,749.50	5,048.46	4,759.96	288.50	17.499		
7,900.00	7,245.26	7,205.26	7,205.26	42.43	249.81	-89.95	-3,885.62	-1,749.50	5,004.10	4,714.26	289.84	17.265		
8,000.00	7,245.43	7,205.43	7,205.43	43.97	249.82	-89.95	-3,885.62	-1,749.50	4,961.35	4,670.02	291.33	17.030		
8,100.00	7,245.61	7,205.61	7,205.61	45.64	249.82	-89.96	-3,885.62	-1,749.50	4,920.27	4,627.30	292.97	16.794		
8,200.00	7,245.79	7,205.79	7,205.79	47.42	249.83	-89.96	-3,885.62	-1,749.50	4,880.89	4,586.13	294.76	16.559		
8,300.00	7,245.97	7,205.97	7,205.97	49.30	249.84	-89.96	-3,885.62	-1,749.50	4,843.25	4,546.58	296.67	16.325		
8,400.00	7,246.14	7,206.14	7,206.14	51.28	249.84	-89.96	-3,885.62	-1,749.50	4,807.40	4,508.70	298.70	16.094		
8,500.00	7,246.32	7,206.32	7,206.32	53.34	249.85	-89.96	-3,885.62	-1,749.50	4,773.38	4,472.53	300.84	15.867		
8,600.00	7,246.50	7,206.50	7,206.50	55.46	249.86	-89.97	-3,885.62	-1,749.50	4,741.22	4,438.14	303.08	15.643		
8,700.00	7,246.67	7,206.67	7,206.67	57.66	249.86	-89.97	-3,885.62	-1,749.50	4,710.96	4,405.56	305.41	15.425		
8,800.00	7,246.85	7,206.85	7,206.85	59.90	249.87	-89.97	-3,885.62	-1,749.50	4,682.65	4,374.84	307.81	15.213		
8,900.00	7,247.03	7,207.03	7,207.03	62.20	249.87	-89.97	-3,885.62	-1,749.50	4,656.31	4,346.03	310.28	15.007		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,207.21	7,207.21	64.55	249.88	-89.98	-3,885.62	-1,749.50	4,631.98	4,319.17	312.81	14.808		
9,100.00	7,247.38	7,207.38	7,207.38	66.93	249.89	-89.98	-3,885.62	-1,749.50	4,609.69	4,294.31	315.39	14.616		
9,200.00	7,247.56	7,207.56	7,207.56	69.35	249.89	-89.98	-3,885.62	-1,749.50	4,589.48	4,271.47	318.01	14.432		
9,300.00	7,247.74	7,207.74	7,207.74	71.80	249.90	-89.98	-3,885.62	-1,749.50	4,571.36	4,250.70	320.66	14.256		
9,400.00	7,247.91	7,207.91	7,207.91	74.29	249.90	-89.98	-3,885.62	-1,749.50	4,555.36	4,232.02	323.34	14.088		
9,500.00	7,248.09	7,208.09	7,208.09	76.79	249.91	-89.99	-3,885.62	-1,749.50	4,541.52	4,215.47	326.04	13.929		
9,600.00	7,248.27	7,208.27	7,208.27	79.33	249.92	-89.99	-3,885.62	-1,749.50	4,529.83	4,201.08	328.75	13.779		
9,700.00	7,248.45	7,208.45	7,208.45	81.88	249.92	-89.99	-3,885.62	-1,749.50	4,520.33	4,188.87	331.46	13.637		
9,800.00	7,248.62	7,208.62	7,208.62	84.45	249.93	-89.99	-3,885.62	-1,749.50	4,513.03	4,178.86	334.17	13.505		
9,900.00	7,248.80	7,208.80	7,208.80	87.04	249.94	-90.00	-3,885.62	-1,749.50	4,507.93	4,171.06	336.87	13.382		
10,000.00	7,248.98	7,208.98	7,208.98	89.65	249.94	-90.00	-3,885.62	-1,749.50	4,505.05	4,165.49	339.56	13.267		
10,079.89	7,249.12	7,209.12	7,209.12	91.75	249.95	-90.00	-3,885.62	-1,749.50	4,504.34	4,162.65	341.69	13.183		
10,100.00	7,249.15	7,209.15	7,209.15	92.28	249.95	-90.00	-3,885.62	-1,749.50	4,504.39	4,162.17	342.22	13.162		
10,200.00	7,249.33	7,209.33	7,209.33	94.91	249.95	-90.00	-3,885.62	-1,749.50	4,505.94	4,161.09	344.86	13.066 ES		
10,300.00	7,249.51	7,209.51	7,209.51	97.56	249.96	-90.00	-3,885.62	-1,749.50	4,509.72	4,162.26	347.46	12.979		
10,400.00	7,249.69	7,209.69	7,209.69	100.22	249.97	-90.01	-3,885.62	-1,749.50	4,515.70	4,165.68	350.02	12.901		
10,500.00	7,249.86	7,209.86	7,209.86	102.89	249.97	-90.01	-3,885.62	-1,749.50	4,523.89	4,171.34	352.55	12.832		
10,600.00	7,250.04	7,210.04	7,210.04	105.57	249.98	-90.01	-3,885.62	-1,749.50	4,534.27	4,179.25	355.02	12.772		
10,700.00	7,250.22	7,210.22	7,210.22	108.27	249.99	-90.01	-3,885.62	-1,749.50	4,546.83	4,189.38	357.45	12.720		
10,800.00	7,250.39	7,210.39	7,210.39	110.96	249.99	-90.02	-3,885.62	-1,749.50	4,561.54	4,201.72	359.82	12.677		
10,900.00	7,250.57	7,210.57	7,210.57	113.67	250.00	-90.02	-3,885.62	-1,749.50	4,578.39	4,216.25	362.14	12.643		
11,000.00	7,250.75	7,210.75	7,210.75	116.39	250.00	-90.02	-3,885.62	-1,749.50	4,597.36	4,232.96	364.39	12.616		
11,100.00	7,250.93	7,210.93	7,210.93	119.11	250.01	-90.02	-3,885.62	-1,749.50	4,618.41	4,251.82	366.59	12.598		
11,200.00	7,251.10	7,211.10	7,211.10	121.83	250.02	-90.03	-3,885.62	-1,749.50	4,641.52	4,272.81	368.72	12.588		
11,300.00	7,251.28	7,211.28	7,211.28	124.57	250.02	-90.03	-3,885.62	-1,749.50	4,666.66	4,295.88	370.78	12.586 SF		
11,400.00	7,251.46	7,211.46	7,211.46	127.31	250.03	-90.03	-3,885.62	-1,749.50	4,693.80	4,321.02	372.78	12.591		
11,500.00	7,251.63	7,211.63	7,211.63	130.05	250.03	-90.03	-3,885.62	-1,749.50	4,722.90	4,348.19	374.71	12.604		
11,600.00	7,251.81	7,211.81	7,211.81	132.80	250.04	-90.03	-3,885.62	-1,749.50	4,753.93	4,377.36	376.57	12.624		
11,700.00	7,251.99	7,211.99	7,211.99	135.55	250.05	-90.04	-3,885.62	-1,749.50	4,786.84	4,408.48	378.36	12.652		
11,800.00	7,252.17	7,212.17	7,212.17	138.31	250.05	-90.04	-3,885.62	-1,749.50	4,821.60	4,441.52	380.08	12.686		
11,900.00	7,252.34	7,212.34	7,212.34	141.07	250.06	-90.04	-3,885.62	-1,749.50	4,858.18	4,476.44	381.74	12.726		
12,000.00	7,252.52	7,212.52	7,212.52	143.84	250.07	-90.04	-3,885.62	-1,749.50	4,896.52	4,513.19	383.33	12.774		
12,100.00	7,252.70	7,212.70	7,212.70	146.61	250.07	-90.05	-3,885.62	-1,749.50	4,936.59	4,551.74	384.85	12.827		
12,200.00	7,252.87	7,212.87	7,212.87	149.38	250.08	-90.05	-3,885.62	-1,749.50	4,978.35	4,592.04	386.30	12.887		
12,300.00	7,253.05	7,213.05	7,213.05	152.16	250.08	-90.05	-3,885.62	-1,749.50	5,021.75	4,634.05	387.69	12.953		
12,400.00	7,253.23	7,213.23	7,213.23	154.94	250.09	-90.05	-3,885.62	-1,749.50	5,066.75	4,677.73	389.02	13.024		
12,500.00	7,253.41	7,213.41	7,213.41	157.72	250.10	-90.05	-3,885.62	-1,749.50	5,113.32	4,723.03	390.28	13.102		
12,600.00	7,253.58	7,213.58	7,213.58	160.51	250.10	-90.06	-3,885.62	-1,749.50	5,161.40	4,769.91	391.49	13.184		
12,700.00	7,253.76	7,213.76	7,213.76	163.29	250.11	-90.06	-3,885.62	-1,749.50	5,210.95	4,818.32	392.63	13.272		
12,800.00	7,253.94	7,213.94	7,213.94	166.08	250.12	-90.06	-3,885.62	-1,749.50	5,261.94	4,868.22	393.72	13.365		
12,900.00	7,254.11	7,214.11	7,214.11	168.88	250.12	-90.06	-3,885.62	-1,749.50	5,314.33	4,919.58	394.75	13.462		
13,000.00	7,254.29	7,214.29	7,214.29	171.67	250.13	-90.07	-3,885.62	-1,749.50	5,368.06	4,972.33	395.73	13.565		
13,100.00	7,254.47	7,214.47	7,214.47	174.47	250.13	-90.07	-3,885.62	-1,749.50	5,423.11	5,026.45	396.66	13.672		
13,200.00	7,254.65	7,214.65	7,214.65	177.27	250.14	-90.07	-3,885.62	-1,749.50	5,479.43	5,081.90	397.53	13.784		
13,300.00	7,254.82	7,214.82	7,214.82	180.07	250.15	-90.07	-3,885.62	-1,749.50	5,536.98	5,138.62	398.36	13.899		
13,400.00	7,255.00	7,215.00	7,215.00	182.87	250.15	-90.07	-3,885.62	-1,749.50	5,595.73	5,196.59	399.14	14.019		
13,500.00	7,255.18	7,215.18	7,215.18	185.67	250.16	-90.08	-3,885.62	-1,749.50	5,655.63	5,255.76	399.88	14.143		
13,600.00	7,255.35	7,215.35	7,215.35	188.48	250.16	-90.08	-3,885.62	-1,749.50	5,716.66	5,316.09	400.57	14.271		
13,700.00	7,255.53	7,215.53	7,215.53	191.29	250.17	-90.08	-3,885.62	-1,749.50	5,778.77	5,377.55	401.23	14.403		
13,800.00	7,255.71	7,215.71	7,215.71	194.10	250.18	-90.08	-3,885.62	-1,749.50	5,841.94	5,440.10	401.84	14.538		
13,900.00	7,255.89	7,215.89	7,215.89	196.91	250.18	-90.09	-3,885.62	-1,749.50	5,906.12	5,503.70	402.42	14.676		
14,000.00	7,256.06	7,216.06	7,216.06	199.72	250.19	-90.09	-3,885.62	-1,749.50	5,971.29	5,568.33	402.96	14.818		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,216.24	7,216.24	202.53	250.20	-90.09	-3,885.62	-1,749.50	6,037.41	5,633.94	403.47	14.964		
14,200.00	7,256.42	7,216.42	7,216.42	205.35	250.20	-90.09	-3,885.62	-1,749.50	6,104.45	5,700.50	403.95	15.112		
14,300.00	7,256.59	7,216.59	7,216.59	208.16	250.21	-90.10	-3,885.62	-1,749.50	6,172.39	5,767.99	404.39	15.263		
14,400.00	7,256.77	7,216.77	7,216.77	210.98	250.21	-90.10	-3,885.62	-1,749.50	6,241.18	5,836.37	404.81	15.418		
14,500.00	7,256.95	7,216.95	7,216.95	213.80	250.22	-90.10	-3,885.62	-1,749.50	6,310.82	5,905.62	405.20	15.575		
14,600.00	7,257.13	7,217.13	7,217.13	216.62	250.23	-90.10	-3,885.62	-1,749.50	6,381.25	5,975.69	405.56	15.734		
14,700.00	7,257.30	7,217.30	7,217.30	219.44	250.23	-90.10	-3,885.62	-1,749.50	6,452.47	6,046.58	405.90	15.897		
14,800.00	7,257.48	7,217.48	7,217.48	222.26	250.24	-90.11	-3,885.62	-1,749.50	6,524.45	6,118.24	406.21	16.062		
14,900.00	7,257.66	7,217.66	7,217.66	225.08	250.24	-90.11	-3,885.62	-1,749.50	6,597.16	6,190.65	406.50	16.229		
15,000.00	7,257.83	7,217.83	7,217.83	227.91	250.25	-90.11	-3,885.62	-1,749.50	6,670.57	6,263.80	406.77	16.399		
15,100.00	7,258.01	7,218.01	7,218.01	230.73	250.26	-90.11	-3,885.62	-1,749.50	6,744.66	6,337.64	407.02	16.571		
15,200.00	7,258.19	7,218.19	7,218.19	233.56	250.26	-90.12	-3,885.62	-1,749.50	6,819.42	6,412.17	407.25	16.745		
15,300.00	7,258.37	7,218.37	7,218.37	236.38	250.27	-90.12	-3,885.62	-1,749.50	6,894.82	6,487.35	407.47	16.921		
15,400.00	7,258.54	7,218.54	7,218.54	239.21	250.28	-90.12	-3,885.62	-1,749.50	6,970.84	6,563.18	407.66	17.100		
15,500.00	7,258.72	7,218.72	7,218.72	242.04	250.28	-90.12	-3,885.62	-1,749.50	7,047.45	6,639.61	407.84	17.280		
15,600.00	7,258.90	7,218.90	7,218.90	244.87	250.29	-90.12	-3,885.62	-1,749.50	7,124.65	6,716.64	408.00	17.462		
15,700.00	7,259.08	7,219.08	7,219.08	247.70	250.29	-90.13	-3,885.62	-1,749.50	7,202.40	6,794.25	408.15	17.646		
15,800.00	7,259.25	7,219.25	7,219.25	250.53	250.30	-90.13	-3,885.62	-1,749.50	7,280.70	6,872.41	408.29	17.832		
15,900.00	7,259.43	7,219.43	7,219.43	253.36	250.31	-90.13	-3,885.62	-1,749.50	7,359.53	6,951.11	408.41	18.020		
16,000.00	7,259.61	7,219.61	7,219.61	256.19	250.31	-90.13	-3,885.62	-1,749.50	7,438.86	7,030.34	408.52	18.209		
16,100.00	7,259.78	7,219.78	7,219.78	259.02	250.32	-90.14	-3,885.62	-1,749.50	7,518.69	7,110.06	408.62	18.400		
16,200.00	7,259.96	7,219.96	7,219.96	261.85	250.33	-90.14	-3,885.62	-1,749.50	7,598.99	7,190.28	408.71	18.592		
16,300.00	7,260.14	7,220.14	7,220.14	264.68	250.33	-90.14	-3,885.62	-1,749.50	7,679.76	7,270.97	408.79	18.786		
16,400.00	7,260.32	7,220.32	7,220.32	267.52	250.34	-90.14	-3,885.62	-1,749.50	7,760.98	7,352.11	408.86	18.982		
16,500.00	7,260.49	7,220.49	7,220.49	270.35	250.34	-90.14	-3,885.62	-1,749.50	7,842.62	7,433.70	408.92	19.179		
16,600.00	7,260.67	7,220.67	7,220.67	273.19	250.35	-90.15	-3,885.62	-1,749.50	7,924.69	7,515.72	408.97	19.377		
16,700.00	7,260.85	7,220.85	7,220.85	276.02	250.36	-90.15	-3,885.62	-1,749.50	8,007.17	7,598.15	409.02	19.577		
16,800.00	7,261.02	7,221.02	7,221.02	278.86	250.36	-90.15	-3,885.62	-1,749.50	8,090.04	7,680.99	409.05	19.777		
16,900.00	7,261.20	7,221.20	7,221.20	281.69	250.37	-90.15	-3,885.62	-1,749.50	8,173.30	7,764.22	409.08	19.979		
17,000.00	7,261.38	7,221.38	7,221.38	284.53	250.37	-90.16	-3,885.62	-1,749.50	8,256.93	7,847.82	409.11	20.183		
17,100.00	7,261.56	7,221.56	7,221.56	287.37	250.38	-90.16	-3,885.62	-1,749.50	8,340.91	7,931.79	409.12	20.387		
17,200.00	7,261.73	7,221.73	7,221.73	290.21	250.39	-90.16	-3,885.62	-1,749.50	8,425.25	8,016.12	409.14	20.593		
17,300.00	7,261.91	7,221.91	7,221.91	293.04	250.39	-90.16	-3,885.62	-1,749.50	8,509.93	8,100.79	409.14	20.799		
17,400.00	7,262.09	7,222.09	7,222.09	295.88	250.40	-90.16	-3,885.62	-1,749.50	8,594.94	8,185.79	409.14	21.007		
17,500.00	7,262.26	7,222.26	7,222.26	298.72	250.41	-90.17	-3,885.62	-1,749.50	8,680.26	8,271.12	409.14	21.216		
17,600.00	7,262.44	7,222.44	7,222.44	301.56	250.41	-90.17	-3,885.62	-1,749.50	8,765.90	8,356.77	409.13	21.426		
17,700.00	7,262.62	7,222.62	7,222.62	304.40	250.42	-90.17	-3,885.62	-1,749.50	8,851.83	8,442.72	409.12	21.636		
17,800.00	7,262.80	7,222.80	7,222.80	307.24	250.42	-90.17	-3,885.62	-1,749.50	8,938.06	8,528.96	409.10	21.848		
17,900.00	7,262.97	7,222.97	7,222.97	310.08	250.43	-90.18	-3,885.62	-1,749.50	9,024.58	8,615.49	409.08	22.061		
18,000.00	7,263.15	7,223.15	7,223.15	312.92	250.44	-90.18	-3,885.62	-1,749.50	9,111.37	8,702.31	409.06	22.274		
18,100.00	7,263.33	7,223.33	7,223.33	315.76	250.44	-90.18	-3,885.62	-1,749.50	9,198.43	8,789.39	409.03	22.488		
18,200.00	7,263.50	7,223.50	7,223.50	318.61	250.45	-90.18	-3,885.62	-1,749.50	9,285.74	8,876.74	409.00	22.703		
18,300.00	7,263.68	7,223.68	7,223.68	321.45	250.46	-90.19	-3,885.62	-1,749.50	9,373.32	8,964.34	408.97	22.919		
18,400.00	7,263.86	7,223.86	7,223.86	324.29	250.46	-90.19	-3,885.62	-1,749.50	9,461.14	9,052.20	408.94	23.136		
18,500.00	7,264.04	7,224.04	7,224.04	327.13	250.47	-90.19	-3,885.62	-1,749.50	9,549.19	9,140.29	408.90	23.353		
18,600.00	7,264.21	7,224.21	7,224.21	329.97	250.47	-90.19	-3,885.62	-1,749.50	9,637.48	9,228.62	408.86	23.571		
18,700.00	7,264.39	7,224.39	7,224.39	332.82	250.48	-90.19	-3,885.62	-1,749.50	9,726.00	9,317.18	408.82	23.790		
18,800.00	7,264.57	7,224.57	7,224.57	335.66	250.49	-90.20	-3,885.62	-1,749.50	9,814.74	9,405.96	408.78	24.010		
18,900.00	7,264.74	7,224.74	7,224.74	338.51	250.49	-90.20	-3,885.62	-1,749.50	9,903.69	9,494.96	408.74	24.230		
19,000.00	7,264.92	7,224.92	7,224.92	341.35	250.50	-90.20	-3,885.62	-1,749.50	9,992.86	9,584.17	408.69	24.451		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
0.00	0.00	0.00	0.00	3.28	0.00	145.39	-732.61	505.60	890.20					
100.00	100.00	93.54	93.54	3.28	0.21	145.42	-732.64	505.13	889.91	886.41	3.49	254.841		
200.00	200.00	198.62	198.60	3.34	0.44	145.51	-732.75	503.50	889.11	885.33	3.78	235.399		
300.00	299.98	303.57	303.51	3.44	0.68	80.25	-732.94	500.69	887.45	883.33	4.12	215.528		
400.00	399.84	416.64	416.52	3.60	1.09	80.87	-732.40	496.98	884.38	879.69	4.70	188.299		
500.00	499.45	522.73	522.54	3.81	1.55	81.60	-729.54	494.39	879.44	874.07	5.37	163.908		
600.00	598.70	626.49	626.22	4.06	2.00	82.52	-725.79	492.29	873.58	867.51	6.06	144.089		
700.00	697.47	729.91	729.51	4.34	2.45	83.65	-721.14	490.59	866.93	860.13	6.80	127.550		
800.00	795.62	832.89	832.34	4.66	2.90	84.98	-715.61	489.30	859.66	852.09	7.57	113.628		
824.00	819.08	857.54	856.94	4.75	3.00	85.33	-714.15	489.05	857.84	850.08	7.75	110.621		
900.00	893.28	932.26	931.53	5.02	3.33	86.33	-709.88	488.24	852.32	843.97	8.35	102.057		
1,000.00	990.92	1,031.67	1,030.75	5.40	3.77	87.69	-703.95	486.55	844.97	835.80	9.17	92.186		
1,100.00	1,088.56	1,139.10	1,137.98	5.80	4.24	89.35	-698.60	482.69	838.21	828.16	10.04	83.465		
1,200.00	1,186.19	1,270.60	1,268.84	6.21	4.83	91.58	-689.15	474.02	828.83	817.78	11.05	74.996		
1,300.00	1,283.83	1,404.96	1,401.87	6.64	5.43	93.94	-674.25	462.67	816.02	803.94	12.08	67.558		
1,400.00	1,381.47	1,533.49	1,528.27	7.08	6.02	96.23	-654.26	450.75	799.62	786.54	13.08	61.147		
1,500.00	1,479.10	1,633.25	1,625.96	7.53	6.48	97.94	-635.79	442.57	781.62	767.65	13.96	55.976		
1,600.00	1,576.74	1,742.35	1,732.52	7.99	6.99	99.85	-614.04	433.94	763.02	748.12	14.89	51.238		
1,700.00	1,674.38	1,829.60	1,817.72	8.45	7.40	101.52	-597.01	426.02	745.24	729.48	15.76	47.287		
1,800.00	1,772.02	1,921.43	1,907.55	8.92	7.83	103.40	-579.95	417.48	729.14	712.49	16.65	43.782		
1,900.00	1,869.65	2,026.24	2,010.06	9.39	8.33	105.52	-559.87	408.97	713.65	696.06	17.59	40.569		
2,000.00	1,967.29	2,114.31	2,096.11	9.87	8.75	107.35	-542.48	401.95	698.50	680.01	18.49	37.776		
2,100.00	2,064.93	2,207.99	2,187.83	10.35	9.20	109.42	-525.08	394.17	685.34	665.93	19.41	35.308		
2,200.00	2,162.56	2,311.89	2,289.53	10.83	9.69	111.67	-505.05	386.96	672.66	652.30	20.36	33.043		
2,300.00	2,260.20	2,399.59	2,375.36	11.32	10.11	113.54	-487.80	381.91	660.62	639.35	21.27	31.060		
2,400.00	2,357.84	2,498.17	2,472.03	11.80	10.58	115.71	-469.31	376.34	650.40	628.20	22.21	29.289		
2,500.00	2,455.48	2,609.87	2,581.25	12.29	11.12	118.21	-446.66	370.56	639.66	616.49	23.17	27.609		
2,600.00	2,553.11	2,696.25	2,665.63	12.78	11.53	120.21	-428.79	365.94	629.48	605.39	24.09	26.130		
2,700.00	2,650.75	2,797.84	2,764.85	13.27	12.02	122.73	-407.94	359.40	620.61	595.57	25.04	24.785		
2,800.00	2,748.39	2,884.91	2,849.86	13.77	12.45	125.02	-390.27	352.91	613.28	587.32	25.96	23.620		
2,900.00	2,846.02	2,976.94	2,939.80	14.26	12.90	127.53	-372.31	345.39	608.13	581.24	26.90	22.611		
3,000.00	2,943.66	3,057.42	3,018.68	14.76	13.28	129.74	-357.83	338.62	605.88	578.10	27.78	21.810		
3,010.57	2,953.98	3,065.98	3,027.10	14.81	13.33	129.97	-356.41	337.91	605.86	577.98	27.87	21.737 CC, ES		
3,100.00	3,041.30	3,142.15	3,102.08	15.25	13.69	132.00	-344.56	331.80	607.07	578.42	28.65	21.187		
3,200.00	3,138.94	3,237.55	3,196.27	15.75	14.14	134.42	-330.98	324.99	610.61	581.05	29.56	20.655		
3,300.00	3,236.57	3,324.58	3,282.38	16.25	14.54	136.47	-319.48	319.94	615.77	585.36	30.41	20.246		
3,400.00	3,334.21	3,410.60	3,367.74	16.75	14.93	138.37	-309.90	315.25	623.66	592.42	31.24	19.962		
3,500.00	3,431.85	3,496.58	3,453.26	17.25	15.31	140.12	-302.15	311.05	634.06	602.01	32.05	19.784		
3,600.00	3,529.48	3,590.96	3,547.31	17.75	15.73	141.87	-295.37	307.03	646.50	613.60	32.91	19.646		
3,700.00	3,627.12	3,686.27	3,642.42	18.25	16.14	143.37	-289.62	305.12	659.50	625.73	33.77	19.532		
3,800.00	3,724.76	3,781.55	3,737.62	18.75	16.54	144.55	-285.78	305.53	673.42	638.80	34.62	19.454		
3,900.00	3,822.40	3,879.66	3,835.67	19.25	16.95	145.64	-282.50	306.73	687.80	652.32	35.49	19.382		
4,000.00	3,920.03	3,969.71	3,925.68	19.75	17.32	146.59	-279.81	307.73	702.79	666.50	36.29	19.368		
4,100.00	4,017.67	4,059.22	4,015.17	20.25	17.69	147.53	-278.05	307.82	719.36	682.28	37.08	19.401		
4,200.00	4,115.31	4,155.26	4,111.20	20.76	18.09	148.49	-276.71	307.43	736.89	698.96	37.93	19.429		
4,300.00	4,212.94	4,241.55	4,197.48	21.26	18.45	149.30	-275.97	307.07	755.09	716.42	38.67	19.525		
4,400.00	4,310.58	4,327.26	4,283.18	21.76	18.79	150.06	-276.71	305.84	775.34	735.95	39.39	19.682		
4,500.00	4,408.22	4,420.62	4,376.50	22.27	19.15	150.84	-278.25	304.04	796.69	756.50	40.18	19.826		
4,600.00	4,505.86	4,514.09	4,469.94	22.77	19.51	151.51	-280.58	302.89	818.41	777.43	40.98	19.973		
4,700.00	4,603.49	4,613.36	4,569.14	23.28	19.90	152.11	-284.03	302.20	840.68	798.84	41.83	20.097		
4,800.00	4,701.13	4,726.75	4,682.51	23.78	20.34	152.81	-286.51	301.81	861.84	819.00	42.83	20.120		
4,900.00	4,798.77	4,831.77	4,787.52	24.28	20.76	153.45	-287.28	302.17	881.55	837.80	43.75	20.151		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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	4,896.40	4,928.94	4,884.69	24.79	21.14	154.00	-287.86	302.83	901.04	856.45	44.59	20.207		
5,100.00	4,994.04	5,022.09	4,977.84	25.30	21.51	154.50	-288.64	303.30	920.90	875.50	45.39	20.287		
5,200.00	5,091.68	5,118.01	5,073.75	25.80	21.89	155.00	-289.75	303.60	941.18	894.95	46.22	20.361		
5,300.00	5,189.32	5,209.88	5,165.62	26.31	22.26	155.49	-290.69	303.27	961.88	914.86	47.02	20.457		
5,400.00	5,286.95	5,325.13	5,280.86	26.81	22.74	156.16	-290.51	302.20	982.18	934.13	48.05	20.439		
5,500.00	5,384.59	5,421.17	5,376.89	27.32	23.15	156.72	-289.30	301.50	1,001.64	952.73	48.91	20.478		
5,600.00	5,482.23	5,505.73	5,461.42	27.82	23.51	157.24	-288.26	299.93	1,021.95	972.29	49.66	20.581		
5,700.00	5,579.87	5,610.88	5,566.56	28.33	23.95	157.81	-287.70	298.62	1,042.45	991.85	50.60	20.602		
5,800.00	5,677.50	5,700.52	5,656.20	28.84	24.31	158.17	-288.73	298.90	1,063.15	1,011.76	51.38	20.691		
5,900.00	5,775.14	5,796.02	5,751.67	29.34	24.70	158.51	-290.48	299.01	1,084.50	1,032.28	52.22	20.770		
6,000.00	5,872.78	5,919.78	5,875.43	29.85	25.20	158.96	-290.93	300.48	1,103.99	1,050.67	53.32	20.705		
6,100.00	5,970.41	6,013.11	5,968.75	30.36	25.59	159.31	-290.64	301.44	1,123.31	1,069.16	54.15	20.745		
6,200.00	6,068.05	6,107.76	6,063.39	30.86	25.98	159.67	-290.18	302.02	1,142.85	1,087.86	54.99	20.783		
6,300.00	6,165.69	6,198.89	6,154.53	31.37	26.36	160.01	-290.12	302.29	1,162.94	1,107.14	55.79	20.844		
6,400.00	6,263.33	6,292.44	6,248.07	31.88	26.74	160.33	-290.58	302.42	1,183.56	1,126.94	56.62	20.905		
6,500.00	6,360.96	7,867.40	7,239.48	32.38	37.42	126.32	-274.65	1,159.33	1,203.30	1,151.44	51.87	23.200		
6,600.00	6,458.60	7,885.24	7,240.24	32.89	37.70	125.24	-274.30	1,177.16	1,139.76	1,084.56	55.20	20.648		
6,628.42	6,486.35	7,890.41	7,240.48	33.04	37.78	124.93	-274.21	1,182.32	1,122.59	1,066.42	56.17	19.984		
6,650.00	6,507.49	7,895.00	7,240.69	33.14	37.85	127.55	-274.14	1,186.90	1,109.81	1,052.88	56.93	19.495		
6,700.00	6,556.88	7,905.86	7,241.16	33.37	38.04	141.41	-273.98	1,197.75	1,080.87	1,022.17	58.69	18.415		
6,750.00	6,606.60	7,911.96	7,241.39	33.58	38.15	176.64	-273.89	1,203.84	1,053.20	992.78	60.42	17.432		
6,800.00	6,656.35	7,912.27	7,241.40	33.76	38.15	-143.82	-273.89	1,204.16	1,027.14	965.08	62.06	16.552		
6,850.00	6,705.83	7,907.52	7,241.22	33.94	38.07	-125.45	-273.95	1,199.41	1,003.00	939.40	63.60	15.771		
6,900.00	6,754.72	7,898.35	7,240.84	34.12	37.91	-117.58	-274.09	1,190.25	981.01	915.99	65.02	15.087		
6,950.00	6,802.72	7,888.55	7,240.39	34.31	37.75	-113.72	-274.25	1,180.47	961.38	895.02	66.36	14.487		
7,000.00	6,849.54	7,876.84	7,239.88	34.50	37.57	-111.46	-274.46	1,168.76	944.29	876.72	67.57	13.975		
7,050.00	6,894.89	7,861.99	7,239.26	34.71	37.33	-109.81	-274.77	1,153.93	929.85	861.23	68.62	13.551		
7,100.00	6,938.49	7,844.05	7,238.58	34.93	37.05	-108.36	-275.21	1,136.01	918.08	848.60	69.48	13.213		
7,150.00	6,980.07	7,823.09	7,237.88	35.17	36.71	-106.94	-275.81	1,115.07	908.96	838.79	70.17	12.954		
7,200.00	7,019.38	7,798.46	7,237.17	35.43	36.33	-105.42	-276.62	1,090.46	902.37	831.71	70.66	12.770		
7,250.00	7,056.17	7,765.16	7,236.22	35.71	35.85	-103.54	-277.77	1,057.19	897.99	827.05	70.95	12.658		
7,300.00	7,090.21	7,729.13	7,235.07	36.03	35.34	-101.61	-279.00	1,021.20	895.50	824.42	71.08	12.599 SF		
7,350.00	7,121.30	7,653.60	7,232.50	36.37	34.33	-98.19	-280.33	945.74	894.14	823.52	70.62	12.661		
7,400.00	7,149.25	7,611.34	7,230.73	36.75	33.83	-96.37	-279.98	903.52	892.80	822.19	70.61	12.645		
7,450.00	7,173.87	7,567.68	7,228.21	37.17	33.32	-94.62	-279.59	859.93	892.29	821.75	70.53	12.650		
7,463.17	7,179.79	7,556.53	7,227.42	37.29	33.20	-94.20	-279.49	848.81	892.26	821.73	70.53	12.651		
7,500.00	7,195.03	7,527.11	7,224.14	37.62	32.90	-93.06	-279.34	819.58	892.46	821.92	70.54	12.652		
7,550.00	7,212.58	7,488.91	7,217.21	38.11	32.51	-91.54	-279.41	782.03	893.38	822.81	70.57	12.660		
7,600.00	7,226.43	7,453.32	7,208.19	38.64	32.17	-90.10	-279.75	747.61	895.04	824.39	70.65	12.669		
7,650.00	7,236.48	7,419.08	7,198.01	39.20	31.88	-88.74	-280.40	714.92	897.45	826.67	70.78	12.679		
7,700.00	7,242.68	7,384.89	7,186.56	39.79	31.59	-87.44	-281.37	682.72	900.51	829.57	70.93	12.695		
7,753.32	7,245.00	7,348.29	7,172.67	40.44	31.33	-86.11	-282.74	648.89	904.34	833.18	71.16	12.708		
7,800.00	7,245.08	7,317.24	7,159.27	41.04	31.12	-85.26	-284.14	620.92	908.37	836.98	71.39	12.724		
7,900.00	7,245.26	7,246.65	7,123.13	42.43	30.69	-83.01	-287.72	560.47	920.30	848.45	71.85	12.809		
8,000.00	7,245.43	7,187.00	7,085.40	43.97	30.39	-80.68	-289.62	514.37	936.45	864.08	72.38	12.939		
8,100.00	7,245.61	7,136.35	7,049.05	45.64	30.16	-78.47	-290.79	479.14	958.65	885.71	72.95	13.142		
8,200.00	7,245.79	7,093.00	7,015.54	47.42	29.98	-76.47	-292.03	451.68	987.87	914.37	73.50	13.441		
8,300.00	7,245.97	7,054.31	6,984.08	49.30	29.82	-74.63	-292.91	429.18	1,023.61	949.60	74.01	13.831		
8,400.00	7,246.14	7,014.05	6,950.10	51.28	29.67	-72.66	-293.16	407.61	1,065.28	990.93	74.35	14.328		
8,500.00	7,246.32	6,982.16	6,922.36	53.34	29.54	-71.08	-292.89	391.88	1,112.72	1,038.01	74.71	14.894		
8,600.00	7,246.50	6,955.85	6,898.99	55.46	29.44	-69.76	-292.53	379.80	1,165.65	1,090.61	75.05	15.532		
8,700.00	7,246.67	6,932.75	6,878.15	57.66	29.35	-68.60	-292.12	369.85	1,223.59	1,148.26	75.33	16.243		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
8,800.00	7,246.85	6,904.00	6,851.81	59.90	29.24	-67.17	-291.48	358.36	1,286.05	1,210.62	75.43	17.049		
8,900.00	7,247.03	6,904.00	6,851.81	62.20	29.24	-67.17	-291.48	358.36	1,352.44	1,276.56	75.88	17.824		
9,000.00	7,247.21	6,904.00	6,851.81	64.55	29.24	-67.17	-291.48	358.36	1,422.77	1,346.56	76.21	18.669		
9,100.00	7,247.38	6,871.70	6,821.73	66.93	29.12	-65.56	-291.01	346.59	1,495.43	1,419.34	76.09	19.654		
9,200.00	7,247.56	6,860.71	6,811.40	69.35	29.07	-65.02	-290.99	342.86	1,571.23	1,495.05	76.18	20.626		
9,300.00	7,247.74	6,850.51	6,801.76	71.80	29.04	-64.53	-291.05	339.52	1,649.39	1,573.16	76.24	21.635		
9,400.00	7,247.91	6,812.00	6,765.02	74.29	28.88	-62.69	-291.81	328.03	1,730.45	1,654.44	76.01	22.766		
9,500.00	7,248.09	6,812.00	6,765.02	76.79	28.88	-62.69	-291.81	328.03	1,812.07	1,735.95	76.12	23.805		
9,600.00	7,248.27	6,812.00	6,765.02	79.33	28.88	-62.69	-291.81	328.03	1,895.45	1,819.25	76.20	24.876		
9,700.00	7,248.45	6,812.00	6,765.02	81.88	28.88	-62.69	-291.81	328.03	1,980.37	1,904.13	76.24	25.976		
9,800.00	7,248.62	6,812.00	6,765.02	84.45	28.88	-62.69	-291.81	328.03	2,066.64	1,990.38	76.26	27.100		
9,900.00	7,248.80	6,812.00	6,765.02	87.04	28.88	-62.69	-291.81	328.03	2,154.10	2,077.84	76.26	28.246		
10,000.00	7,248.98	6,812.00	6,765.02	89.65	28.88	-62.69	-291.81	328.03	2,242.61	2,166.36	76.25	29.411		
10,100.00	7,249.15	6,812.00	6,765.02	92.28	28.88	-62.69	-291.81	328.03	2,332.04	2,255.82	76.23	30.593		
10,200.00	7,249.33	6,777.44	6,731.60	94.91	28.75	-61.07	-292.55	319.28	2,421.44	2,345.39	76.05	31.840		
10,300.00	7,249.51	6,771.18	6,725.49	97.56	28.72	-60.77	-292.61	317.86	2,512.09	2,436.09	76.00	33.053		
10,400.00	7,249.69	6,765.35	6,719.81	100.22	28.70	-60.50	-292.65	316.59	2,603.38	2,527.43	75.95	34.277		
10,500.00	7,249.86	6,759.92	6,714.50	102.89	28.68	-60.25	-292.67	315.44	2,695.25	2,619.35	75.90	35.509		
10,600.00	7,250.04	6,754.84	6,709.52	105.57	28.65	-60.02	-292.67	314.41	2,787.63	2,711.78	75.85	36.750		
10,700.00	7,250.22	6,718.00	6,673.27	108.27	28.51	-58.32	-292.23	307.93	2,881.24	2,805.57	75.67	38.077		
10,800.00	7,250.39	6,718.00	6,673.27	110.96	28.51	-58.32	-292.23	307.93	2,974.34	2,898.69	75.65	39.318		
10,900.00	7,250.57	6,718.00	6,673.27	113.67	28.51	-58.32	-292.23	307.93	3,067.87	2,992.25	75.63	40.566		
11,000.00	7,250.75	6,718.00	6,673.27	116.39	28.51	-58.32	-292.23	307.93	3,161.80	3,086.20	75.60	41.821		
11,100.00	7,250.93	6,718.00	6,673.27	119.11	28.51	-58.32	-292.23	307.93	3,256.09	3,180.51	75.58	43.081		
11,200.00	7,251.10	6,718.00	6,673.27	121.83	28.51	-58.32	-292.23	307.93	3,350.71	3,275.16	75.56	44.347		
11,300.00	7,251.28	6,718.00	6,673.27	124.57	28.51	-58.32	-292.23	307.93	3,445.64	3,370.11	75.53	45.617		
11,400.00	7,251.46	6,718.00	6,673.27	127.31	28.51	-58.32	-292.23	307.93	3,540.85	3,465.33	75.51	46.892		
11,500.00	7,251.63	6,718.00	6,673.27	130.05	28.51	-58.32	-292.23	307.93	3,636.31	3,560.82	75.49	48.170		
11,600.00	7,251.81	6,718.00	6,673.27	132.80	28.51	-58.32	-292.23	307.93	3,732.01	3,656.54	75.47	49.451		
11,700.00	7,251.99	6,718.00	6,673.27	135.55	28.51	-58.32	-292.23	307.93	3,827.93	3,752.48	75.45	50.734		
11,800.00	7,252.17	6,718.00	6,673.27	138.31	28.51	-58.32	-292.23	307.93	3,924.05	3,848.62	75.43	52.021		
11,900.00	7,252.34	6,718.00	6,673.27	141.07	28.51	-58.32	-292.23	307.93	4,020.37	3,944.95	75.42	53.309		
12,000.00	7,252.52	6,718.00	6,673.27	143.84	28.51	-58.32	-292.23	307.93	4,116.85	4,041.45	75.40	54.599		
12,100.00	7,252.70	6,718.00	6,673.27	146.61	28.51	-58.32	-292.23	307.93	4,213.51	4,138.12	75.39	55.891		
12,200.00	7,252.87	6,718.00	6,673.27	149.38	28.51	-58.32	-292.23	307.93	4,310.31	4,234.94	75.38	57.184		
12,300.00	7,253.05	6,718.00	6,673.27	152.16	28.51	-58.32	-292.23	307.93	4,407.26	4,331.89	75.37	58.477		
12,400.00	7,253.23	6,718.00	6,673.27	154.94	28.51	-58.32	-292.23	307.93	4,504.34	4,428.98	75.36	59.772		
12,500.00	7,253.41	6,718.00	6,673.27	157.72	28.51	-58.32	-292.23	307.93	4,601.55	4,526.20	75.35	61.067		
12,600.00	7,253.58	6,718.00	6,673.27	160.51	28.51	-58.32	-292.23	307.93	4,698.87	4,623.52	75.35	62.362		
12,700.00	7,253.76	6,718.00	6,673.27	163.29	28.51	-58.32	-292.23	307.93	4,796.31	4,720.96	75.34	63.658		
12,800.00	7,253.94	6,718.00	6,673.27	166.08	28.51	-58.32	-292.23	307.93	4,893.84	4,818.50	75.34	64.954		
12,900.00	7,254.11	6,718.00	6,673.27	168.88	28.51	-58.32	-292.23	307.93	4,991.48	4,916.13	75.34	66.249		
13,000.00	7,254.29	6,718.00	6,673.27	171.67	28.51	-58.32	-292.23	307.93	5,089.20	5,013.86	75.35	67.544		
13,100.00	7,254.47	6,718.00	6,673.27	174.47	28.51	-58.32	-292.23	307.93	5,187.02	5,111.67	75.35	68.839		
13,200.00	7,254.65	6,718.00	6,673.27	177.27	28.51	-58.32	-292.23	307.93	5,284.91	5,209.56	75.36	70.133		
13,300.00	7,254.82	6,718.00	6,673.27	180.07	28.51	-58.32	-292.23	307.93	5,382.89	5,307.52	75.36	71.426		
13,400.00	7,255.00	6,718.00	6,673.27	182.87	28.51	-58.32	-292.23	307.93	5,480.93	5,405.56	75.37	72.719		
13,500.00	7,255.18	6,718.00	6,673.27	185.67	28.51	-58.32	-292.23	307.93	5,579.05	5,503.66	75.38	74.011		
13,600.00	7,255.35	6,718.00	6,673.27	188.48	28.51	-58.32	-292.23	307.93	5,677.23	5,601.83	75.39	75.301		
13,700.00	7,255.53	6,718.00	6,673.27	191.29	28.51	-58.32	-292.23	307.93	5,775.47	5,700.06	75.41	76.590		
13,800.00	7,255.71	6,718.00	6,673.27	194.10	28.51	-58.32	-292.23	307.93	5,873.77	5,798.35	75.42	77.879		
13,900.00	7,255.89	6,718.00	6,673.27	196.91	28.51	-58.32	-292.23	307.93	5,972.13	5,896.69	75.44	79.165		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
14,000.00	7,256.06	6,718.00	6,673.27	199.72	28.51	-58.32	-292.23	307.93	6,070.54	5,995.09	75.46	80.450		
14,100.00	7,256.24	6,718.00	6,673.27	202.53	28.51	-58.32	-292.23	307.93	6,169.01	6,093.53	75.48	81.734		
14,200.00	7,256.42	6,718.00	6,673.27	205.35	28.51	-58.32	-292.23	307.93	6,267.52	6,192.02	75.50	83.016		
14,300.00	7,256.59	6,718.00	6,673.27	208.16	28.51	-58.32	-292.23	307.93	6,366.08	6,290.56	75.52	84.297		
14,400.00	7,256.77	6,718.00	6,673.27	210.98	28.51	-58.32	-292.23	307.93	6,464.68	6,389.14	75.54	85.575		
14,500.00	7,256.95	6,718.00	6,673.27	213.80	28.51	-58.32	-292.23	307.93	6,563.33	6,487.76	75.57	86.852		
14,600.00	7,257.13	6,718.00	6,673.27	216.62	28.51	-58.32	-292.23	307.93	6,662.01	6,586.42	75.60	88.127		
14,700.00	7,257.30	6,718.00	6,673.27	219.44	28.51	-58.32	-292.23	307.93	6,760.74	6,685.11	75.62	89.400		
14,800.00	7,257.48	6,718.00	6,673.27	222.26	28.51	-58.32	-292.23	307.93	6,859.50	6,783.85	75.65	90.671		
14,900.00	7,257.66	6,718.00	6,673.27	225.08	28.51	-58.32	-292.23	307.93	6,958.29	6,882.61	75.68	91.939		
15,000.00	7,257.83	6,718.00	6,673.27	227.91	28.51	-58.32	-292.23	307.93	7,057.13	6,981.41	75.72	93.206		
15,100.00	7,258.01	6,718.00	6,673.27	230.73	28.51	-58.32	-292.23	307.93	7,155.99	7,080.24	75.75	94.470		
15,200.00	7,258.19	6,718.00	6,673.27	233.56	28.51	-58.32	-292.23	307.93	7,254.88	7,179.10	75.78	95.732		
15,300.00	7,258.37	6,718.00	6,673.27	236.38	28.51	-58.32	-292.23	307.93	7,353.81	7,277.99	75.82	96.992		
15,400.00	7,258.54	6,718.00	6,673.27	239.21	28.51	-58.32	-292.23	307.93	7,452.76	7,376.90	75.86	98.249		
15,500.00	7,258.72	6,675.31	6,630.88	242.04	28.33	-56.40	-291.53	302.96	7,550.09	7,474.26	75.83	99.563		
15,600.00	7,258.90	6,674.74	6,630.31	244.87	28.33	-56.38	-291.52	302.92	7,649.05	7,573.18	75.87	100.817		
15,700.00	7,259.08	6,674.18	6,629.76	247.70	28.32	-56.36	-291.51	302.87	7,748.04	7,672.13	75.91	102.068		
15,800.00	7,259.25	6,673.63	6,629.21	250.53	28.32	-56.33	-291.51	302.83	7,847.06	7,771.11	75.95	103.316		
15,900.00	7,259.43	6,673.10	6,628.68	253.36	28.32	-56.31	-291.50	302.79	7,946.10	7,870.10	75.99	104.561		
16,000.00	7,259.61	6,672.58	6,628.16	256.19	28.32	-56.28	-291.50	302.75	8,045.16	7,969.12	76.04	105.804		
16,100.00	7,259.78	6,672.07	6,627.65	259.02	28.32	-56.26	-291.49	302.71	8,144.24	8,068.16	76.08	107.045		
16,200.00	7,259.96	6,671.57	6,627.15	261.85	28.31	-56.24	-291.49	302.67	8,243.35	8,167.22	76.13	108.282		
16,300.00	7,260.14	6,671.08	6,626.67	264.68	28.31	-56.22	-291.49	302.64	8,342.48	8,266.30	76.18	109.517		
16,400.00	7,260.32	6,670.61	6,626.19	267.52	28.31	-56.20	-291.48	302.60	8,441.63	8,365.40	76.22	110.749		
16,500.00	7,260.49	6,670.14	6,625.73	270.35	28.31	-56.18	-291.48	302.57	8,540.79	8,464.52	76.27	111.978		
16,600.00	7,260.67	6,669.69	6,625.27	273.19	28.31	-56.16	-291.47	302.53	8,639.98	8,563.66	76.32	113.204		
16,700.00	7,260.85	6,669.24	6,624.83	276.02	28.30	-56.14	-291.47	302.50	8,739.18	8,662.81	76.37	114.427		
16,800.00	7,261.02	6,668.80	6,624.39	278.86	28.30	-56.12	-291.47	302.47	8,838.41	8,761.98	76.43	115.647		
16,900.00	7,261.20	6,668.37	6,623.96	281.69	28.30	-56.10	-291.46	302.44	8,937.64	8,861.17	76.48	116.864		
17,000.00	7,261.38	6,625.00	6,580.63	284.53	28.12	-54.26	-291.38	300.98	9,038.55	8,962.07	76.48	118.181		
17,100.00	7,261.56	6,625.00	6,580.63	287.37	28.12	-54.26	-291.38	300.98	9,137.79	9,061.25	76.54	119.391		
17,200.00	7,261.73	6,625.00	6,580.63	290.21	28.12	-54.26	-291.38	300.98	9,237.04	9,160.45	76.59	120.598		
17,300.00	7,261.91	6,625.00	6,580.63	293.04	28.12	-54.26	-291.38	300.98	9,336.31	9,259.66	76.65	121.803		
17,400.00	7,262.09	6,625.00	6,580.63	295.88	28.12	-54.26	-291.38	300.98	9,435.60	9,358.89	76.71	123.004		
17,500.00	7,262.26	6,625.00	6,580.63	298.72	28.12	-54.26	-291.38	300.98	9,534.90	9,458.13	76.77	124.202		
17,600.00	7,262.44	6,625.00	6,580.63	301.56	28.12	-54.26	-291.38	300.98	9,634.22	9,557.39	76.83	125.397		
17,700.00	7,262.62	6,625.00	6,580.63	304.40	28.12	-54.26	-291.38	300.98	9,733.55	9,656.66	76.89	126.588		
17,800.00	7,262.80	6,625.00	6,580.63	307.24	28.12	-54.26	-291.38	300.98	9,832.89	9,755.94	76.95	127.777		
17,900.00	7,262.97	6,625.00	6,580.63	310.08	28.12	-54.26	-291.38	300.98	9,932.25	9,855.23	77.02	128.962		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	140.43	-612.75	506.43	795.02					
100.00	100.00	91.32	91.31	3.28	3.29	140.52	-613.44	505.39	794.81	788.24	6.57	120.957		
200.00	200.00	195.10	195.00	3.34	3.32	140.82	-615.76	501.79	794.35	787.70	6.65	119.380		
300.00	299.98	307.06	306.88	3.44	3.43	75.68	-616.63	498.17	792.49	785.61	6.87	115.344		
400.00	399.84	437.90	437.61	3.60	3.63	76.28	-612.49	494.74	787.14	779.89	7.26	108.497		
500.00	499.45	566.49	565.75	3.81	3.90	77.30	-604.34	487.94	776.82	769.05	7.77	99.989		
600.00	598.70	663.51	662.26	4.06	4.15	78.45	-596.65	481.59	763.92	755.67	8.25	92.599		
700.00	697.47	846.28	842.47	4.34	4.72	81.34	-575.75	461.11	744.67	735.46	9.22	80.782		
800.00	795.62	928.86	923.23	4.66	5.00	83.31	-563.27	449.20	721.22	711.46	9.76	73.895		
824.00	819.08	946.23	940.28	4.75	5.06	83.76	-560.84	446.94	716.02	706.13	9.89	72.408		
900.00	893.28	1,002.54	995.72	5.02	5.26	84.92	-553.58	440.22	700.93	690.61	10.32	67.920		
1,000.00	990.92	1,081.54	1,073.79	5.40	5.55	86.62	-545.20	431.58	684.18	673.23	10.95	62.460		
1,100.00	1,088.56	1,178.76	1,169.97	5.80	5.92	88.85	-535.93	420.83	669.31	657.60	11.71	57.163		
1,200.00	1,186.19	1,278.80	1,268.82	6.21	6.31	91.26	-525.72	409.31	654.72	642.21	12.51	52.349		
1,300.00	1,283.83	1,370.34	1,359.35	6.64	6.68	93.46	-516.15	399.69	641.45	628.15	13.29	48.250		
1,400.00	1,381.47	1,466.25	1,454.24	7.08	7.07	95.83	-506.25	390.01	629.58	615.46	14.12	44.587		
1,500.00	1,479.10	1,566.58	1,553.47	7.53	7.49	98.37	-495.33	380.01	618.43	603.45	14.98	41.281		
1,600.00	1,576.74	1,662.01	1,647.80	7.99	7.89	100.84	-484.27	370.63	607.87	592.03	15.84	38.382		
1,700.00	1,674.38	1,752.76	1,737.64	8.45	8.28	103.18	-474.33	362.57	599.34	582.66	16.69	35.916		
1,800.00	1,772.02	1,849.87	1,833.80	8.92	8.69	105.77	-463.93	353.83	592.29	574.72	17.57	33.712		
1,900.00	1,869.65	1,950.90	1,933.73	9.39	9.13	108.52	-452.22	344.67	585.66	567.19	18.47	31.703		
2,000.00	1,967.29	2,036.33	2,018.33	9.87	9.50	110.83	-442.81	337.55	581.00	561.68	19.32	30.066		
2,075.97	2,041.47	2,096.74	2,078.31	10.23	9.75	112.45	-437.38	332.84	579.84	559.89	19.95	29.070 CC		
2,100.00	2,064.93	2,115.86	2,097.32	10.35	9.84	112.96	-435.93	331.38	579.95	559.81	20.14	28.794 ES		
2,200.00	2,162.56	2,200.11	2,181.23	10.83	10.19	115.13	-430.73	325.84	582.56	561.59	20.96	27.790		
2,300.00	2,260.20	2,281.83	2,262.76	11.32	10.53	117.13	-427.54	321.32	588.47	566.72	21.75	27.054		
2,400.00	2,357.84	2,364.71	2,345.52	11.80	10.86	119.07	-426.43	317.12	597.84	575.31	22.52	26.544		
2,500.00	2,455.48	2,464.06	2,444.83	12.29	11.26	121.10	-426.65	314.32	609.39	586.00	23.40	26.047		
2,600.00	2,553.11	2,551.53	2,532.26	12.78	11.61	122.85	-426.56	311.65	621.43	597.25	24.18	25.701		
2,700.00	2,650.75	2,641.33	2,622.01	13.27	11.95	124.47	-428.51	309.78	636.10	611.14	24.96	25.482		
2,800.00	2,748.39	2,760.34	2,740.98	13.77	12.41	126.24	-430.72	310.73	650.57	624.61	25.96	25.058		
2,900.00	2,846.02	2,858.76	2,839.39	14.26	12.81	127.81	-429.70	310.01	662.94	636.11	26.83	24.706		
3,000.00	2,943.66	2,941.92	2,922.55	14.76	13.14	129.06	-429.88	309.59	676.93	649.35	27.58	24.544		
3,100.00	3,041.30	3,047.12	3,027.72	15.25	13.55	130.38	-431.73	311.00	692.28	663.80	28.48	24.312		
3,200.00	3,138.94	3,156.24	3,136.83	15.75	13.97	131.69	-431.83	313.03	706.18	676.78	29.40	24.019		
3,300.00	3,236.57	3,252.16	3,232.74	16.25	14.36	132.91	-430.92	313.66	719.81	689.56	30.25	23.796		
3,400.00	3,334.21	3,345.36	3,325.94	16.75	14.75	134.11	-430.21	313.45	734.23	703.14	31.08	23.621		
3,500.00	3,431.85	3,444.62	3,425.19	17.25	15.16	135.36	-429.44	312.89	749.10	717.14	31.96	23.435		
3,600.00	3,529.48	3,540.61	3,521.17	17.75	15.56	136.55	-428.65	311.97	764.40	731.58	32.82	23.290		
3,700.00	3,627.12	3,639.82	3,620.36	18.25	15.98	137.80	-427.31	310.37	779.84	746.14	33.70	23.141		
3,800.00	3,724.76	3,733.31	3,713.85	18.75	16.36	138.78	-427.30	310.45	796.07	761.55	34.52	23.059		
3,900.00	3,822.40	3,843.92	3,824.43	19.25	16.80	139.76	-427.37	312.76	811.78	776.31	35.47	22.888		
4,000.00	3,920.03	3,940.87	3,921.34	19.75	17.19	140.58	-426.51	315.24	826.62	790.31	36.32	22.761		
4,100.00	4,017.67	4,024.38	4,004.83	20.25	17.52	141.24	-426.83	317.10	842.88	805.82	37.07	22.740		
4,200.00	4,115.31	4,107.57	4,087.99	20.76	17.85	141.88	-428.53	318.27	861.10	823.31	37.80	22.782		
4,300.00	4,212.94	4,196.36	4,176.73	21.26	18.20	142.52	-431.44	319.28	880.64	842.08	38.57	22.833		
4,400.00	4,310.58	4,279.74	4,260.04	21.76	18.54	143.15	-434.74	318.95	901.62	862.33	39.29	22.949		
4,500.00	4,408.22	4,377.69	4,357.89	22.27	18.94	144.00	-438.17	316.27	923.50	883.36	40.15	23.003		
4,600.00	4,505.86	4,501.78	4,481.92	22.77	19.45	145.07	-440.36	313.18	944.02	902.77	41.24	22.889		
4,700.00	4,603.49	4,623.40	4,603.53	23.28	19.94	145.97	-440.50	313.27	962.01	919.72	42.29	22.748		
4,800.00	4,701.13	4,730.58	4,710.69	23.78	20.38	146.66	-439.58	315.36	978.35	935.13	43.22	22.636		
4,900.00	4,798.77	4,830.86	4,810.93	24.28	20.80	147.24	-438.81	318.29	994.37	950.27	44.10	22.546		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,000.00	4,896.40	4,914.90	4,894.94	24.79	21.15	147.72	-438.40	320.30	1,011.02	966.15	44.87	22.531		
5,100.00	4,994.04	4,998.36	4,978.40	25.30	21.49	148.26	-438.29	320.47	1,029.24	983.62	45.62	22.560		
5,200.00	5,091.68	5,087.89	5,067.92	25.80	21.86	148.84	-438.92	319.90	1,048.72	1,002.30	46.42	22.594		
5,300.00	5,189.32	5,180.60	5,160.63	26.31	22.25	149.40	-440.03	319.15	1,068.80	1,021.57	47.24	22.627		
5,400.00	5,286.95	5,269.99	5,249.99	26.81	22.61	149.92	-441.59	318.32	1,089.51	1,041.48	48.02	22.687		
5,500.00	5,384.59	5,368.55	5,348.52	27.32	23.03	150.51	-443.29	316.43	1,110.86	1,061.96	48.90	22.718		
5,600.00	5,482.23	5,495.12	5,475.06	27.82	23.56	151.29	-443.42	314.17	1,131.05	1,081.04	50.01	22.615		
5,700.00	5,579.87	5,601.92	5,581.86	28.33	24.01	151.90	-442.16	313.95	1,149.36	1,098.40	50.96	22.555		
5,800.00	5,677.50	5,696.07	5,675.99	28.84	24.42	152.46	-440.44	313.25	1,167.61	1,115.80	51.80	22.539		
5,900.00	5,775.14	5,793.82	5,773.73	29.34	24.83	152.98	-439.42	313.04	1,186.24	1,133.56	52.68	22.519		
6,000.00	5,872.78	5,895.75	5,875.65	29.85	25.26	153.45	-438.59	314.06	1,204.36	1,150.78	53.58	22.478		
6,100.00	5,970.41	5,977.14	5,957.04	30.36	25.60	153.81	-438.52	314.60	1,223.33	1,169.01	54.32	22.522		
6,200.00	6,068.05	6,058.27	6,038.16	30.86	25.93	154.14	-439.57	314.69	1,243.73	1,188.69	55.04	22.597		
6,300.00	6,165.69	6,129.09	6,094.05	31.37	26.31	119.25	-431.01	1,205.34	1,248.74	1,193.51	55.22	22.612		
6,400.00	6,263.33	6,242.09	6,193.42	31.88	26.73	118.54	-430.65	1,218.32	1,193.92	1,135.52	58.40	20.443		
6,500.00	6,360.96	6,247.00	6,193.19	32.38	27.19	118.26	-430.51	1,223.23	1,145.09	1,083.61	61.48	18.626		
6,600.00	6,458.60	6,263.64	6,192.49	32.89	27.60	117.34	-430.10	1,239.85	1,102.99	1,038.35	64.64	17.064		
6,628.42	6,486.35	6,266.74	6,192.37	33.04	27.66	117.17	-430.03	1,242.94	1,092.37	1,026.89	65.48	16.682		
6,650.00	6,507.49	6,268.88	6,192.30	33.14	27.70	120.63	-429.99	1,245.08	1,084.73	1,018.62	66.10	16.410		
6,700.00	6,556.88	6,272.05	6,192.19	33.37	27.83	136.61	-429.92	1,248.25	1,068.41	1,000.95	67.45	15.839		
6,750.00	6,606.60	6,272.57	6,192.17	33.58	27.96	173.86	-429.91	1,248.77	1,054.23	985.57	68.65	15.356		
6,800.00	6,656.35	6,270.30	6,192.25	33.76	28.08	-144.80	-429.96	1,246.50	1,042.37	972.69	69.68	14.960		
6,850.00	6,705.83	6,265.10	6,192.43	33.94	28.23	-124.83	-430.07	1,241.30	1,032.96	962.44	70.51	14.649		
6,900.00	6,754.72	6,256.84	6,192.76	34.12	28.38	-115.52	-430.26	1,233.06	1,026.06	954.90	71.16	14.420		
6,950.00	6,802.72	6,245.14	6,193.28	34.31	28.53	-110.13	-430.56	1,221.37	1,021.68	950.08	71.60	14.270		
7,000.00	6,849.54	6,228.05	6,194.10	34.50	28.69	-106.25	-431.04	1,204.30	1,019.70	947.88	71.82	14.199		
7,018.76	6,866.74	6,220.77	6,194.45	34.58	28.77	-105.00	-431.25	1,197.03	1,019.55	947.70	71.85	14.190 SF		
7,050.00	6,894.89	6,207.61	6,195.11	34.71	28.86	-103.08	-431.64	1,183.91	1,019.96	948.11	71.85	14.196		
7,100.00	6,938.49	6,183.95	6,196.34	34.93	29.00	-100.23	-432.39	1,160.28	1,022.24	950.53	71.71	14.255		
7,150.00	6,980.07	6,157.38	6,197.78	35.17	29.14	-97.56	-433.30	1,133.77	1,026.27	954.85	71.42	14.369		
7,200.00	7,019.38	6,125.81	6,199.54	35.43	29.29	-94.88	-434.45	1,102.27	1,031.74	960.71	71.03	14.525		
7,250.00	7,056.17	6,091.52	6,171.44	35.71	29.42	-92.29	-435.73	1,068.06	1,038.29	967.72	70.56	14.715		
7,300.00	7,090.21	6,053.00	6,143.54	36.03	29.55	-89.75	-437.22	1,029.62	1,045.58	975.56	70.02	14.932		
7,350.00	7,121.30	6,013.32	6,116.11	36.37	29.66	-87.02	-438.85	978.03	1,052.99	983.64	69.35	15.183		
7,400.00	7,149.25	6,051.10	6,178.06	36.75	29.75	-84.63	-439.86	927.86	1,060.03	991.28	68.75	15.418		
7,450.00	7,173.87	6,009.50	6,146.94	37.17	29.80	-82.62	-440.17	886.29	1,066.80	998.48	68.33	15.613		
7,500.00	7,195.03	6,029.76	6,122.75	37.62	29.82	-80.74	-439.99	846.78	1,073.36	1,005.41	67.94	15.798		
7,550.00	7,212.58	6,020.18	6,105.76	38.11	29.82	-78.97	-439.36	807.84	1,079.61	1,011.97	67.64	15.961		
7,600.00	7,226.43	6,011.83	6,105.50	38.64	29.77	-77.34	-438.33	770.64	1,085.48	1,018.10	67.38	16.109		
7,650.00	7,236.48	6,011.15	6,104.15	39.20	29.67	-75.76	-436.77	731.92	1,090.86	1,023.70	67.16	16.242		
7,700.00	7,242.68	6,009.43	6,102.21	39.79	29.54	-74.29	-434.60	693.04	1,095.52	1,028.54	66.98	16.355		
7,753.32	7,245.00	6,003.00	6,101.59	40.44	29.37	-73.28	-432.93	668.89	1,099.76	1,032.58	67.17	16.372		
7,800.00	7,245.08	6,001.00	6,100.42	41.04	29.17	-72.54	-430.93	640.27	1,103.66	1,036.41	67.25	16.410		
7,900.00	7,245.26	6,000.00	6,100.00	42.43	28.82	-70.93	-428.03	587.10	1,116.40	1,048.87	67.53	16.532		
8,000.00	7,245.43	6,004.11	6,105.51	43.97	28.37	-70.22	-427.19	566.70	1,134.06	1,065.49	68.57	16.539		
8,100.00	7,245.61	6,023.97	6,133.90	45.64	27.64	-69.01	-426.11	535.00	1,157.46	1,088.15	69.31	16.700		
8,200.00	7,245.79	6,095.00	6,114.92	47.42	26.97	-68.10	-425.54	513.13	1,186.41	1,116.19	70.21	16.897		
8,300.00	7,245.97	6,141.59	6,177.69	49.30	26.21	-66.33	-424.47	474.86	1,220.22	1,149.58	70.64	17.274		
8,400.00	7,246.14	6,201.00	6,247.71	51.28	25.01	-64.94	-423.41	447.53	1,258.87	1,187.65	71.22	17.676		
8,500.00	7,246.32	6,201.00	6,247.71	53.34	24.01	-64.94	-423.41	447.53	1,303.01	1,230.56	72.45	17.986		
8,600.00	7,246.50	6,200.32	6,246.04	55.46	22.84	-63.51	-422.76	422.03	1,351.18	1,278.30	72.88	18.540		
8,700.00	7,246.67	6,242.12	6,201.30	57.66	22.76	-62.86	-422.81	411.35	1,404.49	1,330.89	73.59	19.085		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,246.85	6,707.00	6,671.95	59.90	28.61	-61.61	-423.48	392.09	1,462.41	1,388.45	73.96	19.774					
8,900.00	7,247.03	6,707.00	6,671.95	62.20	28.61	-61.61	-423.48	392.09	1,523.36	1,448.62	74.75	20.380					
9,000.00	7,247.21	6,707.00	6,671.95	64.55	28.61	-61.61	-423.48	392.09	1,588.28	1,512.88	75.41	21.063					
9,100.00	7,247.38	6,707.00	6,671.95	66.93	28.61	-61.61	-423.48	392.09	1,656.70	1,580.74	75.95	21.812					
9,200.00	7,247.56	6,707.00	6,671.95	69.35	28.61	-61.61	-423.48	392.09	1,728.19	1,651.79	76.40	22.619					
9,300.00	7,247.74	6,665.03	6,635.34	71.80	28.44	-60.12	-425.42	371.67	1,800.10	1,723.67	76.43	23.552					
															9,400.00	7,247.91	6,655.87
9,500.00	7,248.09	6,612.00	6,586.99	76.79	28.23	-58.27	-429.81	350.41	1,954.73	1,878.06	76.67	25.494					
9,600.00	7,248.27	6,612.00	6,586.99	79.33	28.23	-58.27	-429.81	350.41	2,033.39	1,956.44	76.95	26.423					
9,700.00	7,248.45	6,612.00	6,586.99	81.88	28.23	-58.27	-429.81	350.41	2,113.86	2,036.67	77.18	27.387					
9,800.00	7,248.62	6,612.00	6,586.99	84.45	28.23	-58.27	-429.81	350.41	2,195.92	2,118.55	77.37	28.381					
9,900.00	7,248.80	6,612.00	6,586.99	87.04	28.23	-58.27	-429.81	350.41	2,279.43	2,201.90	77.52	29.403					
10,000.00	7,248.98	6,612.00	6,586.99	89.65	28.23	-58.27	-429.81	350.41	2,364.21	2,286.56	77.65	30.448					
10,100.00	7,249.15	6,612.00	6,586.99	92.28	28.23	-58.27	-429.81	350.41	2,450.14	2,372.39	77.74	31.515					
10,200.00	7,249.33	6,612.00	6,586.99	94.91	28.23	-58.27	-429.81	350.41	2,537.10	2,459.28	77.82	32.601					
10,300.00	7,249.51	6,612.00	6,586.99	97.56	28.23	-58.27	-429.81	350.41	2,624.99	2,547.11	77.88	33.704					
10,400.00	7,249.69	6,612.00	6,586.99	100.22	28.23	-58.27	-429.81	350.41	2,713.72	2,635.79	77.93	34.822					
10,500.00	7,249.86	6,612.00	6,586.99	102.89	28.23	-58.27	-429.81	350.41	2,803.21	2,725.24	77.97	35.955					
10,600.00	7,250.04	6,612.00	6,586.99	105.57	28.23	-58.27	-429.81	350.41	2,893.38	2,815.39	77.99	37.099					
10,700.00	7,250.22	6,570.61	6,547.92	108.27	28.06	-56.84	-433.76	337.36	2,982.52	2,904.57	77.94	38.265					
10,800.00	7,250.39	6,566.00	6,543.51	110.96	28.05	-56.69	-434.16	336.09	3,073.50	2,995.54	77.96	39.425					
10,900.00	7,250.57	6,561.65	6,539.33	113.67	28.03	-56.54	-434.53	334.93	3,164.98	3,087.01	77.97	40.594					
11,000.00	7,250.75	6,557.55	6,535.39	116.39	28.01	-56.40	-434.87	333.87	3,256.93	3,178.96	77.97	41.769					
11,100.00	7,250.93	6,518.00	6,496.93	119.11	27.85	-55.04	-437.84	325.19	3,350.56	3,272.66	77.91	43.007					
11,200.00	7,251.10	6,518.00	6,496.93	121.83	27.85	-55.04	-437.84	325.19	3,443.10	3,365.18	77.92	44.186					
11,300.00	7,251.28	6,518.00	6,496.93	124.57	27.85	-55.04	-437.84	325.19	3,536.05	3,458.11	77.94	45.372					
11,400.00	7,251.46	6,518.00	6,496.93	127.31	27.85	-55.04	-437.84	325.19	3,629.37	3,551.43	77.94	46.563					
11,500.00	7,251.63	6,518.00	6,496.93	130.05	27.85	-55.04	-437.84	325.19	3,723.04	3,645.09	77.95	47.761					
11,600.00	7,251.81	6,518.00	6,496.93	132.80	27.85	-55.04	-437.84	325.19	3,817.03	3,739.07	77.96	48.963					
11,700.00	7,251.99	6,518.00	6,496.93	135.55	27.85	-55.04	-437.84	325.19	3,911.32	3,833.36	77.96	50.170					
11,800.00	7,252.17	6,518.00	6,496.93	138.31	27.85	-55.04	-437.84	325.19	4,005.88	3,927.92	77.96	51.381					
11,900.00	7,252.34	6,518.00	6,496.93	141.07	27.85	-55.04	-437.84	325.19	4,100.70	4,022.74	77.97	52.596					
12,000.00	7,252.52	6,518.00	6,496.93	143.84	27.85	-55.04	-437.84	325.19	4,195.77	4,117.80	77.97	53.814					
12,100.00	7,252.70	6,518.00	6,496.93	146.61	27.85	-55.04	-437.84	325.19	4,291.06	4,213.09	77.97	55.035					
12,200.00	7,252.87	6,518.00	6,496.93	149.38	27.85	-55.04	-437.84	325.19	4,386.55	4,308.58	77.97	56.258					
12,300.00	7,253.05	6,518.00	6,496.93	152.16	27.85	-55.04	-437.84	325.19	4,482.25	4,404.27	77.97	57.484					
12,400.00	7,253.23	6,518.00	6,496.93	154.94	27.85	-55.04	-437.84	325.19	4,578.12	4,500.15	77.98	58.712					
12,500.00	7,253.41	6,518.00	6,496.93	157.72	27.85	-55.04	-437.84	325.19	4,674.17	4,596.20	77.98	59.942					
12,600.00	7,253.58	6,518.00	6,496.93	160.51	27.85	-55.04	-437.84	325.19	4,770.39	4,692.41	77.98	61.173					
12,700.00	7,253.76	6,518.00	6,496.93	163.29	27.85	-55.04	-437.84	325.19	4,866.75	4,788.77	77.99	62.405					
12,800.00	7,253.94	6,518.00	6,496.93	166.08	27.85	-55.04	-437.84	325.19	4,963.26	4,885.27	77.99	63.639					
12,900.00	7,254.11	6,518.00	6,496.93	168.88	27.85	-55.04	-437.84	325.19	5,059.91	4,981.91	78.00	64.873					
13,000.00	7,254.29	6,518.00	6,496.93	171.67	27.85	-55.04	-437.84	325.19	5,156.68	5,078.68	78.00	66.108					
13,100.00	7,254.47	6,518.00	6,496.93	174.47	27.85	-55.04	-437.84	325.19	5,253.57	5,175.56	78.01	67.344					
13,200.00	7,254.65	6,518.00	6,496.93	177.27	27.85	-55.04	-437.84	325.19	5,350.58	5,272.56	78.02	68.580					
13,300.00	7,254.82	6,518.00	6,496.93	180.07	27.85	-55.04	-437.84	325.19	5,447.70	5,369.67	78.03	69.816					
13,400.00	7,255.00	6,518.00	6,496.93	182.87	27.85	-55.04	-437.84	325.19	5,544.92	5,466.88	78.04	71.053					
13,500.00	7,255.18	6,518.00	6,496.93	185.67	27.85	-55.04	-437.84	325.19	5,642.23	5,564.18	78.05	72.289					
13,600.00	7,255.35	6,518.00	6,496.93	188.48	27.85	-55.04	-437.84	325.19	5,739.64	5,661.58	78.06	73.525					
13,700.00	7,255.53	6,518.00	6,496.93	191.29	27.85	-55.04	-437.84	325.19	5,837.14	5,759.06	78.08	74.760					
13,800.00	7,255.71	6,518.00	6,496.93	194.10	27.85	-55.04	-437.84	325.19	5,934.72	5,856.62	78.09	75.995					
13,900.00	7,255.89	6,518.00	6,496.93	196.91	27.85	-55.04	-437.84	325.19	6,032.38	5,954.27	78.11	77.230					

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,000.00	7,256.06	6,518.00	6,496.93	199.72	27.85	-55.04	-437.84	325.19	6,130.11	6,051.98	78.13	78.464		
14,100.00	7,256.24	6,518.00	6,496.93	202.53	27.85	-55.04	-437.84	325.19	6,227.92	6,149.77	78.14	79.697		
14,200.00	7,256.42	6,518.00	6,496.93	205.35	27.85	-55.04	-437.84	325.19	6,325.79	6,247.63	78.16	80.929		
14,300.00	7,256.59	6,518.00	6,496.93	208.16	27.85	-55.04	-437.84	325.19	6,423.73	6,345.55	78.19	82.160		
14,400.00	7,256.77	6,477.03	6,456.53	210.98	27.68	-53.66	-440.18	318.77	6,520.58	6,442.38	78.20	83.380		
14,500.00	7,256.95	6,475.61	6,455.13	213.80	27.68	-53.61	-440.25	318.58	6,618.57	6,540.34	78.23	84.608		
14,600.00	7,257.13	6,474.23	6,453.76	216.62	27.67	-53.56	-440.31	318.41	6,716.60	6,638.35	78.25	85.834		
14,700.00	7,257.30	6,472.89	6,452.43	219.44	27.66	-53.52	-440.37	318.24	6,814.70	6,736.42	78.28	87.059		
14,800.00	7,257.48	6,471.59	6,451.14	222.26	27.66	-53.47	-440.43	318.08	6,912.84	6,834.54	78.30	88.283		
14,900.00	7,257.66	6,470.32	6,449.89	225.08	27.65	-53.43	-440.49	317.92	7,011.04	6,932.71	78.33	89.505		
15,000.00	7,257.83	6,469.09	6,448.66	227.91	27.65	-53.39	-440.54	317.77	7,109.28	7,030.92	78.36	90.726		
15,100.00	7,258.01	6,467.89	6,447.47	230.73	27.64	-53.35	-440.59	317.63	7,207.57	7,129.18	78.39	91.945		
15,200.00	7,258.19	6,466.72	6,446.31	233.56	27.64	-53.31	-440.64	317.49	7,305.91	7,227.49	78.42	93.162		
15,300.00	7,258.37	6,425.00	6,404.79	236.38	27.47	-51.93	-441.97	313.76	7,405.41	7,326.98	78.43	94.424		
15,400.00	7,258.54	6,425.00	6,404.79	239.21	27.47	-51.93	-441.97	313.76	7,503.77	7,425.31	78.46	95.636		
15,500.00	7,258.72	6,425.00	6,404.79	242.04	27.47	-51.93	-441.97	313.76	7,602.17	7,523.67	78.50	96.847		
15,600.00	7,258.90	6,425.00	6,404.79	244.87	27.47	-51.93	-441.97	313.76	7,700.61	7,622.08	78.53	98.055		
15,700.00	7,259.08	6,425.00	6,404.79	247.70	27.47	-51.93	-441.97	313.76	7,799.09	7,720.52	78.57	99.262		
15,800.00	7,259.25	6,425.00	6,404.79	250.53	27.47	-51.93	-441.97	313.76	7,897.61	7,819.00	78.61	100.467		
15,900.00	7,259.43	6,425.00	6,404.79	253.36	27.47	-51.93	-441.97	313.76	7,996.17	7,917.52	78.65	101.670		
16,000.00	7,259.61	6,425.00	6,404.79	256.19	27.47	-51.93	-441.97	313.76	8,094.76	8,016.07	78.69	102.871		
16,100.00	7,259.78	6,425.00	6,404.79	259.02	27.47	-51.93	-441.97	313.76	8,193.39	8,114.66	78.73	104.070		
16,200.00	7,259.96	6,425.00	6,404.79	261.85	27.47	-51.93	-441.97	313.76	8,292.04	8,213.27	78.77	105.267		
16,300.00	7,260.14	6,425.00	6,404.79	264.68	27.47	-51.93	-441.97	313.76	8,390.73	8,311.92	78.81	106.462		
16,400.00	7,260.32	6,425.00	6,404.79	267.52	27.47	-51.93	-441.97	313.76	8,489.46	8,410.60	78.86	107.654		
16,500.00	7,260.49	6,425.00	6,404.79	270.35	27.47	-51.93	-441.97	313.76	8,588.21	8,509.30	78.90	108.845		
16,600.00	7,260.67	6,425.00	6,404.79	273.19	27.47	-51.93	-441.97	313.76	8,686.99	8,608.04	78.95	110.033		
16,700.00	7,260.85	6,425.00	6,404.79	276.02	27.47	-51.93	-441.97	313.76	8,785.79	8,706.80	79.00	111.218		
16,800.00	7,261.02	6,425.00	6,404.79	278.86	27.47	-51.93	-441.97	313.76	8,884.63	8,805.58	79.04	112.401		
16,900.00	7,261.20	6,425.00	6,404.79	281.69	27.47	-51.93	-441.97	313.76	8,983.49	8,904.39	79.09	113.582		
17,000.00	7,261.38	6,425.00	6,404.79	284.53	27.47	-51.93	-441.97	313.76	9,082.37	9,003.23	79.14	114.761		
17,100.00	7,261.56	6,425.00	6,404.79	287.37	27.47	-51.93	-441.97	313.76	9,181.28	9,102.09	79.19	115.936		
17,200.00	7,261.73	6,425.00	6,404.79	290.21	27.47	-51.93	-441.97	313.76	9,280.21	9,200.97	79.24	117.110		
17,300.00	7,261.91	6,425.00	6,404.79	293.04	27.47	-51.93	-441.97	313.76	9,379.17	9,299.87	79.30	118.280		
17,400.00	7,262.09	6,425.00	6,404.79	295.88	27.47	-51.93	-441.97	313.76	9,478.14	9,398.79	79.35	119.449		
17,500.00	7,262.26	6,425.00	6,404.79	298.72	27.47	-51.93	-441.97	313.76	9,577.14	9,497.74	79.40	120.614		
17,600.00	7,262.44	6,425.00	6,404.79	301.56	27.47	-51.93	-441.97	313.76	9,676.16	9,596.70	79.46	121.777		
17,700.00	7,262.62	6,425.00	6,404.79	304.40	27.47	-51.93	-441.97	313.76	9,775.20	9,695.69	79.51	122.937		
17,800.00	7,262.80	6,425.00	6,404.79	307.24	27.47	-51.93	-441.97	313.76	9,874.26	9,794.69	79.57	124.095		
17,900.00	7,262.97	6,425.00	6,404.79	310.08	27.47	-51.93	-441.97	313.76	9,973.33	9,893.71	79.63	125.250		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
0.00	0.00	0.00	0.00	3.28	3.28	141.34	-632.79	506.15	810.39					
100.00	100.00	74.92	74.91	3.28	3.28	141.35	-633.38	506.45	811.09	804.52	6.57	123.451		
200.00	200.00	167.89	167.86	3.34	3.31	141.39	-635.63	507.56	813.69	807.04	6.65	122.391		
300.00	299.98	293.55	293.48	3.44	3.42	76.09	-637.73	507.00	814.29	807.43	6.87	118.568		
400.00	399.84	433.46	433.24	3.60	3.64	76.99	-637.35	501.02	810.29	803.02	7.27	111.426		
500.00	499.45	559.19	558.29	3.81	3.92	78.57	-635.17	488.23	800.77	792.99	7.78	102.964		
600.00	598.70	651.77	650.15	4.06	4.15	80.17	-633.50	476.86	789.81	781.57	8.24	95.801		
700.00	697.47	726.40	724.16	4.34	4.36	81.79	-633.99	467.25	780.63	771.92	8.71	89.594		
800.00	795.62	795.00	792.20	4.66	4.57	83.47	-637.18	459.15	775.55	766.32	9.23	84.033		
824.00	819.08	805.61	802.71	4.75	4.61	83.74	-637.93	457.98	774.99	765.64	9.34	82.959		
861.60	855.79	831.59	828.46	4.88	4.69	84.40	-640.00	455.16	774.67	765.11	9.56	81.045 CC, ES		
900.00	893.28	858.04	854.65	5.02	4.78	85.08	-642.45	452.34	775.00	765.22	9.78	79.219		
1,000.00	990.92	934.08	929.82	5.40	5.04	87.05	-650.95	444.75	778.82	768.40	10.42	74.750		
1,100.00	1,088.56	1,012.78	1,007.71	5.80	5.31	88.98	-660.35	438.62	785.77	774.68	11.09	70.860		
1,200.00	1,186.19	1,085.57	1,079.78	6.21	5.57	90.61	-669.99	435.36	796.38	784.63	11.75	67.775		
1,300.00	1,283.83	1,156.06	1,149.46	6.64	5.83	92.05	-680.63	434.46	810.84	798.43	12.41	65.359		
1,400.00	1,381.47	1,238.82	1,231.03	7.08	6.13	93.60	-694.54	435.27	828.47	815.35	13.12	63.164		
1,500.00	1,479.10	1,322.66	1,313.50	7.53	6.45	95.13	-709.62	436.24	848.05	834.21	13.84	61.264		
1,600.00	1,576.74	1,408.72	1,397.92	7.99	6.79	96.69	-726.35	436.68	869.58	854.99	14.59	59.594		
1,700.00	1,674.38	1,496.06	1,483.45	8.45	7.14	98.24	-744.05	436.87	892.57	877.21	15.36	58.120		
1,800.00	1,772.02	1,585.23	1,570.64	8.92	7.52	99.75	-762.74	437.16	916.97	900.82	16.14	56.805		
1,900.00	1,869.65	1,677.63	1,660.94	9.39	7.92	101.23	-782.28	437.65	942.25	925.29	16.96	55.571		
2,000.00	1,967.29	1,764.29	1,745.54	9.87	8.31	102.55	-801.06	438.31	968.65	950.91	17.74	54.605		
2,100.00	2,064.93	1,878.24	1,857.03	10.35	8.82	104.16	-824.60	439.37	994.65	975.94	18.71	53.153		
2,200.00	2,162.56	1,978.73	1,955.56	10.83	9.27	105.50	-844.30	440.42	1,020.19	1,000.59	19.60	52.040		
2,300.00	2,260.20	2,077.43	2,052.47	11.32	9.72	106.82	-863.01	439.96	1,045.43	1,024.94	20.49	51.023		
2,400.00	2,357.84	2,171.81	2,145.12	11.80	10.16	108.01	-880.97	439.79	1,071.26	1,049.90	21.35	50.175		
2,500.00	2,455.48	2,268.94	2,240.56	12.29	10.61	109.15	-899.02	440.35	1,097.11	1,074.88	22.23	49.342		
2,600.00	2,553.11	2,362.75	2,332.70	12.78	11.04	110.27	-916.58	439.43	1,123.43	1,100.34	23.10	48.637		
2,700.00	2,650.75	2,462.45	2,430.68	13.27	11.51	111.40	-935.01	438.56	1,149.94	1,125.93	24.01	47.897		
2,800.00	2,748.39	2,560.19	2,526.83	13.77	11.97	112.44	-952.56	438.08	1,176.30	1,151.40	24.91	47.229		
2,900.00	2,846.02	2,659.47	2,624.53	14.26	12.43	113.42	-970.22	438.18	1,202.83	1,177.01	25.82	46.589		
3,000.00	2,943.66	2,752.25	2,715.88	14.76	12.87	114.35	-986.36	437.06	1,229.33	1,202.64	26.68	46.071		
3,100.00	3,041.30	2,838.19	2,800.40	15.25	13.28	115.27	-1,001.64	434.18	1,256.64	1,229.15	27.50	45.700		
3,200.00	3,138.94	2,926.54	2,887.20	15.75	13.70	116.17	-1,017.91	431.41	1,284.89	1,256.56	28.33	45.353		
3,300.00	3,236.57	3,021.32	2,980.29	16.25	14.15	117.08	-1,035.52	428.65	1,313.61	1,284.39	29.22	44.962		
3,400.00	3,334.21	3,116.58	3,073.89	16.75	14.61	117.93	-1,053.10	426.72	1,342.41	1,312.31	30.11	44.588		
3,500.00	3,431.85	3,210.13	3,165.81	17.25	15.06	118.72	-1,070.44	425.01	1,371.53	1,340.54	30.99	44.264		
3,600.00	3,529.48	3,313.36	3,267.27	17.75	15.56	119.52	-1,089.42	423.83	1,400.67	1,368.73	31.94	43.849		
3,700.00	3,627.12	3,415.36	3,367.66	18.25	16.05	120.24	-1,107.47	423.68	1,429.21	1,396.32	32.89	43.452		
3,800.00	3,724.76	3,513.02	3,463.80	18.75	16.51	120.88	-1,124.60	424.14	1,457.69	1,423.89	33.81	43.120		
3,900.00	3,822.40	3,621.28	3,570.47	19.25	17.03	121.56	-1,143.10	424.92	1,485.88	1,451.07	34.80	42.692		
4,000.00	3,920.03	3,728.94	3,676.74	19.75	17.54	122.24	-1,160.30	424.87	1,513.27	1,477.47	35.79	42.276		
4,100.00	4,017.67	3,794.19	3,741.11	20.25	17.85	122.69	-1,170.88	423.49	1,541.37	1,504.92	36.45	42.285		
4,200.00	4,115.31	3,868.21	3,813.92	20.76	18.20	123.21	-1,183.98	421.11	1,571.26	1,534.09	37.17	42.272		
4,300.00	4,212.94	3,948.46	3,892.72	21.26	18.60	123.75	-1,198.93	418.45	1,602.23	1,564.29	37.94	42.232		
4,400.00	4,310.58	4,031.76	3,974.39	21.76	19.00	124.31	-1,214.97	415.12	1,634.10	1,595.37	38.73	42.189		
4,500.00	4,408.22	4,119.29	4,060.16	22.27	19.44	124.88	-1,232.16	411.77	1,666.49	1,626.92	39.57	42.119		
4,600.00	4,505.86	4,199.77	4,138.90	22.77	19.84	125.37	-1,248.51	408.74	1,699.63	1,659.29	40.33	42.139		
4,700.00	4,603.49	4,311.03	4,247.80	23.28	20.39	126.00	-1,271.04	405.22	1,732.72	1,691.33	41.39	41.865		
4,800.00	4,701.13	4,408.37	4,343.23	23.78	20.87	126.53	-1,290.01	402.58	1,765.13	1,722.82	42.31	41.716		
4,900.00	4,798.77	4,484.46	4,417.71	24.28	21.25	126.89	-1,305.53	401.29	1,798.24	1,755.20	43.04	41.776		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
5,000.00	4,896.40	4,567.33	4,498.65	24.79	21.66	127.24	-1,323.31	400.87	1,832.15	1,788.30	43.84	41.791		
5,100.00	4,994.04	4,671.82	4,600.70	25.30	22.19	127.66	-1,345.74	400.42	1,866.12	1,821.27	44.84	41.615		
5,200.00	5,091.68	4,762.33	4,689.15	25.80	22.64	128.03	-1,364.90	399.45	1,900.04	1,854.33	45.71	41.566		
5,300.00	5,189.32	4,851.76	4,806.13	26.31	23.24	128.51	-1,388.96	397.99	1,933.07	1,886.23	46.85	41.263		
5,400.00	5,286.95	4,942.18	4,904.59	26.81	23.73	128.93	-1,408.62	396.16	1,965.91	1,918.11	47.80	41.124		
5,500.00	5,384.59	5,032.87	5,013.23	27.32	24.28	129.31	-1,429.81	396.26	1,997.85	1,948.99	48.85	40.895		
5,600.00	5,482.23	5,120.39	5,126.66	27.82	24.85	129.66	-1,451.62	397.80	2,029.32	1,979.38	49.94	40.634		
5,700.00	5,579.87	5,208.11	5,280.14	28.33	25.59	130.12	-1,477.74	400.63	2,058.72	2,007.37	51.34	40.096		
5,800.00	5,677.50	5,295.83	5,365.65	28.84	26.00	130.38	-1,499.67	402.12	2,086.57	2,034.39	52.18	39.989		
5,900.00	5,775.14	5,383.55	5,424.45	29.34	26.29	130.57	-1,500.40	402.59	2,115.94	2,063.15	52.79	40.081		
6,000.00	5,872.78	5,471.27	5,499.63	29.85	26.66	130.80	-1,513.65	402.67	2,146.53	2,093.00	53.54	40.093		
6,100.00	5,970.41	5,559.00	5,616.36	30.36	27.23	131.18	-1,533.72	402.21	2,176.91	2,122.27	54.64	39.838		
6,200.00	6,068.05	5,646.64	5,673.97	30.86	27.52	131.36	-1,543.95	402.19	2,207.76	2,152.52	55.24	39.969		
6,300.00	6,165.69	5,734.38	5,733.64	31.37	27.82	131.52	-1,555.71	402.52	2,240.15	2,184.31	55.84	40.117		
6,400.00	6,263.33	5,822.11	5,816.87	31.88	28.24	131.72	-1,573.46	403.15	2,273.85	2,217.19	56.66	40.129		
6,500.00	6,360.96	5,910.00	5,987.47	32.38	29.10	132.15	-1,605.77	404.50	2,305.46	2,247.18	58.28	39.559		
6,600.00	6,458.60	6,000.00	6,039.70	32.89	29.36	132.28	-1,615.44	404.61	2,336.84	2,278.02	58.82	39.725		
6,628.42	6,486.35	6,100.00	6,062.09	33.04	29.47	132.34	-1,619.74	404.64	2,345.99	2,286.94	59.05	39.731		
6,650.00	6,507.49	6,188.12	6,090.69	33.14	29.61	132.37	-1,625.20	404.71	2,352.83	2,293.51	59.32	39.665		
6,700.00	6,556.88	6,274.96	6,176.17	33.37	30.04	132.37	-1,640.51	405.36	2,367.16	2,307.06	60.10	39.390		
6,750.00	6,606.60	6,363.10	6,236.40	33.58	30.33	132.40	-1,650.97	406.69	2,379.81	2,319.18	60.63	39.253		
6,800.00	6,656.35	6,451.56	6,310.60	33.76	30.69	132.40	-1,664.04	410.64	2,390.77	2,329.50	61.26	39.024		
6,850.00	6,705.83	6,540.00	6,445.91	33.94	31.12	132.40	-1,796.27	926.44	2,393.38	2,326.77	66.61	35.931		
6,900.00	6,754.72	6,628.50	6,548.16	34.12	31.18	132.40	-1,796.88	933.57	2,392.09	2,325.04	67.05	35.676		
6,950.00	6,802.72	6,717.14	6,648.64	34.31	31.20	132.40	-1,797.01	935.13	2,391.40	2,323.99	67.41	35.474		
6,980.99	6,831.89	6,800.00	6,944.36	34.43	32.97	132.40	-1,793.25	896.18	2,391.08	2,326.42	64.66	36.979		
7,000.00	6,849.54	7,000.00	6,934.25	34.50	33.00	132.40	-1,793.22	895.91	2,391.12	2,326.17	64.95	36.813		
7,050.00	6,894.89	7,080.00	6,944.07	34.71	34.07	132.40	-1,795.77	920.75	2,391.88	2,323.98	67.90	35.228		
7,100.00	6,938.49	7,150.00	6,934.42	34.93	33.85	132.40	-1,793.22	892.92	2,392.94	2,325.02	67.92	35.231		
7,150.00	6,980.07	7,220.00	6,923.31	35.17	33.66	132.40	-1,790.32	864.19	2,394.42	2,326.51	67.91	35.257		
7,200.00	7,019.38	7,290.00	6,911.61	35.43	33.50	132.40	-1,787.31	836.85	2,396.22	2,328.32	67.91	35.287		
7,250.00	7,056.17	7,370.00	6,905.49	35.71	33.43	132.40	-1,785.79	823.61	2,398.33	2,330.26	68.07	35.231		
7,300.00	7,090.21	7,450.00	6,898.47	36.03	33.37	132.40	-1,784.13	809.32	2,400.72	2,332.48	68.24	35.179		
7,350.00	7,121.30	7,530.00	6,890.59	36.37	33.30	132.40	-1,782.36	794.26	2,403.32	2,334.90	68.42	35.126		
7,400.00	7,149.25	7,610.00	6,881.88	36.75	33.24	132.40	-1,780.51	778.63	2,406.07	2,337.46	68.61	35.067		
7,450.00	7,173.87	7,690.00	6,872.35	37.17	33.18	132.40	-1,778.59	762.63	2,408.91	2,340.08	68.83	34.997		
7,500.00	7,195.03	7,770.00	6,861.56	37.62	33.12	132.40	-1,776.52	745.68	2,411.75	2,342.67	69.09	34.909		
7,550.00	7,212.58	7,850.00	6,849.66	38.11	33.06	132.40	-1,774.35	728.26	2,414.53	2,345.15	69.38	34.801		
7,600.00	7,226.43	7,930.00	6,837.00	38.64	33.00	132.40	-1,772.15	711.02	2,417.17	2,347.46	69.71	34.674		
7,650.00	7,236.48	8,010.00	6,823.62	39.20	32.94	132.40	-1,769.92	694.04	2,419.62	2,349.55	70.07	34.529		
7,700.00	7,242.68	8,090.00	6,731.59	39.79	32.56	132.40	-1,752.32	600.20	2,421.43	2,351.96	69.47	34.854		
7,753.32	7,245.00	8,170.00	6,680.42	40.44	32.34	132.40	-1,740.41	559.06	2,421.55	2,352.03	69.52	34.833		
7,776.63	7,245.04	8,250.00	6,674.17	40.74	32.32	132.40	-1,738.89	554.43	2,421.44	2,351.69	69.76	34.713		
7,800.00	7,245.08	8,330.00	6,662.58	41.04	32.26	132.40	-1,736.10	546.06	2,421.49	2,351.56	69.93	34.627		
7,900.00	7,245.26	8,410.00	6,635.17	42.43	32.15	132.40	-1,729.68	527.34	2,423.78	2,352.72	71.06	34.110		
8,000.00	7,245.43	8,490.00	6,609.91	43.97	32.04	132.40	-1,724.00	511.34	2,429.47	2,357.15	72.32	33.592		
8,100.00	7,245.61	8,570.00	6,596.25	45.64	31.98	132.40	-1,721.02	503.17	2,438.70	2,364.87	73.82	33.036		
8,200.00	7,245.79	8,650.00	6,562.29	47.42	31.83	132.40	-1,713.79	484.34	2,451.30	2,376.17	75.14	32.625		
8,300.00	7,245.97	8,730.00	6,541.24	49.30	31.74	132.40	-1,709.41	473.71	2,467.49	2,390.84	76.65	32.192		
8,400.00	7,246.14	8,810.00	6,514.92	51.28	31.63	132.40	-1,704.04	461.49	2,487.22	2,409.11	78.12	31.839		
8,500.00	7,246.32	8,890.00	6,514.92	53.34	31.63	132.40	-1,704.04	461.49	2,510.46	2,430.56	79.90	31.419		
8,600.00	7,246.50	8,970.00	6,487.42	55.46	31.51	132.40	-1,698.48	450.06	2,537.05	2,455.72	81.34	31.192		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
8,700.00	7,246.67	6,580.74	6,472.74	57.66	31.44	-71.77	-1,695.50	444.56	2,567.09	2,484.20	82.89	30.969		
8,800.00	7,246.85	6,566.68	6,459.70	59.90	31.39	-71.46	-1,692.85	440.01	2,600.43	2,516.01	84.42	30.803		
8,900.00	7,247.03	6,553.00	6,428.13	62.20	31.25	-70.71	-1,686.40	430.24	2,637.20	2,551.53	85.68	30.781		
9,000.00	7,247.21	6,533.00	6,428.13	64.55	31.25	-70.71	-1,686.40	430.24	2,676.71	2,589.46	87.25	30.680		
9,100.00	7,247.38	6,533.00	6,428.13	66.93	31.25	-70.71	-1,686.40	430.24	2,719.31	2,630.57	88.75	30.641 SF		
9,200.00	7,247.56	6,533.00	6,428.13	69.35	31.25	-70.71	-1,686.40	430.24	2,764.88	2,674.71	90.17	30.662		
9,300.00	7,247.74	6,533.00	6,428.13	71.80	31.25	-70.71	-1,686.40	430.24	2,813.27	2,721.75	91.52	30.739		
9,400.00	7,247.91	6,533.00	6,428.13	74.29	31.25	-70.71	-1,686.40	430.24	2,864.34	2,771.54	92.79	30.867		
9,500.00	7,248.09	6,533.00	6,428.13	76.79	31.25	-70.71	-1,686.40	430.24	2,917.93	2,823.94	93.99	31.044		
9,600.00	7,248.27	6,533.00	6,428.13	79.33	31.25	-70.71	-1,686.40	430.24	2,973.93	2,878.81	95.12	31.267		
9,700.00	7,248.45	6,533.00	6,428.13	81.88	31.25	-70.71	-1,686.40	430.24	3,032.19	2,936.02	96.17	31.531		
9,800.00	7,248.62	6,496.39	6,393.23	84.45	31.08	-69.89	-1,679.42	421.70	3,091.49	2,994.71	96.79	31.941		
9,900.00	7,248.80	6,492.57	6,389.55	87.04	31.06	-69.80	-1,678.70	420.94	3,153.64	3,055.97	97.67	32.288		
10,000.00	7,248.98	6,489.01	6,386.12	89.65	31.05	-69.72	-1,678.04	420.26	3,217.68	3,119.18	98.50	32.668		
10,100.00	7,249.15	6,485.67	6,382.90	92.28	31.03	-69.64	-1,677.41	419.64	3,283.50	3,184.23	99.27	33.077		
10,200.00	7,249.33	6,482.53	6,379.87	94.91	31.02	-69.57	-1,676.83	419.08	3,350.98	3,251.00	99.98	33.516		
10,300.00	7,249.51	6,479.59	6,377.02	97.56	31.01	-69.50	-1,676.28	418.57	3,420.05	3,319.40	100.65	33.980		
10,400.00	7,249.69	6,440.00	6,338.47	100.22	30.83	-68.60	-1,669.08	413.20	3,491.79	3,390.89	100.89	34.608		
10,500.00	7,249.86	6,440.00	6,338.47	102.89	30.83	-68.60	-1,669.08	413.20	3,563.58	3,462.08	101.50	35.109		
10,600.00	7,250.04	6,440.00	6,338.47	105.57	30.83	-68.60	-1,669.08	413.20	3,636.71	3,534.65	102.06	35.632		
10,700.00	7,250.22	6,440.00	6,338.47	108.27	30.83	-68.60	-1,669.08	413.20	3,711.09	3,608.51	102.58	36.176		
10,800.00	7,250.39	6,440.00	6,338.47	110.96	30.83	-68.60	-1,669.08	413.20	3,786.65	3,683.58	103.07	36.739		
10,900.00	7,250.57	6,440.00	6,338.47	113.67	30.83	-68.60	-1,669.08	413.20	3,863.32	3,759.80	103.52	37.320		
11,000.00	7,250.75	6,440.00	6,338.47	116.39	30.83	-68.60	-1,669.08	413.20	3,941.04	3,837.10	103.94	37.917		
11,100.00	7,250.93	6,440.00	6,338.47	119.11	30.83	-68.60	-1,669.08	413.20	4,019.74	3,915.42	104.33	38.531		
11,200.00	7,251.10	6,440.00	6,338.47	121.83	30.83	-68.60	-1,669.08	413.20	4,099.38	3,994.69	104.69	39.159		
11,300.00	7,251.28	6,440.00	6,338.47	124.57	30.83	-68.60	-1,669.08	413.20	4,179.88	4,074.86	105.02	39.800		
11,400.00	7,251.46	6,440.00	6,338.47	127.31	30.83	-68.60	-1,669.08	413.20	4,261.21	4,155.88	105.33	40.455		
11,500.00	7,251.63	6,440.00	6,338.47	130.05	30.83	-68.60	-1,669.08	413.20	4,343.33	4,237.70	105.62	41.121		
11,600.00	7,251.81	6,440.00	6,338.47	132.80	30.83	-68.60	-1,669.08	413.20	4,426.17	4,320.28	105.89	41.799		
11,700.00	7,251.99	6,440.00	6,338.47	135.55	30.83	-68.60	-1,669.08	413.20	4,509.72	4,403.58	106.14	42.487		
11,800.00	7,252.17	6,440.00	6,338.47	138.31	30.83	-68.60	-1,669.08	413.20	4,593.92	4,487.54	106.38	43.185		
11,900.00	7,252.34	6,440.00	6,338.47	141.07	30.83	-68.60	-1,669.08	413.20	4,678.74	4,572.15	106.60	43.892		
12,000.00	7,252.52	6,440.00	6,338.47	143.84	30.83	-68.60	-1,669.08	413.20	4,764.15	4,657.36	106.80	44.608		
12,100.00	7,252.70	6,440.00	6,338.47	146.61	30.83	-68.60	-1,669.08	413.20	4,850.12	4,743.13	106.99	45.333		
12,200.00	7,252.87	6,440.00	6,338.47	149.38	30.83	-68.60	-1,669.08	413.20	4,936.62	4,829.46	107.17	46.065		
12,300.00	7,253.05	6,440.00	6,338.47	152.16	30.83	-68.60	-1,669.08	413.20	5,023.62	4,916.29	107.33	46.804		
12,400.00	7,253.23	6,440.00	6,338.47	154.94	30.83	-68.60	-1,669.08	413.20	5,111.10	5,003.61	107.49	47.550		
12,500.00	7,253.41	6,440.00	6,338.47	157.72	30.83	-68.60	-1,669.08	413.20	5,199.02	5,091.39	107.64	48.302		
12,600.00	7,253.58	6,440.00	6,338.47	160.51	30.83	-68.60	-1,669.08	413.20	5,287.38	5,179.61	107.77	49.060		
12,700.00	7,253.76	6,440.00	6,338.47	163.29	30.83	-68.60	-1,669.08	413.20	5,376.14	5,268.24	107.90	49.824		
12,800.00	7,253.94	6,440.00	6,338.47	166.08	30.83	-68.60	-1,669.08	413.20	5,465.30	5,357.27	108.02	50.594		
12,900.00	7,254.11	6,440.00	6,338.47	168.88	30.83	-68.60	-1,669.08	413.20	5,554.82	5,446.68	108.14	51.368		
13,000.00	7,254.29	6,440.00	6,338.47	171.67	30.83	-68.60	-1,669.08	413.20	5,644.69	5,536.45	108.24	52.148		
13,100.00	7,254.47	6,440.00	6,338.47	174.47	30.83	-68.60	-1,669.08	413.20	5,734.90	5,626.55	108.35	52.931		
13,200.00	7,254.65	6,440.00	6,338.47	177.27	30.83	-68.60	-1,669.08	413.20	5,825.43	5,716.99	108.44	53.719		
13,300.00	7,254.82	6,440.00	6,338.47	180.07	30.83	-68.60	-1,669.08	413.20	5,916.26	5,807.73	108.53	54.512		
13,400.00	7,255.00	6,440.00	6,338.47	182.87	30.83	-68.60	-1,669.08	413.20	6,007.39	5,898.77	108.62	55.307		
13,500.00	7,255.18	6,440.00	6,338.47	185.67	30.83	-68.60	-1,669.08	413.20	6,098.79	5,990.09	108.70	56.107		
13,600.00	7,255.35	6,440.00	6,338.47	188.48	30.83	-68.60	-1,669.08	413.20	6,190.46	6,081.68	108.78	56.909		
13,700.00	7,255.53	6,440.00	6,338.47	191.29	30.83	-68.60	-1,669.08	413.20	6,282.38	6,173.53	108.85	57.715		
13,800.00	7,255.71	6,440.00	6,338.47	194.10	30.83	-68.60	-1,669.08	413.20	6,374.55	6,265.62	108.92	58.524		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
13,900.00	7,255.89	6,440.00	6,338.47	196.91	30.83	-68.60	-1,669.08	413.20	6,466.94	6,357.96	108.99	59.336		
14,000.00	7,256.06	6,440.00	6,338.47	199.72	30.83	-68.60	-1,669.08	413.20	6,559.57	6,450.51	109.05	60.150		
14,100.00	7,256.24	6,440.00	6,338.47	202.53	30.83	-68.60	-1,669.08	413.20	6,652.40	6,543.29	109.11	60.967		
14,200.00	7,256.42	6,440.00	6,338.47	205.35	30.83	-68.60	-1,669.08	413.20	6,745.44	6,636.27	109.17	61.786		
14,300.00	7,256.59	6,440.00	6,338.47	208.16	30.83	-68.60	-1,669.08	413.20	6,838.68	6,729.45	109.23	62.608		
14,400.00	7,256.77	6,440.00	6,338.47	210.98	30.83	-68.60	-1,669.08	413.20	6,932.10	6,822.82	109.28	63.431		
14,500.00	7,256.95	6,440.00	6,338.47	213.80	30.83	-68.60	-1,669.08	413.20	7,025.71	6,916.37	109.34	64.257		
14,600.00	7,257.13	6,440.00	6,338.47	216.62	30.83	-68.60	-1,669.08	413.20	7,119.49	7,010.10	109.39	65.084		
14,700.00	7,257.30	6,440.00	6,338.47	219.44	30.83	-68.60	-1,669.08	413.20	7,213.44	7,104.00	109.44	65.913		
14,800.00	7,257.48	6,440.00	6,338.47	222.26	30.83	-68.60	-1,669.08	413.20	7,307.54	7,198.06	109.49	66.744		
14,900.00	7,257.66	6,440.00	6,338.47	225.08	30.83	-68.60	-1,669.08	413.20	7,401.81	7,292.27	109.53	67.576		
15,000.00	7,257.83	6,440.00	6,338.47	227.91	30.83	-68.60	-1,669.08	413.20	7,496.22	7,386.64	109.58	68.410		
15,100.00	7,258.01	6,440.00	6,338.47	230.73	30.83	-68.60	-1,669.08	413.20	7,590.77	7,481.15	109.62	69.245		
15,200.00	7,258.19	6,440.00	6,338.47	233.56	30.83	-68.60	-1,669.08	413.20	7,685.46	7,575.80	109.67	70.081		
15,300.00	7,258.37	6,400.88	6,300.12	236.38	30.64	-67.71	-1,662.16	409.84	7,779.64	7,670.23	109.41	71.105		
15,400.00	7,258.54	6,399.82	6,299.08	239.21	30.64	-67.69	-1,661.98	409.76	7,874.56	7,765.12	109.44	71.950		
15,500.00	7,258.72	6,398.79	6,298.07	242.04	30.63	-67.67	-1,661.80	409.69	7,969.60	7,860.12	109.48	72.796		
15,600.00	7,258.90	6,397.78	6,297.07	244.87	30.63	-67.64	-1,661.62	409.62	8,064.76	7,955.25	109.51	73.643		
15,700.00	7,259.08	6,396.79	6,296.10	247.70	30.62	-67.62	-1,661.44	409.55	8,160.04	8,050.49	109.54	74.491		
15,800.00	7,259.25	6,395.82	6,295.15	250.53	30.62	-67.60	-1,661.27	409.48	8,255.42	8,145.85	109.58	75.339		
15,900.00	7,259.43	6,394.87	6,294.21	253.36	30.61	-67.58	-1,661.11	409.42	8,350.92	8,241.31	109.61	76.189		
16,000.00	7,259.61	6,393.94	6,293.30	256.19	30.61	-67.56	-1,660.95	409.36	8,446.52	8,336.88	109.64	77.038		
16,100.00	7,259.78	6,393.03	6,292.40	259.02	30.60	-67.53	-1,660.79	409.30	8,542.21	8,432.54	109.67	77.889		
16,200.00	7,259.96	6,392.13	6,291.53	261.85	30.60	-67.51	-1,660.63	409.24	8,638.01	8,528.30	109.70	78.739		
16,300.00	7,260.14	6,391.26	6,290.67	264.68	30.59	-67.49	-1,660.48	409.18	8,733.90	8,624.16	109.74	79.591		
16,400.00	7,260.32	6,390.40	6,289.82	267.52	30.59	-67.48	-1,660.33	409.12	8,829.87	8,720.11	109.77	80.442		
16,500.00	7,260.49	6,389.56	6,289.00	270.35	30.59	-67.46	-1,660.18	409.07	8,925.94	8,816.14	109.80	81.294		
16,600.00	7,260.67	6,388.73	6,288.19	273.19	30.58	-67.44	-1,660.04	409.02	9,022.09	8,912.26	109.83	82.147		
16,700.00	7,260.85	6,387.92	6,287.39	276.02	30.58	-67.42	-1,659.90	408.97	9,118.32	9,008.46	109.86	82.999		
16,800.00	7,261.02	6,387.13	6,286.61	278.86	30.58	-67.40	-1,659.76	408.92	9,214.64	9,104.74	109.89	83.852		
16,900.00	7,261.20	6,386.35	6,285.84	281.69	30.57	-67.38	-1,659.62	408.87	9,311.03	9,201.10	109.92	84.704		
17,000.00	7,261.38	6,385.58	6,285.09	284.53	30.57	-67.37	-1,659.49	408.82	9,407.49	9,297.54	109.96	85.557		
17,100.00	7,261.56	6,345.00	6,245.16	287.37	30.37	-66.45	-1,652.49	406.95	9,504.69	9,395.00	109.69	86.650		
17,200.00	7,261.73	6,345.00	6,245.16	290.21	30.37	-66.45	-1,652.49	406.95	9,601.27	9,491.54	109.73	87.500		
17,300.00	7,261.91	6,345.00	6,245.16	293.04	30.37	-66.45	-1,652.49	406.95	9,697.92	9,588.16	109.77	88.350		
17,400.00	7,262.09	6,345.00	6,245.16	295.88	30.37	-66.45	-1,652.49	406.95	9,794.64	9,684.84	109.81	89.200		
17,500.00	7,262.26	6,345.00	6,245.16	298.72	30.37	-66.45	-1,652.49	406.95	9,891.43	9,781.58	109.84	90.050		
17,600.00	7,262.44	6,345.00	6,245.16	301.56	30.37	-66.45	-1,652.49	406.95	9,988.28	9,878.39	109.88	90.899		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	146.82	-772.68	505.32	923.31					
100.00	100.00	95.72	95.72	3.28	3.29	146.82	-772.39	505.13	922.92	916.35	6.57	140.439		
200.00	200.00	203.27	203.26	3.34	3.31	146.82	-771.36	504.46	921.78	915.13	6.65	138.648		
300.00	299.98	314.84	314.81	3.44	3.39	81.40	-769.17	503.55	919.44	912.61	6.83	134.566		
400.00	399.84	434.80	434.64	3.60	3.55	81.70	-763.73	503.45	914.83	907.66	7.17	127.643		
500.00	499.45	535.83	535.50	3.81	3.75	82.22	-758.05	502.76	908.49	900.93	7.56	120.140		
600.00	598.70	611.92	611.53	4.06	3.92	82.89	-755.44	501.48	903.05	895.08	7.97	113.365		
700.00	697.47	691.12	690.70	4.34	4.11	83.85	-755.28	499.39	899.66	891.21	8.44	106.573		
795.57	791.29	764.69	764.15	4.65	4.31	85.01	-757.70	496.11	898.47	889.53	8.94	100.456 CC		
800.00	795.62	768.03	767.48	4.66	4.32	85.07	-757.88	495.92	898.48	889.51	8.97	100.187		
824.00	819.08	786.00	785.39	4.75	4.37	85.40	-758.93	494.83	898.59	889.49	9.10	98.743 ES		
900.00	893.28	848.44	847.47	5.02	4.55	86.64	-763.74	490.26	900.01	890.46	9.55	94.206		
1,000.00	990.92	934.10	932.33	5.40	4.81	88.50	-772.05	482.07	903.68	893.48	10.20	88.605		
1,100.00	1,088.56	1,015.59	1,012.60	5.80	5.08	90.41	-781.98	472.15	909.82	898.96	10.87	83.715		
1,200.00	1,186.19	1,098.77	1,094.21	6.21	5.37	92.43	-793.52	460.98	918.54	906.96	11.57	79.372		
1,300.00	1,283.83	1,182.00	1,175.68	6.64	5.69	94.46	-806.04	449.40	929.72	917.42	12.30	75.588		
1,400.00	1,381.47	1,266.67	1,258.36	7.08	6.02	96.51	-819.60	437.22	943.26	930.22	13.05	72.293		
1,500.00	1,479.10	1,361.74	1,351.02	7.53	6.41	98.81	-835.25	422.77	958.63	944.77	13.86	69.161		
1,600.00	1,576.74	1,460.22	1,446.97	7.99	6.84	101.16	-850.88	407.08	974.92	960.22	14.71	66.292		
1,700.00	1,674.38	1,570.38	1,554.61	8.45	7.32	103.66	-866.84	389.89	991.56	975.94	15.62	63.462		
1,800.00	1,772.02	1,676.57	1,658.93	8.92	7.79	105.87	-880.11	375.25	1,007.97	991.44	16.53	60.980		
1,900.00	1,869.65	1,771.22	1,752.37	9.39	8.19	107.63	-891.00	364.86	1,024.86	1,007.49	17.37	59.007		
2,000.00	1,967.29	1,869.97	1,850.29	9.87	8.62	109.20	-901.70	357.99	1,042.29	1,024.06	18.23	57.159		
2,100.00	2,064.93	1,988.17	1,967.72	10.35	9.11	110.91	-913.57	351.55	1,059.89	1,040.69	19.20	55.211		
2,200.00	2,162.56	2,107.75	2,086.75	10.83	9.62	112.65	-921.41	343.38	1,074.46	1,054.29	20.17	53.264		
2,300.00	2,260.20	2,203.30	2,181.95	11.32	10.02	113.97	-927.23	337.59	1,089.38	1,068.35	21.03	51.804		
2,400.00	2,357.84	2,296.98	2,275.33	11.80	10.42	115.18	-933.01	332.92	1,104.93	1,083.05	21.88	50.509		
2,500.00	2,455.48	2,441.92	2,420.01	12.29	11.03	116.93	-938.82	327.02	1,118.80	1,095.82	22.98	48.694		
2,600.00	2,553.11	2,536.83	2,514.86	12.78	11.42	118.00	-940.88	324.32	1,131.34	1,107.50	23.83	47.469		
2,700.00	2,650.75	2,637.82	2,615.79	13.27	11.84	119.10	-942.99	321.59	1,144.19	1,119.47	24.72	46.286		
2,800.00	2,748.39	2,738.71	2,716.63	13.77	12.26	120.18	-944.57	318.77	1,156.94	1,131.33	25.61	45.178		
2,900.00	2,846.02	2,850.17	2,828.04	14.26	12.72	121.35	-945.88	315.64	1,169.76	1,143.21	26.55	44.065		
3,000.00	2,943.66	2,955.59	2,933.45	14.76	13.15	122.36	-945.69	314.39	1,181.33	1,153.88	27.45	43.031		
3,100.00	3,041.30	3,048.53	3,026.39	15.25	13.53	123.24	-945.60	313.22	1,193.34	1,165.04	28.31	42.159		
3,200.00	3,138.94	3,145.52	3,123.36	15.75	13.93	124.14	-945.75	311.74	1,205.94	1,176.76	29.18	41.328		
3,300.00	3,236.57	3,242.02	3,219.86	16.25	14.33	125.02	-945.87	310.34	1,218.81	1,188.76	30.05	40.557		
3,400.00	3,334.21	3,341.37	3,319.20	16.75	14.75	125.92	-945.99	308.81	1,231.98	1,201.04	30.94	39.820		
3,500.00	3,431.85	3,447.74	3,425.55	17.25	15.19	126.85	-945.66	307.36	1,245.00	1,213.14	31.86	39.080		
3,600.00	3,529.48	3,551.20	3,529.00	17.75	15.61	127.74	-944.71	306.06	1,257.68	1,224.92	32.76	38.393		
3,700.00	3,627.12	3,647.20	3,624.98	18.25	16.00	128.54	-943.70	305.00	1,270.47	1,236.85	33.62	37.785		
3,800.00	3,724.76	3,741.44	3,719.22	18.75	16.39	129.32	-942.84	303.86	1,283.68	1,249.20	34.48	37.228		
3,900.00	3,822.40	3,838.30	3,816.07	19.25	16.79	130.07	-942.38	303.30	1,297.37	1,262.02	35.35	36.701		
4,000.00	3,920.03	3,947.11	3,924.86	19.75	17.21	130.78	-941.89	305.30	1,310.61	1,274.34	36.26	36.141		
4,100.00	4,017.67	4,040.65	4,018.38	20.25	17.57	131.37	-941.53	307.36	1,323.98	1,286.88	37.10	35.688		
4,200.00	4,115.31	4,134.08	4,111.79	20.76	17.94	131.96	-941.29	309.00	1,337.75	1,299.81	37.93	35.265		
4,300.00	4,212.94	4,223.56	4,201.26	21.26	18.29	132.52	-941.55	310.37	1,352.25	1,313.50	38.75	34.896		
4,400.00	4,310.58	4,317.03	4,294.73	21.76	18.66	133.11	-942.05	311.31	1,367.30	1,327.71	39.59	34.536		
4,500.00	4,408.22	4,407.14	4,384.83	22.27	19.02	133.67	-942.87	311.92	1,382.97	1,342.55	40.42	34.218		
4,600.00	4,505.86	4,498.85	4,476.52	22.77	19.39	134.23	-944.15	312.39	1,399.28	1,358.03	41.25	33.920		
4,700.00	4,603.49	4,595.91	4,573.57	23.28	19.80	134.81	-945.66	312.71	1,415.95	1,373.83	42.12	33.615		
4,800.00	4,701.13	4,692.03	4,669.68	23.78	20.19	135.38	-947.08	312.99	1,432.71	1,389.72	42.99	33.328		
4,900.00	4,798.77	4,773.70	4,751.33	24.28	20.53	135.83	-949.01	313.41	1,450.32	1,406.55	43.77	33.139		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,896.40	4,865.94	4,843.53	24.79	20.92	136.35	-951.65	313.32	1,468.74	1,424.13	44.61	32.925		
5,100.00	4,994.04	4,966.90	4,944.45	25.30	21.36	136.95	-954.12	312.07	1,487.35	1,441.84	45.51	32.680		
5,200.00	5,091.68	5,070.46	5,047.98	25.80	21.80	137.57	-956.03	310.36	1,505.74	1,459.31	46.44	32.427		
5,300.00	5,189.32	5,168.16	5,145.65	26.31	22.31	138.26	-957.71	308.65	1,523.92	1,476.47	47.44	32.121		
5,400.00	5,286.95	5,325.39	5,302.86	26.81	22.88	139.07	-955.91	307.37	1,539.38	1,490.85	48.54	31.714		
5,500.00	5,384.59	5,426.81	5,404.24	27.32	23.30	139.70	-953.13	306.02	1,554.05	1,504.62	49.43	31.440		
5,600.00	5,482.23	5,510.43	5,487.81	27.82	23.64	140.22	-950.89	304.36	1,569.23	1,519.01	50.23	31.244		
5,700.00	5,579.87	5,585.59	5,562.93	28.33	23.96	140.68	-949.60	302.45	1,585.68	1,534.71	50.97	31.110		
5,800.00	5,677.50	5,664.76	5,642.09	28.84	24.30	141.12	-949.75	300.94	1,603.63	1,551.90	51.73	30.998		
5,900.00	5,775.14	5,754.98	5,732.29	29.34	24.69	141.58	-951.07	299.81	1,622.51	1,569.94	52.57	30.866		
6,000.00	5,872.78	5,890.21	5,867.51	29.85	25.27	142.24	-952.28	298.58	1,641.03	1,587.34	53.69	30.567		
6,100.00	5,970.41	5,988.05	5,965.33	30.36	25.68	142.75	-951.03	297.36	1,657.81	1,603.24	54.56	30.383		
6,200.00	6,068.05	6,080.52	6,057.79	30.86	26.07	143.21	-950.38	296.57	1,675.01	1,619.60	55.41	30.230		
6,300.00	6,165.69	6,178.37	6,155.64	31.37	26.48	143.67	-949.99	295.94	1,692.48	1,636.19	56.29	30.067		
6,400.00	6,263.33	6,278.85	6,256.12	31.88	26.91	144.13	-949.47	295.33	1,709.95	1,652.76	57.19	29.901		
6,500.00	6,360.96	7,744.35	7,146.28	32.38	27.41	120.30	-946.46	1,162.74	1,682.42	1,619.96	62.46	26.936		
6,600.00	6,458.60	7,762.00	7,146.48	32.89	27.70	119.66	-946.56	1,180.39	1,646.75	1,582.02	64.74	25.437		
6,628.42	6,486.35	7,767.24	7,146.57	33.04	27.79	119.48	-946.58	1,185.64	1,637.55	1,572.17	65.37	25.049		
6,650.00	6,507.49	7,770.98	7,146.64	33.14	27.85	123.02	-946.60	1,189.38	1,630.82	1,564.97	65.84	24.768		
6,700.00	6,556.88	7,777.39	7,146.77	33.37	27.95	139.11	-946.62	1,195.78	1,616.03	1,549.16	66.87	24.168		
6,750.00	6,606.60	7,780.48	7,146.83	33.58	28.00	176.34	-946.63	1,198.87	1,602.51	1,534.72	67.78	23.641		
6,800.00	6,656.35	7,780.02	7,146.82	33.76	28.00	-142.46	-946.63	1,198.41	1,590.40	1,521.81	68.59	23.187		
6,850.00	6,705.83	7,775.82	7,146.73	33.94	27.93	-122.74	-946.61	1,194.21	1,579.79	1,510.51	69.28	22.803		
6,900.00	6,754.72	7,767.67	7,146.58	34.12	27.79	-113.78	-946.58	1,186.06	1,570.77	1,500.92	69.85	22.488		
6,950.00	6,802.72	7,755.40	7,146.39	34.31	27.59	-108.86	-946.53	1,173.79	1,563.33	1,493.04	70.30	22.240		
7,000.00	6,849.54	7,738.84	7,146.24	34.50	27.32	-105.64	-946.43	1,157.23	1,557.47	1,486.86	70.61	22.057		
7,050.00	6,894.89	7,717.86	7,146.21	34.71	26.98	-103.21	-946.27	1,136.26	1,553.10	1,482.30	70.80	21.936		
7,100.00	6,938.49	7,693.08	7,146.39	34.93	26.59	-101.17	-946.03	1,111.48	1,550.10	1,479.22	70.88	21.868		
7,150.00	6,980.07	7,666.57	7,146.47	35.17	26.19	-99.40	-945.80	1,084.97	1,548.36	1,477.43	70.92	21.831		
7,200.00	7,019.38	7,637.73	7,146.30	35.43	25.77	-97.76	-945.61	1,056.13	1,547.73	1,476.84	70.90	21.831		
7,205.64	7,023.66	7,634.34	7,146.26	35.46	25.72	-97.58	-945.59	1,052.74	1,547.73	1,476.84	70.89	21.832		
7,250.00	7,056.17	7,607.20	7,145.82	35.71	25.31	-96.22	-945.47	1,025.60	1,548.09	1,477.27	70.82	21.860		
7,300.00	7,090.21	7,556.53	7,143.81	36.03	24.64	-94.27	-945.10	974.98	1,549.06	1,478.58	70.48	21.978		
7,350.00	7,121.30	7,507.78	7,140.03	36.37	23.99	-92.51	-944.37	926.39	1,550.30	1,480.13	70.17	22.093		
7,400.00	7,149.25	7,476.00	7,136.69	36.75	23.62	-91.27	-943.86	894.79	1,551.94	1,481.77	70.17	22.118		
7,450.00	7,173.87	7,443.20	7,132.63	37.17	23.23	-90.09	-943.49	862.24	1,554.04	1,483.87	70.17	22.148		
7,500.00	7,195.03	7,406.21	7,127.22	37.62	22.81	-88.92	-943.24	825.65	1,556.46	1,486.31	70.15	22.188		
7,550.00	7,212.58	7,357.12	7,116.67	38.11	22.32	-87.56	-942.67	777.73	1,558.81	1,488.76	70.05	22.252		
7,600.00	7,226.43	7,322.00	7,106.36	38.64	21.97	-86.53	-942.01	744.17	1,560.99	1,490.84	70.15	22.252		
7,650.00	7,236.48	7,290.61	7,095.39	39.20	21.70	-85.62	-941.46	714.77	1,563.28	1,492.90	70.38	22.212		
7,700.00	7,242.68	7,265.33	7,085.49	39.79	21.49	-84.88	-941.25	691.51	1,565.83	1,495.12	70.71	22.145		
7,753.32	7,245.00	7,227.00	7,068.72	40.44	21.17	-83.95	-941.29	657.05	1,568.82	1,497.87	70.95	22.112		
7,800.00	7,245.08	7,227.00	7,068.72	41.04	21.17	-83.95	-941.29	657.05	1,571.83	1,500.24	71.59	21.957		
7,900.00	7,245.26	7,171.21	7,040.50	42.43	20.80	-82.93	-942.22	608.96	1,580.97	1,508.53	72.44	21.824		
8,000.00	7,245.43	7,129.01	7,016.21	43.97	20.52	-82.05	-943.62	574.49	1,594.18	1,520.68	73.50	21.690		
8,100.00	7,245.61	7,046.98	6,963.46	45.64	20.07	-80.17	-945.69	511.75	1,610.38	1,536.14	74.23	21.693		
8,200.00	7,245.79	6,994.34	6,926.21	47.42	19.83	-78.85	-946.03	474.58	1,629.48	1,554.18	75.29	21.642		
8,300.00	7,245.97	6,941.00	6,885.60	49.30	19.59	-77.43	-945.98	440.02	1,652.57	1,576.25	76.31	21.655		
8,400.00	7,246.14	6,941.00	6,885.60	51.28	19.59	-77.43	-945.98	440.02	1,680.05	1,602.18	77.87	21.575 SF		
8,500.00	7,246.32	6,899.96	6,852.40	53.34	19.43	-76.27	-945.97	415.90	1,711.67	1,632.73	78.94	21.683		
8,600.00	7,246.50	6,879.67	6,835.35	55.46	19.35	-75.68	-946.09	404.92	1,747.99	1,667.85	80.14	21.813		
8,700.00	7,246.67	6,846.00	6,806.19	57.66	19.21	-74.69	-946.49	388.09	1,788.80	1,707.69	81.11	22.054		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,800.00	7,246.85	6,846.00	6,806.19	59.90	29.21	-74.69	-946.49	388.09	1,833.32	1,751.00	82.32	22.271		
8,900.00	7,247.03	6,821.33	6,784.36	62.20	29.12	-73.95	-946.91	376.59	1,881.77	1,798.58	83.20	22.618		
9,000.00	7,247.21	6,799.15	6,764.58	64.55	29.03	-73.29	-947.39	366.58	1,933.65	1,849.64	84.01	23.017		
9,100.00	7,247.38	6,778.26	6,745.82	66.93	28.95	-72.66	-947.92	357.43	1,988.73	1,903.98	84.75	23.467		
9,200.00	7,247.56	6,753.00	6,722.95	69.35	28.85	-71.91	-948.67	346.72	2,046.80	1,961.43	85.37	23.976		
9,300.00	7,247.74	6,753.00	6,722.95	71.80	28.85	-71.91	-948.67	346.72	2,107.69	2,021.59	86.11	24.478		
9,400.00	7,247.91	6,753.00	6,722.95	74.29	28.85	-71.91	-948.67	346.72	2,171.49	2,084.74	86.75	25.031		
9,500.00	7,248.09	6,720.43	6,692.93	76.79	28.73	-70.93	-949.49	334.12	2,237.12	2,150.01	87.11	25.681		
9,600.00	7,248.27	6,710.62	6,683.74	79.33	28.69	-70.63	-949.64	330.70	2,305.39	2,217.84	87.56	26.330		
9,700.00	7,248.45	6,701.75	6,675.37	81.88	28.65	-70.36	-949.75	327.76	2,375.78	2,287.83	87.95	27.013		
9,800.00	7,248.62	6,693.71	6,667.74	84.45	28.62	-70.12	-949.81	325.22	2,448.12	2,359.83	88.29	27.727		
9,900.00	7,248.80	6,659.00	6,634.39	87.04	28.49	-69.04	-949.79	315.64	2,522.88	2,434.47	88.41	28.537		
10,000.00	7,248.98	6,659.00	6,634.39	89.65	28.49	-69.04	-949.79	315.64	2,598.41	2,509.69	88.72	29.287		
10,100.00	7,249.15	6,659.00	6,634.39	92.28	28.49	-69.04	-949.79	315.64	2,675.55	2,586.55	88.99	30.065		
10,200.00	7,249.33	6,659.00	6,634.39	94.91	28.49	-69.04	-949.79	315.64	2,754.15	2,664.93	89.22	30.868		
10,300.00	7,249.51	6,659.00	6,634.39	97.56	28.49	-69.04	-949.79	315.64	2,834.11	2,744.68	89.42	31.693		
10,400.00	7,249.69	6,659.00	6,634.39	100.22	28.49	-69.04	-949.79	315.64	2,915.30	2,825.71	89.59	32.539		
10,500.00	7,249.86	6,659.00	6,634.39	102.89	28.49	-69.04	-949.79	315.64	2,997.63	2,907.89	89.74	33.404		
10,600.00	7,250.04	6,659.00	6,634.39	105.57	28.49	-69.04	-949.79	315.64	3,081.00	2,991.14	89.86	34.286		
10,700.00	7,250.22	6,659.00	6,634.39	108.27	28.49	-69.04	-949.79	315.64	3,165.34	3,075.38	89.96	35.184		
10,800.00	7,250.39	6,659.00	6,634.39	110.96	28.49	-69.04	-949.79	315.64	3,250.57	3,160.52	90.05	36.097		
10,900.00	7,250.57	6,659.00	6,634.39	113.67	28.49	-69.04	-949.79	315.64	3,336.62	3,246.49	90.12	37.023		
11,000.00	7,250.75	6,659.00	6,634.39	116.39	28.49	-69.04	-949.79	315.64	3,423.42	3,333.24	90.18	37.961		
11,100.00	7,250.93	6,659.00	6,634.39	119.11	28.49	-69.04	-949.79	315.64	3,510.93	3,420.70	90.23	38.910		
11,200.00	7,251.10	6,620.52	6,596.85	121.83	28.34	-67.85	-949.43	307.23	3,598.02	3,507.90	90.13	39.922		
11,300.00	7,251.28	6,616.91	6,593.30	124.57	28.32	-67.74	-949.39	306.54	3,686.58	3,596.43	90.15	40.894		
11,400.00	7,251.46	6,613.47	6,589.92	127.31	28.31	-67.63	-949.36	305.90	3,775.68	3,685.52	90.17	41.874		
11,500.00	7,251.63	6,610.19	6,586.70	130.05	28.29	-67.53	-949.32	305.30	3,865.31	3,775.13	90.18	42.862		
11,600.00	7,251.81	6,607.06	6,583.62	132.80	28.28	-67.44	-949.29	304.74	3,955.41	3,865.23	90.19	43.857		
11,700.00	7,251.99	6,604.07	6,580.68	135.55	28.27	-67.34	-949.25	304.22	4,045.97	3,955.78	90.19	44.859		
11,800.00	7,252.17	6,564.00	6,541.04	138.31	28.11	-66.11	-948.76	298.36	4,137.95	4,047.90	90.05	45.951		
11,900.00	7,252.34	6,564.00	6,541.04	141.07	28.11	-66.11	-948.76	298.36	4,229.19	4,139.12	90.06	46.957		
12,000.00	7,252.52	6,564.00	6,541.04	143.84	28.11	-66.11	-948.76	298.36	4,320.81	4,230.74	90.07	47.969		
12,100.00	7,252.70	6,564.00	6,541.04	146.61	28.11	-66.11	-948.76	298.36	4,412.80	4,322.72	90.08	48.986		
12,200.00	7,252.87	6,564.00	6,541.04	149.38	28.11	-66.11	-948.76	298.36	4,505.13	4,415.04	90.09	50.009		
12,300.00	7,253.05	6,564.00	6,541.04	152.16	28.11	-66.11	-948.76	298.36	4,597.78	4,507.69	90.09	51.035		
12,400.00	7,253.23	6,564.00	6,541.04	154.94	28.11	-66.11	-948.76	298.36	4,690.73	4,600.64	90.09	52.066		
12,500.00	7,253.41	6,564.00	6,541.04	157.72	28.11	-66.11	-948.76	298.36	4,783.97	4,693.88	90.09	53.101		
12,600.00	7,253.58	6,564.00	6,541.04	160.51	28.11	-66.11	-948.76	298.36	4,877.47	4,787.38	90.09	54.140		
12,700.00	7,253.76	6,564.00	6,541.04	163.29	28.11	-66.11	-948.76	298.36	4,971.23	4,881.14	90.09	55.182		
12,800.00	7,253.94	6,564.00	6,541.04	166.08	28.11	-66.11	-948.76	298.36	5,065.22	4,975.14	90.09	56.226		
12,900.00	7,254.11	6,564.00	6,541.04	168.88	28.11	-66.11	-948.76	298.36	5,159.45	5,069.36	90.08	57.274		
13,000.00	7,254.29	6,564.00	6,541.04	171.67	28.11	-66.11	-948.76	298.36	5,253.88	5,163.80	90.08	58.324		
13,100.00	7,254.47	6,564.00	6,541.04	174.47	28.11	-66.11	-948.76	298.36	5,348.52	5,258.44	90.08	59.377		
13,200.00	7,254.65	6,564.00	6,541.04	177.27	28.11	-66.11	-948.76	298.36	5,443.35	5,353.27	90.08	60.431		
13,300.00	7,254.82	6,564.00	6,541.04	180.07	28.11	-66.11	-948.76	298.36	5,538.36	5,448.29	90.07	61.488		
13,400.00	7,255.00	6,564.00	6,541.04	182.87	28.11	-66.11	-948.76	298.36	5,633.54	5,543.47	90.07	62.546		
13,500.00	7,255.18	6,564.00	6,541.04	185.67	28.11	-66.11	-948.76	298.36	5,728.89	5,638.82	90.07	63.606		
13,600.00	7,255.35	6,564.00	6,541.04	188.48	28.11	-66.11	-948.76	298.36	5,824.40	5,734.33	90.07	64.667		
13,700.00	7,255.53	6,564.00	6,541.04	191.29	28.11	-66.11	-948.76	298.36	5,920.05	5,829.98	90.07	65.730		
13,800.00	7,255.71	6,564.00	6,541.04	194.10	28.11	-66.11	-948.76	298.36	6,015.84	5,925.78	90.07	66.794		
13,900.00	7,255.89	6,564.00	6,541.04	196.91	28.11	-66.11	-948.76	298.36	6,111.77	6,021.70	90.07	67.858		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,000.00	7,256.06	6,564.00	6,541.04	199.72	28.11	-66.11	-948.76	298.36	6,207.83	6,117.76	90.07	68.924		
14,100.00	7,256.24	6,564.00	6,541.04	202.53	28.11	-66.11	-948.76	298.36	6,304.01	6,213.94	90.07	69.990		
14,200.00	7,256.42	6,564.00	6,541.04	205.35	28.11	-66.11	-948.76	298.36	6,400.30	6,310.23	90.07	71.057		
14,300.00	7,256.59	6,564.00	6,541.04	208.16	28.11	-66.11	-948.76	298.36	6,496.71	6,406.64	90.08	72.125		
14,400.00	7,256.77	6,564.00	6,541.04	210.98	28.11	-66.11	-948.76	298.36	6,593.23	6,503.15	90.08	73.192		
14,500.00	7,256.95	6,564.00	6,541.04	213.80	28.11	-66.11	-948.76	298.36	6,689.85	6,599.76	90.09	74.261		
14,600.00	7,257.13	6,564.00	6,541.04	216.62	28.11	-66.11	-948.76	298.36	6,786.56	6,696.47	90.09	75.329		
14,700.00	7,257.30	6,564.00	6,541.04	219.44	28.11	-66.11	-948.76	298.36	6,883.37	6,793.27	90.10	76.397		
14,800.00	7,257.48	6,564.00	6,541.04	222.26	28.11	-66.11	-948.76	298.36	6,980.27	6,890.17	90.11	77.466		
14,900.00	7,257.66	6,564.00	6,541.04	225.08	28.11	-66.11	-948.76	298.36	7,077.26	6,987.14	90.12	78.534		
15,000.00	7,257.83	6,564.00	6,541.04	227.91	28.11	-66.11	-948.76	298.36	7,174.33	7,084.20	90.13	79.603		
15,100.00	7,258.01	6,564.00	6,541.04	230.73	28.11	-66.11	-948.76	298.36	7,271.48	7,181.34	90.14	80.671		
15,200.00	7,258.19	6,564.00	6,541.04	233.56	28.11	-66.11	-948.76	298.36	7,368.70	7,278.55	90.15	81.739		
15,300.00	7,258.37	6,564.00	6,541.04	236.38	28.11	-66.11	-948.76	298.36	7,466.00	7,375.84	90.16	82.806		
15,400.00	7,258.54	6,564.00	6,541.04	239.21	28.11	-66.11	-948.76	298.36	7,563.37	7,473.19	90.18	83.873		
15,500.00	7,258.72	6,564.00	6,541.04	242.04	28.11	-66.11	-948.76	298.36	7,660.80	7,570.61	90.19	84.939		
15,600.00	7,258.90	6,564.00	6,541.04	244.87	28.11	-66.11	-948.76	298.36	7,758.30	7,668.10	90.21	86.005		
15,700.00	7,259.08	6,564.00	6,541.04	247.70	28.11	-66.11	-948.76	298.36	7,855.87	7,765.64	90.22	87.071		
15,800.00	7,259.25	6,564.00	6,541.04	250.53	28.11	-66.11	-948.76	298.36	7,953.49	7,863.25	90.24	88.135		
15,900.00	7,259.43	6,564.00	6,541.04	253.36	28.11	-66.11	-948.76	298.36	8,051.18	7,960.92	90.26	89.199		
16,000.00	7,259.61	6,564.00	6,541.04	256.19	28.11	-66.11	-948.76	298.36	8,148.92	8,058.64	90.28	90.262		
16,100.00	7,259.78	6,564.00	6,541.04	259.02	28.11	-66.11	-948.76	298.36	8,246.71	8,156.41	90.30	91.325		
16,200.00	7,259.96	6,564.00	6,541.04	261.85	28.11	-66.11	-948.76	298.36	8,344.56	8,254.23	90.32	92.386		
16,300.00	7,260.14	6,564.00	6,541.04	264.68	28.11	-66.11	-948.76	298.36	8,442.45	8,352.11	90.35	93.446		
16,400.00	7,260.32	6,564.00	6,541.04	267.52	28.11	-66.11	-948.76	298.36	8,540.40	8,450.03	90.37	94.506		
16,500.00	7,260.49	6,564.00	6,541.04	270.35	28.11	-66.11	-948.76	298.36	8,638.39	8,547.99	90.39	95.564		
16,600.00	7,260.67	6,564.00	6,541.04	273.19	28.11	-66.11	-948.76	298.36	8,736.43	8,646.01	90.42	96.621		
16,700.00	7,260.85	6,564.00	6,541.04	276.02	28.11	-66.11	-948.76	298.36	8,834.51	8,744.06	90.45	97.677		
16,800.00	7,261.02	6,564.00	6,541.04	278.86	28.11	-66.11	-948.76	298.36	8,932.63	8,842.16	90.47	98.732		
16,900.00	7,261.20	6,564.00	6,541.04	281.69	28.11	-66.11	-948.76	298.36	9,030.80	8,940.30	90.50	99.786		
17,000.00	7,261.38	6,564.00	6,541.04	284.53	28.11	-66.11	-948.76	298.36	9,129.00	9,038.47	90.53	100.838		
17,100.00	7,261.56	6,564.00	6,541.04	287.37	28.11	-66.11	-948.76	298.36	9,227.25	9,136.68	90.56	101.890		
17,200.00	7,261.73	6,564.00	6,541.04	290.21	28.11	-66.11	-948.76	298.36	9,325.53	9,234.93	90.59	102.939		
17,300.00	7,261.91	6,564.00	6,541.04	293.04	28.11	-66.11	-948.76	298.36	9,423.84	9,333.22	90.62	103.988		
17,400.00	7,262.09	6,564.00	6,541.04	295.88	28.11	-66.11	-948.76	298.36	9,522.20	9,431.54	90.66	105.035		
17,500.00	7,262.26	6,564.00	6,541.04	298.72	28.11	-66.11	-948.76	298.36	9,620.58	9,529.89	90.69	106.080		
17,600.00	7,262.44	6,564.00	6,541.04	301.56	28.11	-66.11	-948.76	298.36	9,719.00	9,628.28	90.73	107.125		
17,700.00	7,262.62	6,564.00	6,541.04	304.40	28.11	-66.11	-948.76	298.36	9,817.45	9,726.69	90.76	108.167		
17,800.00	7,262.80	6,564.00	6,541.04	307.24	28.11	-66.11	-948.76	298.36	9,915.94	9,825.14	90.80	109.208		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
0.00	0.00	0.00	0.00	3.28	3.28	144.64	-712.57	505.59	873.79					
100.00	100.00	90.82	90.82	3.28	3.29	144.62	-712.33	505.78	873.63	867.06	6.57	132.956		
200.00	200.00	192.85	192.84	3.34	3.31	144.56	-711.46	506.43	873.30	866.66	6.64	131.436		
300.00	299.98	294.87	294.85	3.44	3.34	79.01	-709.96	507.55	872.41	865.63	6.79	128.543		
400.00	399.84	412.52	412.46	3.60	3.45	79.31	-707.36	508.50	870.15	863.10	7.05	123.398		
500.00	499.45	546.81	546.59	3.81	3.67	80.14	-701.65	505.67	863.89	856.39	7.50	115.160		
600.00	598.70	671.47	670.78	4.06	3.95	81.21	-691.74	501.37	853.27	845.22	8.05	106.041		
700.00	697.47	776.32	775.05	4.34	4.23	82.44	-681.68	497.10	840.65	832.05	8.60	97.704		
800.00	795.62	899.20	897.05	4.66	4.60	84.17	-668.11	491.65	826.57	817.26	9.30	88.835		
824.00	819.08	928.91	926.45	4.75	4.69	84.63	-664.08	490.25	822.62	813.14	9.48	86.734		
900.00	893.28	1,021.80	1,018.15	5.02	5.00	85.85	-650.00	485.58	809.13	799.06	10.07	80.365		
1,000.00	990.92	1,134.13	1,128.50	5.40	5.41	87.28	-629.84	479.73	789.20	778.37	10.83	72.863		
1,100.00	1,088.56	1,227.88	1,220.47	5.80	5.76	88.51	-612.35	474.91	769.14	757.58	11.56	66.562		
1,200.00	1,186.19	1,326.62	1,317.46	6.21	6.15	89.92	-594.63	469.54	749.95	737.62	12.33	60.820		
1,300.00	1,283.83	1,440.43	1,428.86	6.64	6.61	91.58	-572.24	463.18	729.63	716.44	13.19	55.330		
1,400.00	1,381.47	1,559.61	1,544.75	7.08	7.12	93.33	-545.25	456.43	707.06	692.98	14.07	50.238		
1,500.00	1,479.10	1,655.86	1,637.88	7.53	7.55	94.80	-521.66	450.72	683.12	668.21	14.91	45.827		
1,600.00	1,576.74	1,740.97	1,720.40	7.99	7.93	96.13	-501.21	446.46	660.41	644.68	15.73	41.994		
1,700.00	1,674.38	1,826.45	1,803.56	8.45	8.31	97.48	-481.69	443.44	639.76	623.20	16.57	38.620		
1,800.00	1,772.02	1,917.26	1,892.16	8.92	8.72	98.94	-461.96	441.10	620.92	603.49	17.43	35.624		
1,900.00	1,869.65	2,008.04	1,980.92	9.39	9.13	100.54	-443.08	438.49	603.37	585.06	18.30	32.964		
2,000.00	1,967.29	2,108.94	2,079.68	9.87	9.59	102.46	-422.67	435.16	586.84	567.63	19.21	30.550		
2,100.00	2,064.93	2,210.27	2,178.62	10.35	10.05	104.53	-401.17	431.31	569.88	549.76	20.12	28.321		
2,200.00	2,162.56	2,318.86	2,284.33	10.83	10.56	106.77	-376.53	428.10	552.38	531.33	21.05	26.245		
2,300.00	2,260.20	2,400.39	2,363.71	11.32	10.94	108.51	-358.02	426.10	535.65	513.70	21.95	24.401		
2,400.00	2,357.84	2,499.05	2,460.11	11.80	11.40	110.80	-337.26	423.19	521.25	498.37	22.88	22.785		
2,500.00	2,455.48	2,604.96	2,563.26	12.29	11.91	113.49	-313.62	419.19	506.39	482.58	23.81	21.268		
2,600.00	2,553.11	2,693.00	2,648.97	12.78	12.33	115.88	-293.83	415.62	492.38	467.64	24.74	19.900		
2,700.00	2,650.75	2,799.07	2,752.28	13.27	12.83	118.80	-269.97	412.25	479.46	453.79	25.68	18.672		
2,800.00	2,748.39	2,888.35	2,839.22	13.77	13.26	121.29	-249.83	410.14	467.51	440.90	26.62	17.565		
2,900.00	2,846.02	2,998.24	2,945.73	14.26	13.80	124.75	-223.16	405.85	455.14	427.59	27.55	16.520		
3,000.00	2,943.66	3,082.22	3,027.16	14.76	14.21	127.63	-203.08	401.69	444.80	416.29	28.50	15.604		
3,100.00	3,041.30	3,169.04	3,111.90	15.25	14.63	130.60	-184.58	397.62	438.49	409.06	29.43	14.899		
3,200.00	3,138.94	3,273.00	3,213.26	15.75	15.13	134.22	-161.91	393.22	433.15	402.78	30.37	14.261		
3,294.89	3,231.58	3,350.01	3,288.58	16.22	15.50	136.90	-146.27	389.89	430.95	399.73	31.22	13.805		
3,300.00	3,236.57	3,354.64	3,293.13	16.25	15.52	137.06	-145.40	389.68	430.95	399.69	31.26	13.785		
3,400.00	3,334.21	3,446.31	3,383.23	16.75	15.95	140.15	-129.06	385.67	432.51	400.36	32.15	13.453		
3,500.00	3,431.85	3,550.31	3,485.53	17.25	16.43	143.50	-110.68	382.02	435.30	402.22	33.09	13.157		
3,600.00	3,529.48	3,655.47	3,588.50	17.75	16.93	146.98	-89.63	378.60	437.32	403.30	34.02	12.853		
3,700.00	3,627.12	3,756.78	3,687.46	18.25	17.42	150.40	-68.24	375.02	440.09	405.14	34.95	12.592		
3,800.00	3,724.76	3,866.29	3,793.92	18.75	17.96	154.11	-42.73	372.36	441.99	406.10	35.90	12.313		
3,900.00	3,822.40	3,968.00	3,891.96	19.25	18.47	157.83	-15.83	369.44	443.37	406.53	36.83	12.037		
4,000.00	3,920.03	4,068.23	3,987.94	19.75	18.99	161.74	12.76	365.52	445.82	408.04	37.78	11.802		
4,100.00	4,017.67	4,164.11	4,079.70	20.25	19.48	165.40	40.42	362.51	449.53	410.82	38.71	11.613		
4,200.00	4,115.31	4,250.10	4,162.53	20.76	19.92	168.40	63.41	360.35	456.00	416.41	39.59	11.518		
4,300.00	4,212.94	4,332.40	4,242.57	21.26	20.32	170.92	82.38	357.75	466.62	426.22	40.40	11.551		
4,400.00	4,310.58	4,423.36	4,331.72	21.76	20.76	173.30	100.03	354.20	480.90	439.67	41.24	11.661		
4,500.00	4,408.22	4,521.61	4,427.89	22.27	21.24	175.80	119.70	350.10	496.06	453.91	42.15	11.769		
4,600.00	4,505.86	4,622.60	4,526.63	22.77	21.72	178.27	140.56	346.09	511.66	468.57	43.09	11.874		
4,700.00	4,603.49	4,719.44	4,621.25	23.28	22.19	-179.49	160.87	342.87	527.39	483.40	43.99	11.988		
4,800.00	4,701.13	4,809.22	4,709.11	23.78	22.63	-177.59	179.02	339.56	544.50	499.68	44.82	12.148		
4,900.00	4,798.77	4,893.34	4,791.51	24.28	23.03	-175.92	195.36	335.14	563.95	518.39	45.57	12.376		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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	4,986.40	4,986.44	4,882.88	24.79	23.48	-174.27	212.13	328.79	585.81	539.39	46.42	12.620		
5,100.00	4,994.04	5,092.86	4,986.97	25.30	23.99	-172.36	233.14	322.04	607.26	559.81	47.45	12.797		
5,200.00	5,091.68	5,206.47	5,097.33	25.80	24.56	-170.15	259.51	316.35	627.11	578.54	48.57	12.911		
5,300.00	5,189.32	5,310.84	5,199.23	26.31	25.07	-168.49	281.80	313.92	645.46	595.90	49.57	13.022		
5,400.00	5,286.95	5,398.59	5,285.73	26.81	25.47	-167.54	296.47	312.65	664.37	614.00	50.37	13.189		
5,500.00	5,384.59	5,510.07	5,395.95	27.32	25.98	-166.57	313.20	311.78	683.20	631.79	51.41	13.288		
5,600.00	5,482.23	5,610.36	5,495.08	27.82	26.43	-165.76	328.39	312.47	700.72	648.38	52.34	13.388		
5,700.00	5,579.87	5,695.63	5,579.45	28.33	26.82	-165.14	340.65	312.23	719.41	666.29	53.12	13.543		
5,800.00	5,677.50	5,800.24	5,683.42	28.84	27.27	-164.70	352.20	312.37	738.34	684.26	54.08	13.654		
5,900.00	5,775.14	5,894.52	5,777.39	29.34	27.67	-164.56	359.67	313.11	757.18	702.27	54.92	13.788		
6,000.00	5,872.78	5,985.71	5,868.42	29.85	28.04	-164.56	365.05	313.41	776.79	721.07	55.72	13.942		
6,100.00	5,970.41	6,077.88	5,960.51	30.36	28.42	-164.66	368.92	313.27	797.14	740.62	56.52	14.105		
6,200.00	6,068.05	6,167.15	6,049.73	30.86	28.77	-164.84	371.52	312.45	818.43	761.15	57.28	14.289		
6,300.00	6,165.69	6,264.50	6,147.07	31.37	29.15	-165.10	373.10	311.31	840.20	782.08	58.12	14.457		
6,400.00	6,263.33	7,746.43	7,050.25	31.88	38.08	151.50	387.34	1,155.77	809.98	784.13	25.85	31.339		
6,500.00	6,360.96	7,763.09	7,050.31	32.38	38.33	148.51	387.16	1,172.43	715.91	687.80	28.11	25.468		
6,600.00	6,458.60	7,781.15	7,050.47	32.89	38.61	145.03	387.00	1,190.48	623.13	592.11	31.02	20.087		
6,628.42	6,486.35	7,787.33	7,050.53	33.04	38.72	143.79	386.95	1,196.67	597.07	565.07	32.00	18.660		
6,650.00	6,507.49	7,791.64	7,050.57	33.14	38.79	143.23	386.91	1,200.97	577.32	544.52	32.79	17.604		
6,700.00	6,556.88	7,798.64	7,050.64	33.37	38.90	149.58	386.86	1,207.97	531.57	496.72	34.85	15.253		
6,750.00	6,606.60	7,801.51	7,050.66	33.58	38.95	177.83	386.85	1,210.84	486.21	448.96	37.25	13.053		
6,800.00	6,656.35	7,800.25	7,050.65	33.76	38.93	-148.26	386.85	1,209.59	441.77	401.71	40.06	11.027		
6,850.00	6,705.83	7,794.93	7,050.60	33.94	38.84	-133.79	386.89	1,204.26	398.84	355.46	43.38	9.195		
6,900.00	6,754.72	7,785.60	7,050.51	34.12	38.69	-128.12	386.96	1,194.94	358.09	310.83	47.26	7.577		
6,950.00	6,802.72	7,772.84	7,050.39	34.31	38.48	-124.90	387.07	1,182.17	320.34	268.60	51.74	6.191		
7,000.00	6,849.54	7,756.90	7,050.28	34.50	38.24	-122.01	387.23	1,166.23	286.56	229.83	56.73	5.051		
7,050.00	6,894.89	7,736.99	7,050.25	34.71	37.94	-118.46	387.46	1,146.33	257.86	195.91	61.95	4.163		
7,100.00	6,938.49	7,713.12	7,050.35	34.93	37.57	-113.92	387.79	1,122.46	235.32	168.51	66.81	3.522		
7,150.00	6,980.07	7,685.33	7,050.68	35.17	37.15	-108.29	388.25	1,094.68	219.79	149.29	70.50	3.118		
7,200.00	7,019.38	7,655.74	7,050.95	35.43	36.73	-101.97	388.62	1,065.08	211.64	139.31	72.34	2.926		
7,232.07	7,043.28	7,635.09	7,050.97	35.61	36.46	-97.46	388.72	1,044.44	210.25	137.86	72.39	2.904 CC, ES, SF		
7,250.00	7,056.17	7,623.02	7,050.99	35.71	36.31	-94.83	388.75	1,032.37	210.66	138.62	72.04	2.924		
7,300.00	7,090.21	7,587.52	7,051.09	36.03	35.85	-87.36	388.72	996.87	215.60	145.65	69.94	3.082		
7,350.00	7,121.30	7,550.29	7,051.23	36.37	35.38	-80.15	388.48	959.64	224.78	157.93	66.85	3.362		
7,400.00	7,149.25	7,514.79	7,050.38	36.75	34.99	-73.79	387.94	924.16	237.04	173.56	63.48	3.734		
7,450.00	7,173.87	7,479.32	7,048.17	37.17	34.59	-68.04	387.02	888.77	251.48	191.29	60.19	4.178		
7,500.00	7,195.03	7,442.38	7,044.36	37.62	34.22	-62.82	385.80	852.05	267.17	209.93	57.24	4.668		
7,550.00	7,212.58	7,404.79	7,038.75	38.11	33.87	-58.17	384.72	814.90	283.19	228.50	54.68	5.179		
7,600.00	7,226.43	7,372.00	7,032.44	38.64	33.57	-54.45	383.95	782.74	299.11	246.23	52.88	5.657		
7,650.00	7,236.48	7,335.62	7,023.69	39.20	33.31	-50.97	382.98	747.44	314.89	263.48	51.41	6.125		
7,700.00	7,242.68	7,303.58	7,014.32	39.79	33.09	-48.20	381.79	716.83	330.62	279.89	50.73	6.517		
7,753.32	7,245.00	7,278.00	7,005.74	40.44	32.92	-46.01	380.61	692.76	347.18	295.99	51.20	6.782		
7,800.00	7,245.08	7,243.78	6,992.58	41.04	32.75	-44.63	378.64	661.25	362.41	311.48	50.93	7.116		
7,900.00	7,245.26	7,183.00	6,964.25	42.43	32.48	-42.02	373.88	607.72	402.80	351.42	51.38	7.840		
8,000.00	7,245.43	7,130.93	6,935.03	43.97	32.28	-39.42	371.17	564.75	451.03	398.59	52.44	8.600		
8,100.00	7,245.61	7,078.65	6,901.38	45.64	32.10	-36.30	372.52	524.80	505.51	452.33	53.18	9.505		
8,200.00	7,245.79	7,035.41	6,871.10	47.42	31.96	-33.69	374.93	494.04	566.32	511.84	54.48	10.395		
8,300.00	7,245.97	6,997.00	6,842.64	49.30	31.83	-31.46	377.39	468.38	632.69	576.85	55.84	11.331		
8,400.00	7,246.14	6,969.50	6,821.27	51.28	31.74	-29.93	379.29	451.19	703.99	646.52	57.47	12.250		
8,500.00	7,246.32	6,945.41	6,801.78	53.34	31.66	-28.62	381.01	437.13	779.62	720.75	58.87	13.243		
8,600.00	7,246.50	6,905.00	6,767.61	55.46	31.53	-26.54	384.00	415.78	859.34	799.96	59.38	14.471		
8,700.00	7,246.67	6,905.00	6,767.61	57.66	31.53	-26.54	384.00	415.78	940.77	879.74	61.03	15.416		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
8,800.00	7,246.85	6,905.00	6,767.61	59.90	31.53	-26.54	384.00	415.78	1,025.49	963.23	62.26	16.472		
8,900.00	7,247.03	6,869.87	6,736.71	62.20	31.41	-24.87	386.37	399.26	1,111.24	1,048.77	62.47	17.788		
9,000.00	7,247.21	6,854.29	6,722.72	64.55	31.36	-24.19	387.24	392.45	1,198.93	1,135.91	63.03	19.023		
9,100.00	7,247.38	6,840.11	6,709.85	66.93	31.31	-23.60	387.94	386.53	1,287.93	1,224.43	63.50	20.283		
9,200.00	7,247.56	6,810.00	6,682.11	69.35	31.21	-22.43	389.13	374.89	1,378.38	1,314.71	63.67	21.649		
9,300.00	7,247.74	6,810.00	6,682.11	71.80	31.21	-22.43	389.13	374.89	1,469.13	1,404.94	64.20	22.885		
9,400.00	7,247.91	6,810.00	6,682.11	74.29	31.21	-22.43	389.13	374.89	1,561.02	1,496.40	64.62	24.156		
9,500.00	7,248.09	6,780.38	6,654.50	76.79	31.11	-21.42	389.59	364.19	1,653.35	1,588.65	64.70	25.553		
9,600.00	7,248.27	6,761.88	6,637.19	79.33	31.04	-20.87	389.36	357.66	1,746.20	1,681.32	64.88	26.915		
9,700.00	7,248.45	6,744.06	6,620.49	81.88	30.98	-20.40	388.76	351.50	1,839.46	1,774.41	65.05	28.279		
9,800.00	7,248.62	6,718.00	6,596.01	84.45	30.89	-19.80	387.22	342.69	1,933.12	1,867.97	65.15	29.672		
9,900.00	7,248.80	6,718.00	6,596.01	87.04	30.89	-19.80	387.22	342.69	2,027.06	1,961.66	65.40	30.996		
10,000.00	7,248.98	6,718.00	6,596.01	89.65	30.89	-19.80	387.22	342.69	2,121.56	2,055.95	65.61	32.335		
10,100.00	7,249.15	6,718.00	6,596.01	92.28	30.89	-19.80	387.22	342.69	2,216.54	2,150.74	65.80	33.688		
10,200.00	7,249.33	6,718.00	6,596.01	94.91	30.89	-19.80	387.22	342.69	2,311.94	2,245.98	65.96	35.052		
10,300.00	7,249.51	6,718.00	6,596.01	97.56	30.89	-19.80	387.22	342.69	2,407.71	2,341.61	66.10	36.425		
10,400.00	7,249.69	6,680.62	6,560.54	100.22	30.75	-19.06	384.29	331.25	2,502.47	2,436.35	66.12	37.848		
10,500.00	7,249.86	6,675.07	6,555.23	102.89	30.73	-18.96	383.83	329.72	2,598.45	2,532.22	66.23	39.233		
10,600.00	7,250.04	6,669.84	6,550.21	105.57	30.71	-18.86	383.39	328.33	2,694.67	2,628.33	66.34	40.621		
10,700.00	7,250.22	6,664.90	6,545.46	108.27	30.69	-18.77	382.97	327.05	2,791.11	2,724.67	66.43	42.013		
10,800.00	7,250.39	6,625.00	6,506.76	110.96	30.54	-18.10	379.34	318.03	2,888.91	2,822.45	66.46	43.468		
10,900.00	7,250.57	6,625.00	6,506.76	113.67	30.54	-18.10	379.34	318.03	2,985.46	2,918.89	66.56	44.851		
11,000.00	7,250.75	6,625.00	6,506.76	116.39	30.54	-18.10	379.34	318.03	3,082.22	3,015.56	66.66	46.239		
11,100.00	7,250.93	6,625.00	6,506.76	119.11	30.54	-18.10	379.34	318.03	3,179.18	3,112.44	66.75	47.631		
11,200.00	7,251.10	6,625.00	6,506.76	121.83	30.54	-18.10	379.34	318.03	3,276.33	3,209.50	66.83	49.026		
11,300.00	7,251.28	6,625.00	6,506.76	124.57	30.54	-18.10	379.34	318.03	3,373.64	3,306.74	66.91	50.424		
11,400.00	7,251.46	6,625.00	6,506.76	127.31	30.54	-18.10	379.34	318.03	3,471.11	3,404.13	66.98	51.824		
11,500.00	7,251.63	6,625.00	6,506.76	130.05	30.54	-18.10	379.34	318.03	3,568.71	3,501.66	67.05	53.226		
11,600.00	7,251.81	6,625.00	6,506.76	132.80	30.54	-18.10	379.34	318.03	3,666.45	3,599.33	67.11	54.630		
11,700.00	7,251.99	6,625.00	6,506.76	135.55	30.54	-18.10	379.34	318.03	3,764.30	3,697.12	67.18	56.034		
11,800.00	7,252.17	6,625.00	6,506.76	138.31	30.54	-18.10	379.34	318.03	3,862.26	3,795.02	67.24	57.440		
11,900.00	7,252.34	6,625.00	6,506.76	141.07	30.54	-18.10	379.34	318.03	3,960.33	3,893.03	67.30	58.846		
12,000.00	7,252.52	6,625.00	6,506.76	143.84	30.54	-18.10	379.34	318.03	4,058.49	3,991.13	67.36	60.251		
12,100.00	7,252.70	6,625.00	6,506.76	146.61	30.54	-18.10	379.34	318.03	4,156.74	4,089.32	67.42	61.657		
12,200.00	7,252.87	6,625.00	6,506.76	149.38	30.54	-18.10	379.34	318.03	4,255.07	4,187.59	67.47	63.063		
12,300.00	7,253.05	6,625.00	6,506.76	152.16	30.54	-18.10	379.34	318.03	4,353.47	4,285.94	67.53	64.468		
12,400.00	7,253.23	6,625.00	6,506.76	154.94	30.54	-18.10	379.34	318.03	4,451.95	4,384.36	67.58	65.872		
12,500.00	7,253.41	6,625.00	6,506.76	157.72	30.54	-18.10	379.34	318.03	4,550.49	4,482.85	67.64	67.276		
12,600.00	7,253.58	6,625.00	6,506.76	160.51	30.54	-18.10	379.34	318.03	4,649.10	4,581.40	67.69	68.678		
12,700.00	7,253.76	6,625.00	6,506.76	163.29	30.54	-18.10	379.34	318.03	4,747.76	4,680.01	67.75	70.079		
12,800.00	7,253.94	6,625.00	6,506.76	166.08	30.54	-18.10	379.34	318.03	4,846.48	4,778.67	67.80	71.479		
12,900.00	7,254.11	6,625.00	6,506.76	168.88	30.54	-18.10	379.34	318.03	4,945.25	4,877.39	67.86	72.877		
13,000.00	7,254.29	6,625.00	6,506.76	171.67	30.54	-18.10	379.34	318.03	5,044.07	4,976.15	67.91	74.274		
13,100.00	7,254.47	6,625.00	6,506.76	174.47	30.54	-18.10	379.34	318.03	5,142.93	5,074.96	67.97	75.669		
13,200.00	7,254.65	6,625.00	6,506.76	177.27	30.54	-18.10	379.34	318.03	5,241.84	5,173.81	68.02	77.061		
13,300.00	7,254.82	6,625.00	6,506.76	180.07	30.54	-18.10	379.34	318.03	5,340.78	5,272.71	68.08	78.452		
13,400.00	7,255.00	6,625.00	6,506.76	182.87	30.54	-18.10	379.34	318.03	5,439.77	5,371.64	68.13	79.841		
13,500.00	7,255.18	6,625.00	6,506.76	185.67	30.54	-18.10	379.34	318.03	5,538.79	5,470.60	68.19	81.227		
13,600.00	7,255.35	6,625.00	6,506.76	188.48	30.54	-18.10	379.34	318.03	5,637.85	5,569.60	68.25	82.611		
13,700.00	7,255.53	6,625.00	6,506.76	191.29	30.54	-18.10	379.34	318.03	5,736.94	5,668.64	68.30	83.992		
13,800.00	7,255.71	6,625.00	6,506.76	194.10	30.54	-18.10	379.34	318.03	5,836.06	5,767.70	68.36	85.371		
13,900.00	7,255.89	6,625.00	6,506.76	196.91	30.54	-18.10	379.34	318.03	5,935.21	5,866.79	68.42	86.747		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
14,000.00	7,256.06	6,625.00	6,506.76	199.72	30.54	-18.10	379.34	318.03	6,034.39	5,965.91	68.48	88.121		
14,100.00	7,256.24	6,625.00	6,506.76	202.53	30.54	-18.10	379.34	318.03	6,133.59	6,065.06	68.54	89.492		
14,200.00	7,256.42	6,625.00	6,506.76	205.35	30.54	-18.10	379.34	318.03	6,232.83	6,164.23	68.60	90.859		
14,300.00	7,256.59	6,625.00	6,506.76	208.16	30.54	-18.10	379.34	318.03	6,332.08	6,263.42	68.66	92.224		
14,400.00	7,256.77	6,625.00	6,506.76	210.98	30.54	-18.10	379.34	318.03	6,431.36	6,362.64	68.72	93.586		
14,500.00	7,256.95	6,625.00	6,506.76	213.80	30.54	-18.10	379.34	318.03	6,530.66	6,461.87	68.78	94.945		
14,600.00	7,257.13	6,625.00	6,506.76	216.62	30.54	-18.10	379.34	318.03	6,629.98	6,561.13	68.85	96.300		
14,700.00	7,257.30	6,625.00	6,506.76	219.44	30.54	-18.10	379.34	318.03	6,729.32	6,660.41	68.91	97.653		
14,800.00	7,257.48	6,625.00	6,506.76	222.26	30.54	-18.10	379.34	318.03	6,828.68	6,759.70	68.98	99.002		
14,900.00	7,257.66	6,625.00	6,506.76	225.08	30.54	-18.10	379.34	318.03	6,928.06	6,859.02	69.04	100.347		
15,000.00	7,257.83	6,625.00	6,506.76	227.91	30.54	-18.10	379.34	318.03	7,027.45	6,958.35	69.11	101.690		
15,100.00	7,258.01	6,625.00	6,506.76	230.73	30.54	-18.10	379.34	318.03	7,126.87	7,057.69	69.17	103.029		
15,200.00	7,258.19	6,625.00	6,506.76	233.56	30.54	-18.10	379.34	318.03	7,226.30	7,157.06	69.24	104.364		
15,300.00	7,258.37	6,625.00	6,506.76	236.38	30.54	-18.10	379.34	318.03	7,325.74	7,256.43	69.31	105.696		
15,400.00	7,258.54	6,581.87	6,464.28	239.21	30.37	-17.38	376.03	311.48	7,423.16	7,353.75	69.41	106.949		
15,500.00	7,258.72	6,581.24	6,463.65	242.04	30.37	-17.37	375.99	311.41	7,522.57	7,453.09	69.48	108.272		
15,600.00	7,258.90	6,580.61	6,463.03	244.87	30.36	-17.36	375.95	311.35	7,622.00	7,552.45	69.55	109.591		
15,700.00	7,259.08	6,580.01	6,462.43	247.70	30.36	-17.35	375.92	311.28	7,721.45	7,651.82	69.62	110.906		
15,800.00	7,259.25	6,579.41	6,461.84	250.53	30.36	-17.34	375.89	311.22	7,820.90	7,751.21	69.69	112.218		
15,900.00	7,259.43	6,578.84	6,461.27	253.36	30.36	-17.33	375.85	311.16	7,920.37	7,850.60	69.77	113.526		
16,000.00	7,259.61	6,578.27	6,460.71	256.19	30.35	-17.32	375.82	311.11	8,019.85	7,950.01	69.84	114.830		
16,100.00	7,259.78	6,577.72	6,460.16	259.02	30.35	-17.31	375.79	311.05	8,119.35	8,049.43	69.92	116.130		
16,200.00	7,259.96	6,577.18	6,459.62	261.85	30.35	-17.30	375.76	311.00	8,218.85	8,148.86	69.99	117.426		
16,300.00	7,260.14	6,576.66	6,459.10	264.68	30.35	-17.29	375.73	310.95	8,318.37	8,248.30	70.07	118.719		
16,400.00	7,260.32	6,576.14	6,458.59	267.52	30.35	-17.28	375.71	310.90	8,417.90	8,347.75	70.14	120.007		
16,500.00	7,260.49	6,575.64	6,458.09	270.35	30.34	-17.28	375.68	310.85	8,517.44	8,447.21	70.22	121.292		
16,600.00	7,260.67	6,532.00	6,414.55	273.19	30.17	-16.50	374.20	308.72	8,619.02	8,548.69	70.32	122.568		
16,700.00	7,260.85	6,532.00	6,414.55	276.02	30.17	-16.50	374.20	308.72	8,718.53	8,648.13	70.40	123.844		
16,800.00	7,261.02	6,532.00	6,414.55	278.86	30.17	-16.50	374.20	308.72	8,818.05	8,747.57	70.48	125.116		
16,900.00	7,261.20	6,532.00	6,414.55	281.69	30.17	-16.50	374.20	308.72	8,917.58	8,847.03	70.56	126.384		
17,000.00	7,261.38	6,532.00	6,414.55	284.53	30.17	-16.50	374.20	308.72	9,017.13	8,946.49	70.64	127.648		
17,100.00	7,261.56	6,532.00	6,414.55	287.37	30.17	-16.50	374.20	308.72	9,116.68	9,045.96	70.72	128.908		
17,200.00	7,261.73	6,532.00	6,414.55	290.21	30.17	-16.50	374.20	308.72	9,216.25	9,145.44	70.80	130.164		
17,300.00	7,261.91	6,532.00	6,414.55	293.04	30.17	-16.50	374.20	308.72	9,315.82	9,244.93	70.89	131.416		
17,400.00	7,262.09	6,532.00	6,414.55	295.88	30.17	-16.50	374.20	308.72	9,415.40	9,344.43	70.97	132.664		
17,500.00	7,262.26	6,532.00	6,414.55	298.72	30.17	-16.50	374.20	308.72	9,514.99	9,443.94	71.06	133.907		
17,600.00	7,262.44	6,532.00	6,414.55	301.56	30.17	-16.50	374.20	308.72	9,614.59	9,543.45	71.14	135.146		
17,700.00	7,262.62	6,532.00	6,414.55	304.40	30.17	-16.50	374.20	308.72	9,714.20	9,642.97	71.23	136.381		
17,800.00	7,262.80	6,532.00	6,414.55	307.24	30.17	-16.50	374.20	308.72	9,813.82	9,742.50	71.32	137.612		
17,900.00	7,262.97	6,532.00	6,414.55	310.08	30.17	-16.50	374.20	308.72	9,913.44	9,842.04	71.40	138.838		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
0.00	0.00	0.00	0.00	3.28	3.28	143.05	-672.50	505.87	841.60					
100.00	100.00	80.62	80.62	3.28	3.28	143.04	-672.72	506.24	841.97	835.40	6.57	128.155		
200.00	200.00	175.99	175.98	3.34	3.31	143.00	-673.49	507.55	843.42	836.77	6.65	126.809		
300.00	299.98	283.99	283.96	3.44	3.41	77.50	-674.04	508.92	844.23	837.37	6.85	123.162		
400.00	399.84	401.71	401.67	3.60	3.58	77.85	-672.92	509.73	842.77	835.58	7.19	117.274		
500.00	499.45	551.91	551.66	3.81	3.89	78.60	-665.55	508.82	836.78	829.05	7.73	108.203		
600.00	598.70	715.31	713.77	4.06	4.32	79.70	-645.91	504.30	823.10	814.60	8.49	96.932		
700.00	697.47	880.97	875.25	4.34	4.86	80.82	-609.71	498.78	800.31	790.92	9.39	85.205		
800.00	795.62	998.29	987.63	4.66	5.29	81.83	-576.20	495.59	772.08	761.96	10.11	76.336		
824.00	819.08	1,028.88	1,016.75	4.75	5.40	82.14	-566.90	494.60	764.80	754.50	10.31	74.187		
900.00	893.28	1,112.62	1,096.12	5.02	5.75	82.63	-540.39	491.12	740.55	729.68	10.87	68.112		
1,000.00	990.92	1,200.78	1,179.68	5.40	6.13	83.25	-512.66	486.68	708.47	696.93	11.54	61.392		
1,100.00	1,088.56	1,289.57	1,264.55	5.80	6.52	84.11	-487.15	481.27	678.13	665.88	12.25	55.355		
1,200.00	1,186.19	1,406.11	1,375.31	6.21	7.06	85.41	-451.99	472.54	646.05	632.94	13.11	49.296		
1,300.00	1,283.83	1,506.38	1,469.55	6.64	7.55	86.36	-418.33	466.37	611.96	598.04	13.92	43.972		
1,400.00	1,381.47	1,586.77	1,544.93	7.08	7.95	86.99	-390.56	463.34	578.42	563.73	14.69	39.368		
1,500.00	1,479.10	1,668.29	1,622.28	7.53	8.36	87.76	-364.92	461.15	548.04	532.54	15.50	35.359		
1,600.00	1,576.74	1,765.55	1,714.56	7.99	8.84	88.67	-334.27	459.52	518.28	501.91	16.36	31.673		
1,700.00	1,674.38	1,862.79	1,806.53	8.45	9.34	89.53	-302.67	458.91	488.23	470.99	17.24	28.320		
1,800.00	1,772.02	1,957.71	1,896.30	8.92	9.82	90.53	-271.87	457.94	458.17	440.04	18.13	25.278		
1,900.00	1,869.65	2,056.14	1,989.43	9.39	10.33	91.92	-240.12	455.36	427.76	408.74	19.02	22.492		
2,000.00	1,967.29	2,150.23	2,078.47	9.87	10.83	93.57	-209.88	452.04	397.36	377.44	19.92	19.947		
2,100.00	2,064.93	2,244.63	2,167.89	10.35	11.32	95.62	-179.91	448.04	367.43	346.60	20.83	17.638		
2,200.00	2,162.56	2,339.71	2,258.05	10.83	11.83	98.33	-150.22	442.47	337.97	316.22	21.75	15.539		
2,300.00	2,260.20	2,435.21	2,348.56	11.32	12.34	101.85	-120.60	435.27	309.07	286.40	22.68	13.629		
2,400.00	2,357.84	2,529.82	2,438.02	11.80	12.85	105.95	-90.65	428.28	280.88	257.25	23.62	11.889		
2,500.00	2,455.48	2,619.92	2,523.42	12.29	13.33	110.74	-62.77	421.32	255.01	230.39	24.63	10.355		
2,600.00	2,553.11	2,712.03	2,611.23	12.78	13.82	116.10	-35.45	416.17	232.80	207.17	25.63	9.083		
2,700.00	2,650.75	2,809.75	2,704.33	13.27	14.33	122.00	-5.85	413.89	212.35	185.74	26.60	7.982		
2,800.00	2,748.39	2,904.68	2,794.68	13.77	14.84	128.88	23.18	411.50	194.26	166.63	27.62	7.032		
2,900.00	2,846.02	3,001.72	2,886.92	14.26	15.36	137.22	53.20	408.80	179.38	150.73	28.65	6.262		
3,000.00	2,943.66	3,099.47	2,979.54	14.76	15.88	146.32	84.45	408.42	166.98	137.30	29.68	5.627		
3,100.00	3,041.30	3,194.04	3,069.20	15.25	16.39	155.99	114.50	408.46	159.35	128.61	30.74	5.184		
3,176.84	3,116.33	3,266.68	3,138.03	15.63	16.78	164.00	137.72	407.95	157.44	125.90	31.54	4.991 CC		
3,200.00	3,138.94	3,288.35	3,158.55	15.75	16.90	166.43	144.67	407.68	157.63	125.84	31.78	4.959 ES, SF		
3,300.00	3,236.57	3,381.41	3,246.71	16.25	17.40	176.78	174.41	405.79	162.79	130.03	32.77	4.968		
3,400.00	3,334.21	3,477.98	3,338.52	16.75	17.92	-173.68	204.24	403.46	174.27	140.54	33.72	5.168		
3,500.00	3,431.85	3,575.83	3,431.96	17.25	18.43	-165.87	233.28	403.76	187.77	153.09	34.67	5.416		
3,600.00	3,529.48	3,670.71	3,522.97	17.75	18.93	-159.73	260.11	403.84	204.61	169.03	35.57	5.752		
3,700.00	3,627.12	3,766.86	3,615.40	18.25	19.42	-154.64	286.61	403.72	223.72	187.23	36.49	6.131		
3,800.00	3,724.76	3,864.21	3,708.61	18.75	19.93	-150.01	314.66	403.79	244.24	206.80	37.44	6.524		
3,900.00	3,822.40	3,959.77	3,799.69	19.25	20.44	-145.83	343.58	404.41	265.75	227.38	38.36	6.927		
4,000.00	3,920.03	4,054.34	3,889.51	19.75	20.95	-142.11	373.20	404.78	288.91	249.63	39.28	7.356		
4,100.00	4,017.67	4,148.11	3,978.12	20.25	21.46	-138.73	403.83	405.11	313.54	273.35	40.19	7.802		
4,200.00	4,115.31	4,240.47	4,064.86	20.76	21.98	-135.59	435.57	405.30	339.79	298.71	41.08	8.272		
4,300.00	4,212.94	4,336.65	4,155.20	21.26	22.51	-132.83	468.56	405.03	367.32	325.27	42.05	8.736		
4,400.00	4,310.58	4,435.48	4,249.26	21.76	23.04	-130.94	498.87	404.15	394.59	351.52	43.07	9.162		
4,500.00	4,408.22	4,533.60	4,343.27	22.27	23.56	-129.60	526.94	403.11	421.43	377.37	44.06	9.565		
4,600.00	4,505.86	4,630.36	4,436.29	22.77	24.07	-128.57	553.55	401.95	448.11	403.08	45.03	9.952		
4,700.00	4,603.49	4,712.74	4,515.46	23.28	24.50	-127.84	576.21	399.91	476.02	430.29	45.74	10.408		
4,800.00	4,701.13	4,799.44	4,598.08	23.78	24.97	-127.00	602.22	396.19	506.67	460.14	46.53	10.890		
4,900.00	4,798.77	4,894.02	4,687.94	24.28	25.48	-126.12	631.42	391.80	538.14	490.66	47.48	11.334		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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	4,896.40	4,980.77	4,770.46	24.79	25.96	-125.46	657.77	387.29	569.98	521.70	48.28	11.806		
5,100.00	4,994.04	5,072.73	4,857.46	25.30	26.47	-124.75	687.04	381.64	603.34	554.15	49.19	12.265		
5,200.00	5,091.68	5,171.55	4,951.68	25.80	27.00	-124.32	716.02	374.79	636.19	585.96	50.23	12.665		
5,300.00	5,189.32	5,278.75	5,054.31	26.31	27.58	-123.98	746.16	367.90	668.06	616.65	51.41	12.994		
5,400.00	5,286.95	5,380.09	5,151.54	26.81	28.11	-123.64	774.35	363.18	698.31	645.84	52.47	13.308		
5,500.00	5,384.59	5,482.37	5,250.67	27.32	28.63	-123.69	798.68	356.83	727.82	674.30	53.52	13.600		
5,600.00	5,482.23	5,593.17	5,359.07	27.82	29.15	-124.13	820.13	348.74	756.07	701.42	54.65	13.836		
5,700.00	5,579.87	5,716.79	5,480.55	28.33	29.73	-124.58	842.23	342.99	781.32	725.43	55.89	13.980		
5,800.00	5,677.50	5,832.38	5,594.38	28.84	30.25	-124.90	862.18	340.87	803.95	746.96	56.99	14.107		
5,900.00	5,775.14	5,946.13	5,706.89	29.34	30.75	-125.34	878.84	339.85	824.54	766.50	58.03	14.208		
6,000.00	5,872.78	6,035.98	5,795.87	29.85	31.14	-125.71	891.29	339.20	844.65	785.77	58.88	14.346		
6,100.00	5,970.41	6,138.85	5,897.76	30.36	31.59	-126.13	905.44	338.05	865.08	805.26	59.82	14.460		
6,200.00	6,068.05	6,257.62	6,015.63	30.86	32.10	-126.68	919.94	337.49	884.33	823.46	60.87	14.528		
6,300.00	6,165.69	6,381.23	6,138.66	31.37	32.59	-127.34	931.57	339.77	900.17	838.28	61.89	14.545		
6,400.00	6,263.33	6,485.33	6,242.52	31.88	33.00	-128.03	938.47	341.63	915.01	852.22	62.79	14.573		
6,500.00	6,360.96	6,582.21	6,342.28	32.38	33.46	-128.38	946.20	343.60	924.35	864.58	63.77	14.600		
6,600.00	6,458.60	6,684.16	6,442.92	32.89	33.93	-128.71	954.05	345.63	933.48	876.29	64.73	14.627		
6,628.42	6,486.35	6,712.91	6,470.67	33.04	34.08	-128.77	959.00	346.62	938.82	881.31	65.11	14.639		
6,650.00	6,507.49	6,733.75	6,491.81	33.14	34.18	-128.81	963.97	347.57	943.79	886.26	65.44	14.651		
6,700.00	6,556.88	6,784.17	6,541.20	33.37	34.39	-128.89	968.92	348.48	948.74	891.21	65.72	14.663		
6,750.00	6,606.60	6,834.16	6,591.20	33.58	34.59	-128.96	968.92	348.48	948.74	891.21	65.72	14.663		
6,800.00	6,656.35	6,884.16	6,641.20	33.76	34.76	-129.01	968.97	348.53	948.79	891.26	65.77	14.668		
6,850.00	6,705.83	6,933.65	6,690.69	33.94	34.93	-129.07	969.07	348.63	948.89	891.36	65.87	14.678		
6,900.00	6,754.72	6,982.54	6,739.58	34.12	35.10	-129.12	969.20	348.73	948.99	891.46	65.97	14.688		
6,950.00	6,802.72	7,031.43	6,788.58	34.31	35.29	-129.17	969.36	348.83	949.09	891.56	66.07	14.698		
7,000.00	6,849.54	7,080.29	6,837.40	34.50	35.46	-129.22	969.51	348.93	949.19	891.66	66.17	14.708		
7,050.00	6,894.89	7,129.18	6,882.29	34.71	35.67	-129.27	969.74	349.03	949.29	891.76	66.27	14.718		
7,100.00	6,938.49	7,178.07	6,926.19	34.93	35.87	-129.32	970.16	349.13	949.71	891.86	66.37	14.728		
7,150.00	6,980.07	7,219.56	6,967.68	35.17	36.07	-129.37	970.82	349.23	950.03	891.96	66.47	14.738		
7,200.00	7,019.38	7,258.83	6,999.99	35.43	36.26	-129.42	971.81	349.33	950.33	892.06	66.57	14.748		
7,250.00	7,056.17	7,295.04	7,026.20	35.71	36.49	-129.47	972.35	349.43	950.42	892.16	66.67	14.758		
7,300.00	7,090.21	7,328.65	7,059.15	36.03	36.73	-129.52	972.19	349.53	950.52	892.26	66.77	14.768		
7,329.55	7,108.95	7,347.40	7,077.90	36.23	36.90	-129.57	971.90	349.63	950.62	892.36	66.87	14.778		
7,350.00	7,121.30	7,360.09	7,090.20	36.37	37.07	-129.62	971.64	349.73	950.72	892.46	66.97	14.788		
7,400.00	7,149.25	7,387.96	7,118.15	36.75	37.29	-129.67	970.77	349.83	950.82	892.56	67.07	14.798		
7,450.00	7,173.87	7,412.00	7,142.19	37.17	37.59	-129.72	969.92	349.93	950.92	892.66	67.17	14.808		
7,500.00	7,195.03	7,433.64	7,163.85	37.62	37.89	-129.77	969.12	349.98	951.02	892.76	67.27	14.818		
7,550.00	7,212.58	7,451.74	7,181.90	38.11	38.19	-129.82	968.89	350.08	951.12	892.86	67.37	14.828		
7,600.00	7,226.43	7,466.94	7,197.10	38.64	38.62	-129.87	969.04	350.18	951.22	892.96	67.47	14.838		
7,650.00	7,236.48	7,478.00	7,208.15	39.20	39.10	-129.92	969.45	350.28	951.32	893.06	67.57	14.848		
7,700.00	7,242.68	7,486.02	7,216.17	39.79	39.67	-129.97	970.56	350.38	951.42	893.16	67.67	14.858		
7,753.32	7,245.00	7,491.53	7,221.68	40.44	40.32	-129.97	971.84	350.48	951.52	893.26	67.77	14.868		
7,800.00	7,245.08	7,496.68	7,226.83	41.04	40.92	-129.97	973.13	350.58	951.62	893.36	67.87	14.878		
7,900.00	7,245.26	7,498.77	7,228.92	42.43	42.31	-129.97	975.94	350.68	951.72	893.46	67.97	14.888		
8,000.00	7,245.43	7,500.86	7,231.01	43.97	43.85	-129.97	977.10	350.78	951.82	893.56	68.07	14.898		
8,100.00	7,245.61	7,502.95	7,233.10	45.64	45.52	-129.97	976.07	350.88	951.92	893.66	68.17	14.908		
8,200.00	7,245.79	7,505.04	7,235.19	47.42	47.30	-129.97	973.99	350.98	952.02	893.76	68.27	14.918		
8,300.00	7,245.97	7,507.13	7,237.28	49.30	49.18	-129.97	971.76	351.08	952.12	893.86	68.37	14.928		
8,400.00	7,246.14	7,509.22	7,239.37	51.28	51.16	-129.97	969.99	351.18	952.22	893.96	68.47	14.938		
8,500.00	7,246.32	7,511.31	7,241.46	53.34	53.22	-129.97	968.27	351.28	952.32	894.06	68.57	14.948		
8,600.00	7,246.50	7,513.40	7,243.55	55.46	55.34	-129.97	968.27	351.38	952.42	894.16	68.67	14.958		
8,700.00	7,246.67	7,515.49	7,245.64	57.66	57.54	-129.97	966.29	351.48	952.52	894.26	68.77	14.968		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
8,800.00	7,246.85	6,917.75	6,658.33	59.90	34.53	31.17	965.39	426.67	1,118.70	1,050.77	67.93	16.469		
8,900.00	7,247.03	6,885.00	6,630.10	62.20	34.44	29.86	963.89	410.14	1,200.01	1,131.96	68.05	17.635		
9,000.00	7,247.21	6,885.00	6,630.10	64.55	34.44	29.86	963.89	410.14	1,282.74	1,214.05	68.69	18.674		
9,100.00	7,247.38	6,885.00	6,630.10	66.93	34.44	29.86	963.89	410.14	1,367.79	1,298.59	69.20	19.765		
9,200.00	7,247.56	6,885.00	6,630.10	69.35	34.44	29.86	963.89	410.14	1,454.74	1,385.13	69.61	20.898		
9,300.00	7,247.74	6,844.15	6,593.63	71.80	34.30	28.26	961.42	391.95	1,541.36	1,471.86	69.50	22.178		
9,400.00	7,247.91	6,833.09	6,583.54	74.29	34.27	27.82	960.54	387.50	1,630.07	1,560.36	69.71	23.383		
9,500.00	7,248.09	6,823.01	6,574.27	76.79	34.23	27.43	959.66	383.64	1,719.78	1,649.88	69.90	24.605		
9,600.00	7,248.27	6,790.00	6,543.49	79.33	34.12	26.15	956.27	372.23	1,811.00	1,741.16	69.84	25.929		
9,700.00	7,248.45	6,790.00	6,543.49	81.88	34.12	26.15	956.27	372.23	1,902.00	1,831.91	70.08	27.140		
9,800.00	7,248.62	6,790.00	6,543.49	84.45	34.12	26.15	956.27	372.23	1,993.85	1,923.57	70.28	28.370		
9,900.00	7,248.80	6,790.00	6,543.49	87.04	34.12	26.15	956.27	372.23	2,086.46	2,016.01	70.45	29.616		
10,000.00	7,248.98	6,790.00	6,543.49	89.65	34.12	26.15	956.27	372.23	2,179.72	2,109.12	70.60	30.876		
10,100.00	7,249.15	6,790.00	6,543.49	92.28	34.12	26.15	956.27	372.23	2,273.55	2,202.83	70.72	32.148		
10,200.00	7,249.33	6,790.00	6,543.49	94.91	34.12	26.15	956.27	372.23	2,367.89	2,297.06	70.83	33.431		
10,300.00	7,249.51	6,790.00	6,543.49	97.56	34.12	26.15	956.27	372.23	2,462.67	2,391.75	70.92	34.723		
10,400.00	7,249.69	6,790.00	6,543.49	100.22	34.12	26.15	956.27	372.23	2,557.86	2,486.85	71.01	36.022		
10,500.00	7,249.86	6,790.00	6,543.49	102.89	34.12	26.15	956.27	372.23	2,653.39	2,582.31	71.08	37.328		
10,600.00	7,250.04	6,790.00	6,543.49	105.57	34.12	26.15	956.27	372.23	2,749.25	2,678.10	71.15	38.640		
10,700.00	7,250.22	6,751.01	6,506.31	108.27	33.98	24.72	952.22	361.22	2,843.67	2,772.58	71.09	40.000		
10,800.00	7,250.39	6,747.28	6,502.71	110.96	33.97	24.59	951.88	360.31	2,939.74	2,868.59	71.15	41.318		
10,900.00	7,250.57	6,743.74	6,499.29	113.67	33.96	24.47	951.56	359.47	3,036.03	2,964.83	71.20	42.640		
11,000.00	7,250.75	6,740.39	6,496.04	116.39	33.94	24.35	951.26	358.69	3,132.53	3,061.27	71.25	43.964		
11,100.00	7,250.93	6,737.20	6,492.95	119.11	33.93	24.24	950.99	357.97	3,229.21	3,157.91	71.30	45.290		
11,200.00	7,251.10	6,695.00	6,451.61	121.83	33.78	22.91	947.87	350.16	3,327.76	3,256.49	71.27	46.691		
11,300.00	7,251.28	6,695.00	6,451.61	124.57	33.78	22.91	947.87	350.16	3,424.54	3,353.21	71.33	48.010		
11,400.00	7,251.46	6,695.00	6,451.61	127.31	33.78	22.91	947.87	350.16	3,521.50	3,450.11	71.39	49.331		
11,500.00	7,251.63	6,695.00	6,451.61	130.05	33.78	22.91	947.87	350.16	3,618.63	3,547.19	71.44	50.654		
11,600.00	7,251.81	6,695.00	6,451.61	132.80	33.78	22.91	947.87	350.16	3,715.90	3,644.41	71.49	51.979		
11,700.00	7,251.99	6,695.00	6,451.61	135.55	33.78	22.91	947.87	350.16	3,813.32	3,741.78	71.54	53.305		
11,800.00	7,252.17	6,695.00	6,451.61	138.31	33.78	22.91	947.87	350.16	3,910.87	3,839.28	71.59	54.632		
11,900.00	7,252.34	6,695.00	6,451.61	141.07	33.78	22.91	947.87	350.16	4,008.54	3,936.91	71.63	55.960		
12,000.00	7,252.52	6,695.00	6,451.61	143.84	33.78	22.91	947.87	350.16	4,106.32	4,034.64	71.68	57.288		
12,100.00	7,252.70	6,695.00	6,451.61	146.61	33.78	22.91	947.87	350.16	4,204.21	4,132.48	71.72	58.617		
12,200.00	7,252.87	6,695.00	6,451.61	149.38	33.78	22.91	947.87	350.16	4,302.19	4,230.42	71.77	59.945		
12,300.00	7,253.05	6,695.00	6,451.61	152.16	33.78	22.91	947.87	350.16	4,400.26	4,328.45	71.81	61.273		
12,400.00	7,253.23	6,695.00	6,451.61	154.94	33.78	22.91	947.87	350.16	4,498.42	4,426.56	71.86	62.601		
12,500.00	7,253.41	6,695.00	6,451.61	157.72	33.78	22.91	947.87	350.16	4,596.66	4,524.76	71.90	63.928		
12,600.00	7,253.58	6,695.00	6,451.61	160.51	33.78	22.91	947.87	350.16	4,694.97	4,623.02	71.95	65.254		
12,700.00	7,253.76	6,695.00	6,451.61	163.29	33.78	22.91	947.87	350.16	4,793.36	4,721.36	71.99	66.580		
12,800.00	7,253.94	6,695.00	6,451.61	166.08	33.78	22.91	947.87	350.16	4,891.80	4,819.76	72.04	67.904		
12,900.00	7,254.11	6,695.00	6,451.61	168.88	33.78	22.91	947.87	350.16	4,990.31	4,918.23	72.09	69.227		
13,000.00	7,254.29	6,695.00	6,451.61	171.67	33.78	22.91	947.87	350.16	5,088.88	5,016.75	72.13	70.549		
13,100.00	7,254.47	6,695.00	6,451.61	174.47	33.78	22.91	947.87	350.16	5,187.50	5,115.32	72.18	71.869		
13,200.00	7,254.65	6,695.00	6,451.61	177.27	33.78	22.91	947.87	350.16	5,286.18	5,213.95	72.23	73.188		
13,300.00	7,254.82	6,695.00	6,451.61	180.07	33.78	22.91	947.87	350.16	5,384.90	5,312.63	72.28	74.505		
13,400.00	7,255.00	6,695.00	6,451.61	182.87	33.78	22.91	947.87	350.16	5,483.67	5,411.35	72.32	75.820		
13,500.00	7,255.18	6,695.00	6,451.61	185.67	33.78	22.91	947.87	350.16	5,582.49	5,510.11	72.37	77.134		
13,600.00	7,255.35	6,695.00	6,451.61	188.48	33.78	22.91	947.87	350.16	5,681.34	5,608.92	72.42	78.445		
13,700.00	7,255.53	6,695.00	6,451.61	191.29	33.78	22.91	947.87	350.16	5,780.23	5,707.76	72.48	79.755		
13,800.00	7,255.71	6,695.00	6,451.61	194.10	33.78	22.91	947.87	350.16	5,879.17	5,806.64	72.53	81.062		
13,900.00	7,255.89	6,695.00	6,451.61	196.91	33.78	22.91	947.87	350.16	5,978.13	5,905.55	72.58	82.367		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
14,000.00	7,256.06	6,695.00	6,451.61	199.72	33.78	22.91	947.87	350.16	6,077.13	6,004.50	72.63	83.670		
14,100.00	7,256.24	6,695.00	6,451.61	202.53	33.78	22.91	947.87	350.16	6,176.17	6,103.48	72.69	84.970		
14,200.00	7,256.42	6,695.00	6,451.61	205.35	33.78	22.91	947.87	350.16	6,275.23	6,202.49	72.74	86.268		
14,300.00	7,256.59	6,695.00	6,451.61	208.16	33.78	22.91	947.87	350.16	6,374.32	6,301.53	72.80	87.563		
14,400.00	7,256.77	6,695.00	6,451.61	210.98	33.78	22.91	947.87	350.16	6,473.45	6,400.59	72.85	88.856		
14,500.00	7,256.95	6,695.00	6,451.61	213.80	33.78	22.91	947.87	350.16	6,572.59	6,499.68	72.91	90.146		
14,600.00	7,257.13	6,695.00	6,451.61	216.62	33.78	22.91	947.87	350.16	6,671.77	6,598.80	72.97	91.433		
14,700.00	7,257.30	6,695.00	6,451.61	219.44	33.78	22.91	947.87	350.16	6,770.96	6,697.94	73.03	92.717		
14,800.00	7,257.48	6,695.00	6,451.61	222.26	33.78	22.91	947.87	350.16	6,870.18	6,797.10	73.09	93.999		
14,900.00	7,257.66	6,695.00	6,451.61	225.08	33.78	22.91	947.87	350.16	6,969.43	6,896.28	73.15	95.278		
15,000.00	7,257.83	6,695.00	6,451.61	227.91	33.78	22.91	947.87	350.16	7,068.69	6,995.48	73.21	96.554		
15,100.00	7,258.01	6,695.00	6,451.61	230.73	33.78	22.91	947.87	350.16	7,167.98	7,094.70	73.27	97.827		
15,200.00	7,258.19	6,695.00	6,451.61	233.56	33.78	22.91	947.87	350.16	7,267.28	7,193.95	73.34	99.096		
15,300.00	7,258.37	6,695.00	6,451.61	236.38	33.78	22.91	947.87	350.16	7,366.60	7,293.20	73.40	100.363		
15,400.00	7,258.54	6,695.00	6,451.61	239.21	33.78	22.91	947.87	350.16	7,465.95	7,392.48	73.46	101.626		
15,500.00	7,258.72	6,695.00	6,451.61	242.04	33.78	22.91	947.87	350.16	7,565.30	7,491.77	73.53	102.887		
15,600.00	7,258.90	6,695.00	6,451.61	244.87	33.78	22.91	947.87	350.16	7,664.68	7,591.08	73.60	104.144		
15,700.00	7,259.08	6,695.00	6,451.61	247.70	33.78	22.91	947.87	350.16	7,764.07	7,690.41	73.66	105.398		
15,800.00	7,259.25	6,695.00	6,451.61	250.53	33.78	22.91	947.87	350.16	7,863.48	7,789.75	73.73	106.648		
15,900.00	7,259.43	6,695.00	6,451.61	253.36	33.78	22.91	947.87	350.16	7,962.90	7,889.10	73.80	107.895		
16,000.00	7,259.61	6,695.00	6,451.61	256.19	33.78	22.91	947.87	350.16	8,062.34	7,988.46	73.87	109.139		
16,100.00	7,259.78	6,695.00	6,451.61	259.02	33.78	22.91	947.87	350.16	8,161.79	8,087.84	73.94	110.379		
16,200.00	7,259.96	6,695.00	6,451.61	261.85	33.78	22.91	947.87	350.16	8,261.25	8,187.23	74.01	111.616		
16,300.00	7,260.14	6,695.00	6,451.61	264.68	33.78	22.91	947.87	350.16	8,360.72	8,286.64	74.09	112.850		
16,400.00	7,260.32	6,695.00	6,451.61	267.52	33.78	22.91	947.87	350.16	8,460.21	8,386.05	74.16	114.080		
16,500.00	7,260.49	6,695.00	6,451.61	270.35	33.78	22.91	947.87	350.16	8,559.71	8,485.48	74.23	115.306		
16,600.00	7,260.67	6,695.00	6,451.61	273.19	33.78	22.91	947.87	350.16	8,659.22	8,584.91	74.31	116.529		
16,700.00	7,260.85	6,695.00	6,451.61	276.02	33.78	22.91	947.87	350.16	8,758.75	8,684.36	74.39	117.748		
16,800.00	7,261.02	6,695.00	6,451.61	278.86	33.78	22.91	947.87	350.16	8,858.28	8,783.82	74.46	118.963		
16,900.00	7,261.20	6,695.00	6,451.61	281.69	33.78	22.91	947.87	350.16	8,957.82	8,883.28	74.54	120.175		
17,000.00	7,261.38	6,695.00	6,451.61	284.53	33.78	22.91	947.87	350.16	9,057.38	8,982.76	74.62	121.383		
17,100.00	7,261.56	6,695.00	6,451.61	287.37	33.78	22.91	947.87	350.16	9,156.94	9,082.24	74.70	122.587		
17,200.00	7,261.73	6,695.00	6,451.61	290.21	33.78	22.91	947.87	350.16	9,256.52	9,181.74	74.78	123.788		
17,300.00	7,261.91	6,695.00	6,451.61	293.04	33.78	22.91	947.87	350.16	9,356.10	9,281.24	74.86	124.985		
17,400.00	7,262.09	6,695.00	6,451.61	295.88	33.78	22.91	947.87	350.16	9,455.69	9,380.75	74.94	126.178		
17,500.00	7,262.26	6,695.00	6,451.61	298.72	33.78	22.91	947.87	350.16	9,555.29	9,480.27	75.02	127.367		
17,600.00	7,262.44	6,695.00	6,451.61	301.56	33.78	22.91	947.87	350.16	9,654.90	9,579.79	75.10	128.553		
17,700.00	7,262.62	6,695.00	6,451.61	304.40	33.78	22.91	947.87	350.16	9,754.51	9,679.32	75.19	129.734		
17,800.00	7,262.80	6,695.00	6,451.61	307.24	33.78	22.91	947.87	350.16	9,854.14	9,778.86	75.27	130.912		
17,900.00	7,262.97	6,695.00	6,451.61	310.08	33.78	22.91	947.87	350.16	9,953.77	9,878.41	75.36	132.086		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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
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	143.85	-692.53	505.87	857.69					
100.00	100.00	97.85	97.85	3.28	3.29	143.85	-692.07	505.65	857.16	850.59	6.57	130.420		
200.00	200.00	207.77	207.75	3.34	3.31	143.82	-690.44	504.88	855.55	848.90	6.65	128.641		
300.00	299.98	317.61	317.55	3.44	3.36	78.41	-687.63	503.56	852.42	845.62	6.80	125.327		
400.00	399.84	427.22	427.07	3.60	3.42	78.83	-683.67	501.68	847.45	840.43	7.02	120.694		
500.00	499.45	553.88	553.47	3.81	3.61	79.57	-676.06	499.05	839.71	832.27	7.43	112.987		
600.00	598.70	676.17	675.11	4.06	3.87	80.43	-663.73	497.17	828.38	820.42	7.95	104.133		
700.00	697.47	805.07	802.66	4.34	4.21	81.47	-645.24	496.09	813.49	804.89	8.60	94.571		
800.00	795.62	940.88	935.93	4.66	4.63	82.80	-619.19	494.50	794.01	784.64	9.37	84.735		
824.00	819.08	974.89	969.06	4.75	4.74	83.18	-611.58	493.85	788.55	778.97	9.57	82.370		
900.00	893.28	1,065.12	1,056.59	5.02	5.06	83.93	-589.81	491.34	769.77	759.62	10.16	75.800		
1,000.00	990.92	1,161.54	1,149.94	5.40	5.43	84.84	-565.99	487.52	744.15	733.30	10.85	68.593		
1,100.00	1,088.56	1,269.51	1,254.47	5.80	5.86	86.02	-539.52	482.15	718.42	706.78	11.64	61.734		
1,200.00	1,186.19	1,390.37	1,370.56	6.21	6.39	87.48	-506.88	474.04	689.87	677.36	12.50	55.179		
1,300.00	1,283.83	1,490.13	1,465.64	6.64	6.84	88.61	-477.28	468.31	659.78	646.47	13.31	49.576		
1,400.00	1,381.47	1,584.97	1,555.70	7.08	7.29	89.71	-447.99	463.06	628.95	614.82	14.12	44.536		
1,500.00	1,479.10	1,663.43	1,630.57	7.53	7.66	90.65	-424.74	459.94	600.13	585.21	14.91	40.241		
1,600.00	1,576.74	1,749.92	1,713.58	7.99	8.07	91.75	-400.58	457.45	573.55	557.80	15.74	36.427		
1,700.00	1,674.38	1,837.74	1,798.31	8.45	8.49	93.13	-377.77	454.09	548.65	532.05	16.60	33.056		
1,800.00	1,772.02	1,936.75	1,894.03	8.92	8.96	94.93	-352.87	449.51	524.61	507.13	17.48	30.004		
1,900.00	1,869.65	2,043.73	1,997.02	9.39	9.48	97.02	-324.40	444.41	499.67	481.28	18.39	27.172		
2,000.00	1,967.29	2,139.75	2,089.12	9.87	9.96	99.06	-297.66	439.79	474.12	454.83	19.29	24.575		
2,100.00	2,064.93	2,235.67	2,181.16	10.35	10.44	101.20	-270.88	436.15	449.43	429.22	20.21	22.243		
2,200.00	2,162.56	2,338.46	2,279.13	10.83	10.96	103.59	-239.96	432.91	423.39	402.27	21.12	20.049		
2,300.00	2,260.20	2,428.02	2,364.72	11.32	11.42	106.05	-213.82	429.48	398.84	376.78	22.06	18.079		
2,400.00	2,357.84	2,521.21	2,453.89	11.80	11.90	108.83	-186.89	426.45	375.57	352.57	23.01	16.325		
2,500.00	2,455.48	2,611.92	2,541.09	12.29	12.36	111.92	-162.14	423.23	354.89	330.92	23.97	14.808		
2,600.00	2,553.11	2,712.35	2,637.54	12.78	12.87	115.46	-134.23	421.32	335.07	310.17	24.90	13.455		
2,700.00	2,650.75	2,813.64	2,734.42	13.27	13.39	119.48	-104.72	419.31	315.22	289.38	25.84	12.200		
2,800.00	2,748.39	2,912.12	2,828.07	13.77	13.91	123.79	-74.30	418.05	295.12	268.33	26.79	11.016		
2,900.00	2,846.02	3,004.95	2,916.37	14.26	14.40	128.47	-45.71	416.43	277.02	249.23	27.79	9.968		
3,000.00	2,943.66	3,094.00	3,001.47	14.76	14.86	133.46	-19.53	414.63	262.65	233.83	28.81	9.115		
3,100.00	3,041.30	3,188.39	3,092.38	15.25	15.34	139.02	5.79	412.75	253.25	223.46	29.80	8.499		
3,200.00	3,138.94	3,288.59	3,188.41	15.75	15.86	145.47	34.31	410.68	245.28	214.52	30.77	7.973		
3,300.00	3,236.57	3,380.11	3,275.93	16.25	16.34	151.81	60.96	408.44	240.26	208.50	31.75	7.566		
3,330.29	3,266.15	3,406.76	3,301.59	16.40	16.48	153.60	68.13	407.79	239.96	207.92	32.05	7.488		
3,400.00	3,334.21	3,470.60	3,363.26	16.75	16.80	157.83	84.55	405.96	241.24	208.54	32.70	7.378		
3,500.00	3,431.85	3,565.55	3,454.85	17.25	17.29	164.26	109.19	401.64	246.79	213.17	33.63	7.339		
3,600.00	3,529.48	3,661.06	3,546.45	17.75	17.79	170.86	135.67	396.13	255.58	221.02	34.55	7.396		
3,700.00	3,627.12	3,756.78	3,638.47	18.25	18.28	176.81	161.54	391.14	267.60	232.13	35.47	7.544		
3,800.00	3,724.76	3,855.38	3,733.43	18.75	18.79	-177.77	187.74	386.92	281.77	245.35	36.42	7.737		
3,900.00	3,822.40	3,956.36	3,829.76	19.25	19.33	-172.22	217.72	383.08	296.82	259.41	37.41	7.934		
4,000.00	3,920.03	4,050.87	3,918.31	19.75	19.86	-166.65	250.54	379.31	313.37	275.02	38.35	8.172		
4,100.00	4,017.67	4,142.42	4,003.38	20.25	20.39	-161.46	284.09	374.95	333.24	294.00	39.23	8.493		
4,200.00	4,115.31	4,230.76	4,085.83	20.76	20.90	-157.14	315.43	370.09	356.49	316.43	40.05	8.900		
4,300.00	4,212.94	4,332.59	4,181.99	21.26	21.46	-153.28	348.36	364.25	381.87	340.75	41.12	9.288		
4,400.00	4,310.58	4,428.19	4,273.85	21.76	21.96	-150.81	374.53	360.35	406.50	364.45	42.05	9.667		
4,500.00	4,408.22	4,524.57	4,367.05	22.27	22.45	-148.91	398.68	356.05	431.88	388.89	42.99	10.046		
4,600.00	4,505.86	4,621.40	4,460.55	22.77	22.95	-147.13	423.55	352.03	457.45	413.51	43.94	10.410		
4,700.00	4,603.49	4,724.34	4,559.70	23.28	23.49	-145.30	451.02	348.77	482.63	437.63	45.00	10.726		
4,800.00	4,701.13	4,817.03	4,649.16	23.78	23.96	-143.88	475.14	346.14	507.73	461.84	45.89	11.065		
4,900.00	4,798.77	4,911.63	4,740.66	24.28	24.44	-142.67	498.91	342.86	533.52	486.72	46.80	11.399		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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
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	4,896.40	5,004.41	4,830.18	24.79	24.92	-141.51	523.04	339.42	559.94	512.24	47.70	11.739		
5,100.00	4,994.04	5,098.51	4,920.95	25.30	25.41	-140.44	547.55	335.54	586.98	538.36	48.62	12.073		
5,200.00	5,091.68	5,197.10	5,015.78	25.80	25.92	-139.31	574.25	331.87	614.11	564.49	49.61	12.378		
5,300.00	5,189.32	5,304.02	5,118.80	26.31	26.47	-138.23	602.68	328.71	640.60	589.87	50.72	12.629		
5,400.00	5,286.95	5,423.40	5,235.71	26.81	27.04	-137.77	626.53	326.71	664.03	612.10	51.93	12.787		
5,500.00	5,384.59	5,528.87	5,340.08	27.32	27.51	-137.87	641.66	325.32	685.58	632.67	52.91	12.957		
5,600.00	5,482.23	5,636.33	5,446.85	27.82	27.96	-138.24	653.71	324.17	706.04	652.16	53.88	13.103		
5,700.00	5,579.87	5,754.07	5,564.28	28.33	28.43	-138.96	662.04	323.99	724.54	669.65	54.89	13.200		
5,800.00	5,677.50	5,842.47	5,652.55	28.84	28.77	-139.58	666.95	324.07	742.45	686.77	55.68	13.335		
5,900.00	5,775.14	5,929.81	5,739.73	29.34	29.12	-140.15	672.15	323.15	761.67	705.22	56.45	13.493		
6,000.00	5,872.78	6,031.01	5,840.74	29.85	29.51	-140.81	678.06	321.50	781.49	724.16	57.33	13.632		
6,100.00	5,970.41	6,145.91	5,955.54	30.36	29.95	-141.62	682.83	321.13	799.73	741.43	58.30	13.718		
6,200.00	6,068.05	6,240.22	6,049.81	30.86	30.31	-142.34	685.56	321.00	817.67	758.56	59.11	13.833		
6,300.00	6,165.69	6,339.86	6,149.43	31.37	30.67	-143.17	686.84	320.53	835.75	775.79	59.95	13.940		
6,400.00	6,263.33	6,439.26	6,248.84	31.88	31.03	-144.04	687.15	320.03	853.84	793.06	60.78	14.047		
6,500.00	6,360.96	7,883.97	7,139.97	32.38	38.81	-125.65	701.08	1,171.06	807.21	789.11	18.10	44.587		
6,600.00	6,458.60	7,905.18	7,140.07	32.89	39.14	-122.13	701.47	1,192.27	710.08	691.35	18.73	37.915		
6,628.42	6,486.35	7,911.16	7,140.09	33.04	39.23	-121.01	701.58	1,198.24	682.51	663.57	18.94	36.042		
6,650.00	6,507.49	7,915.32	7,140.11	33.14	39.29	-110.90	701.66	1,202.40	661.52	642.42	19.10	34.626		
6,700.00	6,556.88	7,922.02	7,140.13	33.37	39.39	-74.06	701.78	1,209.10	612.51	593.00	19.51	31.399		
6,750.00	6,606.60	7,924.65	7,140.14	33.58	39.43	-9.39	701.83	1,211.73	563.23	543.29	19.94	28.240		
6,800.00	6,656.35	7,923.23	7,140.13	33.76	39.41	56.83	701.81	1,210.31	514.02	493.58	20.44	25.144		
6,850.00	6,705.83	7,917.80	7,140.12	33.94	39.33	92.96	701.70	1,204.88	465.21	444.16	21.05	22.102		
6,900.00	6,754.72	7,908.43	7,140.08	34.12	39.19	111.40	701.53	1,195.51	417.14	395.32	21.83	19.112		
6,950.00	6,802.72	7,895.21	7,140.03	34.31	38.98	121.48	701.28	1,182.30	370.18	347.31	22.87	16.189		
7,000.00	6,849.54	7,878.27	7,139.94	34.50	38.73	127.05	700.98	1,165.35	324.69	300.39	24.30	13.361		
7,050.00	6,894.89	7,858.33	7,139.82	34.71	38.44	129.90	700.63	1,145.42	281.08	254.78	26.30	10.687		
7,100.00	6,938.49	7,835.64	7,139.73	34.93	38.13	130.74	700.33	1,122.73	239.91	210.77	29.14	8.232		
7,150.00	6,980.07	7,809.48	7,139.69	35.17	37.77	129.67	700.14	1,096.57	201.83	168.60	33.23	6.074		
7,200.00	7,019.38	7,779.96	7,139.74	35.43	37.37	126.62	700.10	1,067.05	167.65	128.65	39.00	4.299		
7,250.00	7,056.17	7,744.92	7,139.74	35.71	36.93	120.70	700.16	1,032.01	138.25	91.35	46.90	2.948		
7,300.00	7,090.21	7,707.20	7,139.22	36.03	36.49	111.98	700.01	994.30	114.53	57.91	56.62	2.023		
7,350.00	7,121.30	7,668.90	7,137.42	36.37	36.07	100.44	700.08	956.04	98.55	31.98	66.56	1.481 Level 3		
7,400.00	7,149.25	7,630.70	7,134.15	36.75	35.66	86.82	700.51	917.99	92.70	20.25	72.45	1.279 Level 3		
7,401.44	7,150.00	7,629.54	7,134.03	36.76	35.65	86.39	700.54	916.84	92.69	20.17	72.52	1.278 Level 3, CC, ES, SF		
7,450.00	7,173.87	7,591.26	7,128.90	37.17	35.31	72.22	701.07	878.91	97.21	25.69	71.52	1.359 Level 3		
7,500.00	7,195.03	7,553.14	7,121.52	37.62	34.99	59.19	701.26	841.52	109.76	43.61	66.15	1.659		
7,550.00	7,212.58	7,516.97	7,112.43	38.11	34.74	48.76	701.19	806.51	127.53	67.17	60.37	2.113		
7,600.00	7,226.43	7,482.90	7,101.98	38.64	34.53	40.95	701.51	774.10	148.58	92.33	56.25	2.641		
7,650.00	7,236.48	7,449.58	7,089.99	39.20	34.36	35.06	702.32	743.02	171.32	117.42	53.90	3.179		
7,700.00	7,242.68	7,415.23	7,075.89	39.79	34.21	30.47	703.48	711.72	194.63	141.94	52.68	3.694		
7,753.32	7,245.00	7,378.03	7,058.85	40.44	34.08	26.58	704.37	678.67	218.98	166.79	52.19	4.196		
7,800.00	7,245.08	7,344.00	7,041.72	41.04	33.97	24.59	704.78	649.28	240.90	189.04	51.87	4.645		
7,900.00	7,245.26	7,288.13	7,010.06	42.43	33.81	21.36	704.44	603.27	294.27	240.99	53.29	5.522		
8,000.00	7,245.43	7,237.04	6,977.25	43.97	33.68	18.52	702.94	564.17	355.73	300.93	54.80	6.492		
8,100.00	7,245.61	7,189.52	6,944.19	45.64	33.55	16.25	701.44	530.07	423.29	367.06	56.22	7.529		
8,200.00	7,245.79	7,154.00	6,918.13	47.42	33.45	14.81	700.53	505.95	495.63	437.64	57.99	8.547		
8,300.00	7,245.97	7,111.36	6,885.34	49.30	33.33	13.29	699.41	478.74	571.74	512.83	58.91	9.706		
8,400.00	7,246.14	7,079.47	6,859.75	51.28	33.24	12.26	698.39	459.74	651.16	591.10	60.06	10.842		
8,500.00	7,246.32	7,060.00	6,843.71	53.34	33.18	11.67	697.70	448.73	733.37	672.02	61.36	11.952		
8,600.00	7,246.50	7,021.61	6,811.33	55.46	33.07	10.59	696.14	428.16	817.39	755.63	61.76	13.235		
8,700.00	7,246.67	6,995.83	6,789.11	57.66	32.99	9.93	694.96	415.15	903.21	840.80	62.42	14.471		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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
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	7,246.85	6,966.00	6,762.94	59.90	32.89	9.20	693.44	400.92	990.52	927.68	62.84	15.762		
8,900.00	7,247.03	6,966.00	6,762.94	62.20	32.89	9.20	693.44	400.92	1,079.21	1,015.45	63.76	16.925		
9,000.00	7,247.21	6,937.92	6,737.81	64.55	32.80	8.59	692.05	388.47	1,168.79	1,104.76	64.03	18.254		
9,100.00	7,247.38	6,923.53	6,724.73	66.93	32.75	8.30	691.42	382.50	1,259.58	1,195.13	64.45	19.543		
9,200.00	7,247.56	6,910.44	6,712.72	69.35	32.71	8.06	690.90	377.33	1,351.26	1,286.44	64.82	20.848		
9,300.00	7,247.74	6,872.00	6,676.86	71.80	32.58	7.42	689.67	363.53	1,444.50	1,379.64	64.85	22.274		
9,400.00	7,247.91	6,872.00	6,676.86	74.29	32.58	7.42	689.67	363.53	1,537.10	1,471.84	65.27	23.552		
9,500.00	7,248.09	6,872.00	6,676.86	76.79	32.58	7.42	689.67	363.53	1,630.58	1,564.98	65.61	24.854		
9,600.00	7,248.27	6,872.00	6,676.86	79.33	32.58	7.42	689.67	363.53	1,724.80	1,658.91	65.89	26.178		
9,700.00	7,248.45	6,872.00	6,676.86	81.88	32.58	7.42	689.67	363.53	1,819.63	1,753.50	66.12	27.518		
9,800.00	7,248.62	6,872.00	6,676.86	84.45	32.58	7.42	689.67	363.53	1,914.98	1,848.66	66.33	28.873		
9,900.00	7,248.80	6,872.00	6,676.86	87.04	32.58	7.42	689.67	363.53	2,010.79	1,944.29	66.50	30.239		
10,000.00	7,248.98	6,834.76	6,641.44	89.65	32.45	6.91	688.91	352.09	2,105.70	2,039.20	66.50	31.664		
10,100.00	7,249.15	6,827.80	6,634.76	92.28	32.43	6.82	688.83	350.15	2,201.73	2,135.10	66.63	33.046		
10,200.00	7,249.33	6,821.29	6,628.49	94.91	32.41	6.74	688.76	348.40	2,298.02	2,231.28	66.74	34.432		
10,300.00	7,249.51	6,815.18	6,622.59	97.56	32.39	6.68	688.71	346.80	2,394.54	2,327.70	66.85	35.822		
10,400.00	7,249.69	6,777.00	6,585.45	100.22	32.25	6.29	688.69	337.95	2,492.22	2,425.36	66.86	37.274		
10,500.00	7,249.86	6,777.00	6,585.45	102.89	32.25	6.29	688.69	337.95	2,588.86	2,521.88	66.98	38.653		
10,600.00	7,250.04	6,777.00	6,585.45	105.57	32.25	6.29	688.69	337.95	2,685.75	2,618.67	67.08	40.038		
10,700.00	7,250.22	6,777.00	6,585.45	108.27	32.25	6.29	688.69	337.95	2,782.85	2,715.68	67.17	41.428		
10,800.00	7,250.39	6,777.00	6,585.45	110.96	32.25	6.29	688.69	337.95	2,880.16	2,812.90	67.26	42.821		
10,900.00	7,250.57	6,777.00	6,585.45	113.67	32.25	6.29	688.69	337.95	2,977.64	2,910.30	67.34	44.218		
11,000.00	7,250.75	6,777.00	6,585.45	116.39	32.25	6.29	688.69	337.95	3,075.28	3,007.87	67.42	45.617		
11,100.00	7,250.93	6,777.00	6,585.45	119.11	32.25	6.29	688.69	337.95	3,173.07	3,105.59	67.49	47.018		
11,200.00	7,251.10	6,777.00	6,585.45	121.83	32.25	6.29	688.69	337.95	3,271.00	3,203.45	67.55	48.421		
11,300.00	7,251.28	6,777.00	6,585.45	124.57	32.25	6.29	688.69	337.95	3,369.05	3,301.43	67.62	49.825		
11,400.00	7,251.46	6,777.00	6,585.45	127.31	32.25	6.29	688.69	337.95	3,467.20	3,399.53	67.68	51.230		
11,500.00	7,251.63	6,777.00	6,585.45	130.05	32.25	6.29	688.69	337.95	3,565.47	3,497.73	67.74	52.636		
11,600.00	7,251.81	6,777.00	6,585.45	132.80	32.25	6.29	688.69	337.95	3,663.82	3,596.02	67.80	54.042		
11,700.00	7,251.99	6,777.00	6,585.45	135.55	32.25	6.29	688.69	337.95	3,762.26	3,694.41	67.85	55.448		
11,800.00	7,252.17	6,777.00	6,585.45	138.31	32.25	6.29	688.69	337.95	3,860.78	3,792.88	67.91	56.854		
11,900.00	7,252.34	6,777.00	6,585.45	141.07	32.25	6.29	688.69	337.95	3,959.38	3,891.42	67.96	58.259		
12,000.00	7,252.52	6,777.00	6,585.45	143.84	32.25	6.29	688.69	337.95	4,058.04	3,990.03	68.01	59.664		
12,100.00	7,252.70	6,777.00	6,585.45	146.61	32.25	6.29	688.69	337.95	4,156.77	4,088.70	68.07	61.068		
12,200.00	7,252.87	6,777.00	6,585.45	149.38	32.25	6.29	688.69	337.95	4,255.56	4,187.44	68.12	62.471		
12,300.00	7,253.05	6,777.00	6,585.45	152.16	32.25	6.29	688.69	337.95	4,354.40	4,286.23	68.17	63.872		
12,400.00	7,253.23	6,777.00	6,585.45	154.94	32.25	6.29	688.69	337.95	4,453.30	4,385.07	68.23	65.273		
12,500.00	7,253.41	6,777.00	6,585.45	157.72	32.25	6.29	688.69	337.95	4,552.24	4,483.96	68.28	66.672		
12,600.00	7,253.58	6,736.50	6,545.61	160.51	32.11	5.94	688.82	330.74	4,649.90	4,581.55	68.35	68.032		
12,700.00	7,253.76	6,734.58	6,543.70	163.29	32.10	5.93	688.82	330.46	4,748.80	4,680.40	68.40	69.423		
12,800.00	7,253.94	6,732.72	6,541.86	166.08	32.10	5.91	688.82	330.19	4,847.75	4,779.29	68.46	70.812		
12,900.00	7,254.11	6,730.92	6,540.09	168.88	32.09	5.90	688.82	329.93	4,946.73	4,878.21	68.52	72.199		
13,000.00	7,254.29	6,729.19	6,538.38	171.67	32.08	5.88	688.81	329.68	5,045.75	4,977.17	68.57	73.584		
13,100.00	7,254.47	6,727.52	6,536.72	174.47	32.08	5.87	688.81	329.45	5,144.80	5,076.17	68.63	74.966		
13,200.00	7,254.65	6,725.90	6,535.12	177.27	32.07	5.85	688.81	329.23	5,243.88	5,175.19	68.69	76.347		
13,300.00	7,254.82	6,724.34	6,533.57	180.07	32.07	5.84	688.81	329.02	5,342.99	5,274.25	68.74	77.724		
13,400.00	7,255.00	6,682.00	6,491.46	182.87	31.92	5.50	688.61	324.65	5,443.46	5,374.63	68.83	79.089		
13,500.00	7,255.18	6,682.00	6,491.46	185.67	31.92	5.50	688.61	324.65	5,542.53	5,473.64	68.89	80.460		
13,600.00	7,255.35	6,682.00	6,491.46	188.48	31.92	5.50	688.61	324.65	5,641.63	5,572.69	68.94	81.829		
13,700.00	7,255.53	6,682.00	6,491.46	191.29	31.92	5.50	688.61	324.65	5,740.77	5,671.77	69.00	83.195		
13,800.00	7,255.71	6,682.00	6,491.46	194.10	31.92	5.50	688.61	324.65	5,839.94	5,770.87	69.06	84.558		
13,900.00	7,255.89	6,682.00	6,491.46	196.91	31.92	5.50	688.61	324.65	5,939.13	5,870.01	69.12	85.919		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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
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		
14,000.00	7,256.06	6,682.00	6,491.46	199.72	31.92	5.50	688.61	324.65	6,038.35	5,969.16	69.19	87.277		
14,100.00	7,256.24	6,682.00	6,491.46	202.53	31.92	5.50	688.61	324.65	6,137.60	6,068.35	69.25	88.632		
14,200.00	7,256.42	6,682.00	6,491.46	205.35	31.92	5.50	688.61	324.65	6,236.87	6,167.56	69.31	89.985		
14,300.00	7,256.59	6,682.00	6,491.46	208.16	31.92	5.50	688.61	324.65	6,336.16	6,266.78	69.37	91.334		
14,400.00	7,256.77	6,682.00	6,491.46	210.98	31.92	5.50	688.61	324.65	6,435.47	6,366.04	69.44	92.680		
14,500.00	7,256.95	6,682.00	6,491.46	213.80	31.92	5.50	688.61	324.65	6,534.81	6,465.31	69.50	94.023		
14,600.00	7,257.13	6,682.00	6,491.46	216.62	31.92	5.50	688.61	324.65	6,634.16	6,564.60	69.57	95.363		
14,700.00	7,257.30	6,682.00	6,491.46	219.44	31.92	5.50	688.61	324.65	6,733.54	6,663.90	69.63	96.700		
14,800.00	7,257.48	6,682.00	6,491.46	222.26	31.92	5.50	688.61	324.65	6,832.93	6,763.23	69.70	98.033		
14,900.00	7,257.66	6,682.00	6,491.46	225.08	31.92	5.50	688.61	324.65	6,932.34	6,862.57	69.77	99.363		
15,000.00	7,257.83	6,682.00	6,491.46	227.91	31.92	5.50	688.61	324.65	7,031.77	6,961.93	69.84	100.690		
15,100.00	7,258.01	6,682.00	6,491.46	230.73	31.92	5.50	688.61	324.65	7,131.21	7,061.31	69.90	102.013		
15,200.00	7,258.19	6,682.00	6,491.46	233.56	31.92	5.50	688.61	324.65	7,230.67	7,160.69	69.97	103.333		
15,300.00	7,258.37	6,682.00	6,491.46	236.38	31.92	5.50	688.61	324.65	7,330.14	7,260.10	70.05	104.649		
15,400.00	7,258.54	6,682.00	6,491.46	239.21	31.92	5.50	688.61	324.65	7,429.63	7,359.51	70.12	105.962		
15,500.00	7,258.72	6,682.00	6,491.46	242.04	31.92	5.50	688.61	324.65	7,529.13	7,458.94	70.19	107.270		
15,600.00	7,258.90	6,682.00	6,491.46	244.87	31.92	5.50	688.61	324.65	7,628.64	7,558.38	70.26	108.576		
15,700.00	7,259.08	6,682.00	6,491.46	247.70	31.92	5.50	688.61	324.65	7,728.17	7,657.84	70.33	109.877		
15,800.00	7,259.25	6,682.00	6,491.46	250.53	31.92	5.50	688.61	324.65	7,827.71	7,757.30	70.41	111.175		
15,900.00	7,259.43	6,682.00	6,491.46	253.36	31.92	5.50	688.61	324.65	7,927.26	7,856.77	70.48	112.469		
16,000.00	7,259.61	6,682.00	6,491.46	256.19	31.92	5.50	688.61	324.65	8,026.82	7,956.26	70.56	113.759		
16,100.00	7,259.78	6,682.00	6,491.46	259.02	31.92	5.50	688.61	324.65	8,126.39	8,055.75	70.64	115.045		
16,200.00	7,259.96	6,682.00	6,491.46	261.85	31.92	5.50	688.61	324.65	8,225.97	8,155.26	70.71	116.327		
16,300.00	7,260.14	6,682.00	6,491.46	264.68	31.92	5.50	688.61	324.65	8,325.57	8,254.77	70.79	117.605		
16,400.00	7,260.32	6,682.00	6,491.46	267.52	31.92	5.50	688.61	324.65	8,425.17	8,354.30	70.87	118.880		
16,500.00	7,260.49	6,682.00	6,491.46	270.35	31.92	5.50	688.61	324.65	8,524.78	8,453.83	70.95	120.150		
16,600.00	7,260.67	6,682.00	6,491.46	273.19	31.92	5.50	688.61	324.65	8,624.40	8,553.37	71.03	121.416		
16,700.00	7,260.85	6,682.00	6,491.46	276.02	31.92	5.50	688.61	324.65	8,724.03	8,652.92	71.11	122.678		
16,800.00	7,261.02	6,682.00	6,491.46	278.86	31.92	5.50	688.61	324.65	8,823.67	8,752.47	71.20	123.936		
16,900.00	7,261.20	6,682.00	6,491.46	281.69	31.92	5.50	688.61	324.65	8,923.31	8,852.03	71.28	125.190		
17,000.00	7,261.38	6,682.00	6,491.46	284.53	31.92	5.50	688.61	324.65	9,022.97	8,951.60	71.36	126.440		
17,100.00	7,261.56	6,682.00	6,491.46	287.37	31.92	5.50	688.61	324.65	9,122.63	9,051.18	71.45	127.686		
17,200.00	7,261.73	6,682.00	6,491.46	290.21	31.92	5.50	688.61	324.65	9,222.30	9,150.76	71.53	128.927		
17,300.00	7,261.91	6,682.00	6,491.46	293.04	31.92	5.50	688.61	324.65	9,321.97	9,250.35	71.62	130.165		
17,400.00	7,262.09	6,682.00	6,491.46	295.88	31.92	5.50	688.61	324.65	9,421.65	9,349.95	71.70	131.398		
17,500.00	7,262.26	6,682.00	6,491.46	298.72	31.92	5.50	688.61	324.65	9,521.34	9,449.55	71.79	132.626		
17,600.00	7,262.44	6,682.00	6,491.46	301.56	31.92	5.50	688.61	324.65	9,621.04	9,549.16	71.88	133.851		
17,700.00	7,262.62	6,682.00	6,491.46	304.40	31.92	5.50	688.61	324.65	9,720.74	9,648.77	71.97	135.071		
17,800.00	7,262.80	6,682.00	6,491.46	307.24	31.92	5.50	688.61	324.65	9,820.45	9,748.39	72.06	136.287		
17,900.00	7,262.97	6,682.00	6,491.46	310.08	31.92	5.50	688.61	324.65	9,920.16	9,848.01	72.15	137.499		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	148.78	-832.79	504.76	973.88					
100.00	100.00	89.16	89.16	3.28	3.29	148.79	-832.91	504.54	973.81	967.24	6.57	148.209		
200.00	200.00	189.75	189.75	3.34	3.31	148.85	-833.34	503.79	973.78	967.13	6.65	146.424		
278.11	278.10	269.39	269.38	3.42	3.38	83.40	-833.68	502.99	973.54	966.74	6.80	143.243 CC, ES		
300.00	299.98	280.98	280.97	3.44	3.39	83.43	-833.83	502.91	973.58	966.74	6.84	142.397		
400.00	399.84	353.00	352.96	3.60	3.49	83.68	-835.90	502.98	975.44	968.35	7.10	137.448		
500.00	499.45	425.53	425.35	3.81	3.61	84.07	-840.17	503.33	979.79	972.35	7.44	131.721		
600.00	598.70	498.55	498.11	4.06	3.76	84.63	-846.49	503.59	986.37	978.52	7.85	125.646		
700.00	697.47	573.39	572.47	4.34	3.93	85.30	-854.74	504.71	995.48	987.16	8.32	119.581		
800.00	795.62	650.36	648.77	4.66	4.13	86.12	-864.78	506.05	1,006.69	997.84	8.86	113.679		
824.00	819.08	667.54	665.77	4.75	4.18	86.31	-867.29	506.34	1,009.74	1,000.75	8.99	112.341		
900.00	893.28	721.50	719.02	5.02	4.34	87.15	-875.89	507.16	1,020.50	1,011.08	9.42	108.307		
1,000.00	990.92	788.67	785.02	5.40	4.56	88.23	-888.37	507.86	1,037.42	1,027.40	10.02	103.585		
1,100.00	1,088.56	858.89	853.56	5.80	4.80	89.42	-903.64	507.94	1,057.54	1,046.90	10.64	99.407		
1,200.00	1,186.19	931.10	923.64	6.21	5.07	90.67	-921.05	507.22	1,080.29	1,069.01	11.28	95.794		
1,300.00	1,283.83	998.22	988.28	6.64	5.34	91.88	-939.03	505.53	1,105.86	1,093.95	11.92	92.803		
1,400.00	1,381.47	1,077.34	1,064.00	7.08	5.68	93.33	-961.81	502.85	1,133.93	1,121.32	12.61	89.926		
1,500.00	1,479.10	1,159.79	1,142.73	7.53	6.05	94.77	-986.14	500.19	1,163.60	1,150.27	13.33	87.283		
1,600.00	1,576.74	1,248.20	1,227.00	7.99	6.46	96.27	-1,012.70	497.07	1,194.57	1,180.48	14.10	84.747		
1,700.00	1,674.38	1,333.25	1,308.12	8.45	6.87	97.63	-1,038.12	494.53	1,226.32	1,211.47	14.86	82.544		
1,800.00	1,772.02	1,413.88	1,384.77	8.92	7.27	98.88	-1,062.98	491.68	1,259.56	1,243.95	15.60	80.728		
1,900.00	1,869.65	1,503.04	1,469.27	9.39	7.72	100.30	-1,090.95	486.63	1,293.73	1,277.32	16.41	78.851		
2,000.00	1,967.29	1,594.20	1,555.53	9.87	8.19	101.74	-1,119.70	480.05	1,328.62	1,311.38	17.23	77.091		
2,100.00	2,064.93	1,694.66	1,650.84	10.35	8.72	103.24	-1,150.70	473.15	1,363.65	1,345.52	18.13	75.208		
2,200.00	2,162.56	1,779.42	1,731.39	10.83	9.16	104.42	-1,176.54	467.77	1,399.05	1,380.12	18.93	73.900		
2,300.00	2,260.20	1,915.50	1,861.49	11.32	9.88	106.15	-1,215.70	460.42	1,433.37	1,413.29	20.09	71.358		
2,400.00	2,357.84	2,020.32	1,962.29	11.80	10.42	107.38	-1,244.01	455.30	1,466.70	1,445.67	21.03	69.732		
2,500.00	2,455.48	2,130.20	2,068.32	12.29	10.99	108.57	-1,272.44	450.68	1,499.45	1,477.44	22.02	68.102		
2,600.00	2,553.11	2,224.15	2,159.17	12.78	11.47	109.56	-1,295.98	446.29	1,531.83	1,508.93	22.90	66.902		
2,700.00	2,650.75	2,295.95	2,228.53	13.27	11.85	110.28	-1,314.29	443.22	1,565.07	1,541.44	23.62	66.250		
2,800.00	2,748.39	2,389.63	2,318.71	13.77	12.34	111.17	-1,339.40	439.76	1,599.87	1,575.36	24.51	65.279		
2,900.00	2,846.02	2,493.20	2,418.86	14.26	12.88	112.09	-1,365.61	436.33	1,633.49	1,608.03	25.47	64.142		
3,000.00	2,943.66	2,572.56	2,495.50	14.76	13.30	112.76	-1,386.06	434.03	1,667.90	1,641.65	26.25	63.539		
3,100.00	3,041.30	2,647.09	2,567.34	15.25	13.69	113.34	-1,405.84	432.68	1,703.26	1,676.27	27.00	63.092		
3,200.00	3,138.94	2,718.00	2,635.42	15.75	14.07	113.88	-1,425.61	431.07	1,740.09	1,712.37	27.71	62.789		
3,300.00	3,236.57	2,826.16	2,739.30	16.25	14.66	114.71	-1,455.56	427.84	1,777.06	1,748.33	28.73	61.854		
3,400.00	3,334.21	2,891.98	2,802.47	16.75	15.02	115.21	-1,473.87	425.28	1,814.43	1,785.02	29.40	61.705		
3,500.00	3,431.85	2,967.13	2,874.33	17.25	15.43	115.78	-1,495.57	421.84	1,853.08	1,822.93	30.15	61.453		
3,600.00	3,529.48	3,106.94	3,008.24	17.75	16.20	116.78	-1,535.28	415.84	1,891.74	1,860.29	31.45	60.158		
3,700.00	3,627.12	3,170.25	3,069.03	18.25	16.54	117.21	-1,552.78	413.17	1,929.56	1,897.46	32.10	60.109		
3,800.00	3,724.76	3,252.63	3,147.95	18.75	16.99	117.76	-1,576.12	409.56	1,968.30	1,935.39	32.91	59.801		
3,900.00	3,822.40	3,396.21	3,286.02	19.25	17.77	118.65	-1,615.09	404.13	2,006.03	1,971.80	34.24	58.588		
4,000.00	3,920.03	3,453.12	3,340.82	19.75	18.08	118.99	-1,630.32	402.10	2,043.58	2,008.73	34.84	58.652		
4,100.00	4,017.67	3,578.12	3,461.10	20.25	18.76	119.71	-1,664.00	397.51	2,081.53	2,045.51	36.01	57.797		
4,200.00	4,115.31	3,659.06	3,539.15	20.76	19.19	120.13	-1,685.36	395.52	2,118.85	2,082.04	36.82	57.548		
4,300.00	4,212.94	3,732.13	3,609.47	21.26	19.59	120.49	-1,705.15	393.97	2,156.92	2,119.36	37.56	57.430		
4,400.00	4,310.58	3,798.61	3,673.28	21.76	19.96	120.81	-1,723.74	392.43	2,195.94	2,157.70	38.24	57.429		
4,500.00	4,408.22	3,865.88	3,737.61	22.27	20.33	121.12	-1,743.34	390.88	2,236.14	2,197.22	38.92	57.453		
4,600.00	4,505.86	3,945.04	3,813.15	22.77	20.77	121.47	-1,766.97	389.21	2,277.08	2,237.37	39.71	57.337		
4,700.00	4,603.49	4,033.15	3,897.14	23.28	21.27	121.85	-1,793.52	387.47	2,318.35	2,277.76	40.59	57.116		
4,800.00	4,701.13	4,108.23	3,968.63	23.78	21.70	122.15	-1,816.41	386.04	2,360.03	2,318.68	41.35	57.079		
4,900.00	4,798.77	4,190.01	4,046.36	24.28	22.16	122.47	-1,841.77	384.51	2,402.25	2,360.08	42.17	56.970		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,000.00	4,896.40	4,300.24	4,151.20	24.79	22.79	122.89	-1,875.74	382.10	2,444.47	2,401.21	43.26	56.510		
5,100.00	4,994.04	4,419.00	4,264.58	25.30	23.46	123.33	-1,911.00	379.69	2,485.64	2,441.22	44.42	55.956		
5,200.00	5,091.68	4,493.25	4,335.55	25.80	23.88	123.62	-1,932.70	377.22	2,526.72	2,481.55	45.17	55.937		
5,300.00	5,189.32	4,595.55	4,433.33	26.31	24.45	124.06	-1,962.29	371.98	2,568.00	2,521.82	46.18	55.611		
5,400.00	5,286.95	4,718.69	4,551.37	26.81	25.14	124.57	-1,996.72	365.34	2,608.56	2,561.19	47.37	55.068		
5,500.00	5,384.59	4,858.42	4,686.16	27.32	25.89	125.13	-2,032.93	358.67	2,646.90	2,598.21	48.69	54.362		
5,600.00	5,482.23	4,937.44	4,762.36	27.82	26.32	125.45	-2,053.34	354.15	2,685.72	2,636.24	49.48	54.279		
5,700.00	5,579.87	5,047.14	4,868.35	28.33	26.91	125.90	-2,080.83	347.49	2,724.00	2,673.47	50.53	53.905		
5,800.00	5,677.50	5,131.36	4,949.68	28.84	27.36	126.22	-2,102.21	342.87	2,762.58	2,711.22	51.37	53.780		
5,900.00	5,775.14	5,231.62	5,046.56	29.34	27.90	126.59	-2,127.46	337.36	2,801.06	2,748.72	52.34	53.514		
6,000.00	5,872.78	5,334.14	5,149.89	29.85	29.93	127.84	-2,210.99	327.76	2,836.07	2,780.53	55.54	51.065		
6,100.00	5,970.41	5,430.45	5,254.17	30.36	31.23	128.73	-2,244.80	326.44	2,860.23	2,802.73	57.50	49.742		
6,200.00	6,068.05	5,525.19	5,358.56	30.86	31.82	129.23	-2,254.49	323.67	2,880.95	2,822.36	58.59	49.173		
6,300.00	6,165.69	5,620.34	5,463.18	31.37	32.73	130.00	-2,263.81	321.43	2,899.40	2,839.44	59.96	48.358		
6,400.00	6,263.33	5,715.53	5,568.66	31.88	33.07	130.31	-2,265.03	320.75	2,915.03	2,854.23	60.80	47.943		
6,500.00	6,360.96	5,810.00	5,673.64	32.38	33.71	131.59	-2,269.12	1,142.22	2,902.53	2,835.37	67.16	43.216		
6,600.00	6,458.60	5,905.53	5,778.61	32.89	34.75	132.54	-2,269.18	1,144.75	2,887.98	2,819.56	68.42	42.209		
6,628.42	6,486.35	5,927.94	5,796.54	33.04	34.82	132.45	-2,269.28	1,149.16	2,884.46	2,815.63	68.82	41.910		
6,650.00	6,507.49	5,930.98	5,796.50	33.14	34.86	132.48	-2,269.34	1,152.20	2,881.95	2,812.82	69.12	41.694		
6,700.00	6,556.88	5,935.63	5,796.43	33.37	34.94	132.62	-2,269.45	1,156.84	2,876.63	2,806.89	69.75	41.245		
6,750.00	6,606.60	5,936.91	5,796.41	33.58	34.96	132.79	-2,269.48	1,158.12	2,872.06	2,801.79	70.28	40.867		
6,800.00	6,656.35	5,934.81	5,796.44	33.76	34.92	-141.20	-2,269.43	1,156.03	2,868.28	2,797.56	70.72	40.556		
6,850.00	6,705.83	5,929.35	5,796.52	33.94	34.84	-120.82	-2,269.31	1,150.57	2,865.30	2,794.21	71.09	40.305		
6,900.00	6,754.72	5,921.00	5,796.64	34.12	34.71	-111.36	-2,269.12	1,142.22	2,863.11	2,791.72	71.39	40.104		
6,950.00	6,802.72	5,921.00	5,796.64	34.31	34.71	-106.33	-2,269.12	1,142.22	2,861.74	2,789.93	71.81	39.851		
7,000.00	6,849.54	5,921.00	5,796.64	34.50	34.71	-103.21	-2,269.12	1,142.22	2,861.21	2,788.99	72.22	39.619		
7,006.84	6,855.84	5,921.00	5,796.64	34.53	34.71	-102.87	-2,269.12	1,142.22	2,861.20	2,788.93	72.27	39.588		
7,050.00	6,894.89	5,897.94	5,796.99	34.71	34.37	-100.64	-2,268.73	1,119.16	2,861.30	2,789.02	72.28	39.587		
7,100.00	6,938.49	5,887.27	5,797.15	34.93	34.22	-98.87	-2,268.64	1,108.50	2,862.19	2,789.68	72.51	39.472		
7,150.00	6,980.07	5,875.18	5,797.34	35.17	34.05	-97.41	-2,268.59	1,096.41	2,863.78	2,791.05	72.72	39.380		
7,200.00	7,019.38	5,861.74	5,797.55	35.43	33.85	-96.16	-2,268.62	1,082.97	2,865.99	2,793.07	72.91	39.306		
7,250.00	7,056.17	5,826.00	5,798.14	35.71	33.34	-94.73	-2,269.11	1,047.24	2,868.96	2,796.17	72.78	39.417		
7,300.00	7,090.21	5,730.00	5,798.23	36.03	32.69	-93.82	-2,269.23	1,038.59	2,872.08	2,805.39	66.69	43.069		
7,350.00	7,121.30	5,777.31	5,798.79	36.37	32.72	-92.60	-2,269.99	998.57	2,875.65	2,802.67	72.98	39.401		
7,400.00	7,149.25	5,713.66	5,799.12	36.75	32.04	-91.27	-2,270.62	934.91	2,878.88	2,806.25	72.63	39.638		
7,450.00	7,173.87	5,663.54	5,799.11	37.17	31.98	-90.24	-2,270.89	884.79	2,881.84	2,809.31	72.53	39.731		
7,500.00	7,195.03	5,610.56	5,798.71	37.62	31.98	-89.34	-2,271.04	831.82	2,884.49	2,812.01	72.48	39.796		
7,550.00	7,212.58	5,550.00	5,798.34	38.11	31.98	-87.90	-2,268.72	697.02	2,885.97	2,813.61	72.36	39.884		
7,600.00	7,226.43	5,413.00	5,798.17	38.64	31.97	-87.27	-2,266.65	635.34	2,886.53	2,814.61	71.92	40.136		
7,650.00	7,236.48	5,376.30	5,797.51	39.20	31.94	-86.88	-2,264.71	599.76	2,886.05	2,813.73	72.32	39.908		
7,700.00	7,242.68	5,361.26	5,797.62	39.79	31.92	-86.71	-2,264.11	585.55	2,885.85	2,812.98	72.87	39.601		
7,725.13	7,244.33	5,353.78	5,796.90	40.10	31.92	-86.64	-2,263.86	578.59	2,885.77	2,812.61	73.16	39.442		
7,753.32	7,245.00	5,320.00	5,795.34	40.44	31.89	-86.35	-2,263.10	548.13	2,886.05	2,812.71	73.34	39.353		
7,783.18	7,245.05	5,320.00	5,795.34	40.82	31.89	-86.35	-2,263.10	548.13	2,885.89	2,812.14	73.75	39.130		
7,800.00	7,245.08	5,320.00	5,795.34	41.04	31.89	-86.35	-2,263.10	548.13	2,885.94	2,811.96	73.98	39.007		
7,900.00	7,245.26	5,320.00	5,795.34	42.43	31.89	-86.35	-2,263.10	548.13	2,888.25	2,812.78	75.48	38.267		
8,000.00	7,245.43	5,267.69	5,792.81	43.97	31.80	-85.76	-2,262.69	505.05	2,892.79	2,815.94	76.85	37.644		
8,100.00	7,245.61	5,224.00	5,790.30	45.64	31.73	-85.16	-2,262.82	473.85	2,900.30	2,821.94	78.36	37.012		
8,200.00	7,245.79	5,210.94	5,790.35	47.42	31.69	-84.96	-2,262.91	465.38	2,910.34	2,830.23	80.11	36.330		
8,300.00	7,245.97	5,170.00	5,794.91	49.30	31.59	-84.32	-2,263.00	440.43	2,923.03	2,841.23	81.79	35.737		
8,400.00	7,246.14	5,170.00	5,794.91	51.28	31.59	-84.32	-2,263.00	440.43	2,938.70	2,855.00	83.70	35.112		
8,500.00	7,246.32	5,131.21	5,791.61	53.34	31.49	-83.69	-2,263.23	418.96	2,956.88	2,871.42	85.46	34.598		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,600.00	7,246.50	7,114.95	6,901.69	55.46	35.45	-83.41	-2,263.49	410.55	2,978.23	2,890.90	87.33	34.103		
8,700.00	7,246.67	7,074.00	6,865.74	57.66	35.34	-82.71	-2,264.57	391.00	3,002.88	2,913.79	89.09	33.707		
8,800.00	7,246.85	7,074.00	6,865.74	59.90	35.34	-82.71	-2,264.57	391.00	3,029.73	2,938.74	90.99	33.296		
8,900.00	7,247.03	7,074.00	6,865.74	62.20	35.34	-82.71	-2,264.57	391.00	3,059.62	2,966.76	92.87	32.947		
9,000.00	7,247.21	7,074.00	6,865.74	64.55	35.34	-82.71	-2,264.57	391.00	3,092.46	2,997.76	94.69	32.658		
9,100.00	7,247.38	7,035.51	6,830.88	66.93	35.23	-82.03	-2,265.75	374.74	3,127.58	3,031.25	96.34	32.465		
9,200.00	7,247.56	7,019.83	6,816.41	69.35	35.18	-81.75	-2,266.16	368.71	3,165.43	3,067.42	98.01	32.297		
9,300.00	7,247.74	7,005.84	6,803.38	71.80	35.14	-81.50	-2,266.49	363.62	3,205.77	3,106.14	99.63	32.177		
9,400.00	7,247.91	6,979.00	6,778.09	74.29	35.06	-81.01	-2,267.03	354.66	3,248.64	3,147.50	101.14	32.121		
9,500.00	7,248.09	6,979.00	6,778.09	76.79	35.06	-81.01	-2,267.03	354.66	3,293.69	3,191.01	102.69	32.075 SF		
9,600.00	7,248.27	6,979.00	6,778.09	79.33	35.06	-81.01	-2,267.03	354.66	3,341.13	3,236.97	104.16	32.076		
9,700.00	7,248.45	6,979.00	6,778.09	81.88	35.06	-81.01	-2,267.03	354.66	3,390.86	3,285.29	105.57	32.118		
9,800.00	7,248.62	6,979.00	6,778.09	84.45	35.06	-81.01	-2,267.03	354.66	3,442.78	3,335.86	106.91	32.201		
9,900.00	7,248.80	6,979.00	6,778.09	87.04	35.06	-81.01	-2,267.03	354.66	3,496.78	3,388.59	108.19	32.322		
10,000.00	7,248.98	6,940.91	6,741.61	89.65	34.94	-80.31	-2,267.63	343.75	3,551.99	3,442.71	109.28	32.504		
10,100.00	7,249.15	6,934.55	6,735.46	92.28	34.92	-80.19	-2,267.71	342.13	3,609.58	3,499.17	110.41	32.694		
10,200.00	7,249.33	6,928.65	6,729.73	94.91	34.90	-80.08	-2,267.79	340.69	3,668.95	3,557.47	111.47	32.913		
10,300.00	7,249.51	6,923.15	6,724.39	97.56	34.88	-79.97	-2,267.85	339.39	3,730.02	3,617.53	112.48	33.160		
10,400.00	7,249.69	6,886.00	6,688.03	100.22	34.76	-79.28	-2,268.21	331.83	3,793.32	3,679.99	113.32	33.474		
10,500.00	7,249.86	6,886.00	6,688.03	102.89	34.76	-79.28	-2,268.21	331.83	3,857.39	3,743.15	114.24	33.765		
10,600.00	7,250.04	6,886.00	6,688.03	105.57	34.76	-79.28	-2,268.21	331.83	3,922.97	3,807.86	115.11	34.081		
10,700.00	7,250.22	6,886.00	6,688.03	108.27	34.76	-79.28	-2,268.21	331.83	3,989.98	3,874.06	115.92	34.419		
10,800.00	7,250.39	6,886.00	6,688.03	110.96	34.76	-79.28	-2,268.21	331.83	4,058.35	3,941.65	116.69	34.778		
10,900.00	7,250.57	6,886.00	6,688.03	113.67	34.76	-79.28	-2,268.21	331.83	4,128.00	4,010.59	117.42	35.157		
11,000.00	7,250.75	6,886.00	6,688.03	116.39	34.76	-79.28	-2,268.21	331.83	4,198.89	4,080.79	118.09	35.555		
11,100.00	7,250.93	6,886.00	6,688.03	119.11	34.76	-79.28	-2,268.21	331.83	4,270.93	4,152.20	118.73	35.971		
11,200.00	7,251.10	6,886.00	6,688.03	121.83	34.76	-79.28	-2,268.21	331.83	4,344.09	4,224.76	119.33	36.403		
11,300.00	7,251.28	6,886.00	6,688.03	124.57	34.76	-79.28	-2,268.21	331.83	4,418.30	4,298.40	119.90	36.851		
11,400.00	7,251.46	6,886.00	6,688.03	127.31	34.76	-79.28	-2,268.21	331.83	4,493.50	4,373.08	120.43	37.313		
11,500.00	7,251.63	6,886.00	6,688.03	130.05	34.76	-79.28	-2,268.21	331.83	4,569.66	4,448.74	120.93	37.789		
11,600.00	7,251.81	6,886.00	6,688.03	132.80	34.76	-79.28	-2,268.21	331.83	4,646.72	4,525.33	121.39	38.278		
11,700.00	7,251.99	6,857.85	6,660.26	135.55	34.66	-78.75	-2,268.25	327.23	4,724.40	4,602.65	121.75	38.803		
11,800.00	7,252.17	6,852.87	6,655.33	138.31	34.65	-78.65	-2,268.22	326.48	4,803.04	4,680.89	122.16	39.319		
11,900.00	7,252.34	6,848.15	6,650.66	141.07	34.63	-78.56	-2,268.19	325.80	4,882.45	4,759.92	122.53	39.846		
12,000.00	7,252.52	6,843.69	6,646.24	143.84	34.62	-78.48	-2,268.14	325.17	4,962.59	4,839.70	122.89	40.383		
12,100.00	7,252.70	6,839.45	6,642.05	146.61	34.60	-78.40	-2,268.09	324.58	5,043.43	4,920.20	123.22	40.930		
12,200.00	7,252.87	6,835.43	6,638.07	149.38	34.59	-78.32	-2,268.04	324.04	5,124.93	5,001.39	123.54	41.485		
12,300.00	7,253.05	6,831.61	6,634.28	152.16	34.57	-78.25	-2,267.98	323.54	5,207.07	5,083.23	123.83	42.049		
12,400.00	7,253.23	6,827.98	6,630.68	154.94	34.56	-78.18	-2,267.91	323.08	5,289.81	5,165.69	124.11	42.621		
12,500.00	7,253.41	6,824.51	6,627.24	157.72	34.55	-78.11	-2,267.85	322.64	5,373.13	5,248.75	124.38	43.200		
12,600.00	7,253.58	6,792.00	6,594.94	160.51	34.44	-77.50	-2,266.98	319.08	5,457.29	5,332.77	124.52	43.827		
12,700.00	7,253.76	6,792.00	6,594.94	163.29	34.44	-77.50	-2,266.98	319.08	5,541.64	5,416.87	124.77	44.416		
12,800.00	7,253.94	6,792.00	6,594.94	166.08	34.44	-77.50	-2,266.98	319.08	5,626.50	5,501.50	125.00	45.012		
12,900.00	7,254.11	6,792.00	6,594.94	168.88	34.44	-77.50	-2,266.98	319.08	5,711.85	5,586.63	125.22	45.615		
13,000.00	7,254.29	6,792.00	6,594.94	171.67	34.44	-77.50	-2,266.98	319.08	5,797.66	5,672.24	125.43	46.223		
13,100.00	7,254.47	6,792.00	6,594.94	174.47	34.44	-77.50	-2,266.98	319.08	5,883.93	5,758.31	125.62	46.838		
13,200.00	7,254.65	6,792.00	6,594.94	177.27	34.44	-77.50	-2,266.98	319.08	5,970.62	5,844.81	125.81	47.457		
13,300.00	7,254.82	6,792.00	6,594.94	180.07	34.44	-77.50	-2,266.98	319.08	6,057.73	5,931.74	125.99	48.082		
13,400.00	7,255.00	6,792.00	6,594.94	182.87	34.44	-77.50	-2,266.98	319.08	6,145.22	6,019.07	126.15	48.712		
13,500.00	7,255.18	6,792.00	6,594.94	185.67	34.44	-77.50	-2,266.98	319.08	6,233.10	6,106.78	126.31	49.347		
13,600.00	7,255.35	6,792.00	6,594.94	188.48	34.44	-77.50	-2,266.98	319.08	6,321.33	6,194.87	126.46	49.986		
13,700.00	7,255.53	6,792.00	6,594.94	191.29	34.44	-77.50	-2,266.98	319.08	6,409.91	6,283.30	126.60	50.630		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
13,800.00	7,255.71	6,792.00	6,594.94	194.10	34.44	-77.50	-2,266.98	319.08	6,498.82	6,372.08	126.74	51.277		
13,900.00	7,255.89	6,792.00	6,594.94	196.91	34.44	-77.50	-2,266.98	319.08	6,588.05	6,461.18	126.87	51.928		
14,000.00	7,256.06	6,792.00	6,594.94	199.72	34.44	-77.50	-2,266.98	319.08	6,677.58	6,550.59	126.99	52.583		
14,100.00	7,256.24	6,792.00	6,594.94	202.53	34.44	-77.50	-2,266.98	319.08	6,767.41	6,640.30	127.11	53.241		
14,200.00	7,256.42	6,792.00	6,594.94	205.35	34.44	-77.50	-2,266.98	319.08	6,857.51	6,730.29	127.22	53.903		
14,300.00	7,256.59	6,792.00	6,594.94	208.16	34.44	-77.50	-2,266.98	319.08	6,947.89	6,820.57	127.33	54.568		
14,400.00	7,256.77	6,792.00	6,594.94	210.98	34.44	-77.50	-2,266.98	319.08	7,038.53	6,911.10	127.43	55.236		
14,500.00	7,256.95	6,792.00	6,594.94	213.80	34.44	-77.50	-2,266.98	319.08	7,129.42	7,001.90	127.52	55.907		
14,600.00	7,257.13	6,792.00	6,594.94	216.62	34.44	-77.50	-2,266.98	319.08	7,220.55	7,092.93	127.62	56.580		
14,700.00	7,257.30	6,792.00	6,594.94	219.44	34.44	-77.50	-2,266.98	319.08	7,311.91	7,184.21	127.70	57.256		
14,800.00	7,257.48	6,792.00	6,594.94	222.26	34.44	-77.50	-2,266.98	319.08	7,403.50	7,275.71	127.79	57.935		
14,900.00	7,257.66	6,792.00	6,594.94	225.08	34.44	-77.50	-2,266.98	319.08	7,495.30	7,367.43	127.87	58.616		
15,000.00	7,257.83	6,792.00	6,594.94	227.91	34.44	-77.50	-2,266.98	319.08	7,587.31	7,459.36	127.95	59.299		
15,100.00	7,258.01	6,792.00	6,594.94	230.73	34.44	-77.50	-2,266.98	319.08	7,679.51	7,551.49	128.03	59.984		
15,200.00	7,258.19	6,792.00	6,594.94	233.56	34.44	-77.50	-2,266.98	319.08	7,771.91	7,643.82	128.10	60.672		
15,300.00	7,258.37	6,792.00	6,594.94	236.38	34.44	-77.50	-2,266.98	319.08	7,864.50	7,736.33	128.17	61.361		
15,400.00	7,258.54	6,792.00	6,594.94	239.21	34.44	-77.50	-2,266.98	319.08	7,957.26	7,829.03	128.23	62.052		
15,500.00	7,258.72	6,792.00	6,594.94	242.04	34.44	-77.50	-2,266.98	319.08	8,050.20	7,921.90	128.30	62.745		
15,600.00	7,258.90	6,792.00	6,594.94	244.87	34.44	-77.50	-2,266.98	319.08	8,143.31	8,014.95	128.36	63.440		
15,700.00	7,259.08	6,792.00	6,594.94	247.70	34.44	-77.50	-2,266.98	319.08	8,236.58	8,108.15	128.42	64.136		
15,800.00	7,259.25	6,792.00	6,594.94	250.53	34.44	-77.50	-2,266.98	319.08	8,330.00	8,201.52	128.48	64.834		
15,900.00	7,259.43	6,792.00	6,594.94	253.36	34.44	-77.50	-2,266.98	319.08	8,423.58	8,295.04	128.54	65.533		
16,000.00	7,259.61	6,792.00	6,594.94	256.19	34.44	-77.50	-2,266.98	319.08	8,517.30	8,388.70	128.60	66.233		
16,100.00	7,259.78	6,792.00	6,594.94	259.02	34.44	-77.50	-2,266.98	319.08	8,611.16	8,482.51	128.65	66.935		
16,200.00	7,259.96	6,792.00	6,594.94	261.85	34.44	-77.50	-2,266.98	319.08	8,705.16	8,576.46	128.70	67.638		
16,300.00	7,260.14	6,792.00	6,594.94	264.68	34.44	-77.50	-2,266.98	319.08	8,799.29	8,670.54	128.75	68.342		
16,400.00	7,260.32	6,792.00	6,594.94	267.52	34.44	-77.50	-2,266.98	319.08	8,893.55	8,764.74	128.80	69.047		
16,500.00	7,260.49	6,792.00	6,594.94	270.35	34.44	-77.50	-2,266.98	319.08	8,987.93	8,859.08	128.85	69.753		
16,600.00	7,260.67	6,792.00	6,594.94	273.19	34.44	-77.50	-2,266.98	319.08	9,082.44	8,953.53	128.90	70.461		
16,700.00	7,260.85	6,792.00	6,594.94	276.02	34.44	-77.50	-2,266.98	319.08	9,177.06	9,048.11	128.95	71.169		
16,800.00	7,261.02	6,792.00	6,594.94	278.86	34.44	-77.50	-2,266.98	319.08	9,271.79	9,142.80	128.99	71.878		
16,900.00	7,261.20	6,792.00	6,594.94	281.69	34.44	-77.50	-2,266.98	319.08	9,366.63	9,237.59	129.04	72.588		
17,000.00	7,261.38	6,792.00	6,594.94	284.53	34.44	-77.50	-2,266.98	319.08	9,461.58	9,332.50	129.08	73.298		
17,100.00	7,261.56	6,792.00	6,594.94	287.37	34.44	-77.50	-2,266.98	319.08	9,556.63	9,427.50	129.13	74.009		
17,200.00	7,261.73	6,792.00	6,594.94	290.21	34.44	-77.50	-2,266.98	319.08	9,651.78	9,522.61	129.17	74.721		
17,300.00	7,261.91	6,792.00	6,594.94	293.04	34.44	-77.50	-2,266.98	319.08	9,747.03	9,617.82	129.21	75.434		
17,400.00	7,262.09	6,792.00	6,594.94	295.88	34.44	-77.50	-2,266.98	319.08	9,842.38	9,713.12	129.25	76.147		
17,500.00	7,262.26	6,792.00	6,594.94	298.72	34.44	-77.50	-2,266.98	319.08	9,937.81	9,808.51	129.30	76.861		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
0.00	0.00	0.00	0.00	3.28	3.28	148.14	-812.76	505.04	956.95					
100.00	100.00	85.89	85.89	3.28	3.29	148.17	-813.12	504.71	957.04	950.47	6.57	145.659		
200.00	200.00	182.37	182.35	3.34	3.31	148.27	-814.41	503.57	957.55	950.90	6.64	144.154		
300.00	299.98	278.71	278.65	3.44	3.34	82.97	-816.62	501.60	958.21	951.43	6.78	141.277		
400.00	399.84	374.65	374.50	3.60	3.39	83.49	-819.74	498.82	958.88	951.89	6.99	137.264		
500.00	499.45	463.52	463.22	3.81	3.46	84.21	-823.58	495.48	959.80	952.53	7.26	132.116		
600.00	598.70	541.22	540.60	4.06	3.59	85.09	-829.25	491.50	962.50	954.86	7.65	125.899		
700.00	697.47	626.52	625.31	4.34	3.77	86.31	-837.63	485.91	966.97	958.86	8.11	119.237		
800.00	795.62	703.61	701.67	4.66	3.95	87.56	-846.71	480.51	973.50	964.87	8.63	112.846		
824.00	819.08	721.70	719.56	4.75	4.00	87.87	-849.05	479.29	975.45	966.69	8.76	111.369		
900.00	893.28	776.65	773.82	5.02	4.16	88.95	-856.84	475.49	982.81	973.62	9.19	106.939		
1,000.00	990.92	846.84	842.89	5.40	4.38	90.36	-868.32	470.55	995.36	985.57	9.79	101.710		
1,100.00	1,088.56	915.38	910.10	5.80	4.61	91.70	-881.07	466.31	1,011.29	1,000.89	10.40	97.213		
1,200.00	1,186.19	983.95	977.13	6.21	4.85	92.99	-895.16	463.16	1,030.51	1,019.48	11.04	93.385		
1,300.00	1,283.83	1,057.78	1,049.06	6.64	5.13	94.30	-911.60	460.89	1,052.68	1,040.98	11.70	89.980		
1,400.00	1,381.47	1,136.27	1,125.30	7.08	5.44	95.64	-930.20	458.94	1,077.16	1,064.78	12.38	86.993		
1,500.00	1,479.10	1,220.73	1,207.13	7.53	5.79	97.04	-950.99	457.09	1,103.37	1,090.26	13.11	84.155		
1,600.00	1,576.74	1,306.97	1,290.51	7.99	6.17	98.46	-972.80	454.10	1,130.74	1,116.87	13.86	81.567		
1,700.00	1,674.38	1,385.34	1,366.05	8.45	6.52	99.75	-993.43	450.65	1,159.66	1,145.08	14.59	79.505		
1,800.00	1,772.02	1,457.53	1,435.30	8.92	6.86	100.92	-1,013.46	446.96	1,190.58	1,175.30	15.28	77.914		
1,900.00	1,869.65	1,539.17	1,513.29	9.39	7.26	102.23	-1,037.14	442.23	1,223.33	1,207.30	16.03	76.295		
2,000.00	1,967.29	1,627.95	1,598.00	9.87	7.70	103.60	-1,063.18	436.95	1,257.11	1,240.27	16.84	74.654		
2,100.00	2,064.93	1,732.25	1,697.75	10.35	8.23	105.07	-1,093.24	431.80	1,291.16	1,273.41	17.75	72.733		
2,200.00	2,162.56	1,846.19	1,807.29	10.83	8.81	106.54	-1,124.21	427.22	1,324.30	1,305.56	18.74	70.662		
2,300.00	2,260.20	1,959.19	1,916.51	11.32	9.37	107.85	-1,153.03	424.06	1,356.41	1,336.69	19.73	68.760		
2,400.00	2,357.84	2,091.60	2,045.24	11.80	10.02	109.21	-1,183.95	422.11	1,386.99	1,366.15	20.84	66.557		
2,500.00	2,455.48	2,226.92	2,177.70	12.29	10.67	110.57	-1,211.40	419.06	1,414.90	1,392.94	21.96	64.425		
2,600.00	2,553.11	2,313.15	2,262.31	12.78	11.08	111.39	-1,227.93	417.24	1,442.14	1,419.36	22.78	63.305		
2,700.00	2,650.75	2,394.10	2,341.63	13.27	11.47	112.15	-1,243.97	415.32	1,470.33	1,446.76	23.57	62.386		
2,800.00	2,748.39	2,487.50	2,433.05	13.77	11.92	112.99	-1,262.96	412.93	1,499.33	1,474.89	24.44	61.350		
2,900.00	2,846.02	2,565.73	2,509.57	14.26	12.31	113.71	-1,279.04	410.23	1,528.90	1,503.69	25.21	60.648		
3,000.00	2,943.66	2,657.95	2,599.57	14.76	12.77	114.53	-1,298.79	406.61	1,559.61	1,533.53	26.08	59.808		
3,100.00	3,041.30	2,757.96	2,697.30	15.25	13.26	115.40	-1,319.65	402.59	1,590.08	1,563.08	27.00	58.889		
3,200.00	3,138.94	2,829.62	2,767.29	15.75	13.62	116.00	-1,334.73	399.72	1,621.10	1,593.37	27.72	58.471		
3,300.00	3,236.57	2,889.98	2,825.99	16.25	13.93	116.48	-1,348.63	397.64	1,654.12	1,625.77	28.36	58.334		
3,400.00	3,334.21	2,958.66	2,892.53	16.75	14.28	116.99	-1,365.57	395.70	1,688.89	1,659.84	29.05	58.142		
3,500.00	3,431.85	3,127.47	3,056.54	17.25	15.14	118.18	-1,405.13	391.07	1,722.91	1,692.39	30.52	56.446		
3,600.00	3,529.48	3,220.77	3,147.83	17.75	15.61	118.82	-1,424.23	388.46	1,754.13	1,722.72	31.41	55.850		
3,700.00	3,627.12	3,300.00	3,260.89	18.25	17.98	119.56	-1,447.69	385.84	1,785.30	1,751.17	34.13	52.314		
3,800.00	3,724.76	3,444.33	3,367.02	18.75	16.71	120.23	-1,467.84	383.56	1,814.96	1,781.52	33.44	54.270		
3,900.00	3,822.40	3,533.36	3,454.38	19.25	17.14	120.78	-1,484.80	381.12	1,845.36	1,811.07	34.30	53.807		
4,000.00	3,920.03	3,613.10	3,532.56	19.75	17.54	121.24	-1,500.42	379.42	1,876.37	1,841.29	35.08	53.486		
4,100.00	4,017.67	3,690.41	3,608.23	20.25	17.92	121.68	-1,516.11	377.29	1,908.28	1,872.43	35.85	53.233		
4,200.00	4,115.31	3,826.13	3,741.12	20.76	18.60	122.48	-1,543.20	372.23	1,940.42	1,903.37	37.06	52.364		
4,300.00	4,212.94	3,874.67	3,788.68	21.26	18.84	122.76	-1,552.73	370.50	1,972.12	1,934.51	37.61	52.443		
4,400.00	4,310.58	3,918.00	3,830.96	21.76	19.06	123.01	-1,562.00	368.55	2,005.98	1,967.89	38.09	52.666		
4,500.00	4,408.22	3,988.03	3,899.01	22.27	19.42	123.42	-1,578.05	364.64	2,041.55	2,002.76	38.79	52.637		
4,600.00	4,505.86	4,056.43	3,965.24	22.77	19.78	123.81	-1,594.68	360.53	2,078.54	2,039.08	39.47	52.667		
4,700.00	4,603.49	4,133.14	4,039.32	23.28	20.19	124.19	-1,614.32	357.38	2,116.49	2,076.27	40.22	52.623		
4,800.00	4,701.13	4,329.04	4,229.12	23.78	21.22	125.08	-1,662.29	351.11	2,154.19	2,112.18	42.02	51.272		
4,900.00	4,798.77	4,451.76	4,349.27	24.28	21.84	125.61	-1,687.12	348.33	2,186.84	2,143.69	43.15	50.686		
5,000.00	4,896.40	4,583.37	4,478.32	24.79	22.49	126.19	-1,712.64	344.55	2,219.22	2,174.89	44.33	50.058		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
5,100.00	4,994.04	4,654.17	4,547.83	25.30	22.84	126.49	-1,725.96	342.52	2,251.02	2,205.97	45.05	49.966		
5,200.00	5,091.68	4,720.20	4,612.53	25.80	23.17	126.76	-1,738.98	340.48	2,283.85	2,238.12	45.73	49.944		
5,300.00	5,189.32	4,812.78	4,703.02	26.31	23.64	127.14	-1,758.23	337.25	2,317.84	2,271.22	46.62	49.720		
5,400.00	5,286.95	4,917.49	4,805.60	26.81	24.16	127.54	-1,779.12	334.83	2,350.79	2,303.19	47.61	49.380		
5,500.00	5,384.59	4,983.19	4,869.87	27.32	24.49	127.78	-1,792.65	333.34	2,384.50	2,336.22	48.28	49.392		
5,600.00	5,482.23	5,038.20	4,923.52	27.82	24.78	127.97	-1,804.71	331.72	2,419.63	2,370.78	48.85	49.531		
5,700.00	5,579.87	5,126.96	5,009.89	28.33	25.23	128.30	-1,824.89	328.36	2,455.79	2,406.08	49.71	49.398		
5,800.00	5,677.50	5,651.29	5,528.52	28.84	27.65	130.26	-1,894.44	315.25	2,479.81	2,426.33	53.48	46.367		
5,900.00	5,775.14	5,809.09	5,686.14	29.34	28.29	130.90	-1,900.97	312.12	2,498.72	2,444.09	54.62	45.744		
6,000.00	5,872.78	5,939.03	5,816.05	29.85	28.80	131.38	-1,903.50	311.71	2,514.93	2,459.31	55.63	45.211		
6,100.00	5,970.41	6,018.88	5,895.87	30.36	29.11	131.64	-1,905.74	312.39	2,531.80	2,475.37	56.43	44.864		
6,200.00	6,068.05	6,132.28	6,009.22	30.86	29.56	132.01	-1,908.52	313.68	2,548.35	2,490.97	57.37	44.417		
6,300.00	6,165.69	6,226.69	6,103.60	31.37	29.93	132.32	-1,910.82	314.52	2,565.07	2,506.83	58.24	44.044		
6,400.00	6,263.33	6,330.43	6,207.32	31.88	30.34	132.66	-1,913.16	315.43	2,581.70	2,522.56	59.14	43.652		
6,500.00	6,360.96	6,446.69	6,323.56	32.38	30.80	133.05	-1,915.10	315.77	2,598.08	2,537.99	60.09	43.233		
6,600.00	6,458.60	7,756.42	7,216.53	32.89	36.25	120.04	-1,930.65	1,076.45	2,594.62	2,529.72	64.90	39.978		
6,628.42	6,486.35	7,758.59	7,216.56	33.04	36.28	119.99	-1,930.75	1,078.61	2,589.23	2,523.93	65.30	39.650		
6,650.00	6,507.49	7,760.10	7,216.58	33.14	36.30	123.92	-1,930.82	1,080.12	2,585.30	2,519.70	65.60	39.410		
6,700.00	6,556.88	7,762.55	7,216.62	33.37	36.33	140.79	-1,930.94	1,082.57	2,576.66	2,510.41	66.25	38.893		
6,750.00	6,606.60	7,763.56	7,216.63	33.58	36.34	178.65	-1,930.99	1,083.57	2,568.70	2,501.86	66.84	38.429		
6,800.00	6,656.35	7,763.12	7,216.62	33.76	36.34	-139.69	-1,930.97	1,083.14	2,561.49	2,494.11	67.38	38.015		
6,850.00	6,705.83	7,761.26	7,216.60	33.94	36.31	-119.69	-1,930.87	1,081.28	2,555.07	2,487.19	67.88	37.643		
6,900.00	6,754.72	7,758.01	7,216.56	34.12	36.27	-110.63	-1,930.72	1,078.03	2,549.48	2,481.15	68.33	37.311		
6,950.00	6,802.72	7,753.39	7,216.49	34.31	36.21	-105.80	-1,930.52	1,073.42	2,544.75	2,476.00	68.75	37.016		
7,000.00	6,849.54	7,747.44	7,216.40	34.50	36.14	-102.85	-1,930.28	1,067.47	2,540.89	2,471.76	69.13	36.755		
7,050.00	6,894.89	7,740.21	7,216.29	34.71	36.04	-100.84	-1,930.02	1,060.25	2,537.90	2,468.42	69.48	36.525		
7,100.00	6,938.49	7,731.76	7,216.16	34.93	35.94	-99.36	-1,929.77	1,051.80	2,535.78	2,465.97	69.81	36.325		
7,150.00	6,980.07	7,699.00	7,215.54	35.17	35.52	-97.75	-1,929.27	1,019.05	2,534.80	2,465.00	69.80	36.316		
7,200.00	7,019.38	7,699.00	7,215.54	35.43	35.52	-96.96	-1,929.27	1,019.05	2,534.13	2,463.90	70.23	36.084		
7,211.81	7,028.30	7,699.00	7,215.54	35.50	35.52	-96.79	-1,929.27	1,019.05	2,534.10	2,463.77	70.33	36.030		
7,250.00	7,056.17	7,707.41	7,215.65	35.71	35.62	-96.41	-1,929.29	1,027.46	2,534.36	2,463.60	70.77	35.814		
7,300.00	7,090.21	7,589.70	7,202.25	36.03	34.39	-93.82	-1,927.82	910.76	2,534.72	2,464.90	69.83	36.300		
7,350.00	7,121.30	7,532.04	7,187.64	36.37	34.00	-92.34	-1,926.31	855.02	2,534.90	2,465.22	69.69	36.376		
7,400.00	7,149.25	7,497.40	7,176.76	36.75	33.86	-91.36	-1,925.24	822.15	2,535.19	2,465.37	69.82	36.311		
7,450.00	7,173.87	7,477.01	7,169.47	37.17	33.79	-90.67	-1,924.69	803.12	2,535.86	2,465.72	70.14	36.154		
7,500.00	7,195.03	7,456.52	7,161.45	37.62	33.74	-90.02	-1,924.24	784.27	2,536.89	2,466.40	70.49	35.990		
7,550.00	7,212.58	7,435.93	7,152.69	38.11	33.69	-89.41	-1,923.90	765.64	2,538.24	2,467.38	70.86	35.819		
7,600.00	7,226.43	7,415.00	7,143.09	38.64	33.65	-88.81	-1,923.67	747.05	2,539.87	2,468.61	71.26	35.640		
7,650.00	7,236.48	7,390.32	7,130.87	39.20	33.60	-88.20	-1,923.51	725.61	2,541.70	2,470.00	71.70	35.450		
7,700.00	7,242.68	7,365.59	7,117.67	39.79	33.55	-87.62	-1,923.43	704.70	2,543.65	2,471.50	72.15	35.253		
7,753.32	7,245.00	7,339.46	7,102.72	40.44	33.49	-87.05	-1,923.44	683.27	2,545.82	2,473.16	72.66	35.038		
7,800.00	7,245.08	7,314.49	7,087.49	41.04	33.44	-86.70	-1,923.52	663.48	2,548.00	2,474.89	73.11	34.850		
7,900.00	7,245.26	7,229.44	7,029.94	42.43	33.25	-85.41	-1,923.13	600.95	2,553.83	2,479.80	74.03	34.498		
8,000.00	7,245.43	7,167.17	6,983.48	43.97	33.10	-84.36	-1,922.13	559.52	2,561.57	2,486.33	75.24	34.047		
8,100.00	7,245.61	7,113.97	6,941.93	45.64	32.96	-83.43	-1,921.04	526.33	2,571.73	2,495.14	76.59	33.578		
8,200.00	7,245.79	7,069.43	6,905.76	47.42	32.84	-82.62	-1,919.97	500.35	2,584.59	2,506.51	78.08	33.104		
8,300.00	7,245.97	7,029.32	6,872.18	49.30	32.73	-81.88	-1,918.88	478.45	2,600.33	2,520.70	79.63	32.655		
8,400.00	7,246.14	6,983.17	6,832.87	51.28	32.60	-81.00	-1,917.54	454.32	2,618.91	2,537.73	81.18	32.261		
8,500.00	7,246.32	6,939.57	6,795.34	53.34	32.47	-80.17	-1,916.19	432.16	2,640.28	2,557.53	82.75	31.908		
8,600.00	7,246.50	6,939.00	6,794.85	55.46	32.47	-80.16	-1,916.17	431.87	2,664.81	2,580.23	84.58	31.506		
8,700.00	7,246.67	6,904.03	6,764.22	57.66	32.36	-79.48	-1,915.22	415.04	2,692.19	2,606.01	86.18	31.238		
8,800.00	7,246.85	6,888.44	6,750.32	59.90	32.32	-79.18	-1,914.90	407.97	2,722.86	2,635.00	87.87	30.989		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
8,900.00	7,247.03	6,846.00	6,711.81	62.20	32.19	-78.34	-1,914.35	390.17	2,757.02	2,667.68	89.33	30.862		
9,000.00	7,247.21	6,846.00	6,711.81	64.55	32.19	-78.34	-1,914.35	390.17	2,793.38	2,702.37	91.01	30.691		
9,100.00	7,247.38	6,846.00	6,711.81	66.93	32.19	-78.34	-1,914.35	390.17	2,832.81	2,740.18	92.63	30.583		
9,200.00	7,247.56	6,846.00	6,711.81	69.35	32.19	-78.34	-1,914.35	390.17	2,875.18	2,781.01	94.17	30.532 SF		
9,300.00	7,247.74	6,846.00	6,711.81	71.80	32.19	-78.34	-1,914.35	390.17	2,920.36	2,824.72	95.64	30.536		
9,400.00	7,247.91	6,809.40	6,677.96	74.29	32.07	-77.60	-1,914.27	376.25	2,967.54	2,870.69	96.85	30.641		
9,500.00	7,248.09	6,797.68	6,667.03	76.79	32.03	-77.37	-1,914.32	372.03	3,017.43	2,919.31	98.12	30.752		
9,600.00	7,248.27	6,786.56	6,656.63	79.33	32.00	-77.14	-1,914.41	368.12	3,069.65	2,970.32	99.32	30.905		
9,700.00	7,248.45	6,752.00	6,624.04	81.88	31.89	-76.45	-1,914.88	356.61	3,124.37	3,024.03	100.35	31.136		
9,800.00	7,248.62	6,752.00	6,624.04	84.45	31.89	-76.45	-1,914.88	356.61	3,180.70	3,079.23	101.47	31.346		
9,900.00	7,248.80	6,752.00	6,624.04	87.04	31.89	-76.45	-1,914.88	356.61	3,239.14	3,136.61	102.52	31.594		
10,000.00	7,248.98	6,752.00	6,624.04	89.65	31.89	-76.45	-1,914.88	356.61	3,299.57	3,196.06	103.51	31.876		
10,100.00	7,249.15	6,752.00	6,624.04	92.28	31.89	-76.45	-1,914.88	356.61	3,361.89	3,257.46	104.43	32.191		
10,200.00	7,249.33	6,721.97	6,595.46	94.91	31.79	-75.84	-1,915.35	347.42	3,425.65	3,320.47	105.18	32.569		
10,300.00	7,249.51	6,711.39	6,585.32	97.56	31.75	-75.62	-1,915.49	344.37	3,491.15	3,385.19	105.95	32.951		
10,400.00	7,249.69	6,701.44	6,575.77	100.22	31.72	-75.42	-1,915.60	341.58	3,558.16	3,451.49	106.67	33.356		
10,500.00	7,249.86	6,692.08	6,566.77	102.89	31.69	-75.23	-1,915.69	339.04	3,626.63	3,519.29	107.34	33.785		
10,600.00	7,250.04	6,657.00	6,532.82	105.57	31.57	-74.52	-1,915.91	330.19	3,696.75	3,588.88	107.86	34.272		
10,700.00	7,250.22	6,657.00	6,532.82	108.27	31.57	-74.52	-1,915.91	330.19	3,767.74	3,659.25	108.49	34.729		
10,800.00	7,250.39	6,657.00	6,532.82	110.96	31.57	-74.52	-1,915.91	330.19	3,840.02	3,730.95	109.07	35.207		
10,900.00	7,250.57	6,657.00	6,532.82	113.67	31.57	-74.52	-1,915.91	330.19	3,913.52	3,803.91	109.61	35.703		
11,000.00	7,250.75	6,657.00	6,532.82	116.39	31.57	-74.52	-1,915.91	330.19	3,988.18	3,878.06	110.12	36.218		
11,100.00	7,250.93	6,657.00	6,532.82	119.11	31.57	-74.52	-1,915.91	330.19	4,063.92	3,953.34	110.58	36.750		
11,200.00	7,251.10	6,657.00	6,532.82	121.83	31.57	-74.52	-1,915.91	330.19	4,140.70	4,029.68	111.02	37.297		
11,300.00	7,251.28	6,657.00	6,532.82	124.57	31.57	-74.52	-1,915.91	330.19	4,218.44	4,107.02	111.43	37.859		
11,400.00	7,251.46	6,657.00	6,532.82	127.31	31.57	-74.52	-1,915.91	330.19	4,297.11	4,185.31	111.80	38.435		
11,500.00	7,251.63	6,657.00	6,532.82	130.05	31.57	-74.52	-1,915.91	330.19	4,376.65	4,264.50	112.15	39.023		
11,600.00	7,251.81	6,657.00	6,532.82	132.80	31.57	-74.52	-1,915.91	330.19	4,457.02	4,344.53	112.48	39.624		
11,700.00	7,251.99	6,657.00	6,532.82	135.55	31.57	-74.52	-1,915.91	330.19	4,538.16	4,425.37	112.79	40.236		
11,800.00	7,252.17	6,657.00	6,532.82	138.31	31.57	-74.52	-1,915.91	330.19	4,620.04	4,506.97	113.07	40.859		
11,900.00	7,252.34	6,657.00	6,532.82	141.07	31.57	-74.52	-1,915.91	330.19	4,702.63	4,589.29	113.34	41.493		
12,000.00	7,252.52	6,657.00	6,532.82	143.84	31.57	-74.52	-1,915.91	330.19	4,785.88	4,672.29	113.58	42.135		
12,100.00	7,252.70	6,657.00	6,532.82	146.61	31.57	-74.52	-1,915.91	330.19	4,869.75	4,755.94	113.81	42.787		
12,200.00	7,252.87	6,657.00	6,532.82	149.38	31.57	-74.52	-1,915.91	330.19	4,954.23	4,840.20	114.03	43.447		
12,300.00	7,253.05	6,657.00	6,532.82	152.16	31.57	-74.52	-1,915.91	330.19	5,039.28	4,925.05	114.23	44.115		
12,400.00	7,253.23	6,657.00	6,532.82	154.94	31.57	-74.52	-1,915.91	330.19	5,124.86	5,010.44	114.42	44.790		
12,500.00	7,253.41	6,657.00	6,532.82	157.72	31.57	-74.52	-1,915.91	330.19	5,210.96	5,096.37	114.60	45.473		
12,600.00	7,253.58	6,657.00	6,532.82	160.51	31.57	-74.52	-1,915.91	330.19	5,297.55	5,182.79	114.76	46.162		
12,700.00	7,253.76	6,657.00	6,532.82	163.29	31.57	-74.52	-1,915.91	330.19	5,384.60	5,269.69	114.91	46.858		
12,800.00	7,253.94	6,657.00	6,532.82	166.08	31.57	-74.52	-1,915.91	330.19	5,472.10	5,357.04	115.06	47.559		
12,900.00	7,254.11	6,657.00	6,532.82	168.88	31.57	-74.52	-1,915.91	330.19	5,560.01	5,444.82	115.19	48.266		
13,000.00	7,254.29	6,657.00	6,532.82	171.67	31.57	-74.52	-1,915.91	330.19	5,648.33	5,533.01	115.32	48.979		
13,100.00	7,254.47	6,657.00	6,532.82	174.47	31.57	-74.52	-1,915.91	330.19	5,737.03	5,621.59	115.44	49.697		
13,200.00	7,254.65	6,614.33	6,490.95	177.27	31.42	-73.64	-1,916.00	322.05	5,824.15	5,708.68	115.47	50.440		
13,300.00	7,254.82	6,613.21	6,489.85	180.07	31.41	-73.62	-1,916.00	321.89	5,913.46	5,797.89	115.57	51.167		
13,400.00	7,255.00	6,612.13	6,488.78	182.87	31.41	-73.60	-1,916.00	321.74	6,003.10	5,887.43	115.67	51.898		
13,500.00	7,255.18	6,611.09	6,487.74	185.67	31.41	-73.58	-1,916.00	321.59	6,093.06	5,977.30	115.76	52.634		
13,600.00	7,255.35	6,610.08	6,486.74	188.48	31.40	-73.55	-1,916.00	321.46	6,183.33	6,067.48	115.85	53.373		
13,700.00	7,255.53	6,609.10	6,485.78	191.29	31.40	-73.53	-1,916.00	321.33	6,273.90	6,157.96	115.94	54.115		
13,800.00	7,255.71	6,608.16	6,484.84	194.10	31.40	-73.52	-1,916.00	321.20	6,364.74	6,248.72	116.01	54.861		
13,900.00	7,255.89	6,607.24	6,483.93	196.91	31.39	-73.50	-1,916.00	321.08	6,455.85	6,339.76	116.09	55.611		
14,000.00	7,256.06	6,606.36	6,483.05	199.72	31.39	-73.48	-1,916.00	320.97	6,547.22	6,431.06	116.16	56.363		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
14,100.00	7,256.24	6,563.00	6,439.85	202.53	31.24	-72.58	-1,915.96	317.57	6,640.81	6,524.70	116.10	57.197		
14,200.00	7,256.42	6,563.00	6,439.85	205.35	31.24	-72.58	-1,915.96	317.57	6,732.59	6,616.42	116.17	57.953		
14,300.00	7,256.59	6,563.00	6,439.85	208.16	31.24	-72.58	-1,915.96	317.57	6,824.60	6,708.36	116.24	58.712		
14,400.00	7,256.77	6,563.00	6,439.85	210.98	31.24	-72.58	-1,915.96	317.57	6,916.83	6,800.53	116.30	59.474		
14,500.00	7,256.95	6,563.00	6,439.85	213.80	31.24	-72.58	-1,915.96	317.57	7,009.28	6,892.92	116.36	60.238		
14,600.00	7,257.13	6,563.00	6,439.85	216.62	31.24	-72.58	-1,915.96	317.57	7,101.93	6,985.51	116.42	61.004		
14,700.00	7,257.30	6,563.00	6,439.85	219.44	31.24	-72.58	-1,915.96	317.57	7,194.78	7,078.31	116.47	61.773		
14,800.00	7,257.48	6,563.00	6,439.85	222.26	31.24	-72.58	-1,915.96	317.57	7,287.81	7,171.29	116.52	62.543		
14,900.00	7,257.66	6,563.00	6,439.85	225.08	31.24	-72.58	-1,915.96	317.57	7,381.03	7,264.46	116.57	63.316		
15,000.00	7,257.83	6,563.00	6,439.85	227.91	31.24	-72.58	-1,915.96	317.57	7,474.43	7,357.80	116.62	64.090		
15,100.00	7,258.01	6,563.00	6,439.85	230.73	31.24	-72.58	-1,915.96	317.57	7,567.99	7,451.32	116.67	64.867		
15,200.00	7,258.19	6,563.00	6,439.85	233.56	31.24	-72.58	-1,915.96	317.57	7,661.72	7,545.00	116.72	65.644		
15,300.00	7,258.37	6,563.00	6,439.85	236.38	31.24	-72.58	-1,915.96	317.57	7,755.60	7,638.84	116.76	66.424		
15,400.00	7,258.54	6,563.00	6,439.85	239.21	31.24	-72.58	-1,915.96	317.57	7,849.63	7,732.83	116.80	67.204		
15,500.00	7,258.72	6,563.00	6,439.85	242.04	31.24	-72.58	-1,915.96	317.57	7,943.81	7,826.97	116.84	67.987		
15,600.00	7,258.90	6,563.00	6,439.85	244.87	31.24	-72.58	-1,915.96	317.57	8,038.13	7,921.25	116.88	68.770		
15,700.00	7,259.08	6,563.00	6,439.85	247.70	31.24	-72.58	-1,915.96	317.57	8,132.59	8,015.66	116.92	69.555		
15,800.00	7,259.25	6,563.00	6,439.85	250.53	31.24	-72.58	-1,915.96	317.57	8,227.17	8,110.21	116.96	70.340		
15,900.00	7,259.43	6,563.00	6,439.85	253.36	31.24	-72.58	-1,915.96	317.57	8,321.89	8,204.89	117.00	71.127		
16,000.00	7,259.61	6,563.00	6,439.85	256.19	31.24	-72.58	-1,915.96	317.57	8,416.72	8,299.68	117.04	71.915		
16,100.00	7,259.78	6,563.00	6,439.85	259.02	31.24	-72.58	-1,915.96	317.57	8,511.68	8,394.60	117.07	72.704		
16,200.00	7,259.96	6,563.00	6,439.85	261.85	31.24	-72.58	-1,915.96	317.57	8,606.74	8,489.63	117.11	73.493		
16,300.00	7,260.14	6,563.00	6,439.85	264.68	31.24	-72.58	-1,915.96	317.57	8,701.92	8,584.78	117.14	74.284		
16,400.00	7,260.32	6,563.00	6,439.85	267.52	31.24	-72.58	-1,915.96	317.57	8,797.21	8,680.03	117.18	75.075		
16,500.00	7,260.49	6,563.00	6,439.85	270.35	31.24	-72.58	-1,915.96	317.57	8,892.60	8,775.38	117.21	75.867		
16,600.00	7,260.67	6,563.00	6,439.85	273.19	31.24	-72.58	-1,915.96	317.57	8,988.09	8,870.84	117.25	76.659		
16,700.00	7,260.85	6,563.00	6,439.85	276.02	31.24	-72.58	-1,915.96	317.57	9,083.67	8,966.39	117.28	77.452		
16,800.00	7,261.02	6,563.00	6,439.85	278.86	31.24	-72.58	-1,915.96	317.57	9,179.35	9,062.04	117.31	78.245		
16,900.00	7,261.20	6,563.00	6,439.85	281.69	31.24	-72.58	-1,915.96	317.57	9,275.12	9,157.78	117.35	79.039		
17,000.00	7,261.38	6,563.00	6,439.85	284.53	31.24	-72.58	-1,915.96	317.57	9,370.98	9,253.60	117.38	79.834		
17,100.00	7,261.56	6,563.00	6,439.85	287.37	31.24	-72.58	-1,915.96	317.57	9,466.93	9,349.52	117.41	80.628		
17,200.00	7,261.73	6,563.00	6,439.85	290.21	31.24	-72.58	-1,915.96	317.57	9,562.96	9,445.51	117.45	81.424		
17,300.00	7,261.91	6,563.00	6,439.85	293.04	31.24	-72.58	-1,915.96	317.57	9,659.07	9,541.59	117.48	82.219		
17,400.00	7,262.09	6,563.00	6,439.85	295.88	31.24	-72.58	-1,915.96	317.57	9,755.25	9,637.74	117.51	83.014		
17,500.00	7,262.26	6,563.00	6,439.85	298.72	31.24	-72.58	-1,915.96	317.57	9,851.52	9,733.97	117.55	83.810		
17,600.00	7,262.44	6,563.00	6,439.85	301.56	31.24	-72.58	-1,915.96	317.57	9,947.86	9,830.28	117.58	84.606		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
0.00	0.00	0.00	0.00	3.28	3.28	147.50	-792.72	505.04	940.00					
100.00	100.00	91.17	91.17	3.28	3.29	147.48	-792.47	505.23	939.83	933.26	6.57	143.031		
200.00	200.00	193.61	193.60	3.34	3.31	147.42	-791.61	505.90	939.47	932.82	6.64	141.390		
300.00	299.98	291.46	291.44	3.44	3.36	81.87	-790.30	507.02	938.71	931.91	6.80	137.962		
400.00	399.84	383.90	383.86	3.60	3.47	82.06	-789.36	508.72	938.12	931.04	7.07	132.668		
500.00	499.45	476.62	476.55	3.81	3.62	82.43	-788.97	510.94	937.85	930.42	7.43	126.279		
532.05	531.30	506.41	506.33	3.89	3.68	82.60	-789.09	511.52	937.83	930.27	7.56	124.082 CC		
600.00	598.70	568.54	568.45	4.06	3.81	83.06	-789.84	512.38	937.95	930.09	7.86	119.378 ES		
700.00	697.47	656.04	655.92	4.34	4.01	83.91	-792.13	512.90	938.75	930.41	8.34	112.509		
800.00	795.62	736.74	736.51	4.66	4.21	84.95	-796.19	512.43	941.05	932.18	8.88	106.026		
824.00	819.08	754.68	754.41	4.75	4.26	85.21	-797.43	512.19	941.93	932.92	9.01	104.567		
900.00	893.28	811.00	810.51	5.02	4.42	86.14	-802.24	511.09	945.83	936.39	9.44	100.170		
1,000.00	990.92	888.02	886.98	5.40	4.65	87.51	-810.99	508.44	953.47	943.41	10.06	94.822		
1,100.00	1,088.56	957.31	955.44	5.80	4.88	88.85	-821.08	504.86	964.18	953.50	10.68	90.306		
1,200.00	1,186.19	1,031.61	1,028.40	6.21	5.13	90.36	-834.36	500.29	978.44	967.10	11.33	86.335		
1,300.00	1,283.83	1,118.73	1,113.72	6.64	5.44	92.12	-850.94	494.54	994.78	982.73	12.05	82.576		
1,400.00	1,381.47	1,204.33	1,197.56	7.08	5.77	93.78	-867.51	489.60	1,012.79	1,000.01	12.78	79.253		
1,500.00	1,479.10	1,283.44	1,274.91	7.53	6.08	95.26	-883.60	485.34	1,032.82	1,019.33	13.50	76.529		
1,600.00	1,576.74	1,365.21	1,354.61	7.99	6.42	96.77	-901.25	480.74	1,054.91	1,040.68	14.23	74.116		
1,700.00	1,674.38	1,455.83	1,442.78	8.45	6.81	98.41	-921.48	475.23	1,078.54	1,063.52	15.02	71.788		
1,800.00	1,772.02	1,543.00	1,527.48	8.92	7.19	99.96	-941.18	469.35	1,103.24	1,087.44	15.81	69.796		
1,900.00	1,869.65	1,633.36	1,615.19	9.39	7.60	101.52	-961.96	463.06	1,129.18	1,112.56	16.61	67.963		
2,000.00	1,967.29	1,725.72	1,705.03	9.87	8.03	102.96	-982.90	458.33	1,155.87	1,138.43	17.44	66.271		
2,100.00	2,064.93	1,818.15	1,795.00	10.35	8.46	104.30	-1,003.72	454.49	1,183.23	1,164.96	18.28	64.745		
2,200.00	2,162.56	1,922.82	1,897.03	10.83	8.95	105.70	-1,026.81	451.16	1,210.87	1,191.68	19.19	63.089		
2,300.00	2,260.20	2,020.02	1,991.95	11.32	9.41	106.96	-1,047.38	447.56	1,238.15	1,218.08	20.07	61.693		
2,400.00	2,357.84	2,120.89	2,090.39	11.80	9.89	108.32	-1,068.54	441.37	1,265.67	1,244.69	20.97	60.342		
2,500.00	2,455.48	2,241.93	2,208.93	12.29	10.46	109.83	-1,092.09	434.90	1,292.34	1,270.32	22.02	58.700		
2,600.00	2,553.11	2,344.40	2,309.62	12.78	10.94	111.03	-1,110.40	429.83	1,318.00	1,295.06	22.94	57.463		
2,700.00	2,650.75	2,444.60	2,408.11	13.27	11.41	112.15	-1,128.24	425.06	1,344.10	1,320.25	23.84	56.369		
2,800.00	2,748.39	2,544.54	2,506.62	13.77	11.88	113.21	-1,144.52	420.77	1,369.11	1,344.36	24.75	55.311		
2,900.00	2,846.02	2,624.17	2,584.92	14.26	12.26	114.02	-1,158.64	417.51	1,395.85	1,370.32	25.53	54.682		
3,000.00	2,943.66	2,725.55	2,684.77	14.76	12.74	114.99	-1,175.79	413.79	1,422.18	1,395.73	26.45	53.767		
3,100.00	3,041.30	2,790.58	2,748.64	15.25	13.05	115.63	-1,187.63	410.70	1,450.17	1,423.05	27.12	53.476		
3,200.00	3,138.94	2,902.32	2,858.30	15.75	13.59	116.69	-1,208.28	405.05	1,478.81	1,450.68	28.12	52.581		
3,300.00	3,236.57	3,011.65	2,965.74	16.25	14.11	117.68	-1,227.83	399.75	1,507.27	1,478.16	29.11	51.776		
3,400.00	3,334.21	3,114.63	3,067.35	16.75	14.60	118.55	-1,243.99	395.46	1,533.72	1,503.67	30.05	51.036		
3,500.00	3,431.85	3,175.66	3,127.39	17.25	14.89	119.06	-1,254.61	392.82	1,562.16	1,531.47	30.69	50.905		
3,600.00	3,529.48	3,247.50	3,197.85	17.75	15.24	119.61	-1,268.36	390.15	1,592.43	1,561.04	31.40	50.718		
3,700.00	3,627.12	3,389.29	3,337.22	18.25	15.92	120.62	-1,294.13	386.41	1,621.72	1,589.07	32.65	49.675		
3,800.00	3,724.76	3,472.44	3,419.08	18.75	16.32	121.20	-1,308.49	384.00	1,650.55	1,617.11	33.45	49.348		
3,900.00	3,822.40	3,555.36	3,500.62	19.25	16.72	121.76	-1,323.34	381.32	1,680.22	1,645.97	34.25	49.064		
4,000.00	3,920.03	3,642.00	3,585.72	19.75	17.15	122.34	-1,339.31	378.33	1,710.61	1,675.54	35.07	48.773		
4,100.00	4,017.67	3,745.47	3,687.40	20.25	17.65	123.03	-1,357.96	374.04	1,740.93	1,704.89	36.03	48.315		
4,200.00	4,115.31	3,822.00	3,762.59	20.76	18.02	123.53	-1,371.86	370.66	1,771.64	1,734.86	36.78	48.171		
4,300.00	4,212.94	3,877.88	3,817.31	21.26	18.30	123.89	-1,382.83	368.07	1,803.98	1,766.63	37.35	48.301		
4,400.00	4,310.58	3,933.81	3,871.82	21.76	18.58	124.24	-1,395.03	365.15	1,838.53	1,800.62	37.90	48.506		
4,500.00	4,408.22	4,000.51	3,936.59	22.27	18.93	124.64	-1,410.60	361.69	1,874.70	1,836.15	38.55	48.634		
4,600.00	4,505.86	4,109.35	4,042.18	22.77	19.49	125.28	-1,436.26	355.48	1,911.36	1,871.77	39.59	48.284		
4,700.00	4,603.49	4,200.00	4,184.80	23.28	22.46	126.16	-1,467.77	346.14	1,946.51	1,903.49	43.02	45.247		
4,800.00	4,701.13	4,428.49	4,354.58	23.78	21.08	127.17	-1,497.84	335.66	1,977.44	1,934.96	42.48	46.546		
4,900.00	4,798.77	4,514.88	4,439.71	24.28	21.49	127.64	-1,511.86	331.26	2,007.68	1,964.37	43.31	46.357		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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	4,896.40	4,592.17	4,515.75	24.79	21.87	128.02	-1,525.29	328.03	2,038.85	1,994.78	44.06	46.271		
5,100.00	4,994.04	4,702.06	4,623.88	25.30	22.40	128.54	-1,544.41	323.76	2,070.10	2,025.02	45.08	45.919		
5,200.00	5,091.68	4,853.91	4,773.70	25.80	23.13	129.32	-1,567.63	315.38	2,100.15	2,053.74	46.41	45.252		
5,300.00	5,189.32	5,002.01	4,920.44	26.31	23.81	130.10	-1,585.76	306.93	2,127.47	2,079.80	47.67	44.631		
5,400.00	5,286.95	5,125.06	5,042.69	26.81	24.37	130.71	-1,598.44	301.02	2,152.84	2,104.11	48.74	44.174		
5,500.00	5,384.59	5,439.93	5,356.76	27.32	25.69	132.27	-1,613.92	288.76	2,173.44	2,122.69	50.74	42.831		
5,600.00	5,482.23	5,527.81	5,444.61	27.82	26.03	132.70	-1,614.29	286.60	2,189.40	2,137.83	51.57	42.454		
5,700.00	5,579.87	5,646.12	5,562.90	28.33	26.48	133.25	-1,614.15	284.25	2,204.82	2,152.31	52.51	41.986		
5,800.00	5,677.50	5,756.02	5,672.77	28.84	26.89	133.77	-1,613.67	281.77	2,220.28	2,166.86	53.42	41.565		
5,900.00	5,775.14	5,878.70	5,795.43	29.34	27.34	134.30	-1,611.81	280.74	2,234.28	2,179.92	54.35	41.107		
6,000.00	5,872.78	5,972.26	5,888.98	29.85	27.67	134.67	-1,610.75	281.49	2,248.26	2,193.08	55.19	40.740		
6,100.00	5,970.41	6,065.05	5,981.76	30.36	28.01	135.03	-1,609.88	282.06	2,262.59	2,206.58	56.02	40.391		
6,200.00	6,068.05	6,163.01	6,079.72	30.86	28.36	135.42	-1,608.84	281.99	2,277.15	2,220.28	56.87	40.043		
6,300.00	6,165.69	6,265.82	6,182.51	31.37	28.74	135.84	-1,607.40	281.41	2,291.68	2,233.95	57.74	39.691		
6,400.00	6,263.33	7,637.72	7,061.40	31.88	36.06	120.54	-1,591.02	1,064.25	2,268.84	2,206.10	62.73	36.165		
6,500.00	6,360.96	7,647.28	7,061.41	32.38	36.19	120.29	-1,591.47	1,073.80	2,245.22	2,180.89	64.33	34.900		
6,600.00	6,458.60	7,657.58	7,061.49	32.89	36.34	120.03	-1,591.97	1,084.08	2,225.77	2,159.91	65.86	33.794		
6,628.42	6,486.35	7,660.65	7,061.53	33.04	36.39	119.95	-1,592.12	1,087.15	2,221.01	2,154.73	66.28	33.509		
6,650.00	6,507.49	7,662.84	7,061.56	33.14	36.42	123.90	-1,592.23	1,089.34	2,217.60	2,151.01	66.59	33.302		
6,700.00	6,556.88	7,666.55	7,061.63	33.37	36.47	140.85	-1,592.42	1,093.04	2,210.26	2,143.00	67.26	32.863		
6,750.00	6,606.60	7,668.23	7,061.66	33.58	36.50	178.83	-1,592.51	1,094.72	2,203.76	2,135.92	67.85	32.481		
6,800.00	6,656.35	7,667.75	7,061.65	33.76	36.49	-139.36	-1,592.49	1,094.24	2,198.17	2,129.80	68.36	32.154		
6,850.00	6,705.83	7,664.97	7,061.60	33.94	36.45	-119.17	-1,592.34	1,091.47	2,193.51	2,124.70	68.81	31.878		
6,900.00	6,754.72	7,659.76	7,061.52	34.12	36.38	-109.88	-1,592.08	1,086.26	2,189.80	2,120.62	69.19	31.650		
6,950.00	6,802.72	7,651.98	7,061.43	34.31	36.26	-104.77	-1,591.69	1,078.50	2,187.06	2,117.56	69.50	31.468		
7,000.00	6,849.54	7,641.53	7,061.40	34.50	36.11	-101.50	-1,591.20	1,068.06	2,185.24	2,115.49	69.75	31.330		
7,050.00	6,894.89	7,628.31	7,061.47	34.71	35.92	-99.15	-1,590.60	1,054.85	2,184.32	2,114.38	69.93	31.234		
7,081.41	6,922.51	7,618.56	7,061.61	34.85	35.78	-97.94	-1,590.18	1,045.11	2,184.16	2,114.14	70.02	31.193		
7,100.00	6,938.49	7,603.00	7,061.99	34.93	35.55	-97.08	-1,589.55	1,029.56	2,184.24	2,114.34	69.91	31.244		
7,150.00	6,980.07	7,603.00	7,061.99	35.17	35.55	-95.91	-1,589.55	1,029.56	2,184.88	2,114.60	70.28	31.088		
7,200.00	7,019.38	7,573.64	7,062.60	35.43	35.18	-94.34	-1,588.53	1,000.23	2,186.14	2,115.91	70.23	31.128		
7,250.00	7,056.17	7,552.44	7,062.68	35.71	34.91	-93.10	-1,587.95	979.04	2,188.00	2,117.70	70.30	31.124		
7,300.00	7,090.21	7,530.16	7,062.44	36.03	34.63	-91.97	-1,587.47	956.77	2,190.36	2,120.00	70.37	31.128		
7,350.00	7,121.30	7,508.00	7,061.88	36.37	34.35	-90.93	-1,587.14	934.61	2,193.14	2,122.68	70.45	31.129		
7,400.00	7,149.25	7,485.32	7,060.76	36.75	34.10	-89.96	-1,586.96	911.96	2,196.26	2,125.67	70.59	31.112		
7,450.00	7,173.87	7,463.40	7,058.97	37.17	33.86	-89.06	-1,586.95	890.12	2,199.70	2,128.93	70.77	31.082		
7,500.00	7,195.03	7,441.29	7,056.47	37.62	33.62	-88.22	-1,587.11	868.15	2,203.38	2,132.39	70.98	31.042		
7,550.00	7,212.58	7,414.00	7,052.41	38.11	33.33	-87.37	-1,587.54	841.17	2,207.25	2,136.09	71.16	31.020		
7,600.00	7,226.43	7,414.00	7,052.41	38.64	33.33	-86.88	-1,587.54	841.17	2,211.37	2,139.65	71.72	30.833		
7,650.00	7,236.48	7,378.23	7,045.40	39.20	33.00	-86.05	-1,588.55	806.11	2,215.36	2,143.45	71.91	30.807		
7,700.00	7,242.68	7,357.93	7,040.56	39.79	32.82	-85.44	-1,589.37	786.42	2,219.56	2,147.25	72.30	30.698		
7,753.32	7,245.00	7,319.00	7,029.54	40.44	32.50	-84.72	-1,591.44	749.14	2,224.20	2,151.65	72.55	30.657		
7,800.00	7,245.08	7,319.00	7,029.54	41.04	32.50	-84.72	-1,591.44	749.14	2,228.27	2,155.09	73.18	30.450		
7,900.00	7,245.26	7,249.96	7,005.77	42.43	32.06	-84.12	-1,595.84	684.49	2,238.71	2,164.76	73.96	30.271		
8,000.00	7,245.43	7,180.88	6,976.88	43.97	31.76	-83.39	-1,600.30	621.94	2,250.83	2,175.92	74.91	30.047		
8,100.00	7,245.61	7,034.00	6,889.98	45.64	31.34	-81.19	-1,603.01	504.33	2,263.01	2,187.62	75.38	30.020		
8,200.00	7,245.79	6,997.60	6,863.71	47.42	31.24	-80.52	-1,601.74	479.17	2,276.17	2,199.32	76.84	29.620		
8,300.00	7,245.97	6,979.45	6,850.22	49.30	31.19	-80.18	-1,601.58	467.02	2,293.30	2,214.83	78.48	29.222		
8,400.00	7,246.14	6,939.00	6,819.32	51.28	31.08	-79.41	-1,602.31	440.95	2,314.57	2,234.62	79.95	28.949		
8,500.00	7,246.32	6,939.00	6,819.32	53.34	31.08	-79.41	-1,602.31	440.95	2,338.62	2,256.90	81.72	28.616		
8,600.00	7,246.50	6,902.18	6,790.07	55.46	30.97	-78.69	-1,603.33	418.60	2,366.36	2,283.15	83.22	28.436		
8,700.00	7,246.67	6,850.26	6,746.97	57.66	30.82	-77.62	-1,603.61	389.69	2,396.68	2,312.12	84.56	28.343		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
8,800.00	7,246.85	6,845.00	6,742.49	59.90	30.80	-77.51	-1,603.56	386.94	2,430.07	2,343.89	86.18	28.197		
8,900.00	7,247.03	6,806.82	6,709.31	62.20	30.68	-76.69	-1,603.11	368.08	2,466.30	2,378.79	87.52	28.181		
9,000.00	7,247.21	6,789.60	6,693.97	64.55	30.62	-76.32	-1,602.88	360.23	2,505.84	2,416.91	88.93	28.179 SF		
9,100.00	7,247.38	6,751.00	6,658.87	66.93	30.50	-75.46	-1,602.29	344.20	2,548.70	2,458.59	90.11	28.285		
9,200.00	7,247.56	6,751.00	6,658.87	69.35	30.50	-75.46	-1,602.29	344.20	2,593.93	2,502.44	91.49	28.351		
9,300.00	7,247.74	6,751.00	6,658.87	71.80	30.50	-75.46	-1,602.29	344.20	2,642.17	2,549.38	92.79	28.474		
9,400.00	7,247.91	6,751.00	6,658.87	74.29	30.50	-75.46	-1,602.29	344.20	2,693.27	2,599.26	94.01	28.650		
9,500.00	7,248.09	6,751.00	6,658.87	76.79	30.50	-75.46	-1,602.29	344.20	2,747.05	2,651.92	95.14	28.875		
9,600.00	7,248.27	6,751.00	6,658.87	79.33	30.50	-75.46	-1,602.29	344.20	2,803.38	2,707.19	96.18	29.146		
9,700.00	7,248.45	6,710.20	6,620.90	81.88	30.36	-74.54	-1,601.99	329.28	2,860.90	2,763.97	96.94	29.513		
9,800.00	7,248.62	6,701.99	6,613.18	84.45	30.33	-74.36	-1,602.02	326.50	2,921.32	2,823.52	97.80	29.869		
9,900.00	7,248.80	6,694.20	6,605.83	87.04	30.30	-74.18	-1,602.07	323.92	2,983.78	2,885.18	98.61	30.259		
10,000.00	7,248.98	6,656.00	6,569.46	89.65	30.17	-73.32	-1,602.73	312.25	3,048.85	2,949.66	99.19	30.738		
10,100.00	7,249.15	6,656.00	6,569.46	92.28	30.17	-73.32	-1,602.73	312.25	3,114.76	3,014.84	99.92	31.173		
10,200.00	7,249.33	6,656.00	6,569.46	94.91	30.17	-73.32	-1,602.73	312.25	3,182.45	3,081.86	100.59	31.638		
10,300.00	7,249.51	6,656.00	6,569.46	97.56	30.17	-73.32	-1,602.73	312.25	3,251.80	3,150.60	101.21	32.131		
10,400.00	7,249.69	6,656.00	6,569.46	100.22	30.17	-73.32	-1,602.73	312.25	3,322.72	3,220.95	101.77	32.649		
10,500.00	7,249.86	6,656.00	6,569.46	102.89	30.17	-73.32	-1,602.73	312.25	3,395.11	3,292.82	102.29	33.191		
10,600.00	7,250.04	6,656.00	6,569.46	105.57	30.17	-73.32	-1,602.73	312.25	3,468.86	3,366.10	102.76	33.756		
10,700.00	7,250.22	6,656.00	6,569.46	108.27	30.17	-73.32	-1,602.73	312.25	3,543.90	3,440.70	103.20	34.340		
10,800.00	7,250.39	6,656.00	6,569.46	110.96	30.17	-73.32	-1,602.73	312.25	3,620.15	3,516.56	103.60	34.944		
10,900.00	7,250.57	6,656.00	6,569.46	113.67	30.17	-73.32	-1,602.73	312.25	3,697.53	3,593.57	103.96	35.566		
11,000.00	7,250.75	6,618.95	6,533.75	116.39	30.03	-72.49	-1,603.57	302.44	3,775.25	3,671.07	104.18	36.238		
11,100.00	7,250.93	6,613.00	6,527.98	119.11	30.01	-72.35	-1,603.69	301.00	3,854.44	3,749.97	104.47	36.894		
11,200.00	7,251.10	6,607.36	6,522.50	121.83	29.99	-72.23	-1,603.79	299.67	3,934.54	3,829.80	104.74	37.564		
11,300.00	7,251.28	6,602.00	6,517.29	124.57	29.97	-72.10	-1,603.88	298.44	4,015.50	3,910.51	104.99	38.247		
11,400.00	7,251.46	6,596.90	6,512.32	127.31	29.95	-71.99	-1,603.96	297.29	4,097.27	3,992.05	105.22	38.942		
11,500.00	7,251.63	6,562.00	6,478.14	130.05	29.83	-71.20	-1,604.41	290.22	4,180.30	4,074.98	105.32	39.692		
11,600.00	7,251.81	6,562.00	6,478.14	132.80	29.83	-71.20	-1,604.41	290.22	4,263.42	4,157.89	105.53	40.401		
11,700.00	7,251.99	6,562.00	6,478.14	135.55	29.83	-71.20	-1,604.41	290.22	4,347.26	4,241.53	105.72	41.120		
11,800.00	7,252.17	6,562.00	6,478.14	138.31	29.83	-71.20	-1,604.41	290.22	4,431.76	4,325.86	105.90	41.848		
11,900.00	7,252.34	6,562.00	6,478.14	141.07	29.83	-71.20	-1,604.41	290.22	4,516.90	4,410.84	106.06	42.587		
12,000.00	7,252.52	6,562.00	6,478.14	143.84	29.83	-71.20	-1,604.41	290.22	4,602.64	4,496.42	106.21	43.334		
12,100.00	7,252.70	6,562.00	6,478.14	146.61	29.83	-71.20	-1,604.41	290.22	4,688.94	4,582.59	106.35	44.089		
12,200.00	7,252.87	6,562.00	6,478.14	149.38	29.83	-71.20	-1,604.41	290.22	4,775.78	4,669.30	106.48	44.852		
12,300.00	7,253.05	6,562.00	6,478.14	152.16	29.83	-71.20	-1,604.41	290.22	4,863.12	4,756.52	106.60	45.622		
12,400.00	7,253.23	6,562.00	6,478.14	154.94	29.83	-71.20	-1,604.41	290.22	4,950.94	4,844.24	106.70	46.398		
12,500.00	7,253.41	6,562.00	6,478.14	157.72	29.83	-71.20	-1,604.41	290.22	5,039.22	4,932.41	106.80	47.182		
12,600.00	7,253.58	6,562.00	6,478.14	160.51	29.83	-71.20	-1,604.41	290.22	5,127.92	5,021.02	106.90	47.971		
12,700.00	7,253.76	6,562.00	6,478.14	163.29	29.83	-71.20	-1,604.41	290.22	5,217.04	5,110.05	106.98	48.766		
12,800.00	7,253.94	6,562.00	6,478.14	166.08	29.83	-71.20	-1,604.41	290.22	5,306.54	5,199.48	107.06	49.566		
12,900.00	7,254.11	6,562.00	6,478.14	168.88	29.83	-71.20	-1,604.41	290.22	5,396.41	5,289.28	107.13	50.371		
13,000.00	7,254.29	6,562.00	6,478.14	171.67	29.83	-71.20	-1,604.41	290.22	5,486.63	5,379.43	107.20	51.181		
13,100.00	7,254.47	6,562.00	6,478.14	174.47	29.83	-71.20	-1,604.41	290.22	5,577.18	5,469.92	107.26	51.996		
13,200.00	7,254.65	6,562.00	6,478.14	177.27	29.83	-71.20	-1,604.41	290.22	5,668.06	5,560.74	107.32	52.814		
13,300.00	7,254.82	6,562.00	6,478.14	180.07	29.83	-71.20	-1,604.41	290.22	5,759.23	5,651.86	107.37	53.637		
13,400.00	7,255.00	6,562.00	6,478.14	182.87	29.83	-71.20	-1,604.41	290.22	5,850.69	5,743.27	107.42	54.463		
13,500.00	7,255.18	6,562.00	6,478.14	185.67	29.83	-71.20	-1,604.41	290.22	5,942.43	5,834.96	107.47	55.293		
13,600.00	7,255.35	6,562.00	6,478.14	188.48	29.83	-71.20	-1,604.41	290.22	6,034.43	5,926.92	107.52	56.126		
13,700.00	7,255.53	6,562.00	6,478.14	191.29	29.83	-71.20	-1,604.41	290.22	6,126.68	6,019.13	107.56	56.962		
13,800.00	7,255.71	6,562.00	6,478.14	194.10	29.83	-71.20	-1,604.41	290.22	6,219.18	6,111.58	107.60	57.801		
13,900.00	7,255.89	6,562.00	6,478.14	196.91	29.83	-71.20	-1,604.41	290.22	6,311.90	6,204.26	107.63	58.643		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
14,000.00	7,256.06	6,562.00	6,478.14	199.72	29.83	-71.20	-1,604.41	290.22	6,404.83	6,297.17	107.67	59.487		
14,100.00	7,256.24	6,562.00	6,478.14	202.53	29.83	-71.20	-1,604.41	290.22	6,497.98	6,390.28	107.70	60.334		
14,200.00	7,256.42	6,562.00	6,478.14	205.35	29.83	-71.20	-1,604.41	290.22	6,591.33	6,483.60	107.73	61.183		
14,300.00	7,256.59	6,562.00	6,478.14	208.16	29.83	-71.20	-1,604.41	290.22	6,684.88	6,577.11	107.76	62.034		
14,400.00	7,256.77	6,562.00	6,478.14	210.98	29.83	-71.20	-1,604.41	290.22	6,778.60	6,670.81	107.79	62.887		
14,500.00	7,256.95	6,562.00	6,478.14	213.80	29.83	-71.20	-1,604.41	290.22	6,872.50	6,764.69	107.82	63.742		
14,600.00	7,257.13	6,562.00	6,478.14	216.62	29.83	-71.20	-1,604.41	290.22	6,966.58	6,858.73	107.84	64.599		
14,700.00	7,257.30	6,562.00	6,478.14	219.44	29.83	-71.20	-1,604.41	290.22	7,060.81	6,952.94	107.87	65.457		
14,800.00	7,257.48	6,562.00	6,478.14	222.26	29.83	-71.20	-1,604.41	290.22	7,155.21	7,047.31	107.89	66.317		
14,900.00	7,257.66	6,562.00	6,478.14	225.08	29.83	-71.20	-1,604.41	290.22	7,249.75	7,141.83	107.92	67.179		
15,000.00	7,257.83	6,562.00	6,478.14	227.91	29.83	-71.20	-1,604.41	290.22	7,344.43	7,236.49	107.94	68.041		
15,100.00	7,258.01	6,562.00	6,478.14	230.73	29.83	-71.20	-1,604.41	290.22	7,439.26	7,331.30	107.96	68.905		
15,200.00	7,258.19	6,562.00	6,478.14	233.56	29.83	-71.20	-1,604.41	290.22	7,534.22	7,426.23	107.99	69.770		
15,300.00	7,258.37	6,562.00	6,478.14	236.38	29.83	-71.20	-1,604.41	290.22	7,629.31	7,521.30	108.01	70.636		
15,400.00	7,258.54	6,562.00	6,478.14	239.21	29.83	-71.20	-1,604.41	290.22	7,724.52	7,616.49	108.03	71.503		
15,500.00	7,258.72	6,562.00	6,478.14	242.04	29.83	-71.20	-1,604.41	290.22	7,819.85	7,711.80	108.05	72.371		
15,600.00	7,258.90	6,562.00	6,478.14	244.87	29.83	-71.20	-1,604.41	290.22	7,915.30	7,807.23	108.07	73.240		
15,700.00	7,259.08	6,562.00	6,478.14	247.70	29.83	-71.20	-1,604.41	290.22	8,010.86	7,902.77	108.09	74.110		
15,800.00	7,259.25	6,562.00	6,478.14	250.53	29.83	-71.20	-1,604.41	290.22	8,106.53	7,998.41	108.12	74.980		
15,900.00	7,259.43	6,562.00	6,478.14	253.36	29.83	-71.20	-1,604.41	290.22	8,202.30	8,094.16	108.14	75.850		
16,000.00	7,259.61	6,562.00	6,478.14	256.19	29.83	-71.20	-1,604.41	290.22	8,298.16	8,190.01	108.16	76.722		
16,100.00	7,259.78	6,562.00	6,478.14	259.02	29.83	-71.20	-1,604.41	290.22	8,394.13	8,285.95	108.18	77.593		
16,200.00	7,259.96	6,562.00	6,478.14	261.85	29.83	-71.20	-1,604.41	290.22	8,490.19	8,381.99	108.20	78.465		
16,300.00	7,260.14	6,562.00	6,478.14	264.68	29.83	-71.20	-1,604.41	290.22	8,586.34	8,478.11	108.22	79.338		
16,400.00	7,260.32	6,562.00	6,478.14	267.52	29.83	-71.20	-1,604.41	290.22	8,682.57	8,574.33	108.25	80.211		
16,500.00	7,260.49	6,517.93	6,434.54	270.35	29.67	-70.20	-1,604.85	283.99	8,776.95	8,668.74	108.20	81.115		
16,600.00	7,260.67	6,517.39	6,433.99	273.19	29.66	-70.19	-1,604.86	283.94	8,873.30	8,765.07	108.23	81.988		
16,700.00	7,260.85	6,516.86	6,433.46	276.02	29.66	-70.18	-1,604.87	283.88	8,969.73	8,861.48	108.25	82.862		
16,800.00	7,261.02	6,516.34	6,432.94	278.86	29.66	-70.16	-1,604.87	283.83	9,066.24	8,957.97	108.27	83.736		
16,900.00	7,261.20	6,515.83	6,432.44	281.69	29.66	-70.15	-1,604.88	283.79	9,162.82	9,054.53	108.30	84.610		
17,000.00	7,261.38	6,515.33	6,431.94	284.53	29.66	-70.14	-1,604.88	283.74	9,259.48	9,151.16	108.32	85.483		
17,100.00	7,261.56	6,514.84	6,431.45	287.37	29.65	-70.13	-1,604.89	283.69	9,356.20	9,247.86	108.34	86.357		
17,200.00	7,261.73	6,514.36	6,430.98	290.21	29.65	-70.12	-1,604.89	283.65	9,452.99	9,344.63	108.37	87.231		
17,300.00	7,261.91	6,513.89	6,430.51	293.04	29.65	-70.11	-1,604.90	283.61	9,549.85	9,441.46	108.39	88.104		
17,400.00	7,262.09	6,513.43	6,430.05	295.88	29.65	-70.10	-1,604.90	283.56	9,646.77	9,538.36	108.42	88.978		
17,500.00	7,262.26	6,512.98	6,429.60	298.72	29.65	-70.09	-1,604.91	283.52	9,743.76	9,635.31	108.44	89.851		
17,600.00	7,262.44	6,512.53	6,429.16	301.56	29.65	-70.08	-1,604.91	283.48	9,840.80	9,732.33	108.47	90.724		
17,700.00	7,262.62	6,468.00	6,384.69	304.40	29.48	-69.07	-1,605.37	281.49	9,939.85	9,831.44	108.41	91.685		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
0.00	0.00	0.00	0.00	3.28	0.00	142.21	-652.83	506.15	826.13					
100.00	100.00	88.15	88.14	3.28	0.20	142.19	-652.63	506.48	826.10	822.63	3.48	237.515 CC, ES		
200.00	200.00	177.20	177.18	3.34	0.47	142.10	-652.14	507.70	826.55	822.73	3.82	216.650		
300.00	299.98	255.15	255.06	3.44	0.82	76.41	-652.27	511.05	828.92	824.61	4.30	192.613		
400.00	399.84	329.00	328.70	3.60	1.16	76.31	-652.94	516.52	833.06	828.22	4.84	171.944		
500.00	499.45	406.05	405.29	3.81	1.51	76.25	-654.52	524.74	839.30	833.86	5.44	154.312		
600.00	598.70	477.94	476.44	4.06	1.84	76.25	-657.33	534.63	847.99	841.92	6.07	139.618		
700.00	697.47	552.44	549.86	4.34	2.18	76.37	-662.09	546.37	859.06	852.32	6.74	127.489		
800.00	795.62	631.25	627.26	4.66	2.56	76.70	-669.22	559.30	871.94	864.50	7.43	117.299		
824.00	819.08	651.09	646.72	4.75	2.65	76.82	-671.32	562.57	875.23	867.63	7.60	115.090		
900.00	893.28	713.74	708.09	5.02	2.96	77.44	-678.69	572.77	886.36	878.20	8.16	108.661		
1,000.00	990.92	796.33	788.85	5.40	3.37	78.34	-690.38	585.53	902.68	893.78	8.90	101.418		
1,100.00	1,088.56	887.46	877.85	5.80	3.82	79.53	-706.09	597.13	920.43	910.75	9.68	95.113		
1,200.00	1,186.19	997.30	985.12	6.21	4.34	81.30	-728.08	605.42	938.35	927.83	10.52	89.179		
1,300.00	1,283.83	1,109.03	1,094.25	6.64	4.85	83.45	-751.95	606.45	954.98	943.58	11.40	83.791		
1,400.00	1,381.47	1,192.73	1,175.55	7.08	5.22	85.25	-771.57	603.32	972.54	960.35	12.19	79.803		
1,500.00	1,479.10	1,266.47	1,246.62	7.53	5.55	86.91	-790.73	599.01	992.74	979.80	12.94	76.724		
1,600.00	1,576.74	1,341.83	1,318.75	7.99	5.89	88.64	-811.90	593.77	1,015.78	1,002.08	13.70	74.149		
1,700.00	1,674.38	1,422.47	1,395.55	8.45	6.27	90.47	-835.74	587.63	1,041.30	1,026.81	14.49	71.885		
1,800.00	1,772.02	1,500.71	1,469.81	8.92	6.65	92.21	-859.55	581.40	1,068.88	1,053.62	15.26	70.047		
1,900.00	1,869.65	1,583.66	1,548.22	9.39	7.07	94.01	-885.70	574.40	1,098.61	1,082.55	16.06	68.404		
2,000.00	1,967.29	1,678.93	1,638.27	9.87	7.56	96.01	-915.64	565.95	1,129.43	1,112.49	16.94	66.662		
2,100.00	2,064.93	1,783.15	1,737.16	10.35	8.11	98.06	-947.16	556.53	1,160.30	1,142.40	17.89	64.855		
2,200.00	2,162.56	1,865.80	1,815.78	10.83	8.55	99.59	-971.65	549.49	1,191.77	1,173.08	18.70	63.741		
2,300.00	2,260.20	1,924.48	1,871.45	11.32	8.87	100.59	-989.82	545.65	1,225.65	1,206.32	19.33	63.412		
2,400.00	2,357.84	2,002.03	1,944.69	11.80	9.31	101.78	-1,015.10	542.50	1,262.06	1,241.97	20.09	62.806		
2,500.00	2,455.48	2,095.20	2,032.79	12.29	9.83	103.10	-1,045.29	539.58	1,299.05	1,278.07	20.99	61.900		
2,600.00	2,553.11	2,199.89	2,132.02	12.78	10.43	104.47	-1,078.53	536.85	1,336.06	1,314.08	21.97	60.799		
2,700.00	2,650.75	2,296.47	2,223.92	13.27	10.97	105.65	-1,108.14	534.49	1,372.51	1,349.61	22.90	59.935		
2,800.00	2,748.39	2,382.45	2,305.74	13.77	11.45	106.65	-1,134.47	532.41	1,409.38	1,385.64	23.74	59.366		
2,900.00	2,846.02	2,479.36	2,397.85	14.26	12.00	107.80	-1,164.30	528.25	1,446.78	1,422.11	24.67	58.639		
3,000.00	2,943.66	2,571.64	2,485.76	14.76	12.52	108.81	-1,192.15	524.81	1,484.03	1,458.46	25.57	58.042		
3,100.00	3,041.30	2,657.88	2,567.92	15.25	13.01	109.68	-1,218.25	522.46	1,521.75	1,495.34	26.41	57.610		
3,200.00	3,138.94	2,743.37	2,649.31	15.75	13.50	110.49	-1,244.35	520.66	1,560.05	1,532.79	27.26	57.235		
3,300.00	3,236.57	2,828.91	2,730.68	16.25	13.98	111.25	-1,270.69	519.16	1,598.88	1,570.78	28.10	56.898		
3,400.00	3,334.21	2,910.46	2,808.13	16.75	14.45	112.01	-1,295.99	515.89	1,638.28	1,609.37	28.91	56.671		
3,500.00	3,431.85	2,987.41	2,881.05	17.25	14.89	112.71	-1,320.34	512.64	1,678.55	1,648.88	29.67	56.565		
3,600.00	3,529.48	3,063.56	2,953.04	17.75	15.34	113.36	-1,344.96	509.53	1,719.75	1,689.32	30.43	56.509		
3,700.00	3,627.12	3,170.14	3,053.86	18.25	15.96	114.22	-1,379.33	505.69	1,761.09	1,729.61	31.48	55.942		
3,800.00	3,724.76	3,253.84	3,133.11	18.75	16.44	114.85	-1,406.13	503.12	1,802.39	1,770.08	32.31	55.778		
3,900.00	3,822.40	3,338.70	3,213.42	19.25	16.94	115.49	-1,433.37	499.87	1,844.05	1,810.89	33.16	55.614		
4,000.00	3,920.03	3,473.33	3,341.33	19.75	17.71	116.46	-1,474.99	494.26	1,884.79	1,850.33	34.47	54.686		
4,100.00	4,017.67	3,590.72	3,453.50	20.25	18.37	117.21	-1,509.44	490.98	1,924.18	1,888.57	35.60	54.046		
4,200.00	4,115.31	3,682.19	3,541.15	20.76	18.89	117.74	-1,535.56	489.55	1,962.83	1,926.32	36.51	53.767		
4,300.00	4,212.94	3,764.85	3,620.27	21.26	19.35	118.22	-1,559.39	487.72	2,001.97	1,964.64	37.33	53.627		
4,400.00	4,310.58	3,886.61	3,736.92	21.76	20.03	118.94	-1,594.03	483.61	2,041.14	2,002.64	38.50	53.012		
4,500.00	4,408.22	3,942.43	3,790.50	22.27	20.35	119.26	-1,609.60	481.74	2,079.95	2,040.86	39.09	53.212		
4,600.00	4,505.86	3,992.00	3,837.75	22.77	20.63	119.54	-1,624.44	479.80	2,120.74	2,081.14	39.60	53.553		
4,700.00	4,603.49	4,039.49	3,882.74	23.28	20.90	119.80	-1,639.50	477.70	2,163.38	2,123.30	40.08	53.970		
4,800.00	4,701.13	4,085.00	3,925.61	23.78	21.17	120.06	-1,654.63	475.52	2,207.74	2,167.21	40.53	54.468		
4,900.00	4,798.77	4,147.69	3,984.32	24.28	21.55	120.39	-1,676.36	472.40	2,253.54	2,212.38	41.16	54.755		
5,000.00	4,896.40	4,207.84	4,040.38	24.79	21.92	120.70	-1,697.98	469.40	2,300.56	2,258.81	41.75	55.103		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
5,100.00	4,994.04	4,272.00	4,099.91	25.30	22.31	121.02	-1,721.69	466.27	2,348.62	2,306.23	42.39	55.410		
5,200.00	5,091.68	4,385.86	4,205.59	25.80	23.02	121.54	-1,763.78	461.32	2,396.70	2,353.13	43.57	55.002		
5,300.00	5,189.32	4,498.71	4,310.80	26.31	23.71	122.03	-1,804.32	456.81	2,443.84	2,399.09	44.74	54.617		
5,400.00	5,286.95	4,625.93	4,429.96	26.81	24.48	122.55	-1,848.68	452.32	2,490.05	2,444.00	46.06	54.064		
5,500.00	5,384.59	4,733.18	4,530.92	27.32	25.12	122.96	-1,884.72	448.79	2,535.07	2,487.92	47.15	53.764		
5,600.00	5,482.23	4,864.08	4,654.62	27.82	25.90	123.45	-1,927.32	444.57	2,579.20	2,530.73	48.48	53.207		
5,700.00	5,579.87	5,033.49	4,815.83	28.33	26.87	124.03	-1,979.19	440.73	2,621.58	2,571.43	50.14	52.281		
5,800.00	5,677.50	5,140.99	4,918.86	28.84	27.48	124.40	-2,009.74	438.03	2,661.87	2,610.67	51.20	51.986		
5,900.00	5,775.14	5,217.26	4,991.93	29.34	27.91	124.66	-2,031.50	435.94	2,702.40	2,650.42	51.98	51.992		
6,000.00	5,872.78	5,308.99	5,079.75	29.85	28.42	124.95	-2,057.89	433.81	2,743.14	2,690.24	52.90	51.860		
6,100.00	5,970.41	5,386.73	5,154.11	30.36	28.86	125.18	-2,080.55	432.44	2,784.15	2,730.46	53.69	51.861		
6,200.00	6,068.05	5,567.87	5,328.37	30.86	29.86	125.67	-2,129.95	431.18	2,822.54	2,767.13	55.40	50.944		
6,300.00	6,165.69	5,639.15	5,397.03	31.37	30.26	125.85	-2,149.10	430.99	2,861.23	2,805.09	56.14	50.966		
6,400.00	6,263.33	5,719.40	5,474.19	31.88	30.70	126.06	-2,171.12	430.42	2,900.55	2,843.60	56.95	50.928		
6,500.00	6,360.96	5,785.32	5,537.51	32.38	31.07	126.22	-2,189.45	430.21	2,940.24	2,882.61	57.64	51.012		
6,600.00	6,458.60	5,829.68	5,579.96	32.89	31.32	126.33	-2,202.29	429.48	2,981.24	2,923.13	58.12	51.297		
6,628.42	6,486.35	5,857.00	5,606.03	33.04	31.47	126.41	-2,210.44	428.70	2,993.24	2,934.84	58.39	51.262		
6,650.00	6,507.49	5,857.00	5,606.03	33.14	31.47	131.59	-2,210.44	428.70	3,002.23	2,943.83	58.40	51.409		
6,700.00	6,556.88	5,951.00	5,696.05	33.37	32.00	151.35	-2,237.25	425.13	3,021.90	2,962.61	59.29	50.967		
6,750.00	6,606.60	5,988.60	5,732.16	33.58	32.21	-168.28	-2,247.62	423.55	3,040.54	2,980.91	59.63	50.986		
6,800.00	6,656.35	6,009.74	5,752.39	33.76	32.33	-124.35	-2,253.69	422.67	3,058.66	2,998.85	59.81	51.139		
6,850.00	6,705.83	6,045.00	5,786.01	33.94	32.53	-102.36	-2,264.20	421.21	3,076.13	3,016.01	60.12	51.170		
6,900.00	6,754.72	6,055.14	5,795.66	34.12	32.59	-91.44	-2,267.30	420.79	3,092.63	3,032.45	60.18	51.386		
6,950.00	6,802.72	6,087.61	5,826.51	34.31	32.78	-85.12	-2,277.32	419.48	3,108.19	3,047.72	60.48	51.393		
7,000.00	6,849.54	6,260.52	5,991.67	34.50	33.76	-82.12	-2,328.15	414.54	3,121.83	3,059.71	62.12	50.254		
7,050.00	6,894.89	6,280.37	6,010.73	34.71	33.87	-79.20	-2,333.70	414.25	3,133.28	3,070.94	62.33	50.265		
7,100.00	6,938.49	6,299.37	6,028.92	34.93	33.98	-76.99	-2,339.15	413.97	3,143.77	3,081.21	62.56	50.253		
7,150.00	6,980.07	6,325.00	6,053.41	35.17	34.12	-75.37	-2,346.70	413.61	3,153.30	3,090.44	62.87	50.158		
7,200.00	7,019.38	6,325.00	6,053.41	35.43	34.12	-73.81	-2,346.70	413.61	3,161.83	3,098.87	62.96	50.219		
7,250.00	7,056.17	6,353.91	6,080.96	35.71	34.29	-72.90	-2,355.47	413.17	3,169.29	3,105.92	63.37	50.012		
7,300.00	7,090.21	6,370.74	6,096.96	36.03	34.39	-72.08	-2,360.68	412.89	3,175.75	3,112.05	63.70	49.854		
7,350.00	7,121.30	6,386.14	6,111.58	36.37	34.48	-71.44	-2,365.51	412.62	3,181.19	3,117.13	64.06	49.656		
7,400.00	7,149.25	6,400.04	6,124.76	36.75	34.56	-70.95	-2,369.92	412.36	3,185.63	3,121.17	64.46	49.417		
7,450.00	7,173.87	6,418.00	6,141.76	37.17	34.66	-70.69	-2,375.70	412.01	3,189.09	3,124.13	64.96	49.093		
7,500.00	7,195.03	6,425.89	6,149.22	37.62	34.71	-70.41	-2,378.26	411.85	3,191.56	3,126.15	65.41	48.792		
7,550.00	7,212.58	6,439.98	6,162.55	38.11	34.80	-70.36	-2,382.83	411.56	3,193.05	3,127.07	65.99	48.390		
7,600.00	7,226.43	6,451.29	6,173.24	38.64	34.86	-70.39	-2,386.52	411.33	3,193.60	3,127.01	66.59	47.960		
7,650.00	7,236.48	6,459.75	6,181.23	39.20	34.91	-70.48	-2,389.28	411.16	3,193.23	3,126.01	67.22	47.506		
7,700.00	7,242.68	6,465.30	6,186.48	39.79	34.95	-70.63	-2,391.09	411.04	3,191.98	3,124.11	67.87	47.034		
7,753.32	7,245.00	6,467.97	6,189.00	40.44	34.96	-70.84	-2,391.96	410.98	3,189.69	3,121.12	68.57	46.518		
7,800.00	7,245.08	6,468.84	6,189.82	41.04	34.97	-70.86	-2,392.25	410.97	3,187.61	3,118.41	69.21	46.060		
7,900.00	7,245.26	6,470.70	6,191.58	42.43	34.98	-70.89	-2,392.85	410.93	3,185.45	3,114.77	70.69	45.065		
7,918.78	7,245.29	6,471.05	6,191.91	42.72	34.98	-70.90	-2,392.97	410.92	3,185.40	3,114.41	70.99	44.872		
8,000.00	7,245.43	6,472.57	6,193.34	43.97	34.99	-70.93	-2,393.46	410.89	3,186.43	3,114.13	72.30	44.073		
8,100.00	7,245.61	6,474.44	6,195.11	45.64	35.00	-70.96	-2,394.08	410.85	3,190.55	3,116.53	74.02	43.103		
8,200.00	7,245.79	6,476.31	6,196.88	47.42	35.01	-70.99	-2,394.69	410.81	3,197.78	3,121.95	75.83	42.168		
8,300.00	7,245.97	6,478.19	6,198.66	49.30	35.02	-71.03	-2,395.31	410.77	3,208.12	3,130.41	77.71	41.282		
8,400.00	7,246.14	6,480.07	6,200.44	51.28	35.03	-71.06	-2,395.92	410.73	3,221.53	3,141.89	79.64	40.453		
8,500.00	7,246.32	6,481.96	6,202.22	53.34	35.04	-71.10	-2,396.54	410.69	3,237.97	3,156.38	81.59	39.685		
8,600.00	7,246.50	6,483.86	6,204.01	55.46	35.05	-71.13	-2,397.16	410.65	3,257.40	3,173.84	83.56	38.982		
8,700.00	7,246.67	6,485.75	6,205.80	57.66	35.07	-71.16	-2,397.79	410.61	3,279.76	3,194.23	85.53	38.346		
8,800.00	7,246.85	6,487.66	6,207.60	59.90	35.08	-71.20	-2,398.41	410.57	3,305.00	3,217.51	87.49	37.777		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
8,900.00	7,247.03	6,489.57	6,209.40	62.20	35.09	-71.23	-2,399.04	410.53	3,333.04	3,243.62	89.42	37.273		
9,000.00	7,247.21	6,491.48	6,211.21	64.55	35.10	-71.27	-2,399.66	410.49	3,363.82	3,272.50	91.32	36.834		
9,100.00	7,247.38	6,493.40	6,213.02	66.93	35.11	-71.30	-2,400.29	410.45	3,397.27	3,304.09	93.19	36.456		
9,200.00	7,247.56	6,495.32	6,214.83	69.35	35.12	-71.34	-2,400.93	410.40	3,433.31	3,338.30	95.00	36.138		
9,300.00	7,247.74	6,497.25	6,216.65	71.80	35.13	-71.37	-2,401.56	410.36	3,471.85	3,375.08	96.77	35.877		
9,400.00	7,247.91	6,499.18	6,218.47	74.29	35.15	-71.40	-2,402.19	410.32	3,512.81	3,414.33	98.48	35.669		
9,500.00	7,248.09	6,501.11	6,220.30	76.79	35.16	-71.44	-2,402.83	410.28	3,556.12	3,455.98	100.14	35.512		
9,600.00	7,248.27	6,503.06	6,222.14	79.33	35.17	-71.47	-2,403.47	410.24	3,601.68	3,499.94	101.73	35.403		
9,700.00	7,248.45	6,505.00	6,223.97	81.88	35.18	-71.51	-2,404.11	410.20	3,649.41	3,546.14	103.27	35.338		
9,800.00	7,248.62	6,506.95	6,225.82	84.45	35.19	-71.54	-2,404.75	410.15	3,699.22	3,594.48	104.74	35.317 SF		
9,900.00	7,248.80	6,508.91	6,227.66	87.04	35.20	-71.58	-2,405.40	410.11	3,751.04	3,644.89	106.16	35.335		
10,000.00	7,248.98	6,510.87	6,229.52	89.65	35.21	-71.61	-2,406.04	410.07	3,804.79	3,697.28	107.51	35.390		
10,100.00	7,249.15	6,510.00	6,228.69	92.28	35.21	-71.60	-2,405.76	410.09	3,860.37	3,751.61	108.77	35.492		
10,200.00	7,249.33	6,514.32	6,232.77	94.91	35.24	-71.68	-2,407.18	410.00	3,917.72	3,807.69	110.03	35.606		
10,300.00	7,249.51	6,516.05	6,234.41	97.56	35.25	-71.71	-2,407.75	409.96	3,976.75	3,865.55	111.20	35.761		
10,400.00	7,249.69	6,517.77	6,236.03	100.22	35.26	-71.74	-2,408.32	409.92	4,037.40	3,925.08	112.32	35.945		
10,500.00	7,249.86	6,519.48	6,237.64	102.89	35.27	-71.77	-2,408.88	409.89	4,099.59	3,986.20	113.38	36.157		
10,600.00	7,250.04	6,521.16	6,239.23	105.57	35.28	-71.80	-2,409.44	409.85	4,163.25	4,048.85	114.40	36.394		
10,700.00	7,250.22	6,522.83	6,240.80	108.27	35.29	-71.83	-2,409.99	409.82	4,228.32	4,112.96	115.36	36.654		
10,800.00	7,250.39	6,524.48	6,242.36	110.96	35.30	-71.86	-2,410.53	409.78	4,294.73	4,178.46	116.27	36.938		
10,900.00	7,250.57	6,526.12	6,243.91	113.67	35.31	-71.89	-2,411.07	409.75	4,362.42	4,245.28	117.14	37.242		
11,000.00	7,250.75	6,527.74	6,245.44	116.39	35.32	-71.92	-2,411.61	409.72	4,431.33	4,313.37	117.96	37.566		
11,100.00	7,250.93	6,529.35	6,246.95	119.11	35.33	-71.95	-2,412.14	409.68	4,501.40	4,382.66	118.74	37.909		
11,200.00	7,251.10	6,530.94	6,248.45	121.83	35.33	-71.98	-2,412.67	409.65	4,572.59	4,453.11	119.48	38.270		
11,300.00	7,251.28	6,532.51	6,249.94	124.57	35.34	-72.00	-2,413.19	409.62	4,644.85	4,524.66	120.19	38.647		
11,400.00	7,251.46	6,534.08	6,251.41	127.31	35.35	-72.03	-2,413.70	409.59	4,718.11	4,597.25	120.86	39.039		
11,500.00	7,251.63	6,535.62	6,252.87	130.05	35.36	-72.06	-2,414.21	409.56	4,792.34	4,670.85	121.49	39.446		
11,600.00	7,251.81	6,537.15	6,254.32	132.80	35.37	-72.09	-2,414.72	409.53	4,867.49	4,745.40	122.09	39.867		
11,700.00	7,251.99	6,538.67	6,255.75	135.55	35.38	-72.11	-2,415.22	409.50	4,943.52	4,820.86	122.66	40.301		
11,800.00	7,252.17	6,540.18	6,257.17	138.31	35.39	-72.14	-2,415.72	409.47	5,020.39	4,897.19	123.21	40.748		
11,900.00	7,252.34	6,541.67	6,258.57	141.07	35.40	-72.17	-2,416.21	409.44	5,098.07	4,974.34	123.72	41.206		
12,000.00	7,252.52	6,543.14	6,259.97	143.84	35.41	-72.19	-2,416.70	409.41	5,176.51	5,052.29	124.21	41.675		
12,100.00	7,252.70	6,544.60	6,261.35	146.61	35.42	-72.22	-2,417.19	409.38	5,255.68	5,131.00	124.68	42.154		
12,200.00	7,252.87	6,546.05	6,262.71	149.38	35.42	-72.25	-2,417.66	409.35	5,335.54	5,210.43	125.12	42.644		
12,300.00	7,253.05	6,547.49	6,264.07	152.16	35.43	-72.27	-2,418.14	409.33	5,416.08	5,290.54	125.54	43.142		
12,400.00	7,253.23	6,548.91	6,265.41	154.94	35.44	-72.30	-2,418.61	409.30	5,497.26	5,371.32	125.94	43.650		
12,500.00	7,253.41	6,550.32	6,266.74	157.72	35.45	-72.32	-2,419.08	409.27	5,579.05	5,452.72	126.32	44.165		
12,600.00	7,253.58	6,551.72	6,268.06	160.51	35.46	-72.35	-2,419.54	409.24	5,661.42	5,534.73	126.68	44.689		
12,700.00	7,253.76	6,553.11	6,269.37	163.29	35.47	-72.37	-2,420.00	409.22	5,744.35	5,617.32	127.03	45.220		
12,800.00	7,253.94	6,554.48	6,270.66	166.08	35.47	-72.40	-2,420.46	409.19	5,827.81	5,700.45	127.36	45.759		
12,900.00	7,254.11	6,555.84	6,271.95	168.88	35.48	-72.42	-2,420.91	409.17	5,911.79	5,784.12	127.67	46.304		
13,000.00	7,254.29	6,557.19	6,273.22	171.67	35.49	-72.45	-2,421.36	409.14	5,996.26	5,868.29	127.97	46.855		
13,100.00	7,254.47	6,558.53	6,274.48	174.47	35.50	-72.47	-2,421.80	409.12	6,081.20	5,952.94	128.26	47.413		
13,200.00	7,254.65	6,559.86	6,275.73	177.27	35.51	-72.50	-2,422.24	409.09	6,166.59	6,038.06	128.53	47.976		
13,300.00	7,254.82	6,561.17	6,276.97	180.07	35.51	-72.52	-2,422.68	409.07	6,252.42	6,123.62	128.80	48.545		
13,400.00	7,255.00	6,562.48	6,278.20	182.87	35.52	-72.54	-2,423.11	409.05	6,338.66	6,209.61	129.05	49.120		
13,500.00	7,255.18	6,563.77	6,279.42	185.67	35.53	-72.57	-2,423.54	409.02	6,425.29	6,296.01	129.28	49.699		
13,600.00	7,255.35	6,565.05	6,280.63	188.48	35.54	-72.59	-2,423.96	409.00	6,512.31	6,382.80	129.51	50.283		
13,700.00	7,255.53	6,566.32	6,281.83	191.29	35.55	-72.61	-2,424.39	408.98	6,599.70	6,469.97	129.73	50.871		
13,800.00	7,255.71	6,567.58	6,283.02	194.10	35.55	-72.63	-2,424.80	408.95	6,687.44	6,557.50	129.94	51.464		
13,900.00	7,255.89	6,568.83	6,284.20	196.91	35.56	-72.66	-2,425.22	408.93	6,775.52	6,645.38	130.15	52.061		
14,000.00	7,256.06	6,570.07	6,285.36	199.72	35.57	-72.68	-2,425.63	408.91	6,863.93	6,733.59	130.34	52.662		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
14,100.00	7,256.24	6,571.30	6,286.52	202.53	35.57	-72.70	-2,426.04	408.89	6,952.65	6,822.13	130.52	53.267		
14,200.00	7,256.42	6,572.51	6,287.67	205.35	35.58	-72.72	-2,426.44	408.87	7,041.67	6,910.97	130.70	53.875		
14,300.00	7,256.59	6,573.72	6,288.81	208.16	35.59	-72.74	-2,426.85	408.85	7,130.99	7,000.11	130.88	54.487		
14,400.00	7,256.77	6,574.92	6,289.94	210.98	35.60	-72.77	-2,427.24	408.82	7,220.58	7,089.54	131.04	55.101		
14,500.00	7,256.95	6,576.11	6,291.06	213.80	35.60	-72.79	-2,427.64	408.80	7,310.44	7,179.24	131.20	55.719		
14,600.00	7,257.13	6,577.29	6,292.17	216.62	35.61	-72.81	-2,428.03	408.78	7,400.56	7,269.21	131.36	56.340		
14,700.00	7,257.30	6,578.46	6,293.27	219.44	35.62	-72.83	-2,428.42	408.76	7,490.94	7,359.43	131.50	56.964		
14,800.00	7,257.48	6,579.62	6,294.37	222.26	35.62	-72.85	-2,428.80	408.74	7,581.55	7,449.90	131.65	57.590		
14,900.00	7,257.66	6,580.77	6,295.45	225.08	35.63	-72.87	-2,429.19	408.72	7,672.40	7,540.61	131.79	58.219		
15,000.00	7,257.83	6,581.91	6,296.53	227.91	35.64	-72.89	-2,429.57	408.70	7,763.47	7,631.55	131.92	58.850		
15,100.00	7,258.01	6,583.04	6,297.59	230.73	35.64	-72.91	-2,429.94	408.69	7,854.76	7,722.71	132.05	59.484		
15,200.00	7,258.19	6,584.16	6,298.65	233.56	35.65	-72.93	-2,430.32	408.67	7,946.26	7,814.08	132.17	60.120		
15,300.00	7,258.37	6,585.28	6,299.70	236.38	35.66	-72.95	-2,430.69	408.65	8,037.96	7,905.66	132.30	60.758		
15,400.00	7,258.54	6,586.38	6,300.74	239.21	35.66	-72.97	-2,431.06	408.63	8,129.85	7,997.44	132.41	61.398		
15,500.00	7,258.72	6,587.48	6,301.78	242.04	35.67	-72.99	-2,431.42	408.61	8,221.94	8,089.41	132.53	62.040		
15,600.00	7,258.90	6,588.56	6,302.80	244.87	35.68	-73.01	-2,431.78	408.59	8,314.21	8,181.57	132.64	62.683		
15,700.00	7,259.08	6,589.64	6,303.82	247.70	35.68	-73.03	-2,432.14	408.58	8,406.65	8,273.90	132.75	63.329		
15,800.00	7,259.25	6,603.00	6,316.41	250.53	35.76	-73.27	-2,436.60	408.36	8,499.28	8,366.26	133.02	63.896		
15,900.00	7,259.43	6,603.00	6,316.41	253.36	35.76	-73.27	-2,436.60	408.36	8,592.06	8,458.95	133.10	64.551		
16,000.00	7,259.61	6,603.00	6,316.41	256.19	35.76	-73.27	-2,436.60	408.36	8,685.00	8,551.81	133.19	65.208		
16,100.00	7,259.78	6,603.00	6,316.41	259.02	35.76	-73.27	-2,436.60	408.36	8,778.09	8,644.82	133.27	65.866		
16,200.00	7,259.96	6,603.00	6,316.41	261.85	35.76	-73.27	-2,436.60	408.36	8,871.33	8,737.98	133.35	66.525		
16,300.00	7,260.14	6,603.00	6,316.41	264.68	35.76	-73.27	-2,436.60	408.36	8,964.72	8,831.29	133.43	67.186		
16,400.00	7,260.32	6,603.00	6,316.41	267.52	35.76	-73.27	-2,436.60	408.36	9,058.25	8,924.74	133.51	67.848		
16,500.00	7,260.49	6,603.00	6,316.41	270.35	35.76	-73.27	-2,436.60	408.36	9,151.92	9,018.34	133.58	68.511		
16,600.00	7,260.67	6,603.00	6,316.41	273.19	35.76	-73.27	-2,436.60	408.36	9,245.72	9,112.06	133.66	69.176		
16,700.00	7,260.85	6,603.00	6,316.41	276.02	35.76	-73.27	-2,436.60	408.36	9,339.65	9,205.92	133.73	69.841		
16,800.00	7,261.02	6,603.00	6,316.41	278.86	35.76	-73.27	-2,436.60	408.36	9,433.70	9,299.90	133.80	70.508		
16,900.00	7,261.20	6,603.00	6,316.41	281.69	35.76	-73.27	-2,436.60	408.36	9,527.88	9,394.01	133.86	71.176		
17,000.00	7,261.38	6,603.00	6,316.41	284.53	35.76	-73.27	-2,436.60	408.36	9,622.17	9,488.24	133.93	71.844		
17,100.00	7,261.56	6,606.37	6,319.59	287.37	35.78	-73.33	-2,437.72	408.31	9,716.57	9,582.53	134.04	72.489		
17,200.00	7,261.73	6,609.94	6,322.96	290.21	35.80	-73.39	-2,438.91	408.25	9,811.09	9,676.94	134.15	73.134		
17,300.00	7,261.91	6,613.50	6,326.31	293.04	35.83	-73.46	-2,440.09	408.20	9,905.71	9,771.45	134.26	73.778		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 226-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	139.47	-592.72	506.70	779.86					
100.00	100.00	84.34	84.33	3.28	3.29	139.49	-593.03	506.73	780.05	773.48	6.57	118.727		
200.00	200.00	179.08	179.07	3.34	3.30	139.53	-594.12	506.81	780.98	774.34	6.64	117.595		
300.00	299.98	283.72	283.70	3.44	3.36	74.16	-595.72	506.99	781.79	774.99	6.81	114.859		
400.00	399.84	390.47	390.44	3.60	3.49	74.54	-595.51	507.38	780.46	773.37	7.09	110.064		
500.00	499.45	491.96	491.93	3.81	3.66	75.20	-595.02	507.42	777.83	770.36	7.46	104.229		
600.00	598.70	578.25	578.22	4.06	3.84	75.97	-594.91	507.90	775.04	767.16	7.88	98.309		
700.00	697.47	664.75	664.65	4.34	4.05	76.77	-594.59	511.22	773.40	765.03	8.37	92.347		
800.00	795.62	751.19	750.86	4.66	4.28	77.57	-593.69	517.53	772.74	763.81	8.93	86.548		
809.58	804.99	759.44	759.07	4.70	4.30	77.64	-593.59	518.28	772.73	763.75	8.98	86.010		
824.00	819.08	771.86	771.43	4.75	4.34	77.76	-593.43	519.45	772.75	763.68	9.07	85.207		
900.00	893.28	840.10	839.28	5.02	4.54	78.36	-592.54	526.69	773.31	763.76	9.54	81.037		
1,000.00	990.92	935.34	933.86	5.40	4.84	79.15	-591.51	537.79	775.00	764.78	10.22	75.827		
1,100.00	1,088.56	1,040.51	1,038.55	5.80	5.19	80.23	-591.89	547.71	776.81	765.84	10.97	70.832		
1,200.00	1,186.19	1,161.22	1,159.10	6.21	5.61	81.82	-593.28	553.68	777.15	765.34	11.80	65.859		
1,300.00	1,283.83	1,277.72	1,275.59	6.64	6.02	83.62	-593.63	554.68	775.04	762.41	12.63	61.354		
1,400.00	1,381.47	1,379.84	1,377.71	7.08	6.38	85.24	-592.90	554.30	772.07	758.64	13.43	57.470		
1,500.00	1,479.10	1,475.09	1,472.95	7.53	6.72	86.81	-592.53	553.46	769.75	755.52	14.23	54.089		
1,600.00	1,576.74	1,570.09	1,567.95	7.99	7.07	88.38	-592.34	552.79	768.32	753.27	15.04	51.077		
1,700.00	1,674.38	1,667.46	1,665.32	8.45	7.44	89.92	-592.08	553.07	767.85	751.98	15.88	48.356		
1,797.57	1,769.64	1,765.01	1,762.87	8.91	7.82	91.46	-591.44	553.26	767.60	750.88	16.72	45.916		
1,800.00	1,772.02	1,767.33	1,765.19	8.92	7.83	91.50	-591.42	553.26	767.60	750.86	16.74	45.859		
1,900.00	1,869.65	1,872.38	1,870.23	9.39	8.24	93.14	-590.59	553.72	767.92	750.29	17.63	43.567		
2,000.00	1,967.29	2,012.59	2,010.27	9.87	8.80	95.20	-584.07	554.14	765.20	746.56	18.64	41.061		
2,100.00	2,064.93	2,150.44	2,147.42	10.35	9.36	97.30	-570.56	551.51	757.41	737.80	19.60	38.640		
2,200.00	2,162.56	2,265.67	2,261.56	10.83	9.82	99.17	-555.41	547.12	746.52	726.02	20.51	36.406		
2,300.00	2,260.20	2,385.38	2,379.66	11.32	10.32	100.94	-536.03	544.93	733.94	712.53	21.41	34.287		
2,400.00	2,357.84	2,509.83	2,501.52	11.80	10.83	102.59	-510.88	544.71	718.32	696.04	22.29	32.232		
2,500.00	2,455.48	2,637.29	2,625.08	12.29	11.37	104.20	-479.64	545.47	699.05	675.92	23.13	30.226		
2,600.00	2,553.11	2,744.07	2,727.62	12.78	11.83	105.52	-449.86	546.79	676.88	652.89	23.99	28.216		
2,700.00	2,650.75	2,853.19	2,832.16	13.27	12.31	107.10	-418.60	546.52	654.10	629.27	24.84	26.336		
2,800.00	2,748.39	2,953.73	2,928.02	13.77	12.76	108.79	-388.36	544.62	630.02	604.30	25.71	24.500		
2,900.00	2,846.02	3,051.54	3,021.17	14.26	13.21	110.62	-358.59	542.23	606.04	579.43	26.61	22.774		
3,000.00	2,943.66	3,143.68	3,108.90	14.76	13.64	112.49	-330.57	539.76	582.68	555.13	27.55	21.153		
3,100.00	3,041.30	3,240.33	3,201.01	15.25	14.10	114.58	-301.37	537.49	560.25	531.79	28.46	19.684		
3,200.00	3,138.94	3,327.21	3,283.94	15.75	14.51	116.47	-275.53	536.57	539.09	509.65	29.45	18.308		
3,300.00	3,236.57	3,418.09	3,371.08	16.25	14.94	118.55	-249.73	536.06	520.05	489.64	30.41	17.101		
3,400.00	3,334.21	3,506.65	3,456.27	16.75	15.36	120.51	-225.58	537.18	502.83	471.44	31.39	16.019		
3,500.00	3,431.85	3,606.38	3,552.41	17.25	15.84	123.04	-199.05	536.87	487.22	454.91	32.31	15.079		
3,600.00	3,529.48	3,693.79	3,636.61	17.75	16.26	125.57	-175.67	535.09	472.68	439.38	33.30	14.194		
3,700.00	3,627.12	3,800.70	3,739.68	18.25	16.78	128.95	-147.48	531.89	459.96	425.77	34.19	13.454		
3,800.00	3,724.76	3,913.84	3,847.75	18.75	17.34	132.61	-114.05	530.57	445.10	410.09	35.01	12.714		
3,900.00	3,822.40	4,015.39	3,944.04	19.25	17.84	135.95	-81.80	531.57	428.92	393.01	35.91	11.944		
4,000.00	3,920.03	4,105.84	4,029.86	19.75	18.30	139.03	-53.29	533.18	414.14	377.22	36.92	11.217		
4,100.00	4,017.67	4,190.91	4,111.14	20.25	18.72	142.06	-28.20	534.22	402.92	364.96	37.96	10.614		
4,200.00	4,115.31	4,281.66	4,198.32	20.76	19.17	145.41	-3.04	534.61	395.23	356.30	38.94	10.150		
4,300.00	4,212.94	4,371.59	4,285.05	21.26	19.62	148.82	20.75	534.30	390.71	350.82	39.89	9.794		
4,400.00	4,310.58	4,472.42	4,382.14	21.76	20.12	152.89	47.88	532.81	388.22	347.40	40.82	9.512		
4,450.61	4,359.99	4,516.80	4,424.79	22.02	20.34	154.78	60.14	531.68	387.73	346.44	41.29	9.390		
4,500.00	4,408.22	4,560.65	4,466.97	22.27	20.56	156.66	72.04	530.23	388.20	346.46	41.75	9.299		
4,600.00	4,505.86	4,666.00	4,568.04	22.77	21.09	161.22	101.53	526.93	390.05	347.37	42.68	9.140		
4,700.00	4,603.49	4,755.24	4,653.68	23.28	21.54	165.01	126.50	524.23	394.00	350.42	43.59	9.040		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 226-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		
4,800.00	4,701.13	4,860.50	4,754.33	23.78	22.08	169.51	157.16	521.28	399.24	354.70	44.54	8.964		
4,900.00	4,798.77	4,959.04	4,848.57	24.28	22.58	173.44	185.93	520.59	404.90	359.42	45.48	8.903		
5,000.00	4,896.40	5,049.27	4,935.08	24.79	23.04	176.88	211.54	519.65	413.12	366.75	46.37	8.909		
5,100.00	4,994.04	5,143.16	5,025.22	25.30	23.52	-179.71	237.77	518.04	423.85	376.57	47.28	8.965		
5,200.00	5,091.68	5,238.46	5,116.85	25.80	24.00	-176.46	263.85	516.08	436.66	388.47	48.19	9.062		
5,300.00	5,189.32	5,338.02	5,212.69	26.31	24.51	-173.34	290.84	515.01	450.06	400.92	49.14	9.158		
5,400.00	5,286.95	5,429.59	5,301.32	26.81	24.97	-170.86	313.83	514.22	465.03	415.02	50.01	9.298		
5,500.00	5,384.59	5,520.92	5,389.51	27.32	25.42	-168.40	337.46	512.16	482.07	431.20	50.87	9.477		
5,600.00	5,482.23	5,614.13	5,479.26	27.82	25.90	-165.95	362.43	509.24	500.70	448.95	51.75	9.675		
5,700.00	5,579.87	5,706.50	5,568.15	28.33	26.37	-163.65	387.29	505.59	520.99	468.37	52.62	9.901		
5,800.00	5,677.50	5,804.96	5,663.02	28.84	26.87	-161.43	413.34	501.78	542.09	488.50	53.59	10.116		
5,900.00	5,775.14	5,904.16	5,758.13	29.34	27.38	-159.19	441.34	498.47	563.28	508.70	54.57	10.321		
6,000.00	5,872.78	6,002.36	5,851.97	29.85	27.89	-157.01	470.13	495.62	584.76	529.20	55.55	10.526		
6,100.00	5,970.41	6,106.10	5,951.23	30.36	28.43	-154.92	500.22	493.39	606.27	549.65	56.62	10.708		
6,200.00	6,068.05	6,200.78	6,042.33	30.86	28.92	-153.30	525.98	492.53	627.16	569.61	57.54	10.899		
6,300.00	6,165.69	6,288.83	6,127.15	31.37	29.37	-151.93	549.52	490.52	649.80	591.44	58.36	11.134		
6,400.00	6,263.33	6,380.17	6,214.59	31.88	29.84	-150.43	575.78	487.78	673.70	614.46	59.24	11.373		
6,500.00	6,360.96	6,495.14	6,324.53	32.38	30.44	-148.65	609.26	484.86	697.81	637.32	60.49	11.535		
6,600.00	6,458.60	6,586.77	6,412.64	32.89	30.92	-147.43	634.39	484.63	719.84	658.46	61.38	11.728		
6,628.42	6,486.35	6,609.57	6,434.62	33.04	31.03	-147.16	640.44	484.24	726.51	664.93	61.58	11.798		
6,650.00	6,507.49	6,628.11	6,452.50	33.14	31.13	-142.68	645.35	483.83	731.33	669.58	61.75	11.844		
6,700.00	6,556.88	6,672.26	6,494.93	33.37	31.36	-124.51	657.50	482.74	740.06	677.91	62.15	11.909		
6,750.00	6,606.60	6,723.98	6,533.71	33.58	31.56	-2.42	690.67	1,254.51	725.33	697.06	28.27	25.658		
6,800.00	6,656.35	6,794.62	6,584.27	33.76	31.74	52.72	690.62	1,245.18	679.75	649.84	29.90	22.731		
6,850.00	6,705.83	6,849.50	6,635.02	33.94	31.92	78.99	690.51	1,230.07	635.16	603.41	31.75	20.004		
6,900.00	6,754.72	6,898.82	6,684.73	34.12	32.10	92.40	900.35	1,210.41	591.85	558.00	33.85	17.484		
6,950.00	6,802.72	6,948.50	6,736.17	34.31	32.28	100.07	900.13	1,187.10	550.10	513.87	36.23	15.185		
7,000.00	6,849.54	6,996.06	6,784.94	34.50	32.46	103.42	899.72	1,152.66	510.13	471.07	39.07	13.058		
7,050.00	6,894.89	7,041.41	6,831.44	34.71	32.64	94.01	896.67	1,052.52	471.17	431.21	39.97	11.789		
7,100.00	6,938.49	7,085.41	6,876.20	34.93	32.82	100.99	896.97	1,054.75	434.35	387.32	47.03	9.235		
7,150.00	6,980.07	7,126.96	6,917.66	35.17	33.06	99.92	895.27	1,017.98	399.36	348.09	51.27	7.790		
7,200.00	7,019.38	7,165.93	6,958.68	35.43	33.32	98.59	893.47	985.58	367.13	311.60	55.52	6.612		
7,250.00	7,056.17	7,202.29	7,005.42	35.71	33.57	96.27	891.20	952.90	338.28	278.38	59.91	5.647		
7,300.00	7,090.21	7,234.32	7,037.45	36.03	33.85	93.44	888.44	922.40	313.46	249.47	63.99	4.898		
7,350.00	7,121.30	7,265.59	7,068.12	36.37	34.13	90.08	885.25	893.67	293.39	225.89	67.50	4.347		
7,400.00	7,149.25	7,292.22	7,095.11	36.75	34.47	86.09	881.51	865.86	278.75	208.61	70.14	3.974		
7,450.00	7,173.87	7,317.58	7,119.65	37.17	34.85	81.43	877.14	838.38	269.89	198.29	71.59	3.770		
7,500.00	7,195.03	7,340.05	7,141.65	37.62	35.23	76.27	872.19	811.61	266.82	195.06	71.76	3.718 ES, SF		
7,502.10	7,195.84	7,341.79	7,142.50	37.64	35.25	76.06	871.98	810.56	266.82	195.07	71.74	3.719 CC		
7,550.00	7,212.58	7,358.04	7,159.19	38.11	35.71	71.00	867.06	786.72	269.30	198.42	70.88	3.799		
7,600.00	7,226.43	7,372.65	7,173.24	38.64	36.13	65.44	861.55	762.11	276.67	207.38	69.28	3.993		
7,650.00	7,236.48	7,383.96	7,183.32	39.20	36.54	59.80	855.67	737.90	287.96	220.60	67.36	4.275		
7,700.00	7,242.68	7,393.26	7,193.57	39.79	36.95	54.43	849.68	715.18	302.27	236.69	65.59	4.609		
7,753.32	7,245.00	7,395.74	7,196.94	40.44	37.36	48.96	843.01	691.95	319.94	255.93	64.00	4.999		
7,800.00	7,245.08	7,395.19	7,196.18	41.04	37.77	45.75	837.16	673.10	337.73	274.79	62.94	5.366		
7,900.00	7,245.26	7,395.81	7,196.10	42.43	38.18	40.08	826.23	640.56	385.44	323.70	61.74	6.243		
8,000.00	7,245.43	7,396.00	7,196.97	43.97	38.59	34.58	814.73	609.03	444.30	383.46	60.84	7.303		
8,100.00	7,245.61	7,396.73	7,197.90	45.64	39.00	31.23	806.72	589.86	510.89	449.49	61.40	8.321		
8,200.00	7,245.79	7,397.35	7,198.39	47.42	39.41	27.56	796.29	569.17	583.22	521.62	61.60	9.468		
8,300.00	7,245.97	7,398.00	7,198.48	49.30	39.82	25.43	789.33	557.36	660.11	597.63	62.48	10.566		
8,400.00	7,246.14	7,398.70	7,198.89	51.28	40.23	22.62	779.12	542.16	740.58	677.81	62.78	11.797		
8,500.00	7,246.32	7,399.41	7,199.37	53.34	40.64	20.89	772.22	533.12	824.20	760.80	63.39	13.001		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 226-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	7,246.50	7,013.56	6,811.88	55.46	33.07	19.44	766.00	525.73	910.23	846.29	63.94	14.236		
8,700.00	7,246.67	6,991.00	6,792.52	57.66	32.97	17.72	758.09	517.26	998.24	933.99	64.25	15.536		
8,800.00	7,246.85	6,991.00	6,792.52	59.90	32.97	17.72	758.09	517.26	1,087.79	1,022.84	64.96	16.746		
8,900.00	7,247.03	6,991.00	6,792.52	62.20	32.97	17.72	758.09	517.26	1,179.03	1,113.53	65.49	18.002		
9,000.00	7,247.21	6,991.00	6,792.52	64.55	32.97	17.72	758.09	517.26	1,271.58	1,205.68	65.91	19.294		
9,100.00	7,247.38	6,955.64	6,761.56	66.93	32.80	15.22	745.57	505.68	1,363.54	1,297.79	65.76	20.737		
9,200.00	7,247.56	6,947.83	6,754.60	69.35	32.77	14.71	742.83	503.43	1,457.23	1,391.26	65.97	22.088		
9,300.00	7,247.74	6,940.74	6,748.25	71.80	32.73	14.25	740.34	501.47	1,551.58	1,485.42	66.16	23.452		
9,400.00	7,247.91	6,934.26	6,742.43	74.29	32.70	13.83	738.07	499.76	1,646.48	1,580.16	66.32	24.826		
9,500.00	7,248.09	6,898.00	6,709.41	76.79	32.52	11.69	725.52	491.61	1,743.00	1,676.81	66.18	26.336		
9,600.00	7,248.27	6,898.00	6,709.41	79.33	32.52	11.69	725.52	491.61	1,838.41	1,772.04	66.37	27.698		
9,700.00	7,248.45	6,898.00	6,709.41	81.88	32.52	11.69	725.52	491.61	1,934.29	1,867.75	66.53	29.072		
9,800.00	7,248.62	6,898.00	6,709.41	84.45	32.52	11.69	725.52	491.61	2,030.56	1,963.89	66.67	30.456		
9,900.00	7,248.80	6,898.00	6,709.41	87.04	32.52	11.69	725.52	491.61	2,127.18	2,060.39	66.79	31.849		
10,000.00	7,248.98	6,898.00	6,709.41	89.65	32.52	11.69	725.52	491.61	2,224.10	2,157.20	66.89	33.248		
10,100.00	7,249.15	6,898.00	6,709.41	92.28	32.52	11.69	725.52	491.61	2,321.28	2,254.29	66.99	34.653		
10,200.00	7,249.33	6,898.00	6,709.41	94.91	32.52	11.69	725.52	491.61	2,418.69	2,351.62	67.07	36.063		
10,300.00	7,249.51	6,898.00	6,709.41	97.56	32.52	11.69	725.52	491.61	2,516.30	2,449.16	67.14	37.477		
10,400.00	7,249.69	6,898.00	6,709.41	100.22	32.52	11.69	725.52	491.61	2,614.09	2,546.88	67.21	38.894		
10,500.00	7,249.86	6,898.00	6,709.41	102.89	32.52	11.69	725.52	491.61	2,712.05	2,644.77	67.27	40.314		
10,600.00	7,250.04	6,898.00	6,709.41	105.57	32.52	11.69	725.52	491.61	2,810.14	2,742.81	67.33	41.736		
10,700.00	7,250.22	6,898.00	6,709.41	108.27	32.52	11.69	725.52	491.61	2,908.37	2,840.99	67.39	43.160		
10,800.00	7,250.39	6,898.00	6,709.41	110.96	32.52	11.69	725.52	491.61	3,006.72	2,939.28	67.44	44.585		
10,900.00	7,250.57	6,898.00	6,709.41	113.67	32.52	11.69	725.52	491.61	3,105.17	3,037.68	67.49	46.011		
11,000.00	7,250.75	6,898.00	6,709.41	116.39	32.52	11.69	725.52	491.61	3,203.71	3,136.18	67.54	47.438		
11,100.00	7,250.93	6,898.00	6,709.41	119.11	32.52	11.69	725.52	491.61	3,302.35	3,234.77	67.58	48.864		
11,200.00	7,251.10	6,898.00	6,709.41	121.83	32.52	11.69	725.52	491.61	3,401.06	3,333.43	67.63	50.291		
11,300.00	7,251.28	6,898.00	6,709.41	124.57	32.52	11.69	725.52	491.61	3,499.85	3,432.18	67.67	51.718		
11,400.00	7,251.46	6,898.00	6,709.41	127.31	32.52	11.69	725.52	491.61	3,598.70	3,530.98	67.72	53.144		
11,500.00	7,251.63	6,898.00	6,709.41	130.05	32.52	11.69	725.52	491.61	3,697.62	3,629.86	67.76	54.569		
11,600.00	7,251.81	6,898.00	6,709.41	132.80	32.52	11.69	725.52	491.61	3,796.59	3,728.78	67.80	55.994		
11,700.00	7,251.99	6,898.00	6,709.41	135.55	32.52	11.69	725.52	491.61	3,895.61	3,827.77	67.85	57.417		
11,800.00	7,252.17	6,898.00	6,709.41	138.31	32.52	11.69	725.52	491.61	3,994.69	3,926.79	67.89	58.840		
11,900.00	7,252.34	6,898.00	6,709.41	141.07	32.52	11.69	725.52	491.61	4,093.80	4,025.87	67.93	60.261		
12,000.00	7,252.52	6,898.00	6,709.41	143.84	32.52	11.69	725.52	491.61	4,192.96	4,124.98	67.98	61.680		
12,100.00	7,252.70	6,857.06	6,671.33	146.61	32.32	9.58	711.94	485.24	4,290.43	4,222.51	67.92	63.167		
12,200.00	7,252.87	6,855.77	6,670.11	149.38	32.31	9.51	711.53	485.09	4,389.56	4,321.59	67.97	64.584		
12,300.00	7,253.05	6,854.52	6,668.94	152.16	32.30	9.46	711.13	484.95	4,488.73	4,420.71	68.01	66.000		
12,400.00	7,253.23	6,853.33	6,667.82	154.94	32.30	9.40	710.75	484.81	4,587.92	4,519.87	68.06	67.414		
12,500.00	7,253.41	6,852.17	6,666.73	157.72	32.29	9.35	710.38	484.68	4,687.15	4,619.05	68.10	68.826		
12,600.00	7,253.58	6,851.06	6,665.68	160.51	32.28	9.29	710.03	484.56	4,786.41	4,718.26	68.15	70.235		
12,700.00	7,253.76	6,849.99	6,664.67	163.29	32.28	9.25	709.69	484.44	4,885.70	4,817.50	68.20	71.642		
12,800.00	7,253.94	6,848.96	6,663.70	166.08	32.27	9.20	709.36	484.33	4,985.01	4,916.77	68.24	73.047		
12,900.00	7,254.11	6,847.96	6,662.76	168.88	32.27	9.15	709.05	484.23	5,084.35	5,016.06	68.29	74.449		
13,000.00	7,254.29	6,847.00	6,661.85	171.67	32.26	9.11	708.75	484.13	5,183.71	5,115.37	68.34	75.849		
13,100.00	7,254.47	6,846.07	6,660.97	174.47	32.26	9.07	708.45	484.04	5,283.09	5,214.70	68.39	77.246		
13,200.00	7,254.65	6,804.00	6,620.95	177.27	32.04	7.32	695.79	481.44	5,384.21	5,315.84	68.37	78.756		
13,300.00	7,254.82	6,804.00	6,620.95	180.07	32.04	7.32	695.79	481.44	5,483.56	5,415.14	68.42	80.145		
13,400.00	7,255.00	6,804.00	6,620.95	182.87	32.04	7.32	695.79	481.44	5,582.93	5,514.45	68.48	81.532		
13,500.00	7,255.18	6,804.00	6,620.95	185.67	32.04	7.32	695.79	481.44	5,682.33	5,613.79	68.53	82.915		
13,600.00	7,255.35	6,804.00	6,620.95	188.48	32.04	7.32	695.79	481.44	5,781.74	5,713.15	68.59	84.296		
13,700.00	7,255.53	6,804.00	6,620.95	191.29	32.04	7.32	695.79	481.44	5,881.18	5,812.53	68.65	85.674		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 226-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	7,255.71	6,804.00	6,620.95	194.10	32.04	7.32	695.79	481.44	5,980.63	5,911.93	68.70	87.049		
13,900.00	7,255.89	6,804.00	6,620.95	196.91	32.04	7.32	695.79	481.44	6,080.11	6,011.34	68.76	88.420		
14,000.00	7,256.06	6,804.00	6,620.95	199.72	32.04	7.32	695.79	481.44	6,179.60	6,110.77	68.82	89.789		
14,100.00	7,256.24	6,804.00	6,620.95	202.53	32.04	7.32	695.79	481.44	6,279.10	6,210.22	68.88	91.154		
14,200.00	7,256.42	6,804.00	6,620.95	205.35	32.04	7.32	695.79	481.44	6,378.62	6,309.68	68.95	92.516		
14,300.00	7,256.59	6,804.00	6,620.95	208.16	32.04	7.32	695.79	481.44	6,478.16	6,409.15	69.01	93.875		
14,400.00	7,256.77	6,804.00	6,620.95	210.98	32.04	7.32	695.79	481.44	6,577.71	6,508.64	69.07	95.231		
14,500.00	7,256.95	6,804.00	6,620.95	213.80	32.04	7.32	695.79	481.44	6,677.28	6,608.14	69.14	96.582		
14,600.00	7,257.13	6,804.00	6,620.95	216.62	32.04	7.32	695.79	481.44	6,776.85	6,707.65	69.20	97.931		
14,700.00	7,257.30	6,804.00	6,620.95	219.44	32.04	7.32	695.79	481.44	6,876.44	6,807.18	69.27	99.276		
14,800.00	7,257.48	6,804.00	6,620.95	222.26	32.04	7.32	695.79	481.44	6,976.04	6,906.71	69.33	100.617		
14,900.00	7,257.66	6,804.00	6,620.95	225.08	32.04	7.32	695.79	481.44	7,075.65	7,006.25	69.40	101.955		
15,000.00	7,257.83	6,804.00	6,620.95	227.91	32.04	7.32	695.79	481.44	7,175.28	7,105.81	69.47	103.289		
15,100.00	7,258.01	6,804.00	6,620.95	230.73	32.04	7.32	695.79	481.44	7,274.91	7,205.37	69.54	104.619		
15,200.00	7,258.19	6,804.00	6,620.95	233.56	32.04	7.32	695.79	481.44	7,374.55	7,304.95	69.61	105.945		
15,300.00	7,258.37	6,804.00	6,620.95	236.38	32.04	7.32	695.79	481.44	7,474.21	7,404.53	69.68	107.268		
15,400.00	7,258.54	6,804.00	6,620.95	239.21	32.04	7.32	695.79	481.44	7,573.87	7,504.12	69.75	108.587		
15,500.00	7,258.72	6,804.00	6,620.95	242.04	32.04	7.32	695.79	481.44	7,673.54	7,603.72	69.82	109.902		
15,600.00	7,258.90	6,804.00	6,620.95	244.87	32.04	7.32	695.79	481.44	7,773.22	7,703.32	69.90	111.213		
15,700.00	7,259.08	6,804.00	6,620.95	247.70	32.04	7.32	695.79	481.44	7,872.90	7,802.94	69.97	112.520		
15,800.00	7,259.25	6,804.00	6,620.95	250.53	32.04	7.32	695.79	481.44	7,972.60	7,902.56	70.04	113.822		
15,900.00	7,259.43	6,804.00	6,620.95	253.36	32.04	7.32	695.79	481.44	8,072.30	8,002.18	70.12	115.121		
16,000.00	7,259.61	6,804.00	6,620.95	256.19	32.04	7.32	695.79	481.44	8,172.01	8,101.82	70.20	116.416		
16,100.00	7,259.78	6,804.00	6,620.95	259.02	32.04	7.32	695.79	481.44	8,271.73	8,201.45	70.27	117.707		
16,200.00	7,259.96	6,804.00	6,620.95	261.85	32.04	7.32	695.79	481.44	8,371.45	8,301.10	70.35	118.994		
16,300.00	7,260.14	6,804.00	6,620.95	264.68	32.04	7.32	695.79	481.44	8,471.18	8,400.75	70.43	120.276		
16,400.00	7,260.32	6,804.00	6,620.95	267.52	32.04	7.32	695.79	481.44	8,570.92	8,500.41	70.51	121.555		
16,500.00	7,260.49	6,804.00	6,620.95	270.35	32.04	7.32	695.79	481.44	8,670.66	8,600.07	70.59	122.829		
16,600.00	7,260.67	6,804.00	6,620.95	273.19	32.04	7.32	695.79	481.44	8,770.41	8,699.74	70.67	124.098		
16,700.00	7,260.85	6,804.00	6,620.95	276.02	32.04	7.32	695.79	481.44	8,870.16	8,799.41	70.76	125.364		
16,800.00	7,261.02	6,804.00	6,620.95	278.86	32.04	7.32	695.79	481.44	8,969.92	8,899.09	70.84	126.625		
16,900.00	7,261.20	6,804.00	6,620.95	281.69	32.04	7.32	695.79	481.44	9,069.69	8,998.77	70.92	127.882		
17,000.00	7,261.38	6,804.00	6,620.95	284.53	32.04	7.32	695.79	481.44	9,169.46	9,098.45	71.01	129.135		
17,100.00	7,261.56	6,804.00	6,620.95	287.37	32.04	7.32	695.79	481.44	9,269.23	9,198.14	71.09	130.383		
17,200.00	7,261.73	6,804.00	6,620.95	290.21	32.04	7.32	695.79	481.44	9,369.01	9,297.83	71.18	131.627		
17,300.00	7,261.91	6,804.00	6,620.95	293.04	32.04	7.32	695.79	481.44	9,468.80	9,397.53	71.27	132.867		
17,400.00	7,262.09	6,804.00	6,620.95	295.88	32.04	7.32	695.79	481.44	9,568.59	9,497.23	71.35	134.102		
17,500.00	7,262.26	6,804.00	6,620.95	298.72	32.04	7.32	695.79	481.44	9,668.38	9,596.94	71.44	135.333		
17,600.00	7,262.44	6,804.00	6,620.95	301.56	32.04	7.32	695.79	481.44	9,768.18	9,696.65	71.53	136.559		
17,700.00	7,262.62	6,804.00	6,620.95	304.40	32.04	7.32	695.79	481.44	9,867.98	9,796.36	71.62	137.781		
17,800.00	7,262.80	6,804.00	6,620.95	307.24	32.04	7.32	695.79	481.44	9,967.78	9,896.07	71.71	138.999		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
0.00	0.00	0.00	0.00	3.28	3.28	138.50	-572.68	506.70	764.74					
100.00	100.00	98.64	98.64	3.28	3.29	138.45	-571.80	506.76	764.10	757.53	6.57	116.256		
200.00	200.00	209.40	209.35	3.34	3.31	138.29	-568.72	506.94	762.13	755.48	6.65	114.556		
300.00	299.98	303.16	303.05	3.44	3.39	72.70	-565.28	507.32	759.16	752.33	6.83	111.179		
400.00	399.84	388.51	388.38	3.60	3.49	72.97	-563.74	507.79	756.64	749.55	7.09	106.707		
500.00	499.45	474.76	474.62	3.81	3.63	73.58	-564.69	508.03	755.13	747.69	7.44	101.549		
600.00	598.70	574.03	573.86	4.06	3.83	74.51	-566.47	509.22	753.91	746.03	7.88	95.698		
700.00	697.47	672.53	672.32	4.34	4.06	75.50	-566.24	512.18	751.57	743.17	8.40	89.517		
800.00	795.62	769.02	768.60	4.66	4.33	76.48	-564.16	517.95	748.94	739.96	8.98	83.429		
824.00	819.08	792.29	791.78	4.75	4.40	76.71	-563.32	519.84	748.26	739.14	9.13	81.998		
900.00	893.28	864.51	863.59	5.02	4.62	77.31	-560.13	526.79	746.31	736.70	9.61	77.629		
1,000.00	990.92	960.80	959.19	5.40	4.93	78.02	-555.44	537.32	744.30	734.00	10.30	72.253		
1,100.00	1,088.56	1,058.69	1,056.52	5.80	5.26	78.85	-551.74	547.09	742.75	731.72	11.03	67.331		
1,200.00	1,186.19	1,172.02	1,169.45	6.21	5.66	80.00	-548.13	555.93	740.61	728.77	11.84	62.533		
1,300.00	1,283.83	1,275.46	1,272.74	6.64	6.03	81.30	-545.68	560.75	737.69	725.04	12.65	58.332		
1,400.00	1,381.47	1,385.09	1,382.34	7.08	6.43	83.01	-543.79	561.48	733.51	720.03	13.48	54.406		
1,500.00	1,479.10	1,480.36	1,477.58	7.53	6.77	84.76	-543.50	559.10	729.58	715.31	14.28	51.097		
1,600.00	1,576.74	1,573.14	1,570.31	7.99	7.11	86.56	-544.16	556.08	726.92	711.85	15.08	48.216		
1,700.00	1,674.38	1,668.03	1,665.18	8.45	7.46	88.29	-544.54	554.55	725.54	709.65	15.89	45.646		
1,800.00	1,772.02	1,768.35	1,765.50	8.92	7.84	90.04	-544.44	553.95	724.86	708.11	16.75	43.280		
1,900.00	1,869.65	1,877.40	1,874.54	9.39	8.26	91.89	-543.23	553.64	724.09	706.45	17.65	41.032		
2,000.00	1,967.29	1,993.06	1,990.11	9.87	8.72	93.80	-539.04	552.90	721.49	702.91	18.58	38.835		
2,100.00	2,064.93	2,116.76	2,113.54	10.35	9.22	95.76	-530.97	552.19	716.90	697.37	19.53	36.704		
2,200.00	2,162.56	2,237.49	2,233.65	10.83	9.72	97.63	-518.79	551.13	709.42	688.95	20.47	34.662		
2,300.00	2,260.20	2,357.19	2,352.17	11.32	10.21	99.38	-502.12	550.69	698.89	677.50	21.39	32.678		
2,400.00	2,357.84	2,471.13	2,464.57	11.80	10.68	101.03	-483.44	550.32	686.54	664.25	22.29	30.798		
2,500.00	2,455.48	2,595.73	2,586.80	12.29	11.20	102.89	-459.30	549.35	671.71	648.53	23.18	28.982		
2,600.00	2,553.11	2,755.62	2,740.84	12.78	11.88	104.98	-416.77	550.82	650.63	626.73	23.90	27.226		
2,700.00	2,650.75	2,915.18	2,888.93	13.27	12.61	106.92	-357.61	553.04	619.07	594.72	24.35	25.424		
2,800.00	2,748.39	3,009.51	2,974.56	13.77	13.05	108.23	-318.06	553.50	583.21	558.01	25.21	23.137		
2,900.00	2,846.02	3,091.05	3,049.21	14.26	13.45	109.69	-285.29	552.30	549.14	522.93	26.21	20.952		
3,000.00	2,943.66	3,179.19	3,130.58	14.76	13.88	111.53	-251.46	550.57	517.27	490.10	27.17	19.040		
3,100.00	3,041.30	3,268.69	3,213.19	15.25	14.32	113.66	-217.10	548.47	486.02	457.89	28.13	17.277		
3,200.00	3,138.94	3,349.19	3,288.22	15.75	14.72	115.79	-187.99	546.74	457.78	428.56	29.22	15.668		
3,300.00	3,236.57	3,434.74	3,368.65	16.25	15.15	118.29	-158.87	544.95	432.62	402.36	30.26	14.297		
3,400.00	3,334.21	3,520.69	3,450.05	16.75	15.58	120.98	-131.34	543.62	410.54	379.24	31.31	13.114		
3,500.00	3,431.85	3,612.60	3,537.63	17.25	16.03	123.74	-103.52	544.81	391.14	358.85	32.29	12.112		
3,600.00	3,529.48	3,723.30	3,642.62	17.75	16.59	126.98	-68.72	549.21	371.23	338.16	33.07	11.226		
3,700.00	3,627.12	3,832.51	3,744.78	18.25	17.16	130.99	-30.24	551.89	348.89	315.08	33.81	10.319		
3,800.00	3,724.76	3,939.86	3,843.07	18.75	17.73	136.39	12.86	550.98	324.11	289.57	34.54	9.383		
3,900.00	3,822.40	4,043.03	3,935.24	19.25	18.31	143.34	59.01	546.92	298.75	263.38	35.37	8.446		
4,000.00	3,920.03	4,139.02	4,018.74	19.75	18.86	151.62	106.03	541.34	274.78	238.32	36.47	7.535		
4,100.00	4,017.67	4,227.23	4,094.71	20.25	19.38	160.47	150.55	536.15	256.26	218.42	37.84	6.772		
4,200.00	4,115.31	4,309.42	4,166.42	20.76	19.87	169.06	190.49	532.15	246.54	207.31	39.23	6.284		
4,236.61	4,151.05	4,338.90	4,192.66	20.94	20.04	172.05	203.85	530.67	245.80	206.12	39.68	6.195 CC, ES		
4,300.00	4,212.94	4,393.60	4,242.00	21.26	20.35	177.33	227.29	527.95	247.70	207.34	40.35	6.138 SF		
4,400.00	4,310.58	4,483.67	4,324.55	21.76	20.86	-174.91	263.11	524.30	256.50	215.20	41.31	6.210		
4,500.00	4,408.22	4,574.43	4,409.53	22.27	21.36	-168.62	294.82	521.35	270.91	228.73	42.19	6.422		
4,600.00	4,505.86	4,667.33	4,497.57	22.77	21.86	-163.43	324.28	517.87	289.60	246.54	43.06	6.725		
4,700.00	4,603.49	4,765.78	4,591.54	23.28	22.38	-158.99	353.50	515.33	309.56	265.51	44.05	7.028		
4,800.00	4,701.13	4,860.36	4,682.06	23.78	22.87	-155.38	380.81	512.92	331.04	286.08	44.96	7.364		
4,900.00	4,798.77	4,957.50	4,775.05	24.28	23.38	-152.13	408.80	510.64	353.48	307.56	45.92	7.698		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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	4,896.40	5,057.54	4,870.80	24.79	23.90	-149.17	437.72	508.92	376.32	329.37	46.95	8.016		
5,100.00	4,994.04	5,158.58	4,967.14	25.30	24.44	-146.29	468.19	509.06	398.36	350.36	47.99	8.300		
5,200.00	5,091.68	5,252.78	5,055.51	25.80	24.95	-143.27	500.76	510.34	420.93	372.01	48.93	8.603		
5,300.00	5,189.32	5,345.60	5,141.67	26.31	25.47	-140.27	535.25	511.67	445.16	395.32	49.84	8.932		
5,400.00	5,286.95	5,441.71	5,230.83	26.81	26.01	-137.45	571.09	513.08	470.54	419.71	50.82	9.258		
5,500.00	5,384.59	5,538.07	5,321.23	27.32	26.54	-135.22	604.45	514.22	496.21	444.40	51.81	9.578		
5,600.00	5,482.23	5,639.51	5,416.68	27.82	27.10	-133.20	638.76	515.51	522.17	469.28	52.89	9.873		
5,700.00	5,579.87	5,734.16	5,506.10	28.33	27.62	-131.57	669.71	517.46	547.48	493.63	53.84	10.168		
5,800.00	5,677.50	5,820.27	5,587.32	28.84	28.09	-130.20	698.32	518.36	574.28	519.65	54.63	10.512		
5,900.00	5,775.14	5,907.17	5,668.60	29.34	28.57	-128.79	729.04	518.52	603.08	547.64	55.44	10.879		
6,000.00	5,872.78	5,996.74	5,752.35	29.85	29.08	-127.49	760.81	517.88	633.07	576.78	56.30	11.245		
6,100.00	5,970.41	6,085.31	5,834.86	30.36	29.58	-126.25	792.98	516.86	664.15	607.01	57.14	11.623		
6,200.00	6,068.05	6,179.48	5,922.66	30.86	30.11	-125.11	826.98	514.92	696.16	638.05	58.11	11.981		
6,300.00	6,165.69	6,274.06	6,011.48	31.37	30.64	-124.21	859.39	512.75	727.63	668.55	59.08	12.316		
6,400.00	6,263.33	6,355.85	6,088.35	31.88	31.10	-123.56	887.13	509.42	760.51	700.73	59.78	12.721		
6,500.00	6,360.96	6,442.84	6,169.42	32.38	31.60	-122.80	918.46	505.89	794.60	733.99	60.60	13.111		
6,600.00	6,458.60	6,536.64	6,256.07	32.89	32.14	-121.88	954.25	502.89	829.32	767.73	61.59	13.466		
6,628.42	6,486.35	6,572.54	6,289.29	33.04	32.35	-121.54	967.85	502.00	839.02	776.95	62.06	13.519		
6,650.00	6,507.49	6,600.16	6,314.97	33.14	32.51	-117.34	977.99	501.41	845.90	783.48	62.42	13.552		
6,700.00	6,556.88	6,666.87	6,377.39	33.37	32.89	-99.60	1,001.50	500.52	858.91	795.65	63.26	13.578		
6,750.00	6,606.60	6,710.38	6,473.99	33.58	33.02	-51.45	1,142.75	609.56	861.12	796.58	64.54	13.342		
6,800.00	6,656.35	7,184.97	6,833.33	33.76	35.30	-5.29	1,163.90	649.50	846.19	781.55	64.64	13.090		
6,850.00	6,705.83	7,275.42	6,902.17	33.94	35.61	20.89	1,188.26	702.82	827.59	763.18	64.41	12.849		
6,900.00	6,754.72	7,349.69	6,954.81	34.12	35.86	36.49	1,207.56	751.49	806.04	741.63	64.41	12.514		
6,950.00	6,802.72	7,441.99	7,013.65	34.31	36.15	50.30	1,230.40	818.76	782.64	718.51	64.13	12.205		
7,000.00	6,849.54	7,553.00	7,072.61	34.50	36.48	64.97	1,253.14	909.86	758.14	694.48	63.66	11.909		
7,050.00	6,894.89	7,566.57	7,078.79	34.71	36.52	70.64	1,255.46	921.71	734.65	669.64	65.01	11.301		
7,100.00	6,938.49	7,562.88	7,077.13	34.93	36.51	73.92	1,254.84	918.47	713.36	646.84	66.51	10.725		
7,150.00	6,980.07	7,549.78	7,071.11	35.17	36.47	75.71	1,252.57	907.07	694.58	626.62	67.96	10.220		
7,200.00	7,019.38	7,532.30	7,062.73	35.43	36.41	76.56	1,249.40	892.06	678.49	609.27	69.23	9.801		
7,250.00	7,056.17	7,512.44	7,052.76	35.71	36.35	76.73	1,245.59	875.31	665.19	594.94	70.25	9.469		
7,300.00	7,090.21	7,491.17	7,041.56	36.03	36.29	76.38	1,241.27	857.76	654.72	583.71	71.01	9.220		
7,350.00	7,121.30	7,469.02	7,029.32	36.37	36.23	75.59	1,236.52	839.92	647.07	575.56	71.50	9.050		
7,400.00	7,149.25	7,447.69	7,017.02	36.75	36.17	74.55	1,231.72	823.17	642.17	570.40	71.77	8.948		
7,450.00	7,173.87	7,426.28	7,004.21	37.17	36.10	73.23	1,226.72	806.76	639.96	568.12	71.85	8.907		
7,468.66	7,182.18	7,418.04	6,999.16	37.33	36.07	72.65	1,224.75	800.56	639.79	567.96	71.84	8.906		
7,500.00	7,195.03	7,403.95	6,990.37	37.62	36.03	71.59	1,221.33	790.08	640.26	568.50	71.76	8.922		
7,550.00	7,212.58	7,380.88	6,975.58	38.11	35.96	69.68	1,215.58	773.34	642.84	571.28	71.55	8.984		
7,600.00	7,226.43	7,358.45	6,960.73	38.64	35.89	67.66	1,209.83	757.54	647.44	576.13	71.31	9.080		
7,650.00	7,236.48	7,336.95	6,946.10	39.20	35.82	65.58	1,204.27	742.80	653.87	582.79	71.09	9.198		
7,700.00	7,242.68	7,314.59	6,930.49	39.79	35.74	63.34	1,198.46	727.90	661.85	590.97	70.88	9.338		
7,753.32	7,245.00	7,289.96	6,912.82	40.44	35.66	60.84	1,192.05	711.97	671.72	601.02	70.70	9.501		
7,800.00	7,245.08	7,267.92	6,896.62	41.04	35.59	59.37	1,186.30	698.18	681.93	611.38	70.55	9.665		
7,900.00	7,245.26	7,218.62	6,859.41	42.43	35.41	56.06	1,173.15	668.64	710.55	640.42	70.13	10.132		
8,000.00	7,245.43	7,174.47	6,825.08	43.97	35.26	53.08	1,160.97	643.69	747.89	678.06	69.83	10.710		
8,100.00	7,245.61	7,130.98	6,790.55	45.64	35.09	50.18	1,148.67	620.29	793.09	723.56	69.53	11.407		
8,200.00	7,245.79	7,090.98	6,758.29	47.42	34.94	47.56	1,137.12	599.65	845.13	775.80	69.33	12.189		
8,300.00	7,245.97	7,054.24	6,728.26	49.30	34.80	45.20	1,126.26	581.49	903.13	833.90	69.23	13.045		
8,400.00	7,246.14	7,020.84	6,700.61	51.28	34.66	43.10	1,116.07	565.76	966.26	897.05	69.21	13.961		
8,500.00	7,246.32	6,993.00	6,677.34	53.34	34.55	41.38	1,107.36	553.22	1,033.81	964.48	69.33	14.911		
8,600.00	7,246.50	6,993.00	6,677.34	55.46	34.55	41.38	1,107.36	553.22	1,105.78	1,035.64	70.14	15.765		
8,700.00	7,246.67	6,961.62	6,650.61	57.66	34.41	39.47	1,097.35	540.21	1,180.62	1,110.58	70.04	16.857		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
8,800.00	7,246.85	6,949.19	6,639.81	59.90	34.35	38.72	1,093.34	535.53	1,258.88	1,188.53	70.35	17.895		
8,900.00	7,247.03	6,938.08	6,630.07	62.20	34.30	38.05	1,089.74	531.57	1,339.72	1,269.10	70.62	18.972		
9,000.00	7,247.21	6,899.00	6,595.21	64.55	34.12	35.75	1,076.98	519.40	1,423.77	1,353.48	70.29	20.257		
9,100.00	7,247.38	6,899.00	6,595.21	66.93	34.12	35.75	1,076.98	519.40	1,508.10	1,437.42	70.69	21.335		
9,200.00	7,247.56	6,899.00	6,595.21	69.35	34.12	35.75	1,076.98	519.40	1,594.25	1,523.24	71.01	22.451		
9,300.00	7,247.74	6,899.00	6,595.21	71.80	34.12	35.75	1,076.98	519.40	1,681.93	1,610.66	71.27	23.598		
9,400.00	7,247.91	6,899.00	6,595.21	74.29	34.12	35.75	1,076.98	519.40	1,770.92	1,699.43	71.49	24.772		
9,500.00	7,248.09	6,899.00	6,595.21	76.79	34.12	35.75	1,076.98	519.40	1,861.02	1,789.36	71.67	25.968		
9,600.00	7,248.27	6,899.00	6,595.21	79.33	34.12	35.75	1,076.98	519.40	1,952.09	1,880.28	71.81	27.184		
9,700.00	7,248.45	6,899.00	6,595.21	81.88	34.12	35.75	1,076.98	519.40	2,044.00	1,972.07	71.93	28.416		
9,800.00	7,248.62	6,899.00	6,595.21	84.45	34.12	35.75	1,076.98	519.40	2,136.63	2,064.60	72.03	29.662		
9,900.00	7,248.80	6,899.00	6,595.21	87.04	34.12	35.75	1,076.98	519.40	2,229.90	2,157.78	72.12	30.920		
10,000.00	7,248.98	6,899.00	6,595.21	89.65	34.12	35.75	1,076.98	519.40	2,323.73	2,251.54	72.19	32.189		
10,100.00	7,249.15	6,899.00	6,595.21	92.28	34.12	35.75	1,076.98	519.40	2,418.05	2,345.80	72.25	33.467		
10,200.00	7,249.33	6,899.00	6,595.21	94.91	34.12	35.75	1,076.98	519.40	2,512.81	2,440.51	72.31	34.753		
10,300.00	7,249.51	6,899.00	6,595.21	97.56	34.12	35.75	1,076.98	519.40	2,607.97	2,535.61	72.35	36.045		
10,400.00	7,249.69	6,899.00	6,595.21	100.22	34.12	35.75	1,076.98	519.40	2,703.47	2,631.08	72.39	37.344		
10,500.00	7,249.86	6,858.01	6,557.63	102.89	33.91	33.44	1,063.63	509.98	2,797.00	2,724.89	72.11	38.785		
10,600.00	7,250.04	6,855.71	6,555.49	105.57	33.90	33.31	1,062.89	509.56	2,892.85	2,820.71	72.14	40.099		
10,700.00	7,250.22	6,853.53	6,553.47	108.27	33.89	33.19	1,062.19	509.18	2,988.96	2,916.79	72.17	41.417		
10,800.00	7,250.39	6,851.48	6,551.55	110.96	33.88	33.08	1,061.53	508.83	3,085.30	3,013.10	72.19	42.737		
10,900.00	7,250.57	6,849.54	6,549.74	113.67	33.87	32.97	1,060.90	508.51	3,181.85	3,109.64	72.22	44.060		
11,000.00	7,250.75	6,847.70	6,548.03	116.39	33.86	32.87	1,060.31	508.21	3,278.61	3,206.37	72.24	45.385		
11,100.00	7,250.93	6,845.95	6,546.40	119.11	33.85	32.77	1,059.75	507.94	3,375.54	3,303.28	72.26	46.712		
11,200.00	7,251.10	6,805.00	6,507.81	121.83	33.64	30.62	1,046.81	503.55	3,474.69	3,402.66	72.03	48.237		
11,300.00	7,251.28	6,805.00	6,507.81	124.57	33.64	30.62	1,046.81	503.55	3,571.78	3,499.71	72.07	49.558		
11,400.00	7,251.46	6,805.00	6,507.81	127.31	33.64	30.62	1,046.81	503.55	3,669.02	3,596.91	72.11	50.881		
11,500.00	7,251.63	6,805.00	6,507.81	130.05	33.64	30.62	1,046.81	503.55	3,766.41	3,694.27	72.15	52.205		
11,600.00	7,251.81	6,805.00	6,507.81	132.80	33.64	30.62	1,046.81	503.55	3,863.93	3,791.75	72.18	53.529		
11,700.00	7,251.99	6,805.00	6,507.81	135.55	33.64	30.62	1,046.81	503.55	3,961.58	3,889.36	72.22	54.855		
11,800.00	7,252.17	6,805.00	6,507.81	138.31	33.64	30.62	1,046.81	503.55	4,059.34	3,987.09	72.26	56.181		
11,900.00	7,252.34	6,805.00	6,507.81	141.07	33.64	30.62	1,046.81	503.55	4,157.21	4,084.92	72.29	57.507		
12,000.00	7,252.52	6,805.00	6,507.81	143.84	33.64	30.62	1,046.81	503.55	4,255.17	4,182.85	72.33	58.833		
12,100.00	7,252.70	6,805.00	6,507.81	146.61	33.64	30.62	1,046.81	503.55	4,353.23	4,280.87	72.36	60.159		
12,200.00	7,252.87	6,805.00	6,507.81	149.38	33.64	30.62	1,046.81	503.55	4,451.38	4,378.98	72.40	61.484		
12,300.00	7,253.05	6,805.00	6,507.81	152.16	33.64	30.62	1,046.81	503.55	4,549.60	4,477.17	72.44	62.809		
12,400.00	7,253.23	6,805.00	6,507.81	154.94	33.64	30.62	1,046.81	503.55	4,647.90	4,575.43	72.47	64.133		
12,500.00	7,253.41	6,805.00	6,507.81	157.72	33.64	30.62	1,046.81	503.55	4,746.28	4,673.77	72.51	65.457		
12,600.00	7,253.58	6,805.00	6,507.81	160.51	33.64	30.62	1,046.81	503.55	4,844.72	4,772.17	72.55	66.779		
12,700.00	7,253.76	6,805.00	6,507.81	163.29	33.64	30.62	1,046.81	503.55	4,943.22	4,870.63	72.59	68.100		
12,800.00	7,253.94	6,805.00	6,507.81	166.08	33.64	30.62	1,046.81	503.55	5,041.78	4,969.15	72.63	69.420		
12,900.00	7,254.11	6,805.00	6,507.81	168.88	33.64	30.62	1,046.81	503.55	5,140.39	5,067.73	72.67	70.739		
13,000.00	7,254.29	6,805.00	6,507.81	171.67	33.64	30.62	1,046.81	503.55	5,239.06	5,166.35	72.71	72.056		
13,100.00	7,254.47	6,805.00	6,507.81	174.47	33.64	30.62	1,046.81	503.55	5,337.78	5,265.03	72.75	73.371		
13,200.00	7,254.65	6,805.00	6,507.81	177.27	33.64	30.62	1,046.81	503.55	5,436.55	5,363.75	72.79	74.685		
13,300.00	7,254.82	6,805.00	6,507.81	180.07	33.64	30.62	1,046.81	503.55	5,535.36	5,462.52	72.84	75.996		
13,400.00	7,255.00	6,805.00	6,507.81	182.87	33.64	30.62	1,046.81	503.55	5,634.21	5,561.33	72.88	77.306		
13,500.00	7,255.18	6,805.00	6,507.81	185.67	33.64	30.62	1,046.81	503.55	5,733.10	5,660.17	72.93	78.614		
13,600.00	7,255.35	6,805.00	6,507.81	188.48	33.64	30.62	1,046.81	503.55	5,832.03	5,759.05	72.97	79.920		
13,700.00	7,255.53	6,805.00	6,507.81	191.29	33.64	30.62	1,046.81	503.55	5,930.99	5,857.97	73.02	81.224		
13,800.00	7,255.71	6,805.00	6,507.81	194.10	33.64	30.62	1,046.81	503.55	6,029.99	5,956.92	73.07	82.526		
13,900.00	7,255.89	6,805.00	6,507.81	196.91	33.64	30.62	1,046.81	503.55	6,129.02	6,055.91	73.12	83.825		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
14,000.00	7,256.06	6,805.00	6,507.81	199.72	33.64	30.62	1,046.81	503.55	6,228.09	6,154.92	73.17	85.122		
14,100.00	7,256.24	6,805.00	6,507.81	202.53	33.64	30.62	1,046.81	503.55	6,327.18	6,253.96	73.22	86.416		
14,200.00	7,256.42	6,805.00	6,507.81	205.35	33.64	30.62	1,046.81	503.55	6,426.30	6,353.03	73.27	87.708		
14,300.00	7,256.59	6,805.00	6,507.81	208.16	33.64	30.62	1,046.81	503.55	6,525.44	6,452.12	73.32	88.997		
14,400.00	7,256.77	6,805.00	6,507.81	210.98	33.64	30.62	1,046.81	503.55	6,624.62	6,551.24	73.38	90.284		
14,500.00	7,256.95	6,805.00	6,507.81	213.80	33.64	30.62	1,046.81	503.55	6,723.81	6,650.38	73.43	91.568		
14,600.00	7,257.13	6,805.00	6,507.81	216.62	33.64	30.62	1,046.81	503.55	6,823.04	6,749.55	73.49	92.849		
14,700.00	7,257.30	6,805.00	6,507.81	219.44	33.64	30.62	1,046.81	503.55	6,922.28	6,848.74	73.54	94.127		
14,800.00	7,257.48	6,805.00	6,507.81	222.26	33.64	30.62	1,046.81	503.55	7,021.54	6,947.94	73.60	95.403		
14,900.00	7,257.66	6,805.00	6,507.81	225.08	33.64	30.62	1,046.81	503.55	7,120.83	7,047.17	73.66	96.675		
15,000.00	7,257.83	6,805.00	6,507.81	227.91	33.64	30.62	1,046.81	503.55	7,220.13	7,146.42	73.72	97.945		
15,100.00	7,258.01	6,805.00	6,507.81	230.73	33.64	30.62	1,046.81	503.55	7,319.46	7,245.68	73.78	99.212		
15,200.00	7,258.19	6,805.00	6,507.81	233.56	33.64	30.62	1,046.81	503.55	7,418.80	7,344.96	73.84	100.475		
15,300.00	7,258.37	6,805.00	6,507.81	236.38	33.64	30.62	1,046.81	503.55	7,518.16	7,444.26	73.90	101.736		
15,400.00	7,258.54	6,805.00	6,507.81	239.21	33.64	30.62	1,046.81	503.55	7,617.53	7,543.57	73.96	102.993		
15,500.00	7,258.72	6,805.00	6,507.81	242.04	33.64	30.62	1,046.81	503.55	7,716.93	7,642.90	74.03	104.247		
15,600.00	7,258.90	6,805.00	6,507.81	244.87	33.64	30.62	1,046.81	503.55	7,816.33	7,742.24	74.09	105.498		
15,700.00	7,259.08	6,805.00	6,507.81	247.70	33.64	30.62	1,046.81	503.55	7,915.76	7,841.60	74.16	106.746		
15,800.00	7,259.25	6,805.00	6,507.81	250.53	33.64	30.62	1,046.81	503.55	8,015.19	7,940.97	74.22	107.990		
15,900.00	7,259.43	6,805.00	6,507.81	253.36	33.64	30.62	1,046.81	503.55	8,114.65	8,040.36	74.29	109.231		
16,000.00	7,259.61	6,805.00	6,507.81	256.19	33.64	30.62	1,046.81	503.55	8,214.11	8,139.75	74.36	110.469		
16,100.00	7,259.78	6,805.00	6,507.81	259.02	33.64	30.62	1,046.81	503.55	8,313.59	8,239.16	74.43	111.703		
16,200.00	7,259.96	6,805.00	6,507.81	261.85	33.64	30.62	1,046.81	503.55	8,413.08	8,338.58	74.50	112.934		
16,300.00	7,260.14	6,805.00	6,507.81	264.68	33.64	30.62	1,046.81	503.55	8,512.58	8,438.01	74.57	114.161		
16,400.00	7,260.32	6,805.00	6,507.81	267.52	33.64	30.62	1,046.81	503.55	8,612.09	8,537.45	74.64	115.385		
16,500.00	7,260.49	6,805.00	6,507.81	270.35	33.64	30.62	1,046.81	503.55	8,711.61	8,636.90	74.71	116.606		
16,600.00	7,260.67	6,805.00	6,507.81	273.19	33.64	30.62	1,046.81	503.55	8,811.15	8,736.37	74.78	117.823		
16,700.00	7,260.85	6,805.00	6,507.81	276.02	33.64	30.62	1,046.81	503.55	8,910.69	8,835.84	74.86	119.036		
16,800.00	7,261.02	6,805.00	6,507.81	278.86	33.64	30.62	1,046.81	503.55	9,010.25	8,935.32	74.93	120.245		
16,900.00	7,261.20	6,805.00	6,507.81	281.69	33.64	30.62	1,046.81	503.55	9,109.82	9,034.81	75.01	121.451		
17,000.00	7,261.38	6,805.00	6,507.81	284.53	33.64	30.62	1,046.81	503.55	9,209.39	9,134.31	75.08	122.654		
17,100.00	7,261.56	6,805.00	6,507.81	287.37	33.64	30.62	1,046.81	503.55	9,308.97	9,233.81	75.16	123.852		
17,200.00	7,261.73	6,805.00	6,507.81	290.21	33.64	30.62	1,046.81	503.55	9,408.57	9,333.33	75.24	125.047		
17,300.00	7,261.91	6,805.00	6,507.81	293.04	33.64	30.62	1,046.81	503.55	9,508.17	9,432.85	75.32	126.238		
17,400.00	7,262.09	6,805.00	6,507.81	295.88	33.64	30.62	1,046.81	503.55	9,607.78	9,532.38	75.40	127.426		
17,500.00	7,262.26	6,805.00	6,507.81	298.72	33.64	30.62	1,046.81	503.55	9,707.39	9,631.91	75.48	128.609		
17,600.00	7,262.44	6,805.00	6,507.81	301.56	33.64	30.62	1,046.81	503.55	9,807.02	9,731.46	75.56	129.789		
17,700.00	7,262.62	6,805.00	6,507.81	304.40	33.64	30.62	1,046.81	503.55	9,906.65	9,831.01	75.64	130.965		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-119.85	-1.11	119.86					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-119.85	-1.11	119.86	113.29	6.57	18.245		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-119.85	-1.11	119.86	113.18	6.67	17.959 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	115.71	-119.85	-1.11	120.60	113.72	6.89	17.508		
400.00	399.84	397.61	397.59	3.60	3.59	117.14	-120.81	0.25	123.86	116.67	7.20	17.209		
500.00	499.45	495.07	494.92	3.81	3.78	118.50	-123.66	4.33	130.61	123.02	7.60	17.195		
600.00	598.70	592.19	591.69	4.06	4.01	119.68	-128.39	11.08	140.83	132.76	8.08	17.439		
700.00	697.47	688.82	687.63	4.34	4.27	120.64	-134.96	20.47	154.48	145.85	8.63	17.908		
800.00	795.62	784.79	782.48	4.66	4.56	121.35	-143.32	32.41	171.51	162.27	9.24	18.563		
824.00	819.08	807.71	805.06	4.75	4.63	121.48	-145.59	35.64	176.09	166.69	9.40	18.741		
900.00	893.28	880.08	876.12	5.02	4.88	121.84	-153.42	46.83	191.33	181.43	9.91	19.316		
1,000.00	990.92	974.78	968.56	5.40	5.23	121.55	-165.22	63.68	212.67	202.05	10.61	20.038		
1,100.00	1,088.56	1,071.33	1,062.27	5.80	5.62	120.78	-178.56	82.73	235.09	223.72	11.37	20.677		
1,200.00	1,186.19	1,168.72	1,156.77	6.21	6.03	120.13	-192.07	102.03	257.60	245.43	12.16	21.176		
1,300.00	1,283.83	1,266.12	1,251.27	6.64	6.46	119.57	-205.59	121.33	280.13	267.14	12.99	21.569		
1,400.00	1,381.47	1,363.51	1,345.77	7.08	6.90	119.10	-219.10	140.63	302.69	288.85	13.83	21.879		
1,500.00	1,479.10	1,460.91	1,440.27	7.53	7.36	118.69	-232.62	159.93	325.26	310.56	14.70	22.124		
1,600.00	1,576.74	1,558.30	1,534.78	7.99	7.83	118.34	-246.13	179.23	347.85	332.26	15.58	22.320		
1,700.00	1,674.38	1,655.70	1,629.28	8.45	8.30	118.03	-259.65	198.54	370.44	353.96	16.48	22.476		
1,800.00	1,772.02	1,753.09	1,723.78	8.92	8.78	117.76	-273.16	217.84	393.05	375.66	17.39	22.602		
1,900.00	1,869.65	1,850.49	1,818.28	9.39	9.26	117.51	-286.68	237.14	415.66	397.35	18.31	22.704		
2,000.00	1,967.29	1,947.88	1,912.78	9.87	9.75	117.29	-300.19	256.44	438.28	419.05	19.24	22.786		
2,100.00	2,064.93	2,045.28	2,007.29	10.35	10.25	117.10	-313.71	275.74	460.91	440.74	20.17	22.852		
2,200.00	2,162.56	2,142.67	2,101.79	10.83	10.75	116.92	-327.22	295.04	483.54	462.43	21.11	22.906		
2,300.00	2,260.20	2,240.07	2,196.29	11.32	11.25	116.75	-340.73	314.34	506.17	484.12	22.06	22.950		
2,400.00	2,357.84	2,337.46	2,290.79	11.80	11.75	116.60	-354.25	333.64	528.81	505.81	23.01	22.985		
2,500.00	2,455.48	2,434.86	2,385.29	12.29	12.26	116.47	-367.76	352.94	551.45	527.49	23.96	23.014		
2,600.00	2,553.11	2,532.25	2,479.79	12.78	12.76	116.34	-381.28	372.24	574.10	549.18	24.92	23.037		
2,700.00	2,650.75	2,629.65	2,574.30	13.27	13.27	116.22	-394.79	391.54	596.75	570.86	25.88	23.055		
2,800.00	2,748.39	2,727.04	2,668.80	13.77	13.78	116.12	-408.31	410.84	619.39	592.55	26.85	23.070		
2,900.00	2,846.02	2,824.44	2,763.30	14.26	14.30	116.02	-421.82	430.15	642.04	614.23	27.82	23.081		
3,000.00	2,943.66	2,921.83	2,857.80	14.76	14.81	115.92	-435.34	449.45	664.70	635.91	28.79	23.090		
3,100.00	3,041.30	3,019.23	2,952.30	15.25	15.33	115.83	-448.85	468.75	687.35	657.59	29.76	23.097		
3,200.00	3,138.94	3,116.62	3,046.81	15.75	15.84	115.75	-462.37	488.05	710.01	679.27	30.73	23.101		
3,300.00	3,236.57	3,214.02	3,141.31	16.25	16.36	115.68	-475.88	507.35	732.66	700.95	31.71	23.105		
3,400.00	3,334.21	3,311.41	3,235.81	16.75	16.88	115.60	-489.40	526.65	755.32	722.63	32.69	23.106		
3,500.00	3,431.85	3,408.81	3,330.31	17.25	17.40	115.54	-502.91	545.95	777.98	744.31	33.67	23.107		
3,600.00	3,529.48	3,506.20	3,424.81	17.75	17.91	115.47	-516.42	565.25	800.64	765.99	34.65	23.107		
3,700.00	3,627.12	3,603.60	3,519.32	18.25	18.43	115.41	-529.94	584.55	823.30	787.67	35.63	23.106		
3,800.00	3,724.76	3,700.99	3,613.82	18.75	18.96	115.35	-543.45	603.85	845.96	809.35	36.61	23.104		
3,900.00	3,822.40	3,801.61	3,708.32	19.25	19.49	115.30	-556.97	623.15	868.63	831.01	37.62	23.092		
4,000.00	3,920.03	3,904.22	3,802.82	19.75	20.04	115.25	-570.48	642.45	891.29	852.66	38.63	23.074		
4,100.00	4,017.67	3,993.18	3,897.32	20.25	20.52	115.20	-584.00	661.76	913.95	874.38	39.57	23.097		
4,200.00	4,115.31	4,090.57	3,991.83	20.76	21.04	115.15	-597.51	681.06	936.62	896.06	40.56	23.093		
4,300.00	4,212.94	4,187.97	4,086.33	21.26	21.57	115.11	-611.03	700.36	959.28	917.74	41.55	23.090		
4,400.00	4,310.58	4,285.36	4,180.83	21.76	22.09	115.06	-624.54	719.66	981.95	939.41	42.53	23.086		
4,500.00	4,408.22	4,382.76	4,275.33	22.27	22.61	115.02	-638.06	738.96	1,004.61	961.09	43.52	23.082		
4,600.00	4,505.86	4,480.15	4,369.83	22.77	23.14	114.99	-651.57	758.26	1,027.28	982.77	44.51	23.078		
4,700.00	4,603.49	4,577.55	4,464.34	23.28	23.66	114.95	-665.09	777.56	1,049.95	1,004.44	45.50	23.073		
4,800.00	4,701.13	4,674.94	4,558.84	23.78	24.19	114.91	-678.60	796.86	1,072.61	1,026.12	46.50	23.069		
4,900.00	4,798.77	4,772.34	4,653.34	24.28	24.71	114.88	-692.11	816.16	1,095.28	1,047.79	47.49	23.065		
5,000.00	4,896.40	4,869.73	4,747.84	24.79	25.24	114.85	-705.63	835.46	1,117.95	1,069.47	48.48	23.060		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 16C-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		
5,100.00	4,994.04	4,967.13	4,842.34	25.30	25.76	114.81	-719.14	854.76	1,140.62	1,091.15	49.47	23.056		
5,200.00	5,091.68	5,064.52	4,936.85	25.80	26.29	114.78	-732.66	874.06	1,163.29	1,112.82	50.47	23.051		
5,300.00	5,189.32	5,161.92	5,031.35	26.31	26.82	114.76	-746.17	893.37	1,185.96	1,134.50	51.46	23.046		
5,400.00	5,286.95	5,259.31	5,125.85	26.81	27.34	114.73	-759.69	912.67	1,208.63	1,156.17	52.45	23.042		
5,500.00	5,384.59	5,356.71	5,220.35	27.32	27.87	114.70	-773.20	931.97	1,231.29	1,177.85	53.45	23.037		
5,600.00	5,482.23	5,454.10	5,314.85	27.82	28.39	114.67	-786.72	951.27	1,253.96	1,199.52	54.44	23.033		
5,700.00	5,579.87	5,551.50	5,409.36	28.33	28.92	114.65	-800.23	970.57	1,276.63	1,221.20	55.44	23.028		
5,800.00	5,677.50	5,648.89	5,503.86	28.84	29.45	114.63	-813.75	989.87	1,299.30	1,242.87	56.43	23.024		
5,900.00	5,775.14	5,746.29	5,598.36	29.34	29.97	114.60	-827.26	1,009.17	1,321.98	1,264.55	57.43	23.019		
6,000.00	5,872.78	5,843.68	5,692.86	29.85	30.50	114.58	-840.78	1,028.47	1,344.65	1,286.22	58.42	23.015		
6,100.00	5,970.41	5,941.08	5,787.36	30.36	31.03	114.56	-854.29	1,047.77	1,367.32	1,307.90	59.42	23.011		
6,200.00	6,068.05	6,038.47	5,881.86	30.86	31.56	114.54	-867.80	1,067.07	1,389.99	1,329.57	60.42	23.006		
6,300.00	6,165.69	6,135.87	5,976.37	31.37	32.08	114.52	-881.32	1,086.37	1,412.66	1,351.24	61.41	23.002		
6,400.00	6,263.33	6,233.26	6,070.87	31.88	32.61	114.50	-894.83	1,105.67	1,435.33	1,372.92	62.41	22.998		
6,500.00	6,360.96	6,330.66	6,165.37	32.38	33.14	114.48	-908.35	1,124.98	1,458.00	1,394.59	63.41	22.993		
6,600.00	6,458.60	6,428.05	6,259.87	32.89	33.67	114.46	-921.86	1,144.28	1,480.67	1,416.27	64.41	22.989		
6,628.42	6,486.35	6,455.74	6,286.73	33.04	33.82	114.45	-925.70	1,149.76	1,487.12	1,422.43	64.69	22.988		
6,650.00	6,507.49	6,476.74	6,307.12	33.14	33.93	119.20	-928.62	1,153.93	1,492.01	1,427.11	64.90	22.988		
6,700.00	6,556.88	6,525.27	6,354.21	33.37	34.19	137.81	-935.35	1,163.54	1,503.35	1,437.98	65.37	22.997		
6,750.00	6,606.60	6,573.35	6,400.85	33.58	34.45	177.17	-942.02	1,173.07	1,514.67	1,448.86	65.81	23.016		
6,800.00	6,656.35	6,620.67	6,446.77	33.76	34.71	-139.91	-948.59	1,182.45	1,525.94	1,459.72	66.22	23.043		
6,850.00	6,705.83	6,666.51	6,491.26	33.94	34.96	-118.88	-954.95	1,191.44	1,537.20	1,470.59	66.61	23.078		
6,900.00	6,754.72	6,711.20	6,535.01	34.12	35.18	-108.92	-961.22	1,197.97	1,548.47	1,481.50	66.97	23.120		
6,950.00	6,802.72	6,756.92	6,580.13	34.31	35.39	-103.32	-967.70	1,201.44	1,559.73	1,492.39	67.34	23.162		
7,000.00	6,849.54	6,803.82	6,626.54	34.50	35.57	-99.73	-974.38	1,201.59	1,570.92	1,503.21	67.71	23.199		
7,050.00	6,894.89	6,852.02	6,674.12	34.71	35.73	-97.21	-981.25	1,198.14	1,581.98	1,513.88	68.10	23.230		
7,100.00	6,938.49	6,901.69	6,722.72	34.93	35.89	-95.36	-988.28	1,190.80	1,592.84	1,524.32	68.51	23.248		
7,150.00	6,980.07	6,952.98	6,772.16	35.17	36.04	-93.93	-995.46	1,179.22	1,603.43	1,534.46	68.97	23.250		
7,200.00	7,019.38	7,006.07	6,822.18	35.43	36.20	-92.81	-1,002.74	1,163.05	1,613.68	1,544.22	69.46	23.232		
7,250.00	7,056.17	7,061.14	6,872.46	35.71	36.37	-91.92	-1,010.08	1,141.88	1,623.53	1,553.52	70.01	23.191		
7,300.00	7,090.21	7,118.34	6,922.58	36.03	36.57	-91.22	-1,017.42	1,115.33	1,632.89	1,562.28	70.61	23.126		
7,350.00	7,121.30	7,177.86	6,971.99	36.37	36.79	-90.67	-1,024.69	1,083.00	1,641.69	1,570.41	71.28	23.032		
7,400.00	7,149.25	7,239.82	7,020.02	36.75	37.04	-90.25	-1,031.79	1,044.55	1,649.83	1,577.81	72.02	22.906		
7,450.00	7,173.87	7,304.33	7,065.84	37.17	37.35	-89.95	-1,038.60	999.69	1,657.25	1,584.39	72.86	22.746		
7,500.00	7,195.03	7,371.44	7,108.49	37.62	37.71	-89.73	-1,044.99	948.31	1,663.85	1,590.04	73.81	22.544		
7,550.00	7,212.58	7,441.11	7,146.84	38.11	38.15	-89.60	-1,050.78	890.48	1,669.54	1,594.67	74.87	22.300		
7,600.00	7,226.43	7,513.21	7,179.70	38.64	38.68	-89.53	-1,055.82	826.54	1,674.25	1,598.18	76.07	22.010		
7,650.00	7,236.48	7,587.50	7,205.85	39.20	39.31	-89.52	-1,059.92	757.17	1,677.89	1,600.49	77.41	21.677		
7,700.00	7,242.68	7,663.62	7,224.16	39.79	40.05	-89.56	-1,062.91	683.39	1,680.41	1,601.53	78.88	21.304		
7,753.32	7,245.00	7,746.27	7,234.02	40.44	40.93	-89.63	-1,064.72	601.41	1,681.80	1,601.23	80.57	20.874		
7,800.00	7,245.08	7,805.30	7,235.06	41.04	41.61	-89.66	-1,065.15	542.40	1,682.15	1,600.22	81.94	20.529		
7,900.00	7,245.26	7,905.30	7,235.27	42.43	42.89	-89.66	-1,065.66	442.40	1,682.74	1,598.02	84.72	19.862		
8,000.00	7,245.43	8,005.30	7,235.48	43.97	44.33	-89.66	-1,066.16	342.41	1,683.33	1,595.53	87.79	19.174		
8,100.00	7,245.61	8,105.30	7,235.69	45.64	45.91	-89.66	-1,066.67	242.41	1,683.91	1,592.79	91.12	18.481		
8,200.00	7,245.79	8,205.29	7,235.91	47.42	47.62	-89.66	-1,067.18	142.41	1,684.50	1,589.83	94.67	17.793		
8,300.00	7,245.97	8,305.29	7,236.12	49.30	49.44	-89.67	-1,067.69	42.42	1,685.08	1,586.65	98.43	17.120		
8,400.00	7,246.14	8,405.29	7,236.33	51.28	51.36	-89.67	-1,068.20	-57.58	1,685.67	1,583.30	102.37	16.467		
8,500.00	7,246.32	8,505.29	7,236.55	53.34	53.37	-89.67	-1,068.71	-157.58	1,686.25	1,579.78	106.47	15.838		
8,600.00	7,246.50	8,605.29	7,236.76	55.46	55.46	-89.67	-1,069.21	-257.57	1,686.84	1,576.13	110.71	15.236		
8,700.00	7,246.67	8,705.29	7,236.97	57.66	57.61	-89.67	-1,069.72	-357.57	1,687.42	1,572.34	115.09	14.662		
8,800.00	7,246.85	8,805.28	7,237.19	59.90	59.83	-89.67	-1,070.23	-457.57	1,688.01	1,568.44	119.57	14.117		
8,900.00	7,247.03	8,905.28	7,237.40	62.20	62.10	-89.67	-1,070.74	-557.56	1,688.59	1,564.44	124.16	13.600		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 16C-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		
9,000.00	7,247.21	9,005.28	7,237.61	64.55	64.42	-89.68	-1,071.25	-657.56	1,689.18	1,560.34	128.84	13.111		
9,100.00	7,247.38	9,105.28	7,237.82	66.93	66.78	-89.68	-1,071.76	-757.56	1,689.77	1,556.17	133.59	12.649		
9,200.00	7,247.56	9,205.28	7,238.04	69.35	69.18	-89.68	-1,072.26	-857.55	1,690.35	1,551.93	138.43	12.211		
9,300.00	7,247.74	9,305.27	7,238.25	71.80	71.61	-89.68	-1,072.77	-957.55	1,690.94	1,547.62	143.32	11.798		
9,400.00	7,247.91	9,405.27	7,238.46	74.29	74.08	-89.68	-1,073.28	-1,057.55	1,691.52	1,543.24	148.28	11.408		
9,500.00	7,248.09	9,505.27	7,238.68	76.79	76.57	-89.68	-1,073.79	-1,157.54	1,692.11	1,538.82	153.29	11.039		
9,600.00	7,248.27	9,605.27	7,238.89	79.33	79.09	-89.68	-1,074.30	-1,257.54	1,692.69	1,534.35	158.34	10.690		
9,700.00	7,248.45	9,705.27	7,239.10	81.88	81.63	-89.68	-1,074.80	-1,357.54	1,693.28	1,529.83	163.44	10.360		
9,800.00	7,248.62	9,805.27	7,239.32	84.45	84.19	-89.69	-1,075.31	-1,457.53	1,693.86	1,525.28	168.58	10.048		
9,900.00	7,248.80	9,905.26	7,239.53	87.04	86.77	-89.69	-1,075.82	-1,557.53	1,694.45	1,520.69	173.76	9.752		
10,000.00	7,248.98	10,005.26	7,239.74	89.65	89.37	-89.69	-1,076.33	-1,657.53	1,695.04	1,516.07	178.97	9.471		
10,100.00	7,249.15	10,105.26	7,239.96	92.28	91.98	-89.69	-1,076.84	-1,757.53	1,695.62	1,511.41	184.21	9.205		
10,200.00	7,249.33	10,205.26	7,240.17	94.91	94.61	-89.69	-1,077.35	-1,857.52	1,696.21	1,506.73	189.48	8.952		
10,300.00	7,249.51	10,305.26	7,240.38	97.56	97.25	-89.69	-1,077.85	-1,957.52	1,696.79	1,502.02	194.77	8.712		
10,400.00	7,249.69	10,405.26	7,240.59	100.22	99.90	-89.69	-1,078.36	-2,057.52	1,697.38	1,497.29	200.09	8.483		
10,500.00	7,249.86	10,505.25	7,240.81	102.89	102.57	-89.70	-1,078.87	-2,157.51	1,697.96	1,492.54	205.42	8.266		
10,600.00	7,250.04	10,605.25	7,241.02	105.57	105.24	-89.70	-1,079.38	-2,257.51	1,698.55	1,487.77	210.78	8.058		
10,700.00	7,250.22	10,705.25	7,241.23	108.27	107.93	-89.70	-1,079.89	-2,357.51	1,699.13	1,482.98	216.16	7.861		
10,800.00	7,250.39	10,805.25	7,241.45	110.96	110.62	-89.70	-1,080.40	-2,457.50	1,699.72	1,478.17	221.55	7.672		
10,900.00	7,250.57	10,905.25	7,241.66	113.67	113.32	-89.70	-1,080.90	-2,557.50	1,700.31	1,473.34	226.96	7.492		
11,000.00	7,250.75	11,005.25	7,241.87	116.39	116.03	-89.70	-1,081.41	-2,657.50	1,700.89	1,468.51	232.38	7.319		
11,100.00	7,250.93	11,105.24	7,242.09	119.11	118.74	-89.70	-1,081.92	-2,757.49	1,701.48	1,463.65	237.82	7.154		
11,200.00	7,251.10	11,205.24	7,242.30	121.83	121.47	-89.70	-1,082.43	-2,857.49	1,702.06	1,458.79	243.27	6.997		
11,300.00	7,251.28	11,305.24	7,242.51	124.57	124.19	-89.71	-1,082.94	-2,957.49	1,702.65	1,453.91	248.74	6.845		
11,400.00	7,251.46	11,405.24	7,242.72	127.31	126.93	-89.71	-1,083.44	-3,057.48	1,703.23	1,449.02	254.21	6.700		
11,500.00	7,251.63	11,505.24	7,242.94	130.05	129.67	-89.71	-1,083.95	-3,157.48	1,703.82	1,444.12	259.69	6.561		
11,600.00	7,251.81	11,605.24	7,243.15	132.80	132.41	-89.71	-1,084.46	-3,257.48	1,704.40	1,439.21	265.19	6.427		
11,700.00	7,251.99	11,705.23	7,243.36	135.55	135.16	-89.71	-1,084.97	-3,357.47	1,704.99	1,434.30	270.69	6.299		
11,800.00	7,252.17	11,805.23	7,243.58	138.31	137.91	-89.71	-1,085.48	-3,457.47	1,705.58	1,429.37	276.21	6.175		
11,900.00	7,252.34	11,905.23	7,243.79	141.07	140.67	-89.71	-1,085.99	-3,557.47	1,706.16	1,424.43	281.73	6.056		
12,000.00	7,252.52	12,005.23	7,244.00	143.84	143.43	-89.71	-1,086.49	-3,657.46	1,706.75	1,419.49	287.25	5.942		
12,100.00	7,252.70	12,105.23	7,244.22	146.61	146.20	-89.72	-1,087.00	-3,757.46	1,707.33	1,414.54	292.79	5.831		
12,200.00	7,252.87	12,205.23	7,244.43	149.38	148.97	-89.72	-1,087.51	-3,857.46	1,707.92	1,409.58	298.33	5.725		
12,300.00	7,253.05	12,305.22	7,244.64	152.16	151.74	-89.72	-1,088.02	-3,957.45	1,708.50	1,404.62	303.88	5.622		
12,400.00	7,253.23	12,405.22	7,244.85	154.94	154.52	-89.72	-1,088.53	-4,057.45	1,709.09	1,399.65	309.44	5.523		
12,500.00	7,253.41	12,505.22	7,245.07	157.72	157.29	-89.72	-1,089.04	-4,157.45	1,709.67	1,394.68	315.00	5.428		
12,600.00	7,253.58	12,605.22	7,245.28	160.51	160.08	-89.72	-1,089.54	-4,257.44	1,710.26	1,389.69	320.57	5.335		
12,700.00	7,253.76	12,705.22	7,245.49	163.29	162.86	-89.72	-1,090.05	-4,357.44	1,710.84	1,384.71	326.14	5.246		
12,800.00	7,253.94	12,805.21	7,245.71	166.08	165.65	-89.73	-1,090.56	-4,457.44	1,711.43	1,379.72	331.71	5.159		
12,900.00	7,254.11	12,905.21	7,245.92	168.88	168.44	-89.73	-1,091.07	-4,557.43	1,712.02	1,374.72	337.30	5.076		
13,000.00	7,254.29	13,005.21	7,246.13	171.67	171.23	-89.73	-1,091.58	-4,657.43	1,712.60	1,369.72	342.88	4.995		
13,100.00	7,254.47	13,105.21	7,246.35	174.47	174.02	-89.73	-1,092.08	-4,757.43	1,713.19	1,364.71	348.47	4.916		
13,200.00	7,254.65	13,205.21	7,246.56	177.27	176.82	-89.73	-1,092.59	-4,857.42	1,713.77	1,359.71	354.07	4.840		
13,300.00	7,254.82	13,305.21	7,246.77	180.07	179.61	-89.73	-1,093.10	-4,957.42	1,714.36	1,354.69	359.67	4.767		
13,400.00	7,255.00	13,405.20	7,246.98	182.87	182.41	-89.73	-1,093.61	-5,057.42	1,714.94	1,349.68	365.27	4.695		
13,500.00	7,255.18	13,505.20	7,247.20	185.67	185.21	-89.73	-1,094.12	-5,157.42	1,715.53	1,344.66	370.87	4.626		
13,600.00	7,255.35	13,605.20	7,247.41	188.48	188.02	-89.74	-1,094.63	-5,257.41	1,716.11	1,339.63	376.48	4.558		
13,700.00	7,255.53	13,705.20	7,247.62	191.29	190.82	-89.74	-1,095.13	-5,357.41	1,716.70	1,334.61	382.10	4.493		
13,800.00	7,255.71	13,805.20	7,247.84	194.10	193.63	-89.74	-1,095.64	-5,457.41	1,717.29	1,329.58	387.71	4.429		
13,900.00	7,255.89	13,905.20	7,248.05	196.91	196.44	-89.74	-1,096.15	-5,557.40	1,717.87	1,324.54	393.33	4.368		
14,000.00	7,256.06	14,005.19	7,248.26	199.72	199.24	-89.74	-1,096.66	-5,657.40	1,718.46	1,319.51	398.95	4.307		
14,100.00	7,256.24	14,105.19	7,248.48	202.53	202.05	-89.74	-1,097.17	-5,757.40	1,719.04	1,314.47	404.57	4.249		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 16C-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		
14,200.00	7,256.42	14,205.19	7,248.69	205.35	204.87	-89.74	-1,097.68	-5,857.39	1,719.63	1,309.43	410.20	4.192		
14,300.00	7,256.59	14,305.19	7,248.90	208.16	207.68	-89.74	-1,098.18	-5,957.39	1,720.21	1,304.38	415.83	4.137		
14,400.00	7,256.77	14,405.19	7,249.11	210.98	210.49	-89.75	-1,098.69	-6,057.39	1,720.80	1,299.34	421.46	4.083		
14,500.00	7,256.95	14,505.19	7,249.33	213.80	213.31	-89.75	-1,099.20	-6,157.38	1,721.38	1,294.29	427.10	4.030		
14,600.00	7,257.13	14,605.18	7,249.54	216.62	216.13	-89.75	-1,099.71	-6,257.38	1,721.97	1,289.24	432.73	3.979		
14,700.00	7,257.30	14,705.18	7,249.75	219.44	218.94	-89.75	-1,100.22	-6,357.38	1,722.56	1,284.19	438.37	3.929		
14,800.00	7,257.48	14,805.18	7,249.97	222.26	221.76	-89.75	-1,100.73	-6,457.37	1,723.14	1,279.13	444.01	3.881		
14,900.00	7,257.66	14,905.18	7,250.18	225.08	224.58	-89.75	-1,101.23	-6,557.37	1,723.73	1,274.07	449.65	3.833		
15,000.00	7,257.83	15,005.18	7,250.39	227.91	227.40	-89.75	-1,101.74	-6,657.37	1,724.31	1,269.02	455.30	3.787		
15,100.00	7,258.01	15,105.18	7,250.61	230.73	230.22	-89.75	-1,102.25	-6,757.36	1,724.90	1,263.95	460.94	3.742		
15,200.00	7,258.19	15,205.17	7,250.82	233.56	233.05	-89.76	-1,102.76	-6,857.36	1,725.48	1,258.89	466.59	3.698		
15,300.00	7,258.37	15,305.17	7,251.03	236.38	235.87	-89.76	-1,103.27	-6,957.36	1,726.07	1,253.83	472.24	3.655		
15,400.00	7,258.54	15,405.17	7,251.24	239.21	238.70	-89.76	-1,103.77	-7,057.35	1,726.66	1,248.76	477.89	3.613		
15,500.00	7,258.72	15,505.17	7,251.46	242.04	241.52	-89.76	-1,104.28	-7,157.35	1,727.24	1,243.70	483.54	3.572		
15,600.00	7,258.90	15,605.17	7,251.67	244.87	244.35	-89.76	-1,104.79	-7,257.35	1,727.83	1,238.63	489.20	3.532		
15,700.00	7,259.08	15,705.16	7,251.88	247.70	247.17	-89.76	-1,105.30	-7,357.34	1,728.41	1,233.56	494.85	3.493		
15,800.00	7,259.25	15,805.16	7,252.10	250.53	250.00	-89.76	-1,105.81	-7,457.34	1,729.00	1,228.49	500.51	3.454		
15,900.00	7,259.43	15,905.16	7,252.31	253.36	252.83	-89.76	-1,106.32	-7,557.34	1,729.58	1,223.41	506.17	3.417		
16,000.00	7,259.61	16,005.16	7,252.52	256.19	255.66	-89.77	-1,106.82	-7,657.33	1,730.17	1,218.34	511.83	3.380		
16,100.00	7,259.78	16,105.16	7,252.74	259.02	258.49	-89.77	-1,107.33	-7,757.33	1,730.75	1,213.26	517.49	3.345		
16,200.00	7,259.96	16,205.16	7,252.95	261.85	261.32	-89.77	-1,107.84	-7,857.33	1,731.34	1,208.19	523.15	3.309		
16,300.00	7,260.14	16,305.15	7,253.16	264.68	264.15	-89.77	-1,108.35	-7,957.32	1,731.93	1,203.11	528.82	3.275		
16,400.00	7,260.32	16,405.15	7,253.37	267.52	266.98	-89.77	-1,108.86	-8,057.32	1,732.51	1,198.03	534.48	3.241		
16,500.00	7,260.49	16,505.15	7,253.59	270.35	269.81	-89.77	-1,109.37	-8,157.32	1,733.10	1,192.95	540.15	3.209		
16,600.00	7,260.67	16,605.15	7,253.80	273.19	272.64	-89.77	-1,109.87	-8,257.31	1,733.68	1,187.87	545.82	3.176		
16,700.00	7,260.85	16,705.15	7,254.01	276.02	275.47	-89.77	-1,110.38	-8,357.31	1,734.27	1,182.78	551.48	3.145		
16,800.00	7,261.02	16,805.15	7,254.23	278.86	278.31	-89.78	-1,110.89	-8,457.31	1,734.85	1,177.70	557.15	3.114		
16,900.00	7,261.20	16,905.14	7,254.44	281.69	281.14	-89.78	-1,111.40	-8,557.30	1,735.44	1,172.62	562.82	3.083		
17,000.00	7,261.38	17,005.14	7,254.65	284.53	283.98	-89.78	-1,111.91	-8,657.30	1,736.02	1,167.53	568.49	3.054		
17,100.00	7,261.56	17,105.14	7,254.87	287.37	286.81	-89.78	-1,112.41	-8,757.30	1,736.61	1,162.44	574.17	3.025		
17,200.00	7,261.73	17,205.14	7,255.08	290.21	289.65	-89.78	-1,112.92	-8,857.30	1,737.20	1,157.36	579.84	2.996		
17,300.00	7,261.91	17,305.14	7,255.29	293.04	292.48	-89.78	-1,113.43	-8,957.29	1,737.78	1,152.27	585.51	2.968		
17,400.00	7,262.09	17,405.14	7,255.50	295.88	295.32	-89.78	-1,113.94	-9,057.29	1,738.37	1,147.18	591.19	2.940		
17,500.00	7,262.26	17,505.13	7,255.72	298.72	298.16	-89.78	-1,114.45	-9,157.29	1,738.95	1,142.09	596.86	2.913		
17,600.00	7,262.44	17,605.13	7,255.93	301.56	300.99	-89.79	-1,114.96	-9,257.28	1,739.54	1,137.00	602.54	2.887		
17,700.00	7,262.62	17,705.13	7,256.14	304.40	303.83	-89.79	-1,115.46	-9,357.28	1,740.12	1,131.91	608.22	2.861		
17,800.00	7,262.80	17,805.13	7,256.36	307.24	306.67	-89.79	-1,115.97	-9,457.28	1,740.71	1,126.81	613.90	2.836		
17,900.00	7,262.97	17,905.13	7,256.57	310.08	309.51	-89.79	-1,116.48	-9,557.27	1,741.29	1,121.72	619.57	2.810		
18,000.00	7,263.15	18,005.13	7,256.78	312.92	312.34	-89.79	-1,116.99	-9,657.27	1,741.88	1,116.63	625.25	2.786		
18,100.00	7,263.33	18,105.12	7,257.00	315.76	315.18	-89.79	-1,117.50	-9,757.27	1,742.47	1,111.53	630.93	2.762		
18,200.00	7,263.50	18,205.12	7,257.21	318.61	318.02	-89.79	-1,118.01	-9,857.26	1,743.05	1,106.44	636.61	2.738		
18,300.00	7,263.68	18,305.12	7,257.42	321.45	320.86	-89.79	-1,118.51	-9,957.26	1,743.64	1,101.34	642.30	2.715		
18,400.00	7,263.86	18,405.12	7,257.63	324.29	323.70	-89.80	-1,119.02	-10,057.26	1,744.22	1,096.24	647.98	2.692		
18,500.00	7,264.04	18,505.12	7,257.85	327.13	326.54	-89.80	-1,119.53	-10,157.25	1,744.81	1,091.15	653.66	2.669		
18,600.00	7,264.21	18,605.11	7,258.06	329.97	329.38	-89.80	-1,120.04	-10,257.25	1,745.39	1,086.05	659.34	2.647		
18,700.00	7,264.39	18,705.11	7,258.27	332.82	332.22	-89.80	-1,120.55	-10,357.25	1,745.98	1,080.95	665.03	2.625		
18,800.00	7,264.57	18,805.11	7,258.49	335.66	335.06	-89.80	-1,121.05	-10,457.24	1,746.56	1,075.85	670.71	2.604		
18,900.00	7,264.74	18,905.11	7,258.70	338.51	337.91	-89.80	-1,121.56	-10,557.24	1,747.15	1,070.75	676.40	2.583		
19,000.00	7,264.92	19,005.11	7,258.91	341.35	340.75	-89.80	-1,122.07	-10,657.24	1,747.74	1,065.65	682.08	2.562		
19,044.52	7,265.00	19,049.63	7,259.01	342.62	342.01	-89.80	-1,122.30	-10,701.76	1,748.00	1,063.38	684.61	2.553 SF		

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<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-179.53	-134.79	-1.11	134.79					
100.00	100.00	100.00	100.00	3.28	3.28	-179.53	-134.79	-1.11	134.79	128.22	6.57	20.518		
200.00	200.00	200.00	200.00	3.34	3.34	-179.53	-134.79	-1.11	134.79	128.12	6.67	20.197 CC, ES		
300.00	299.98	296.88	296.86	3.44	3.44	115.02	-135.91	0.09	136.67	129.79	6.89	19.849		
400.00	399.84	393.56	393.41	3.60	3.58	115.30	-139.25	3.67	142.30	135.10	7.20	19.764		
500.00	499.45	489.82	489.33	3.81	3.77	115.73	-144.78	9.60	151.68	144.07	7.61	19.934		
600.00	598.70	585.47	584.31	4.06	4.00	116.22	-152.45	17.83	164.79	156.69	8.10	20.348		
700.00	697.47	680.32	678.07	4.34	4.26	116.73	-162.19	28.27	181.59	172.93	8.66	20.979		
800.00	795.62	774.18	770.34	4.66	4.56	117.19	-173.90	40.83	202.04	192.77	9.27	21.791		
824.00	819.08	796.54	792.24	4.75	4.64	117.29	-176.99	44.15	207.49	198.06	9.43	22.007		
900.00	893.28	867.01	861.00	5.02	4.89	117.69	-187.51	55.42	225.63	215.70	9.93	22.712		
1,000.00	990.92	958.94	950.09	5.40	5.25	117.65	-202.95	71.98	251.22	240.59	10.64	23.617		
1,100.00	1,088.56	1,053.27	1,040.89	5.80	5.65	117.21	-220.40	90.69	278.36	266.97	11.38	24.455		
1,200.00	1,186.19	1,149.46	1,133.41	6.21	6.08	116.80	-238.33	109.92	305.64	293.47	12.17	25.115		
1,300.00	1,283.83	1,245.64	1,225.94	6.64	6.53	116.47	-256.25	129.14	332.93	319.95	12.99	25.637		
1,400.00	1,381.47	1,341.83	1,318.46	7.08	7.00	116.18	-274.18	148.37	360.24	346.41	13.83	26.052		
1,500.00	1,479.10	1,438.01	1,410.99	7.53	7.47	115.93	-292.11	167.59	387.55	372.86	14.69	26.383		
1,600.00	1,576.74	1,534.20	1,503.51	7.99	7.96	115.72	-310.03	186.82	414.86	399.29	15.57	26.648		
1,700.00	1,674.38	1,630.39	1,596.03	8.45	8.45	115.53	-327.96	206.04	442.18	425.72	16.46	26.862		
1,800.00	1,772.02	1,726.57	1,688.56	8.92	8.95	115.37	-345.89	225.27	469.51	452.14	17.37	27.036		
1,900.00	1,869.65	1,822.76	1,781.08	9.39	9.46	115.22	-363.82	244.49	496.84	478.55	18.28	27.177		
2,000.00	1,967.29	1,918.94	1,873.61	9.87	9.97	115.09	-381.74	263.71	524.17	504.96	19.21	27.292		
2,100.00	2,064.93	2,015.13	1,966.13	10.35	10.49	114.97	-399.67	282.94	551.50	531.36	20.14	27.386		
2,200.00	2,162.56	2,111.32	2,058.66	10.83	11.01	114.86	-417.60	302.16	578.83	557.76	21.08	27.464		
2,300.00	2,260.20	2,207.50	2,151.18	11.32	11.53	114.76	-435.53	321.39	606.17	584.15	22.02	27.528		
2,400.00	2,357.84	2,303.69	2,243.71	11.80	12.06	114.67	-453.45	340.61	633.51	610.54	22.97	27.580		
2,500.00	2,455.48	2,400.13	2,336.23	12.29	12.58	114.59	-471.38	359.84	660.85	636.92	23.92	27.622		
2,600.00	2,553.11	2,503.94	2,428.75	12.78	13.16	114.51	-489.31	379.06	688.19	663.27	24.92	27.614		
2,700.00	2,650.75	2,607.75	2,521.28	13.27	13.73	114.44	-507.24	398.29	715.53	689.61	25.92	27.603		
2,800.00	2,748.39	2,688.43	2,613.80	13.77	14.18	114.38	-525.16	417.51	742.87	716.07	26.81	27.712		
2,900.00	2,846.02	2,784.62	2,706.33	14.26	14.71	114.32	-543.09	436.74	770.22	742.44	27.77	27.732		
3,000.00	2,943.66	2,880.81	2,798.85	14.76	15.25	114.26	-561.02	455.96	797.56	768.82	28.74	27.748		
3,100.00	3,041.30	2,976.99	2,891.38	15.25	15.78	114.21	-578.94	475.19	824.91	795.19	29.72	27.761		
3,200.00	3,138.94	3,073.18	2,983.90	15.75	16.32	114.16	-596.87	494.41	852.25	821.56	30.69	27.771		
3,300.00	3,236.57	3,169.36	3,076.43	16.25	16.86	114.12	-614.80	513.64	879.60	847.93	31.66	27.778		
3,400.00	3,334.21	3,265.55	3,168.95	16.75	17.40	114.07	-632.73	532.86	906.94	874.30	32.64	27.784		
3,500.00	3,431.85	3,361.74	3,261.47	17.25	17.94	114.03	-650.65	552.09	934.29	900.67	33.62	27.788		
3,600.00	3,529.48	3,457.92	3,354.00	17.75	18.48	113.99	-668.58	571.31	961.64	927.04	34.60	27.791		
3,700.00	3,627.12	3,554.11	3,446.52	18.25	19.02	113.96	-686.51	590.53	988.98	953.40	35.58	27.793		
3,800.00	3,724.76	3,650.29	3,539.05	18.75	19.56	113.92	-704.44	609.76	1,016.33	979.77	36.57	27.794		
3,900.00	3,822.40	3,746.48	3,631.57	19.25	20.11	113.89	-722.36	628.98	1,043.68	1,006.13	37.55	27.794		
4,000.00	3,920.03	3,842.67	3,724.10	19.75	20.65	113.86	-740.29	648.21	1,071.03	1,032.49	38.54	27.793		
4,100.00	4,017.67	3,938.85	3,816.62	20.25	21.19	113.83	-758.22	667.43	1,098.38	1,058.86	39.52	27.791		
4,200.00	4,115.31	4,035.04	3,909.15	20.76	21.74	113.80	-776.15	686.66	1,125.73	1,085.22	40.51	27.789		
4,300.00	4,212.94	4,131.22	4,001.67	21.26	22.28	113.78	-794.07	705.88	1,153.08	1,111.58	41.50	27.787		
4,400.00	4,310.58	4,227.41	4,094.20	21.76	22.83	113.75	-812.00	725.11	1,180.43	1,137.94	42.49	27.784		
4,500.00	4,408.22	4,323.60	4,186.72	22.27	23.37	113.73	-829.93	744.33	1,207.78	1,164.30	43.48	27.781		
4,600.00	4,505.86	4,419.78	4,279.24	22.77	23.92	113.70	-847.85	763.56	1,235.13	1,190.66	44.47	27.777		
4,700.00	4,603.49	4,515.97	4,371.77	23.28	24.46	113.68	-865.78	782.78	1,262.48	1,217.02	45.46	27.773		
4,800.00	4,701.13	4,612.15	4,464.29	23.78	25.01	113.66	-883.71	802.01	1,289.83	1,243.38	46.45	27.770		
4,900.00	4,798.77	4,708.34	4,556.82	24.28	25.56	113.64	-901.64	821.23	1,317.18	1,269.74	47.44	27.765		
5,000.00	4,896.40	4,804.53	4,649.34	24.79	26.10	113.62	-919.56	840.46	1,344.53	1,296.10	48.43	27.761		

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

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<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	4,900.71	4,741.87	25.30	26.65	113.60	-937.49	859.68	1,371.88	1,322.45	49.42	27.757		
5,200.00	5,091.68	5,003.10	4,834.39	25.80	27.23	113.59	-955.42	878.91	1,399.23	1,348.78	50.45	27.734		
5,300.00	5,189.32	5,106.92	4,926.92	26.31	27.82	113.57	-973.35	898.13	1,426.58	1,375.09	51.49	27.708		
5,400.00	5,286.95	5,189.27	5,019.44	26.81	28.29	113.55	-991.27	917.35	1,453.93	1,401.52	52.41	27.743		
5,500.00	5,384.59	5,285.46	5,111.96	27.32	28.84	113.54	-1,009.20	936.58	1,481.28	1,427.88	53.40	27.739		
5,600.00	5,482.23	5,381.64	5,204.49	27.82	29.39	113.52	-1,027.13	955.80	1,508.63	1,454.24	54.40	27.734		
5,700.00	5,579.87	5,477.83	5,297.01	28.33	29.93	113.51	-1,045.06	975.03	1,535.98	1,480.59	55.39	27.730		
5,800.00	5,677.50	5,574.01	5,389.54	28.84	30.48	113.49	-1,062.98	994.25	1,563.34	1,506.95	56.39	27.725		
5,900.00	5,775.14	5,670.20	5,482.06	29.34	31.03	113.48	-1,080.91	1,013.48	1,590.69	1,533.30	57.38	27.720		
6,000.00	5,872.78	5,766.39	5,574.59	29.85	31.58	113.46	-1,098.84	1,032.70	1,618.04	1,559.66	58.38	27.716		
6,100.00	5,970.41	5,862.57	5,667.11	30.36	32.13	113.45	-1,116.76	1,051.93	1,645.39	1,586.01	59.38	27.711		
6,200.00	6,068.05	5,958.76	5,759.64	30.86	32.68	113.44	-1,134.69	1,071.15	1,672.74	1,612.37	60.37	27.706		
6,300.00	6,165.69	6,054.95	5,852.16	31.37	33.23	113.43	-1,152.62	1,090.38	1,700.09	1,638.72	61.37	27.702		
6,400.00	6,263.33	6,151.13	5,944.68	31.88	33.77	113.41	-1,170.55	1,109.60	1,727.45	1,665.08	62.37	27.697		
6,500.00	6,360.96	6,247.32	6,037.21	32.38	34.32	113.40	-1,188.47	1,128.83	1,754.80	1,691.43	63.37	27.693		
6,600.00	6,458.60	6,343.50	6,129.73	32.89	34.87	113.39	-1,206.40	1,148.05	1,782.15	1,717.79	64.37	27.688		
6,628.42	6,486.35	6,370.84	6,156.03	33.04	35.03	113.39	-1,211.50	1,153.52	1,789.92	1,725.28	64.65	27.687		
6,650.00	6,507.49	6,408.41	6,175.99	33.14	35.24	118.24	-1,215.36	1,157.66	1,795.84	1,730.88	64.95	27.649		
6,700.00	6,556.88	6,439.50	6,222.08	33.37	35.42	137.12	-1,224.29	1,167.24	1,809.57	1,744.24	65.33	27.699		
6,750.00	6,606.60	6,486.95	6,267.72	33.58	35.69	176.77	-1,233.14	1,176.72	1,823.33	1,757.56	65.77	27.725		
6,800.00	6,656.35	6,533.63	6,312.62	33.76	35.96	-140.01	-1,241.84	1,186.05	1,837.06	1,770.89	66.17	27.762		
6,850.00	6,705.83	6,579.00	6,356.52	33.94	36.20	-118.60	-1,250.33	1,193.64	1,850.75	1,784.21	66.55	27.811		
6,900.00	6,754.72	6,625.21	6,401.68	34.12	36.43	-108.26	-1,259.06	1,198.09	1,864.37	1,797.45	66.92	27.860		
6,950.00	6,802.72	6,672.45	6,448.04	34.31	36.63	-102.30	-1,267.99	1,199.17	1,877.82	1,810.53	67.29	27.906		
7,000.00	6,849.54	6,720.82	6,495.47	34.50	36.80	-98.35	-1,277.10	1,196.64	1,891.05	1,823.37	67.67	27.945		
7,050.00	6,894.89	6,770.46	6,543.80	34.71	36.96	-95.50	-1,286.37	1,190.25	1,903.95	1,835.88	68.07	27.971		
7,100.00	6,938.49	6,821.50	6,592.84	34.93	37.11	-93.31	-1,295.75	1,179.70	1,916.47	1,847.97	68.49	27.980		
7,150.00	6,980.07	6,874.08	6,642.32	35.17	37.25	-91.57	-1,305.19	1,164.69	1,928.51	1,859.55	68.96	27.966		
7,200.00	7,019.38	6,928.34	6,691.94	35.43	37.40	-90.15	-1,314.62	1,144.89	1,940.00	1,870.54	69.47	27.927		
7,250.00	7,056.17	6,984.41	6,741.28	35.71	37.56	-88.98	-1,323.98	1,120.00	1,950.86	1,880.83	70.03	27.857		
7,300.00	7,090.21	7,042.40	6,789.85	36.03	37.74	-88.01	-1,333.15	1,089.71	1,961.02	1,890.36	70.66	27.755		
7,350.00	7,121.30	7,102.41	6,837.05	36.37	37.94	-87.21	-1,342.02	1,053.77	1,970.37	1,899.02	71.35	27.615		
7,400.00	7,149.25	7,164.49	6,882.16	36.75	38.19	-86.55	-1,350.46	1,012.01	1,978.86	1,906.73	72.14	27.432		
7,450.00	7,173.87	7,228.66	6,924.37	37.17	38.47	-86.02	-1,358.31	964.35	1,986.40	1,913.38	73.02	27.204		
7,500.00	7,195.03	7,294.85	6,962.76	37.62	38.81	-85.60	-1,365.38	910.92	1,992.92	1,918.92	74.01	26.928		
7,550.00	7,212.58	7,362.97	6,996.35	38.11	39.22	-85.29	-1,371.50	852.03	1,998.35	1,923.23	75.12	26.601		
7,600.00	7,226.43	7,432.79	7,024.18	38.64	39.72	-85.06	-1,376.48	788.23	2,002.63	1,926.27	76.36	26.225		
7,650.00	7,236.48	7,504.03	7,045.34	39.20	40.30	-84.92	-1,380.16	720.34	2,005.70	1,927.98	77.73	25.805		
7,700.00	7,242.68	7,576.34	7,059.07	39.79	40.97	-84.85	-1,382.38	649.42	2,007.53	1,928.33	79.20	25.347		
7,753.32	7,245.00	7,654.14	7,064.93	40.44	41.77	-84.85	-1,383.05	571.89	2,008.08	1,927.22	80.86	24.835		
7,800.00	7,245.08	7,703.27	7,065.14	41.04	42.32	-84.86	-1,382.80	522.76	2,007.87	1,925.77	82.10	24.456		
7,900.00	7,245.26	7,803.26	7,065.48	42.43	43.57	-84.86	-1,382.28	422.77	2,007.41	1,922.49	84.91	23.641		
8,000.00	7,245.43	7,903.26	7,065.83	43.97	44.99	-84.87	-1,381.75	322.77	2,006.95	1,918.94	88.01	22.803		
8,100.00	7,245.61	8,003.26	7,066.17	45.64	46.55	-84.87	-1,381.23	222.77	2,006.49	1,915.13	91.36	21.963		
8,200.00	7,245.79	8,103.26	7,066.52	47.42	48.25	-84.87	-1,380.70	122.78	2,006.03	1,911.10	94.93	21.132		
8,300.00	7,245.97	8,203.26	7,066.86	49.30	50.06	-84.88	-1,380.18	22.78	2,005.57	1,906.87	98.70	20.320		
8,400.00	7,246.14	8,303.26	7,067.20	51.28	51.98	-84.88	-1,379.66	-77.22	2,005.11	1,902.46	102.65	19.534		
8,500.00	7,246.32	8,403.26	7,067.55	53.34	53.99	-84.88	-1,379.13	-177.21	2,004.65	1,897.89	106.76	18.778		
8,600.00	7,246.50	8,503.26	7,067.89	55.46	56.08	-84.89	-1,378.61	-277.21	2,004.19	1,893.18	111.01	18.055		
8,700.00	7,246.67	8,603.25	7,068.23	57.66	58.23	-84.89	-1,378.08	-377.21	2,003.73	1,888.35	115.38	17.366		
8,800.00	7,246.85	8,703.25	7,068.58	59.90	60.45	-84.89	-1,377.56	-477.20	2,003.27	1,883.40	119.86	16.713		
8,900.00	7,247.03	8,803.25	7,068.92	62.20	62.73	-84.90	-1,377.03	-577.20	2,002.81	1,878.36	124.45	16.093		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	8,903.25	7,069.26	64.55	65.05	-84.90	-1,376.51	-677.20	2,002.35	1,873.22	129.12	15.507		
9,100.00	7,247.38	9,003.25	7,069.61	66.93	67.42	-84.90	-1,375.98	-777.19	2,001.89	1,868.01	133.88	14.953		
9,200.00	7,247.56	9,103.25	7,069.95	69.35	69.82	-84.91	-1,375.46	-877.19	2,001.43	1,862.72	138.70	14.430		
9,300.00	7,247.74	9,203.25	7,070.30	71.80	72.26	-84.91	-1,374.93	-977.19	2,000.97	1,857.37	143.59	13.935		
9,400.00	7,247.91	9,303.25	7,070.64	74.29	74.73	-84.92	-1,374.41	-1,077.19	2,000.51	1,851.97	148.54	13.468		
9,500.00	7,248.09	9,403.25	7,070.98	76.79	77.23	-84.92	-1,373.89	-1,177.18	2,000.05	1,846.51	153.54	13.026		
9,600.00	7,248.27	9,503.24	7,071.33	79.33	79.75	-84.92	-1,373.36	-1,277.18	1,999.59	1,841.00	158.59	12.609		
9,700.00	7,248.45	9,603.24	7,071.67	81.88	82.30	-84.93	-1,372.84	-1,377.18	1,999.13	1,835.45	163.68	12.214		
9,800.00	7,248.62	9,703.24	7,072.01	84.45	84.87	-84.93	-1,372.31	-1,477.17	1,998.67	1,829.86	168.81	11.840		
9,900.00	7,248.80	9,803.24	7,072.36	87.04	87.45	-84.93	-1,371.79	-1,577.17	1,998.21	1,824.23	173.97	11.486		
10,000.00	7,248.98	9,903.24	7,072.70	89.65	90.05	-84.94	-1,371.26	-1,677.17	1,997.75	1,818.58	179.17	11.150		
10,100.00	7,249.15	10,003.24	7,073.05	92.28	92.67	-84.94	-1,370.74	-1,777.16	1,997.29	1,812.89	184.40	10.832		
10,200.00	7,249.33	10,103.24	7,073.39	94.91	95.30	-84.94	-1,370.21	-1,877.16	1,996.83	1,807.18	189.65	10.529		
10,300.00	7,249.51	10,203.24	7,073.73	97.56	97.95	-84.95	-1,369.69	-1,977.16	1,996.37	1,801.44	194.93	10.241		
10,400.00	7,249.69	10,303.24	7,074.08	100.22	100.61	-84.95	-1,369.17	-2,077.15	1,995.91	1,795.67	200.23	9.968		
10,500.00	7,249.86	10,403.23	7,074.42	102.89	103.27	-84.96	-1,368.64	-2,177.15	1,995.45	1,789.89	205.56	9.707		
10,600.00	7,250.04	10,503.23	7,074.76	105.57	105.95	-84.96	-1,368.12	-2,277.15	1,994.99	1,784.08	210.90	9.459		
10,700.00	7,250.22	10,603.23	7,075.11	108.27	108.64	-84.96	-1,367.59	-2,377.15	1,994.53	1,778.26	216.26	9.223		
10,800.00	7,250.39	10,703.23	7,075.45	110.96	111.34	-84.97	-1,367.07	-2,477.14	1,994.07	1,772.42	221.64	8.997		
10,900.00	7,250.57	10,803.23	7,075.79	113.67	114.04	-84.97	-1,366.54	-2,577.14	1,993.61	1,766.57	227.04	8.781		
11,000.00	7,250.75	10,903.23	7,076.14	116.39	116.76	-84.97	-1,366.02	-2,677.14	1,993.15	1,760.70	232.45	8.575		
11,100.00	7,250.93	11,003.23	7,076.48	119.11	119.48	-84.98	-1,365.49	-2,777.13	1,992.69	1,754.81	237.87	8.377		
11,200.00	7,251.10	11,103.23	7,076.83	121.83	122.20	-84.98	-1,364.97	-2,877.13	1,992.23	1,748.92	243.31	8.188		
11,300.00	7,251.28	11,203.23	7,077.17	124.57	124.93	-84.98	-1,364.45	-2,977.13	1,991.77	1,743.01	248.76	8.007		
11,400.00	7,251.46	11,303.22	7,077.51	127.31	127.67	-84.99	-1,363.92	-3,077.12	1,991.31	1,737.09	254.22	7.833		
11,500.00	7,251.63	11,403.22	7,077.86	130.05	130.42	-84.99	-1,363.40	-3,177.12	1,990.85	1,731.16	259.69	7.666		
11,600.00	7,251.81	11,503.22	7,078.20	132.80	133.16	-85.00	-1,362.87	-3,277.12	1,990.39	1,725.22	265.17	7.506		
11,700.00	7,251.99	11,603.22	7,078.54	135.55	135.92	-85.00	-1,362.35	-3,377.11	1,989.93	1,719.27	270.66	7.352		
11,800.00	7,252.17	11,703.22	7,078.89	138.31	138.68	-85.00	-1,361.82	-3,477.11	1,989.47	1,713.31	276.15	7.204		
11,900.00	7,252.34	11,803.22	7,079.23	141.07	141.44	-85.01	-1,361.30	-3,577.11	1,989.01	1,707.35	281.66	7.062		
12,000.00	7,252.52	11,903.22	7,079.58	143.84	144.20	-85.01	-1,360.77	-3,677.10	1,988.55	1,701.37	287.17	6.925		
12,100.00	7,252.70	12,003.22	7,079.92	146.61	146.97	-85.01	-1,360.25	-3,777.10	1,988.09	1,695.39	292.70	6.792		
12,200.00	7,252.87	12,103.22	7,080.26	149.38	149.74	-85.02	-1,359.72	-3,877.10	1,987.63	1,689.40	298.22	6.665		
12,300.00	7,253.05	12,203.21	7,080.61	152.16	152.52	-85.02	-1,359.20	-3,977.10	1,987.17	1,683.41	303.76	6.542		
12,400.00	7,253.23	12,303.21	7,080.95	154.94	155.30	-85.02	-1,358.68	-4,077.09	1,986.71	1,677.41	309.30	6.423		
12,500.00	7,253.41	12,403.21	7,081.29	157.72	158.08	-85.03	-1,358.15	-4,177.09	1,986.25	1,671.40	314.85	6.309		
12,600.00	7,253.58	12,503.21	7,081.64	160.51	160.87	-85.03	-1,357.63	-4,277.09	1,985.79	1,665.39	320.40	6.198		
12,700.00	7,253.76	12,603.21	7,081.98	163.29	163.66	-85.04	-1,357.10	-4,377.08	1,985.33	1,659.37	325.95	6.091		
12,800.00	7,253.94	12,703.21	7,082.33	166.08	166.45	-85.04	-1,356.58	-4,477.08	1,984.87	1,653.35	331.52	5.987		
12,900.00	7,254.11	12,803.21	7,082.67	168.88	169.24	-85.04	-1,356.05	-4,577.08	1,984.41	1,647.33	337.08	5.887		
13,000.00	7,254.29	12,903.21	7,083.01	171.67	172.03	-85.05	-1,355.53	-4,677.07	1,983.95	1,641.29	342.66	5.790		
13,100.00	7,254.47	13,003.20	7,083.36	174.47	174.83	-85.05	-1,355.00	-4,777.07	1,983.49	1,635.26	348.23	5.696		
13,200.00	7,254.65	13,103.20	7,083.70	177.27	177.63	-85.05	-1,354.48	-4,877.07	1,983.03	1,629.22	353.81	5.605		
13,300.00	7,254.82	13,203.20	7,084.04	180.07	180.43	-85.06	-1,353.96	-4,977.06	1,982.57	1,623.18	359.40	5.516		
13,400.00	7,255.00	13,303.20	7,084.39	182.87	183.23	-85.06	-1,353.43	-5,077.06	1,982.11	1,617.13	364.98	5.431		
13,500.00	7,255.18	13,403.20	7,084.73	185.67	186.04	-85.07	-1,352.91	-5,177.06	1,981.65	1,611.08	370.57	5.348		
13,600.00	7,255.35	13,503.20	7,085.07	188.48	188.85	-85.07	-1,352.38	-5,277.06	1,981.19	1,605.02	376.17	5.267		
13,700.00	7,255.53	13,603.20	7,085.42	191.29	191.65	-85.07	-1,351.86	-5,377.05	1,980.73	1,598.97	381.77	5.188		
13,800.00	7,255.71	13,703.20	7,085.76	194.10	194.46	-85.08	-1,351.33	-5,477.05	1,980.27	1,592.90	387.37	5.112		
13,900.00	7,255.89	13,803.20	7,086.11	196.91	197.27	-85.08	-1,350.81	-5,577.05	1,979.81	1,586.84	392.97	5.038		
14,000.00	7,256.06	13,903.19	7,086.45	199.72	200.09	-85.08	-1,350.28	-5,677.04	1,979.35	1,580.77	398.58	4.966		
14,100.00	7,256.24	14,003.19	7,086.79	202.53	202.90	-85.09	-1,349.76	-5,777.04	1,978.89	1,574.70	404.19	4.896		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	14,103.19	7,087.14	205.35	205.72	-85.09	-1,349.23	-5,877.04	1,978.43	1,568.63	409.80	4.828		
14,300.00	7,256.59	14,203.19	7,087.48	208.16	208.53	-85.09	-1,348.71	-5,977.03	1,977.97	1,562.56	415.42	4.761		
14,400.00	7,256.77	14,303.19	7,087.82	210.98	211.35	-85.10	-1,348.19	-6,077.03	1,977.51	1,556.48	421.03	4.697		
14,500.00	7,256.95	14,403.19	7,088.17	213.80	214.17	-85.10	-1,347.66	-6,177.03	1,977.05	1,550.40	426.65	4.634		
14,600.00	7,257.13	14,503.19	7,088.51	216.62	216.99	-85.11	-1,347.14	-6,277.02	1,976.60	1,544.32	432.28	4.573		
14,700.00	7,257.30	14,603.19	7,088.86	219.44	219.81	-85.11	-1,346.61	-6,377.02	1,976.14	1,538.24	437.90	4.513		
14,800.00	7,257.48	14,703.19	7,089.20	222.26	222.63	-85.11	-1,346.09	-6,477.02	1,975.68	1,532.15	443.53	4.454		
14,900.00	7,257.66	14,803.18	7,089.54	225.08	225.46	-85.12	-1,345.56	-6,577.01	1,975.22	1,526.06	449.15	4.398		
15,000.00	7,257.83	14,903.18	7,089.89	227.91	228.28	-85.12	-1,345.04	-6,677.01	1,974.76	1,519.97	454.78	4.342		
15,100.00	7,258.01	15,003.18	7,090.23	230.73	231.11	-85.12	-1,344.51	-6,777.01	1,974.30	1,513.88	460.42	4.288		
15,200.00	7,258.19	15,103.18	7,090.57	233.56	233.93	-85.13	-1,343.99	-6,877.01	1,973.84	1,507.79	466.05	4.235		
15,300.00	7,258.37	15,203.18	7,090.92	236.38	236.76	-85.13	-1,343.47	-6,977.00	1,973.38	1,501.69	471.69	4.184		
15,346.39	7,258.45	15,240.51	7,091.05	237.69	237.81	-85.13	-1,343.30	-7,014.33	1,973.22	1,499.18	474.04	4.163		
15,400.00	7,258.54	15,272.30	7,091.16	239.21	238.71	-85.14	-1,343.46	-7,046.12	1,973.51	1,497.12	476.39	4.143		
15,500.00	7,258.72	15,335.01	7,091.38	242.04	240.48	-85.14	-1,344.79	-7,108.81	1,975.64	1,494.89	480.75	4.110		
15,600.00	7,258.90	15,434.96	7,091.73	244.87	243.29	-85.15	-1,347.73	-7,208.73	1,978.63	1,492.26	486.38	4.068		
15,700.00	7,259.08	15,534.92	7,092.08	247.70	246.10	-85.17	-1,350.67	-7,308.64	1,981.63	1,489.62	492.01	4.028		
15,800.00	7,259.25	15,634.87	7,092.43	250.53	248.91	-85.18	-1,353.60	-7,408.55	1,984.62	1,486.98	497.64	3.988		
15,900.00	7,259.43	15,734.83	7,092.78	253.36	251.73	-85.19	-1,356.54	-7,508.46	1,987.61	1,484.33	503.28	3.949		
16,000.00	7,259.61	15,834.78	7,093.13	256.19	254.54	-85.20	-1,359.48	-7,608.37	1,990.60	1,481.69	508.91	3.911		
16,100.00	7,259.78	15,934.74	7,093.48	259.02	257.36	-85.22	-1,362.42	-7,708.28	1,993.60	1,479.05	514.55	3.874		
16,200.00	7,259.96	16,034.69	7,093.84	261.85	260.18	-85.23	-1,365.36	-7,808.19	1,996.59	1,476.40	520.19	3.838		
16,300.00	7,260.14	16,134.64	7,094.19	264.68	262.99	-85.24	-1,368.30	-7,908.10	1,999.58	1,473.75	525.83	3.803		
16,400.00	7,260.32	16,234.60	7,094.54	267.52	265.81	-85.25	-1,371.24	-8,008.01	2,002.58	1,471.10	531.47	3.768		
16,500.00	7,260.49	16,334.55	7,094.89	270.35	268.63	-85.26	-1,374.18	-8,107.92	2,005.57	1,468.45	537.12	3.734		
16,600.00	7,260.67	16,434.51	7,095.24	273.19	271.45	-85.28	-1,377.12	-8,207.83	2,008.56	1,465.80	542.76	3.701		
16,700.00	7,260.85	16,534.46	7,095.59	276.02	274.27	-85.29	-1,380.06	-8,307.74	2,011.56	1,463.15	548.41	3.668		
16,800.00	7,261.02	16,634.42	7,095.95	278.86	277.09	-85.30	-1,383.00	-8,407.65	2,014.55	1,460.50	554.05	3.636		
16,900.00	7,261.20	16,734.37	7,096.30	281.69	279.91	-85.31	-1,385.94	-8,507.56	2,017.54	1,457.84	559.70	3.605		
17,000.00	7,261.38	16,834.32	7,096.65	284.53	282.73	-85.32	-1,388.88	-8,607.47	2,020.54	1,455.19	565.35	3.574		
17,100.00	7,261.56	16,934.28	7,097.00	287.37	285.55	-85.34	-1,391.81	-8,707.38	2,023.53	1,452.53	571.00	3.544		
17,200.00	7,261.73	17,034.23	7,097.35	290.21	288.37	-85.35	-1,394.75	-8,807.29	2,026.53	1,449.87	576.65	3.514		
17,300.00	7,261.91	17,134.19	7,097.70	293.04	291.20	-85.36	-1,397.69	-8,907.20	2,029.52	1,447.21	582.30	3.485		
17,400.00	7,262.09	17,234.14	7,098.05	295.88	294.02	-85.37	-1,400.63	-9,007.11	2,032.51	1,444.56	587.96	3.457		
17,500.00	7,262.26	17,334.10	7,098.41	298.72	296.85	-85.38	-1,403.57	-9,107.02	2,035.51	1,441.90	593.61	3.429		
17,600.00	7,262.44	17,434.05	7,098.76	301.56	299.67	-85.40	-1,406.51	-9,206.93	2,038.50	1,439.23	599.27	3.402		
17,700.00	7,262.62	17,534.00	7,099.11	304.40	302.49	-85.41	-1,409.45	-9,306.84	2,041.50	1,436.57	604.92	3.375		
17,800.00	7,262.80	17,633.96	7,099.46	307.24	305.32	-85.42	-1,412.39	-9,406.76	2,044.49	1,433.91	610.58	3.348		
17,900.00	7,262.97	17,733.91	7,099.81	310.08	308.15	-85.43	-1,415.33	-9,506.67	2,047.48	1,431.25	616.24	3.323		
18,000.00	7,263.15	17,833.87	7,100.16	312.92	310.97	-85.44	-1,418.27	-9,606.58	2,050.48	1,428.58	621.90	3.297		
18,100.00	7,263.33	17,933.82	7,100.52	315.76	313.80	-85.45	-1,421.21	-9,706.49	2,053.47	1,425.92	627.56	3.272		
18,200.00	7,263.50	18,033.78	7,100.87	318.61	316.63	-85.47	-1,424.15	-9,806.40	2,056.47	1,423.25	633.22	3.248		
18,300.00	7,263.68	18,133.73	7,101.22	321.45	319.45	-85.48	-1,427.09	-9,906.31	2,059.46	1,420.58	638.88	3.224		
18,400.00	7,263.86	18,233.68	7,101.57	324.29	322.28	-85.49	-1,430.02	-10,006.22	2,062.46	1,417.92	644.54	3.200		
18,500.00	7,264.04	18,333.64	7,101.92	327.13	325.11	-85.50	-1,432.96	-10,106.13	2,065.45	1,415.25	650.20	3.177		
18,600.00	7,264.21	18,433.59	7,102.27	329.97	327.94	-85.51	-1,435.90	-10,206.04	2,068.45	1,412.58	655.87	3.154		
18,700.00	7,264.39	18,533.55	7,102.63	332.82	330.77	-85.52	-1,438.84	-10,305.95	2,071.44	1,409.91	661.53	3.131		
18,800.00	7,264.57	18,633.50	7,102.98	335.66	333.59	-85.53	-1,441.78	-10,405.86	2,074.44	1,407.24	667.20	3.109		
18,900.00	7,264.74	18,733.46	7,103.33	338.51	336.42	-85.54	-1,444.72	-10,505.77	2,077.43	1,404.57	672.86	3.087		
19,000.00	7,264.92	18,833.41	7,103.68	341.35	339.25	-85.56	-1,447.66	-10,605.68	2,080.43	1,401.90	678.53	3.066		
19,044.52	7,265.00	18,877.91	7,103.84	342.62	340.51	-85.56	-1,448.97	-10,650.16	2,081.76	1,400.71	681.05	3.057 SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-179.51	-194.90	-1.67	194.90					
100.00	100.00	100.00	100.00	3.28	3.28	-179.51	-194.90	-1.67	194.90	188.33	6.57	29.668		
200.00	200.00	200.00	200.00	3.34	3.34	-179.51	-194.90	-1.67	194.90	188.23	6.67	29.203 CC, ES		
300.00	299.98	294.65	294.63	3.44	3.43	115.07	-196.19	-0.79	197.00	190.12	6.88	28.615		
400.00	399.84	389.03	388.89	3.60	3.57	115.47	-200.06	1.82	203.29	196.09	7.20	28.239		
500.00	499.45	482.88	482.43	3.81	3.76	116.07	-206.46	6.15	213.79	206.18	7.61	28.104		
600.00	598.70	575.95	574.88	4.06	3.98	116.81	-215.30	12.13	228.47	220.38	8.09	28.233		
700.00	697.47	667.99	665.92	4.34	4.22	117.59	-226.50	19.69	247.33	238.69	8.64	28.622		
800.00	795.62	758.78	755.24	4.66	4.51	118.36	-239.90	28.75	270.33	261.09	9.24	29.248		
824.00	819.08	780.35	776.39	4.75	4.58	118.54	-243.43	31.14	276.46	267.07	9.40	29.425		
900.00	893.28	848.26	842.74	5.02	4.82	119.29	-255.40	39.23	296.93	287.05	9.88	30.045		
1,000.00	990.92	936.67	928.58	5.40	5.15	119.83	-272.94	51.08	325.90	315.35	10.55	30.880		
1,100.00	1,088.56	1,023.87	1,012.56	5.80	5.52	119.99	-292.37	64.22	357.09	345.84	11.25	31.740		
1,200.00	1,186.19	1,109.74	1,094.52	6.21	5.90	119.85	-313.57	78.54	390.42	378.45	11.97	32.630		
1,300.00	1,283.83	1,206.51	1,173.70	6.64	6.37	119.50	-336.19	93.83	425.86	413.11	12.75	33.410		
1,400.00	1,381.47	1,286.47	1,261.07	7.08	6.78	119.03	-362.54	111.64	462.50	449.01	13.49	34.282		
1,500.00	1,479.10	1,379.45	1,348.45	7.53	7.27	118.63	-388.89	129.45	499.16	484.85	14.32	34.863		
1,600.00	1,576.74	1,472.44	1,435.82	7.99	7.78	118.29	-415.23	147.26	535.85	520.68	15.17	35.334		
1,700.00	1,674.38	1,565.42	1,523.20	8.45	8.30	117.98	-441.58	165.07	572.54	556.51	16.03	35.716		
1,800.00	1,772.02	1,658.41	1,610.58	8.92	8.83	117.72	-467.93	182.88	609.25	592.34	16.91	36.029		
1,900.00	1,869.65	1,751.39	1,697.95	9.39	9.36	117.49	-494.28	200.69	645.97	628.17	17.80	36.286		
2,000.00	1,967.29	1,844.37	1,785.33	9.87	9.91	117.28	-520.63	218.49	682.70	664.00	18.71	36.498		
2,100.00	2,064.93	1,937.36	1,872.70	10.35	10.46	117.09	-546.97	236.30	719.44	699.82	19.62	36.673		
2,200.00	2,162.56	2,030.34	1,960.08	10.83	11.01	116.92	-573.32	254.11	756.18	735.64	20.54	36.819		
2,300.00	2,260.20	2,123.32	2,047.45	11.32	11.57	116.76	-599.67	271.92	792.93	771.46	21.47	36.940		
2,400.00	2,357.84	2,216.31	2,134.83	11.80	12.13	116.62	-626.02	289.73	829.68	807.28	22.40	37.041		
2,500.00	2,455.48	2,309.29	2,222.21	12.29	12.70	116.49	-652.37	307.54	866.43	843.10	23.34	37.126		
2,600.00	2,553.11	2,402.27	2,309.58	12.78	13.27	116.38	-678.71	325.35	903.19	878.91	24.28	37.197		
2,700.00	2,650.75	2,504.74	2,396.96	13.27	13.90	116.27	-705.06	343.16	939.95	914.67	25.28	37.181		
2,800.00	2,748.39	2,588.24	2,484.33	13.77	14.41	116.17	-731.41	360.97	976.72	950.54	26.18	37.307		
2,900.00	2,846.02	2,681.22	2,571.71	14.26	14.98	116.07	-757.76	378.77	1,013.49	986.35	27.14	37.348		
3,000.00	2,943.66	2,774.21	2,659.09	14.76	15.56	115.99	-784.11	396.58	1,050.26	1,022.16	28.09	37.384		
3,100.00	3,041.30	2,867.19	2,746.46	15.25	16.14	115.91	-810.46	414.39	1,087.03	1,057.97	29.05	37.413		
3,200.00	3,138.94	2,960.17	2,833.84	15.75	16.72	115.83	-836.80	432.20	1,123.80	1,093.78	30.02	37.437		
3,300.00	3,236.57	3,053.16	2,921.21	16.25	17.30	115.76	-863.15	450.01	1,160.57	1,129.59	30.98	37.457		
3,400.00	3,334.21	3,146.14	3,008.59	16.75	17.88	115.69	-889.50	467.82	1,197.35	1,165.40	31.95	37.474		
3,500.00	3,431.85	3,239.12	3,095.96	17.25	18.46	115.63	-915.85	485.63	1,234.13	1,201.21	32.92	37.488		
3,600.00	3,529.48	3,332.11	3,183.34	17.75	19.04	115.57	-942.20	503.44	1,270.91	1,237.01	33.89	37.499		
3,700.00	3,627.12	3,425.09	3,270.72	18.25	19.63	115.52	-968.54	521.24	1,307.69	1,272.82	34.86	37.507		
3,800.00	3,724.76	3,518.07	3,358.09	18.75	20.21	115.46	-994.89	539.05	1,344.47	1,308.63	35.84	37.514		
3,900.00	3,822.40	3,611.06	3,445.47	19.25	20.80	115.41	-1,021.24	556.86	1,381.25	1,344.43	36.81	37.519		
4,000.00	3,920.03	3,704.04	3,532.84	19.75	21.38	115.37	-1,047.59	574.67	1,418.03	1,380.24	37.79	37.522		
4,100.00	4,017.67	3,802.98	3,620.22	20.25	22.01	115.32	-1,073.94	592.48	1,454.81	1,416.01	38.80	37.493		
4,200.00	4,115.31	3,909.99	3,707.60	20.76	22.68	115.28	-1,100.28	610.29	1,491.60	1,451.74	39.86	37.421		
4,300.00	4,212.94	3,982.99	3,794.97	21.26	23.14	115.24	-1,126.63	628.10	1,528.38	1,487.65	40.73	37.526		
4,400.00	4,310.58	4,075.97	3,882.35	21.76	23.73	115.20	-1,152.98	645.91	1,565.17	1,523.46	41.71	37.525		
4,500.00	4,408.22	4,168.96	3,969.72	22.27	24.32	115.16	-1,179.33	663.72	1,601.95	1,559.26	42.69	37.524		
4,600.00	4,505.86	4,261.94	4,057.10	22.77	24.91	115.13	-1,205.68	681.52	1,638.74	1,595.06	43.67	37.522		
4,700.00	4,603.49	4,354.92	4,144.47	23.28	25.50	115.09	-1,232.03	699.33	1,675.52	1,630.87	44.66	37.519		
4,800.00	4,701.13	4,447.91	4,231.85	23.78	26.09	115.06	-1,258.37	717.14	1,712.31	1,666.67	45.64	37.516		
4,900.00	4,798.77	4,540.89	4,319.23	24.28	26.68	115.03	-1,284.72	734.95	1,749.10	1,702.47	46.63	37.513		
5,000.00	4,896.40	4,633.87	4,406.60	24.79	27.27	115.00	-1,311.07	752.76	1,785.89	1,738.28	47.61	37.509		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	4,726.86	4,493.98	25.30	27.86	114.97	-1,337.42	770.57	1,822.68	1,774.08	48.60	37.505		
5,200.00	5,091.68	4,819.84	4,581.35	25.80	28.45	114.95	-1,363.77	788.38	1,859.46	1,809.88	49.58	37.501		
5,300.00	5,189.32	4,912.82	4,668.73	26.31	29.04	114.92	-1,390.11	806.19	1,896.25	1,845.68	50.57	37.496		
5,400.00	5,286.95	5,005.81	4,756.11	26.81	29.63	114.89	-1,416.46	824.00	1,933.04	1,881.48	51.56	37.491		
5,500.00	5,384.59	5,098.79	4,843.48	27.32	30.22	114.87	-1,442.81	841.80	1,969.83	1,917.29	52.55	37.486		
5,600.00	5,482.23	5,191.77	4,930.86	27.82	30.81	114.85	-1,469.16	859.61	2,006.62	1,953.09	53.54	37.481		
5,700.00	5,579.87	5,284.76	5,018.23	28.33	31.40	114.82	-1,495.51	877.42	2,043.41	1,988.89	54.53	37.476		
5,800.00	5,677.50	5,377.74	5,105.61	28.84	31.99	114.80	-1,521.85	895.23	2,080.21	2,024.69	55.52	37.470		
5,900.00	5,775.14	5,470.72	5,192.98	29.34	32.58	114.78	-1,548.20	913.04	2,117.00	2,060.49	56.51	37.465		
6,000.00	5,872.78	5,563.71	5,280.36	29.85	33.18	114.76	-1,574.55	930.85	2,153.79	2,096.29	57.50	37.459		
6,100.00	5,970.41	5,656.69	5,367.74	30.36	33.77	114.74	-1,600.90	948.66	2,190.58	2,132.09	58.49	37.454		
6,200.00	6,068.05	5,749.68	5,455.11	30.86	34.36	114.72	-1,627.25	966.47	2,227.37	2,167.89	59.48	37.448		
6,300.00	6,165.69	5,842.66	5,542.49	31.37	34.95	114.70	-1,653.60	984.28	2,264.16	2,203.69	60.47	37.442		
6,400.00	6,263.33	5,935.64	5,629.86	31.88	35.55	114.69	-1,679.94	1,002.08	2,300.95	2,239.49	61.46	37.436		
6,500.00	6,360.96	6,028.63	5,717.24	32.38	36.14	114.67	-1,706.29	1,019.89	2,337.75	2,275.29	62.46	37.431		
6,600.00	6,458.60	6,121.61	5,804.62	32.89	36.73	114.65	-1,732.64	1,037.70	2,374.54	2,311.09	63.45	37.425		
6,628.42	6,486.35	6,148.04	5,829.45	33.04	36.90	114.65	-1,740.13	1,042.76	2,385.00	2,321.27	63.73	37.423		
6,650.00	6,507.49	6,168.09	5,848.30	33.14	37.03	119.72	-1,745.81	1,046.61	2,392.94	2,328.99	63.94	37.424		
6,700.00	6,556.88	6,214.42	5,891.83	33.37	37.32	139.11	-1,758.94	1,055.48	2,411.30	2,346.89	64.41	37.438		
6,750.00	6,606.60	6,260.29	5,934.94	33.58	37.62	179.29	-1,771.94	1,064.26	2,429.55	2,364.71	64.84	37.469		
6,800.00	6,656.35	6,305.44	5,977.36	33.76	37.90	-136.96	-1,784.73	1,072.91	2,447.61	2,382.36	65.25	37.512		
6,850.00	6,705.83	6,349.59	6,018.85	33.94	38.19	-115.07	-1,797.24	1,081.37	2,465.42	2,399.78	65.64	37.562		
6,900.00	6,754.72	6,407.54	6,059.13	34.12	38.55	-104.33	-1,809.39	1,089.58	2,482.93	2,416.83	66.09	37.566		
6,950.00	6,802.72	6,433.78	6,097.96	34.31	38.72	-98.02	-1,821.10	1,097.49	2,500.12	2,433.75	66.37	37.667		
7,000.00	6,849.54	6,473.31	6,135.10	34.50	38.97	-93.78	-1,832.30	1,105.06	2,516.97	2,450.24	66.73	37.719		
7,050.00	6,894.89	6,510.80	6,170.33	34.71	39.21	-90.66	-1,842.92	1,112.24	2,533.48	2,466.40	67.08	37.769		
7,100.00	6,938.49	6,546.01	6,203.42	34.93	39.44	-88.20	-1,852.90	1,118.99	2,549.65	2,482.23	67.42	37.817		
7,150.00	6,980.07	6,578.74	6,234.17	35.17	39.65	-86.18	-1,862.17	1,125.25	2,565.47	2,497.71	67.76	37.861		
7,200.00	7,019.38	6,608.77	6,262.40	35.43	39.84	-84.45	-1,870.68	1,131.01	2,580.97	2,512.87	68.10	37.900		
7,250.00	7,056.17	6,635.93	6,287.92	35.71	40.01	-82.91	-1,878.38	1,136.21	2,596.14	2,527.70	68.44	37.932		
7,300.00	7,090.21	6,660.05	6,310.58	36.03	40.17	-81.51	-1,885.21	1,140.83	2,611.00	2,542.21	68.79	37.955		
7,350.00	7,121.30	6,680.97	6,330.24	36.37	40.30	-80.21	-1,891.14	1,144.84	2,625.54	2,556.39	69.15	37.969		
7,400.00	7,149.25	6,698.57	6,346.79	36.75	40.41	-78.97	-1,896.13	1,148.21	2,639.75	2,570.23	69.52	37.972		
7,450.00	7,173.87	6,712.75	6,360.10	37.17	40.50	-77.77	-1,900.15	1,150.92	2,653.63	2,583.72	69.90	37.962		
7,500.00	7,195.03	6,723.40	6,370.12	37.62	40.57	-76.59	-1,903.17	1,152.96	2,667.14	2,596.84	70.30	37.941		
7,550.00	7,212.58	6,730.48	6,376.77	38.11	40.62	-75.43	-1,905.17	1,154.32	2,680.25	2,609.55	70.71	37.907		
7,600.00	7,226.43	6,733.93	6,380.01	38.64	40.64	-74.28	-1,906.15	1,154.98	2,692.93	2,621.80	71.12	37.862		
7,650.00	7,236.48	6,733.73	6,379.82	39.20	40.64	-73.14	-1,906.09	1,154.94	2,705.10	2,633.55	71.55	37.807		
7,700.00	7,242.68	6,729.88	6,376.20	39.79	40.61	-72.01	-1,905.00	1,154.20	2,716.70	2,644.72	71.98	37.744		
7,753.32	7,245.00	6,721.79	6,368.60	40.44	40.56	-70.84	-1,902.71	1,152.65	2,728.35	2,655.92	72.43	37.670		
7,800.00	7,245.08	6,712.92	6,360.26	41.04	40.50	-70.65	-1,900.19	1,150.95	2,738.56	2,665.73	72.83	37.601		
7,900.00	7,245.26	6,706.09	6,342.40	42.43	40.46	-70.25	-1,894.81	1,147.31	2,762.88	2,689.03	73.85	37.412		
8,000.00	7,245.43	8,181.83	7,233.59	43.97	47.54	-89.76	-2,172.65	367.02	2,789.98	2,700.96	89.03	31.339		
8,100.00	7,245.61	8,281.82	7,234.40	45.64	48.72	-89.77	-2,173.84	267.04	2,791.25	2,699.00	92.24	30.259		
8,200.00	7,245.79	8,381.81	7,235.20	47.42	50.07	-89.78	-2,175.03	167.06	2,792.52	2,696.82	95.69	29.182		
8,300.00	7,245.97	8,481.80	7,236.01	49.30	51.58	-89.80	-2,176.22	67.08	2,793.78	2,694.43	99.35	28.120		
8,400.00	7,246.14	8,581.79	7,236.82	51.28	53.23	-89.81	-2,177.42	-32.90	2,795.05	2,691.85	103.20	27.084		
8,500.00	7,246.32	8,681.78	7,237.63	53.34	55.00	-89.82	-2,178.61	-132.88	2,796.32	2,689.10	107.21	26.082		
8,600.00	7,246.50	8,781.77	7,238.43	55.46	56.89	-89.84	-2,179.80	-232.86	2,797.58	2,686.21	111.37	25.119		
8,700.00	7,246.67	8,881.76	7,239.24	57.66	58.87	-89.85	-2,180.99	-332.84	2,798.85	2,683.18	115.67	24.197		
8,800.00	7,246.85	8,981.75	7,240.05	59.90	60.93	-89.86	-2,182.18	-432.82	2,800.12	2,680.04	120.08	23.319		
8,900.00	7,247.03	9,081.74	7,240.86	62.20	63.07	-89.88	-2,183.37	-532.80	2,801.39	2,676.79	124.60	22.483		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	9,181.73	7,241.67	64.55	65.27	-89.89	-2,184.56	-632.78	2,802.65	2,673.44	129.21	21.690		
9,100.00	7,247.38	9,281.72	7,242.47	66.93	67.52	-89.90	-2,185.76	-732.76	2,803.92	2,670.01	133.91	20.939		
9,200.00	7,247.56	9,381.71	7,243.28	69.35	69.82	-89.91	-2,186.95	-832.73	2,805.19	2,666.51	138.68	20.227		
9,300.00	7,247.74	9,481.70	7,244.09	71.80	72.17	-89.93	-2,188.14	-932.71	2,806.46	2,662.93	143.53	19.554		
9,400.00	7,247.91	9,581.69	7,244.90	74.29	74.55	-89.94	-2,189.33	-1,032.69	2,807.72	2,659.29	148.43	18.916		
9,500.00	7,248.09	9,681.68	7,245.70	76.79	76.97	-89.95	-2,190.52	-1,132.67	2,808.99	2,655.60	153.39	18.312		
9,600.00	7,248.27	9,781.67	7,246.51	79.33	79.42	-89.97	-2,191.71	-1,232.65	2,810.26	2,651.86	158.40	17.741		
9,700.00	7,248.45	9,881.66	7,247.32	81.88	81.90	-89.98	-2,192.90	-1,332.63	2,811.53	2,648.07	163.46	17.200		
9,800.00	7,248.62	9,981.65	7,248.13	84.45	84.41	-89.99	-2,194.10	-1,432.61	2,812.80	2,644.24	168.56	16.687		
9,900.00	7,248.80	10,081.64	7,248.94	87.04	86.93	-90.00	-2,195.29	-1,532.59	2,814.07	2,640.37	173.70	16.201		
10,000.00	7,248.98	10,181.63	7,249.74	89.65	89.48	-90.02	-2,196.48	-1,632.57	2,815.34	2,636.46	178.87	15.739		
10,100.00	7,249.15	10,281.62	7,250.55	92.28	92.05	-90.03	-2,197.67	-1,732.55	2,816.61	2,632.53	184.08	15.301		
10,200.00	7,249.33	10,381.61	7,251.36	94.91	94.63	-90.04	-2,198.86	-1,832.53	2,817.88	2,628.56	189.31	14.885		
10,300.00	7,249.51	10,481.60	7,252.17	97.56	97.23	-90.06	-2,200.05	-1,932.51	2,819.15	2,624.57	194.58	14.489		
10,400.00	7,249.69	10,581.59	7,252.97	100.22	99.85	-90.07	-2,201.24	-2,032.49	2,820.42	2,620.55	199.86	14.112		
10,500.00	7,249.86	10,681.58	7,253.78	102.89	102.48	-90.08	-2,202.44	-2,132.47	2,821.69	2,616.51	205.17	13.753		
10,600.00	7,250.04	10,781.57	7,254.59	105.57	105.12	-90.09	-2,203.63	-2,232.45	2,822.96	2,612.45	210.50	13.410		
10,700.00	7,250.22	10,881.56	7,255.40	108.27	107.77	-90.11	-2,204.82	-2,332.43	2,824.23	2,608.37	215.85	13.084		
10,800.00	7,250.39	10,981.55	7,256.20	110.96	110.43	-90.12	-2,206.01	-2,432.41	2,825.50	2,604.27	221.22	12.772		
10,900.00	7,250.57	11,081.54	7,257.01	113.67	113.10	-90.13	-2,207.20	-2,532.39	2,826.77	2,600.16	226.61	12.474		
11,000.00	7,250.75	11,181.53	7,257.82	116.39	115.79	-90.14	-2,208.39	-2,632.37	2,828.04	2,596.03	232.01	12.189		
11,100.00	7,250.93	11,281.52	7,258.63	119.11	118.47	-90.16	-2,209.58	-2,732.35	2,829.31	2,591.88	237.43	11.917		
11,200.00	7,251.10	11,381.51	7,259.44	121.83	121.17	-90.17	-2,210.77	-2,832.33	2,830.58	2,587.72	242.86	11.655		
11,300.00	7,251.28	11,481.50	7,260.24	124.57	123.88	-90.18	-2,211.97	-2,932.31	2,831.85	2,583.55	248.30	11.405		
11,400.00	7,251.46	11,581.49	7,261.05	127.31	126.59	-90.20	-2,213.16	-3,032.29	2,833.12	2,579.37	253.75	11.165		
11,500.00	7,251.63	11,681.48	7,261.86	130.05	129.31	-90.21	-2,214.35	-3,132.27	2,834.39	2,575.17	259.22	10.934		
11,600.00	7,251.81	11,781.47	7,262.67	132.80	132.03	-90.22	-2,215.54	-3,232.25	2,835.66	2,570.97	264.69	10.713		
11,700.00	7,251.99	11,881.46	7,263.47	135.55	134.76	-90.23	-2,216.73	-3,332.22	2,836.93	2,566.75	270.18	10.500		
11,800.00	7,252.17	11,981.45	7,264.28	138.31	137.49	-90.25	-2,217.92	-3,432.20	2,838.21	2,562.53	275.68	10.295		
11,900.00	7,252.34	12,081.44	7,265.09	141.07	140.23	-90.26	-2,219.11	-3,532.18	2,839.48	2,558.30	281.18	10.098		
12,000.00	7,252.52	12,181.43	7,265.90	143.84	142.98	-90.27	-2,220.31	-3,632.16	2,840.75	2,554.06	286.69	9.909		
12,100.00	7,252.70	12,281.42	7,266.71	146.61	145.73	-90.28	-2,221.50	-3,732.14	2,842.02	2,549.81	292.21	9.726		
12,200.00	7,252.87	12,381.41	7,267.51	149.38	148.48	-90.30	-2,222.69	-3,832.12	2,843.29	2,545.55	297.74	9.550		
12,300.00	7,253.05	12,481.40	7,268.32	152.16	151.23	-90.31	-2,223.88	-3,932.10	2,844.57	2,541.29	303.27	9.380		
12,400.00	7,253.23	12,581.39	7,269.13	154.94	153.99	-90.32	-2,225.07	-4,032.08	2,845.84	2,537.02	308.82	9.215		
12,500.00	7,253.41	12,681.38	7,269.94	157.72	156.76	-90.33	-2,226.26	-4,132.06	2,847.11	2,532.75	314.36	9.057		
12,600.00	7,253.58	12,781.37	7,270.74	160.51	159.52	-90.35	-2,227.45	-4,232.04	2,848.38	2,528.47	319.92	8.904		
12,700.00	7,253.76	12,881.36	7,271.55	163.29	162.29	-90.36	-2,228.65	-4,332.02	2,849.66	2,524.18	325.47	8.755		
12,800.00	7,253.94	12,981.35	7,272.36	166.08	165.07	-90.37	-2,229.84	-4,432.00	2,850.93	2,519.89	331.04	8.612		
12,900.00	7,254.11	13,081.34	7,273.17	168.88	167.84	-90.38	-2,231.03	-4,531.98	2,852.20	2,515.60	336.61	8.473		
13,000.00	7,254.29	13,181.33	7,273.97	171.67	170.62	-90.40	-2,232.22	-4,631.96	2,853.48	2,511.30	342.18	8.339		
13,100.00	7,254.47	13,281.32	7,274.78	174.47	173.40	-90.41	-2,233.41	-4,731.94	2,854.75	2,506.99	347.76	8.209		
13,200.00	7,254.65	13,381.31	7,275.59	177.27	176.19	-90.42	-2,234.60	-4,831.92	2,856.02	2,502.68	353.34	8.083		
13,300.00	7,254.82	13,481.30	7,276.40	180.07	178.97	-90.43	-2,235.79	-4,931.90	2,857.30	2,498.37	358.93	7.961		
13,400.00	7,255.00	13,555.88	7,277.00	182.87	181.05	-90.44	-2,236.68	-5,006.47	2,858.68	2,494.94	363.74	7.859		
13,500.00	7,255.18	13,555.88	7,277.00	185.67	181.05	-90.44	-2,236.68	-5,006.47	2,862.59	2,496.59	366.00	7.821		
13,600.00	7,255.35	13,555.88	7,277.00	188.48	181.05	-90.44	-2,236.68	-5,006.47	2,869.98	2,502.15	367.83	7.802		
13,700.00	7,255.53	13,555.88	7,277.00	191.29	181.05	-90.44	-2,236.68	-5,006.47	2,880.83	2,511.60	369.23	7.802 SF		
13,800.00	7,255.71	13,555.88	7,277.00	194.10	181.05	-90.44	-2,236.68	-5,006.47	2,895.09	2,524.89	370.20	7.820		
13,900.00	7,255.89	13,555.88	7,277.00	196.91	181.05	-90.44	-2,236.68	-5,006.47	2,912.71	2,541.96	370.75	7.856		
14,000.00	7,256.06	13,555.88	7,277.00	199.72	181.05	-90.44	-2,236.68	-5,006.47	2,933.64	2,562.75	370.89	7.910		
14,100.00	7,256.24	13,555.88	7,277.00	202.53	181.05	-90.44	-2,236.68	-5,006.47	2,957.81	2,587.16	370.65	7.980		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	13,555.88	7,277.00	205.35	181.05	-90.44	-2,236.68	-5,006.47	2,985.13	2,615.09	370.04	8.067		
14,300.00	7,256.59	13,555.88	7,277.00	208.16	181.05	-90.44	-2,236.68	-5,006.47	3,015.52	2,646.44	369.07	8.170		
14,400.00	7,256.77	13,555.88	7,277.00	210.98	181.05	-90.44	-2,236.68	-5,006.47	3,048.89	2,681.09	367.79	8.290		
14,500.00	7,256.95	13,555.88	7,277.00	213.80	181.05	-90.44	-2,236.68	-5,006.47	3,085.14	2,718.93	366.21	8.424		
14,600.00	7,257.13	13,555.88	7,277.00	216.62	181.05	-90.44	-2,236.68	-5,006.47	3,124.17	2,759.81	364.36	8.574		
14,700.00	7,257.30	13,555.88	7,277.00	219.44	181.05	-90.44	-2,236.68	-5,006.47	3,165.88	2,803.62	362.26	8.739		
14,800.00	7,257.48	13,555.88	7,277.00	222.26	181.05	-90.44	-2,236.68	-5,006.47	3,210.16	2,850.22	359.95	8.918		
14,900.00	7,257.66	13,555.88	7,277.00	225.08	181.05	-90.44	-2,236.68	-5,006.47	3,256.92	2,899.48	357.44	9.112		
15,000.00	7,257.83	13,555.88	7,277.00	227.91	181.05	-90.44	-2,236.68	-5,006.47	3,306.04	2,951.27	354.77	9.319		
15,100.00	7,258.01	13,555.88	7,277.00	230.73	181.05	-90.44	-2,236.68	-5,006.47	3,357.42	3,005.47	351.95	9.539		
15,200.00	7,258.19	13,555.88	7,277.00	233.56	181.05	-90.44	-2,236.68	-5,006.47	3,410.95	3,061.94	349.01	9.773		
15,300.00	7,258.37	13,555.88	7,277.00	236.38	181.05	-90.44	-2,236.68	-5,006.47	3,466.55	3,120.58	345.97	10.020		
15,400.00	7,258.54	13,555.88	7,277.00	239.21	181.05	-90.44	-2,236.68	-5,006.47	3,524.11	3,181.26	342.85	10.279		
15,500.00	7,258.72	13,555.88	7,277.00	242.04	181.05	-90.44	-2,236.68	-5,006.47	3,583.53	3,243.87	339.67	10.550		
15,600.00	7,258.90	13,555.88	7,277.00	244.87	181.05	-90.44	-2,236.68	-5,006.47	3,644.73	3,308.30	336.44	10.833		
15,700.00	7,259.08	13,555.88	7,277.00	247.70	181.05	-90.44	-2,236.68	-5,006.47	3,707.62	3,374.44	333.17	11.128		
15,800.00	7,259.25	13,555.88	7,277.00	250.53	181.05	-90.44	-2,236.68	-5,006.47	3,772.11	3,442.21	329.89	11.434		
15,900.00	7,259.43	13,555.88	7,277.00	253.36	181.05	-90.44	-2,236.68	-5,006.47	3,838.12	3,511.51	326.60	11.752		
16,000.00	7,259.61	13,555.88	7,277.00	256.19	181.05	-90.44	-2,236.68	-5,006.47	3,905.58	3,582.25	323.32	12.080		
16,100.00	7,259.78	13,555.88	7,277.00	259.02	181.05	-90.44	-2,236.68	-5,006.47	3,974.40	3,654.35	320.05	12.418		
16,200.00	7,259.96	13,555.88	7,277.00	261.85	181.05	-90.44	-2,236.68	-5,006.47	4,044.53	3,727.73	316.80	12.767		
16,300.00	7,260.14	13,555.88	7,277.00	264.68	181.05	-90.44	-2,236.68	-5,006.47	4,115.90	3,802.32	313.58	13.126		
16,400.00	7,260.32	13,555.88	7,277.00	267.52	181.05	-90.44	-2,236.68	-5,006.47	4,188.43	3,878.04	310.39	13.494		
16,500.00	7,260.49	13,555.88	7,277.00	270.35	181.05	-90.44	-2,236.68	-5,006.47	4,262.08	3,954.84	307.24	13.872		
16,600.00	7,260.67	13,555.88	7,277.00	273.19	181.05	-90.44	-2,236.68	-5,006.47	4,336.78	4,032.65	304.13	14.259		
16,700.00	7,260.85	13,555.88	7,277.00	276.02	181.05	-90.44	-2,236.68	-5,006.47	4,412.49	4,111.41	301.08	14.656		
16,800.00	7,261.02	13,555.88	7,277.00	278.86	181.05	-90.44	-2,236.68	-5,006.47	4,489.15	4,191.08	298.07	15.061		
16,900.00	7,261.20	13,555.88	7,277.00	281.69	181.05	-90.44	-2,236.68	-5,006.47	4,566.70	4,271.59	295.11	15.474		
17,000.00	7,261.38	13,555.88	7,277.00	284.53	181.05	-90.44	-2,236.68	-5,006.47	4,645.12	4,352.91	292.21	15.897		
17,100.00	7,261.56	13,555.88	7,277.00	287.37	181.05	-90.44	-2,236.68	-5,006.47	4,724.35	4,434.99	289.36	16.327		
17,200.00	7,261.73	13,555.88	7,277.00	290.21	181.05	-90.44	-2,236.68	-5,006.47	4,804.36	4,517.78	286.58	16.765		
17,300.00	7,261.91	13,555.88	7,277.00	293.04	181.05	-90.44	-2,236.68	-5,006.47	4,885.10	4,601.26	283.85	17.210		
17,400.00	7,262.09	13,555.88	7,277.00	295.88	181.05	-90.44	-2,236.68	-5,006.47	4,966.55	4,685.38	281.17	17.664		
17,500.00	7,262.26	13,555.88	7,277.00	298.72	181.05	-90.44	-2,236.68	-5,006.47	5,048.66	4,770.10	278.56	18.124		
17,600.00	7,262.44	13,555.88	7,277.00	301.56	181.05	-90.44	-2,236.68	-5,006.47	5,131.41	4,855.41	276.00	18.592		
17,700.00	7,262.62	13,555.88	7,277.00	304.40	181.05	-90.44	-2,236.68	-5,006.47	5,214.76	4,941.26	273.50	19.067		
17,800.00	7,262.80	13,555.88	7,277.00	307.24	181.05	-90.44	-2,236.68	-5,006.47	5,298.68	5,027.63	271.06	19.548		
17,900.00	7,262.97	13,555.88	7,277.00	310.08	181.05	-90.44	-2,236.68	-5,006.47	5,383.16	5,114.49	268.67	20.036		
18,000.00	7,263.15	13,555.88	7,277.00	312.92	181.05	-90.44	-2,236.68	-5,006.47	5,468.16	5,201.82	266.34	20.530		
18,100.00	7,263.33	13,555.88	7,277.00	315.76	181.05	-90.44	-2,236.68	-5,006.47	5,553.66	5,289.59	264.07	21.031		
18,200.00	7,263.50	13,555.88	7,277.00	318.61	181.05	-90.44	-2,236.68	-5,006.47	5,639.64	5,377.79	261.85	21.538		
18,300.00	7,263.68	13,555.88	7,277.00	321.45	181.05	-90.44	-2,236.68	-5,006.47	5,726.07	5,466.39	259.68	22.050		
18,400.00	7,263.86	13,555.88	7,277.00	324.29	181.05	-90.44	-2,236.68	-5,006.47	5,812.94	5,555.37	257.57	22.568		
18,500.00	7,264.04	13,555.88	7,277.00	327.13	181.05	-90.44	-2,236.68	-5,006.47	5,900.22	5,644.71	255.51	23.092		
18,600.00	7,264.21	13,555.88	7,277.00	329.97	181.05	-90.44	-2,236.68	-5,006.47	5,987.90	5,734.41	253.49	23.622		
18,700.00	7,264.39	13,555.88	7,277.00	332.82	181.05	-90.44	-2,236.68	-5,006.47	6,075.96	5,824.43	251.53	24.156		
18,800.00	7,264.57	13,555.88	7,277.00	335.66	181.05	-90.44	-2,236.68	-5,006.47	6,164.39	5,914.78	249.61	24.696		
18,900.00	7,264.74	13,555.88	7,277.00	338.51	181.05	-90.44	-2,236.68	-5,006.47	6,253.16	6,005.42	247.75	25.240		
19,000.00	7,264.92	13,555.88	7,277.00	341.35	181.05	-90.44	-2,236.68	-5,006.47	6,342.27	6,096.35	245.92	25.790		
19,044.52	7,265.00	13,555.88	7,277.00	342.62	181.05	-90.44	-2,236.68	-5,006.47	6,382.05	6,136.92	245.12	26.036		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	-179.47	-179.96	-1.67	179.97					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-179.96	-1.67	179.97	173.40	6.57	27.395		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-179.96	-1.67	179.97	173.30	6.67	26.966 CC, ES		
300.00	299.98	295.13	295.11	3.44	3.43	115.11	-181.25	-0.75	182.05	175.16	6.88	26.442		
400.00	399.84	390.00	389.86	3.60	3.58	115.52	-185.08	2.00	188.28	181.08	7.20	26.151		
500.00	499.45	484.35	483.89	3.81	3.76	116.13	-191.42	6.55	198.68	191.07	7.61	26.112		
600.00	598.70	577.94	576.84	4.06	3.98	116.86	-200.19	12.84	213.22	205.13	8.10	26.339		
700.00	697.47	670.52	668.40	4.34	4.23	117.64	-211.29	20.80	231.90	223.25	8.65	26.821		
800.00	795.62	761.86	758.27	4.66	4.52	118.40	-224.59	30.34	254.66	245.41	9.25	27.531		
824.00	819.08	783.58	779.55	4.75	4.59	118.57	-228.10	32.86	260.73	251.32	9.40	27.727		
900.00	893.28	851.94	846.32	5.02	4.83	119.29	-239.98	41.38	280.98	271.09	9.89	28.401		
1,000.00	990.92	940.95	932.72	5.40	5.17	119.76	-257.39	53.87	309.62	299.05	10.57	29.295		
1,100.00	1,088.56	1,028.77	1,017.25	5.80	5.54	119.83	-276.70	67.71	340.44	329.17	11.27	30.204		
1,200.00	1,186.19	1,115.25	1,099.76	6.21	5.93	119.59	-297.76	82.82	373.38	361.39	11.99	31.134		
1,300.00	1,283.83	1,201.21	1,180.96	6.64	6.34	119.13	-320.68	99.26	408.40	395.67	12.73	32.075		
1,400.00	1,381.47	1,305.52	1,268.70	7.08	6.88	118.61	-346.39	117.70	444.27	430.68	13.59	32.687		
1,500.00	1,479.10	1,387.75	1,356.44	7.53	7.32	118.16	-372.10	136.14	480.18	465.80	14.37	33.406		
1,600.00	1,576.74	1,481.03	1,444.18	7.99	7.83	117.78	-397.81	154.58	516.10	500.87	15.23	33.894		
1,700.00	1,674.38	1,574.30	1,531.92	8.45	8.35	117.45	-423.52	173.02	552.04	535.94	16.10	34.294		
1,800.00	1,772.02	1,667.57	1,619.67	8.92	8.88	117.15	-449.23	191.47	588.00	571.01	16.98	34.625		
1,900.00	1,869.65	1,760.84	1,707.41	9.39	9.42	116.89	-474.94	209.91	623.96	606.08	17.88	34.899		
2,000.00	1,967.29	1,854.12	1,795.15	9.87	9.96	116.66	-500.66	228.35	659.94	641.15	18.79	35.128		
2,100.00	2,064.93	1,947.39	1,882.89	10.35	10.51	116.45	-526.37	246.79	695.93	676.22	19.70	35.321		
2,200.00	2,162.56	2,040.66	1,970.63	10.83	11.07	116.27	-552.08	265.23	731.92	711.29	20.63	35.482		
2,300.00	2,260.20	2,133.94	2,058.38	11.32	11.63	116.10	-577.79	283.67	767.92	746.36	21.56	35.619		
2,400.00	2,357.84	2,227.21	2,146.12	11.80	12.19	115.94	-603.50	302.11	803.92	781.42	22.50	35.735		
2,500.00	2,455.48	2,320.48	2,233.86	12.29	12.76	115.80	-629.21	320.55	839.93	816.49	23.44	35.834		
2,600.00	2,553.11	2,413.75	2,321.60	12.78	13.33	115.67	-654.92	339.00	875.94	851.56	24.39	35.919		
2,700.00	2,650.75	2,507.03	2,409.34	13.27	13.90	115.55	-680.63	357.44	911.96	886.62	25.34	35.991		
2,800.00	2,748.39	2,600.30	2,497.09	13.77	14.47	115.44	-706.34	375.88	947.98	921.69	26.29	36.053		
2,900.00	2,846.02	2,706.43	2,584.83	14.26	15.13	115.34	-732.06	394.32	984.00	956.68	27.32	36.015		
3,000.00	2,943.66	2,786.84	2,672.57	14.76	15.63	115.25	-757.77	412.76	1,020.03	991.81	28.21	36.153		
3,100.00	3,041.30	2,880.12	2,760.31	15.25	16.20	115.16	-783.48	431.20	1,056.05	1,026.88	29.18	36.193		
3,200.00	3,138.94	2,973.39	2,848.05	15.75	16.78	115.08	-809.19	449.64	1,092.08	1,061.94	30.15	36.227		
3,300.00	3,236.57	3,066.66	2,935.80	16.25	17.36	115.00	-834.90	468.09	1,128.11	1,097.00	31.11	36.257		
3,400.00	3,334.21	3,159.94	3,023.54	16.75	17.95	114.93	-860.61	486.53	1,164.15	1,132.06	32.09	36.283		
3,500.00	3,431.85	3,253.21	3,111.28	17.25	18.53	114.86	-886.32	504.97	1,200.18	1,167.12	33.06	36.305		
3,600.00	3,529.48	3,346.48	3,199.02	17.75	19.11	114.79	-912.03	523.41	1,236.22	1,202.18	34.03	36.325		
3,700.00	3,627.12	3,439.75	3,286.76	18.25	19.70	114.73	-937.75	541.85	1,272.25	1,237.25	35.01	36.341		
3,800.00	3,724.76	3,533.03	3,374.51	18.75	20.28	114.68	-963.46	560.29	1,308.29	1,272.31	35.99	36.355		
3,900.00	3,822.40	3,626.30	3,462.25	19.25	20.87	114.62	-989.17	578.73	1,344.33	1,307.37	36.97	36.368		
4,000.00	3,920.03	3,719.57	3,549.99	19.75	21.45	114.57	-1,014.88	597.18	1,380.37	1,342.43	37.95	36.378		
4,100.00	4,017.67	3,812.84	3,637.73	20.25	22.04	114.52	-1,040.59	615.62	1,416.41	1,377.49	38.93	36.387		
4,200.00	4,115.31	3,906.12	3,725.47	20.76	22.63	114.48	-1,066.30	634.06	1,452.46	1,412.55	39.91	36.395		
4,300.00	4,212.94	4,000.61	3,813.22	21.26	23.22	114.43	-1,092.01	652.50	1,488.50	1,447.60	40.90	36.395		
4,400.00	4,310.58	4,107.34	3,900.96	21.76	23.90	114.39	-1,117.72	670.94	1,524.54	1,482.58	41.96	36.335		
4,500.00	4,408.22	4,185.94	3,988.70	22.27	24.39	114.35	-1,143.44	689.38	1,560.59	1,517.73	42.86	36.410		
4,600.00	4,505.86	4,279.21	4,076.44	22.77	24.98	114.31	-1,169.15	707.82	1,596.63	1,552.78	43.85	36.414		
4,700.00	4,603.49	4,372.48	4,164.18	23.28	25.57	114.27	-1,194.86	726.26	1,632.68	1,587.84	44.83	36.417		
4,800.00	4,701.13	4,465.75	4,251.93	23.78	26.16	114.24	-1,220.57	744.71	1,668.72	1,622.90	45.82	36.419		
4,900.00	4,798.77	4,559.03	4,339.67	24.28	26.75	114.21	-1,246.28	763.15	1,704.77	1,657.96	46.81	36.420		
5,000.00	4,896.40	4,652.30	4,427.41	24.79	27.34	114.17	-1,271.99	781.59	1,740.82	1,693.02	47.80	36.421		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	4,745.57	4,515.15	25.30	27.93	114.14	-1,297.70	800.03	1,776.86	1,728.08	48.79	36.421		
5,200.00	5,091.68	4,838.84	4,602.89	25.80	28.53	114.11	-1,323.41	818.47	1,812.91	1,763.14	49.78	36.421		
5,300.00	5,189.32	4,932.12	4,690.63	26.31	29.12	114.08	-1,349.12	836.91	1,848.96	1,798.19	50.77	36.421		
5,400.00	5,286.95	5,025.39	4,778.38	26.81	29.71	114.06	-1,374.84	855.35	1,885.01	1,833.25	51.76	36.420		
5,500.00	5,384.59	5,118.66	4,866.12	27.32	30.30	114.03	-1,400.55	873.80	1,921.06	1,868.31	52.75	36.419		
5,600.00	5,482.23	5,211.94	4,953.86	27.82	30.89	114.01	-1,426.26	892.24	1,957.11	1,903.37	53.74	36.418		
5,700.00	5,579.87	5,305.21	5,041.60	28.33	31.48	113.98	-1,451.97	910.68	1,993.16	1,938.42	54.73	36.416		
5,800.00	5,677.50	5,401.52	5,129.34	28.84	32.10	113.96	-1,477.68	929.12	2,029.21	1,973.46	55.74	36.403		
5,900.00	5,775.14	5,508.25	5,217.09	29.34	32.77	113.94	-1,503.39	947.56	2,065.26	2,008.45	56.81	36.353		
6,000.00	5,872.78	5,585.03	5,304.83	29.85	33.26	113.91	-1,529.10	966.00	2,101.31	2,043.60	57.71	36.410		
6,100.00	5,970.41	5,678.30	5,392.57	30.36	33.85	113.89	-1,554.81	984.44	2,137.36	2,078.65	58.71	36.407		
6,200.00	6,068.05	5,771.57	5,480.31	30.86	34.45	113.87	-1,580.53	1,002.89	2,173.41	2,113.71	59.70	36.405		
6,300.00	6,165.69	5,864.84	5,568.05	31.37	35.04	113.85	-1,606.24	1,021.33	2,209.46	2,148.77	60.70	36.402		
6,400.00	6,263.33	5,958.12	5,655.80	31.88	35.63	113.83	-1,631.95	1,039.77	2,245.51	2,183.82	61.69	36.399		
6,500.00	6,360.96	6,051.39	5,743.54	32.38	36.23	113.81	-1,657.66	1,058.21	2,281.56	2,218.88	62.69	36.397		
6,600.00	6,458.60	6,144.66	5,831.28	32.89	36.82	113.80	-1,683.37	1,076.65	2,317.62	2,253.93	63.68	36.394		
6,628.42	6,486.35	6,171.17	5,856.22	33.04	36.99	113.79	-1,690.68	1,081.89	2,327.86	2,263.90	63.97	36.393		
6,650.00	6,507.49	6,191.29	5,875.14	33.14	37.12	118.84	-1,696.22	1,085.87	2,335.65	2,271.47	64.18	36.394		
6,700.00	6,556.88	6,237.74	5,918.83	33.37	37.41	138.20	-1,709.03	1,095.05	2,353.70	2,289.05	64.64	36.410		
6,750.00	6,606.60	6,283.71	5,962.09	33.58	37.70	178.34	-1,721.70	1,104.14	2,371.69	2,306.61	65.08	36.444		
6,800.00	6,656.35	6,328.94	6,004.63	33.76	37.99	-137.93	-1,734.17	1,113.08	2,389.55	2,324.06	65.48	36.491		
6,850.00	6,705.83	6,373.14	6,046.21	33.94	38.27	-116.06	-1,746.35	1,121.82	2,407.22	2,341.35	65.87	36.545		
6,900.00	6,754.72	6,416.03	6,086.55	34.12	38.55	-105.34	-1,758.17	1,130.30	2,424.66	2,358.42	66.24	36.602		
6,950.00	6,802.72	6,457.35	6,125.43	34.31	38.81	-99.04	-1,769.57	1,138.47	2,441.85	2,375.25	66.61	36.661		
7,000.00	6,849.54	6,503.14	6,162.59	34.50	39.10	-94.80	-1,780.45	1,146.28	2,458.77	2,391.78	66.99	36.702		
7,050.00	6,894.89	6,534.29	6,197.81	34.71	39.30	-91.66	-1,790.77	1,153.69	2,475.42	2,408.12	67.30	36.780		
7,100.00	6,938.49	6,569.43	6,230.86	34.93	39.52	-89.20	-1,800.46	1,160.63	2,491.80	2,424.16	67.64	36.838		
7,150.00	6,980.07	6,602.06	6,261.56	35.17	39.73	-87.15	-1,809.46	1,167.09	2,507.92	2,439.94	67.98	36.893		
7,200.00	7,019.38	6,631.98	6,289.70	35.43	39.92	-85.39	-1,817.70	1,173.00	2,523.77	2,455.46	68.31	36.944		
7,250.00	7,056.17	6,658.99	6,315.11	35.71	40.09	-83.81	-1,825.15	1,178.34	2,539.38	2,470.73	68.65	36.990		
7,300.00	7,090.21	6,685.54	6,340.10	36.03	40.26	-82.42	-1,832.47	1,183.54	2,554.74	2,485.72	69.02	37.014		
7,350.00	7,121.30	6,720.19	6,372.93	36.37	40.47	-81.35	-1,842.08	1,189.02	2,569.77	2,500.25	69.52	36.967		
7,400.00	7,149.25	6,757.62	6,408.66	36.75	40.68	-80.46	-1,852.54	1,192.84	2,584.40	2,514.32	70.08	36.879		
7,450.00	7,173.87	6,799.14	6,448.47	37.17	40.89	-79.78	-1,864.17	1,194.51	2,598.57	2,527.86	70.72	36.747		
7,500.00	7,195.03	6,846.96	6,494.34	37.62	41.10	-79.32	-1,877.56	1,193.09	2,612.23	2,540.78	71.44	36.564		
7,550.00	7,212.58	6,905.08	6,549.77	38.11	41.31	-79.17	-1,893.72	1,186.53	2,625.28	2,552.99	72.28	36.319		
7,600.00	7,226.43	6,981.60	6,621.44	38.64	41.53	-79.46	-1,914.59	1,169.93	2,637.59	2,564.31	73.29	35.990		
7,650.00	7,236.48	7,094.74	6,722.70	39.20	41.80	-80.48	-1,943.98	1,129.30	2,648.90	2,574.35	74.55	35.533		
7,700.00	7,242.68	7,290.29	6,876.06	39.79	42.25	-82.75	-1,988.27	1,017.68	2,658.48	2,582.08	76.40	34.799		
7,753.32	7,245.00	7,692.11	7,055.47	40.44	44.00	-85.92	-2,039.10	669.26	2,664.25	2,583.25	81.00	32.891		
7,800.00	7,245.08	7,835.13	7,065.30	41.04	45.12	-86.13	-2,041.33	526.83	2,664.37	2,580.82	83.55	31.890		
7,900.00	7,245.26	7,935.12	7,066.12	42.43	46.11	-86.14	-2,041.12	426.83	2,664.19	2,577.87	86.32	30.864		
8,000.00	7,245.43	8,035.12	7,066.95	43.97	47.27	-86.16	-2,040.91	326.84	2,664.02	2,574.65	89.37	29.809		
8,100.00	7,245.61	8,135.12	7,067.78	45.64	48.60	-86.17	-2,040.70	226.84	2,663.84	2,571.17	92.67	28.745		
8,200.00	7,245.79	8,235.12	7,068.60	47.42	50.10	-86.19	-2,040.50	126.85	2,663.67	2,567.47	96.20	27.690		
8,300.00	7,245.97	8,335.12	7,069.43	49.30	51.74	-86.20	-2,040.29	26.86	2,663.49	2,563.57	99.93	26.655		
8,400.00	7,246.14	8,435.11	7,070.25	51.28	53.50	-86.21	-2,040.08	-73.14	2,663.32	2,559.49	103.84	25.649		
8,500.00	7,246.32	8,535.11	7,071.08	53.34	55.38	-86.23	-2,039.87	-173.13	2,663.15	2,555.24	107.91	24.680		
8,600.00	7,246.50	8,635.11	7,071.90	55.46	57.35	-86.24	-2,039.66	-273.13	2,662.97	2,550.85	112.12	23.751		
8,700.00	7,246.67	8,735.11	7,072.73	57.66	59.41	-86.25	-2,039.45	-373.12	2,662.80	2,546.34	116.46	22.865		
8,800.00	7,246.85	8,835.11	7,073.56	59.90	61.55	-86.27	-2,039.24	-473.12	2,662.62	2,541.71	120.91	22.021		
8,900.00	7,247.03	8,935.10	7,074.38	62.20	63.74	-86.28	-2,039.03	-573.11	2,662.45	2,536.98	125.47	21.220		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,247.21	9,035.10	7,075.21	64.55	66.00	-86.30	-2,038.82	-673.10	2,662.28	2,532.16	130.12	20.461		
9,100.00	7,247.38	9,135.10	7,076.03	66.93	68.30	-86.31	-2,038.61	-773.10	2,662.10	2,527.26	134.85	19.742		
9,200.00	7,247.56	9,235.10	7,076.86	69.35	70.65	-86.32	-2,038.40	-873.09	2,661.93	2,522.28	139.65	19.062		
9,300.00	7,247.74	9,335.09	7,077.69	71.80	73.04	-86.34	-2,038.19	-973.09	2,661.76	2,517.24	144.52	18.418		
9,400.00	7,247.91	9,435.09	7,078.51	74.29	75.46	-86.35	-2,037.99	-1,073.08	2,661.59	2,512.14	149.45	17.810		
9,500.00	7,248.09	9,535.09	7,079.34	76.79	77.92	-86.36	-2,037.78	-1,173.07	2,661.41	2,506.98	154.43	17.234		
9,600.00	7,248.27	9,635.09	7,080.16	79.33	80.40	-86.38	-2,037.57	-1,273.07	2,661.24	2,501.78	159.46	16.689		
9,700.00	7,248.45	9,735.09	7,080.99	81.88	82.91	-86.39	-2,037.36	-1,373.06	2,661.07	2,496.53	164.54	16.173		
9,800.00	7,248.62	9,835.08	7,081.82	84.45	85.45	-86.41	-2,037.15	-1,473.06	2,660.90	2,491.24	169.65	15.684		
9,900.00	7,248.80	9,935.08	7,082.64	87.04	88.00	-86.42	-2,036.94	-1,573.05	2,660.72	2,485.92	174.81	15.221		
10,000.00	7,248.98	10,035.08	7,083.47	89.65	90.58	-86.43	-2,036.73	-1,673.05	2,660.55	2,480.56	179.99	14.781		
10,100.00	7,249.15	10,135.08	7,084.29	92.28	93.17	-86.45	-2,036.52	-1,773.04	2,660.38	2,475.17	185.21	14.364		
10,200.00	7,249.33	10,235.07	7,085.12	94.91	95.77	-86.46	-2,036.31	-1,873.03	2,660.21	2,469.75	190.46	13.967		
10,300.00	7,249.51	10,335.07	7,085.94	97.56	98.40	-86.47	-2,036.10	-1,973.03	2,660.04	2,464.31	195.73	13.590		
10,400.00	7,249.69	10,435.07	7,086.77	100.22	101.03	-86.49	-2,035.89	-2,073.02	2,659.87	2,458.84	201.03	13.231		
10,500.00	7,249.86	10,535.07	7,087.60	102.89	103.68	-86.50	-2,035.68	-2,173.02	2,659.69	2,453.35	206.35	12.889		
10,600.00	7,250.04	10,635.07	7,088.42	105.57	106.34	-86.52	-2,035.48	-2,273.01	2,659.52	2,447.84	211.69	12.564		
10,700.00	7,250.22	10,735.06	7,089.25	108.27	109.01	-86.53	-2,035.27	-2,373.00	2,659.35	2,442.31	217.04	12.253		
10,800.00	7,250.39	10,835.06	7,090.07	110.96	111.69	-86.54	-2,035.06	-2,473.00	2,659.18	2,436.76	222.42	11.956		
10,900.00	7,250.57	10,935.06	7,090.90	113.67	114.38	-86.56	-2,034.85	-2,572.99	2,659.01	2,431.20	227.81	11.672		
11,000.00	7,250.75	11,035.06	7,091.73	116.39	117.07	-86.57	-2,034.64	-2,672.99	2,658.84	2,425.62	233.22	11.400		
11,100.00	7,250.93	11,135.05	7,092.55	119.11	119.78	-86.58	-2,034.43	-2,772.98	2,658.67	2,420.03	238.65	11.141		
11,200.00	7,251.10	11,235.05	7,093.38	121.83	122.49	-86.60	-2,034.22	-2,872.98	2,658.50	2,414.42	244.08	10.892		
11,300.00	7,251.28	11,335.05	7,094.20	124.57	125.21	-86.61	-2,034.01	-2,972.97	2,658.33	2,408.80	249.53	10.653		
11,400.00	7,251.46	11,435.05	7,095.03	127.31	127.93	-86.63	-2,033.80	-3,072.96	2,658.16	2,403.17	254.99	10.425		
11,500.00	7,251.63	11,535.05	7,095.85	130.05	130.66	-86.64	-2,033.59	-3,172.96	2,657.99	2,397.53	260.46	10.205		
11,600.00	7,251.81	11,635.04	7,096.68	132.80	133.40	-86.65	-2,033.38	-3,272.95	2,657.82	2,391.88	265.94	9.994		
11,700.00	7,251.99	11,735.04	7,097.51	135.55	136.14	-86.67	-2,033.17	-3,372.95	2,657.65	2,386.22	271.43	9.791		
11,800.00	7,252.17	11,835.04	7,098.33	138.31	138.89	-86.68	-2,032.97	-3,472.94	2,657.48	2,380.55	276.93	9.596		
11,900.00	7,252.34	11,935.04	7,099.16	141.07	141.64	-86.70	-2,032.76	-3,572.93	2,657.31	2,374.87	282.44	9.408		
12,000.00	7,252.52	12,035.04	7,099.98	143.84	144.39	-86.71	-2,032.55	-3,672.93	2,657.15	2,369.19	287.96	9.227		
12,100.00	7,252.70	12,135.03	7,100.81	146.61	147.15	-86.72	-2,032.34	-3,772.92	2,656.98	2,363.49	293.48	9.053		
12,200.00	7,252.87	12,235.03	7,101.64	149.38	149.92	-86.74	-2,032.13	-3,872.92	2,656.81	2,357.79	299.02	8.885		
12,300.00	7,253.05	12,335.03	7,102.46	152.16	152.68	-86.75	-2,031.92	-3,972.91	2,656.64	2,352.08	304.56	8.723		
12,400.00	7,253.23	12,435.03	7,103.29	154.94	155.45	-86.76	-2,031.71	-4,072.91	2,656.47	2,346.37	310.10	8.566		
12,500.00	7,253.41	12,535.02	7,104.11	157.72	158.23	-86.78	-2,031.50	-4,172.90	2,656.30	2,340.65	315.65	8.415		
12,600.00	7,253.58	12,635.02	7,104.94	160.51	161.00	-86.79	-2,031.29	-4,272.89	2,656.14	2,334.93	321.21	8.269		
12,700.00	7,253.76	12,735.02	7,105.77	163.29	163.78	-86.81	-2,031.08	-4,372.88	2,655.97	2,329.20	326.77	8.128		
12,800.00	7,253.94	12,835.02	7,106.59	166.08	166.57	-86.82	-2,030.87	-4,472.88	2,655.80	2,323.46	332.34	7.991		
12,900.00	7,254.11	12,935.02	7,107.42	168.88	169.35	-86.83	-2,030.66	-4,572.88	2,655.63	2,317.72	337.91	7.859		
13,000.00	7,254.29	13,035.01	7,108.24	171.67	172.14	-86.85	-2,030.46	-4,672.87	2,655.47	2,311.97	343.49	7.731		
13,100.00	7,254.47	13,135.01	7,109.07	174.47	174.93	-86.86	-2,030.25	-4,772.86	2,655.30	2,306.22	349.07	7.607		
13,200.00	7,254.65	13,235.01	7,109.89	177.27	177.72	-86.87	-2,030.04	-4,872.86	2,655.13	2,300.47	354.66	7.486		
13,300.00	7,254.82	13,335.01	7,110.72	180.07	180.52	-86.89	-2,029.83	-4,972.85	2,654.97	2,294.71	360.25	7.370		
13,340.69	7,254.90	13,375.70	7,111.06	181.21	181.65	-86.89	-2,029.74	-5,013.54	2,654.90	2,292.37	362.53	7.323		
13,400.00	7,255.00	13,368.87	7,111.00	182.87	181.46	-86.89	-2,029.76	-5,006.71	2,655.62	2,291.81	363.81	7.299		
13,500.00	7,255.18	13,368.87	7,111.00	185.67	181.46	-86.89	-2,029.76	-5,006.71	2,659.83	2,293.91	365.92	7.269		
13,600.00	7,255.35	13,368.87	7,111.00	188.48	181.46	-86.89	-2,029.76	-5,006.71	2,667.77	2,300.25	367.52	7.259 SF		
13,700.00	7,255.53	13,368.87	7,111.00	191.29	181.46	-86.89	-2,029.76	-5,006.71	2,679.43	2,310.80	368.63	7.269		
13,800.00	7,255.71	13,368.87	7,111.00	194.10	181.46	-86.89	-2,029.76	-5,006.71	2,694.75	2,325.51	369.25	7.298		
13,900.00	7,255.89	13,368.87	7,111.00	196.91	181.46	-86.89	-2,029.76	-5,006.71	2,713.68	2,344.29	369.39	7.346		
14,000.00	7,256.06	13,368.87	7,111.00	199.72	181.46	-86.89	-2,029.76	-5,006.71	2,736.13	2,367.06	369.07	7.414		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	13,368.87	7,111.00	202.53	181.46	-86.89	-2,029.76	-5,006.71	2,762.02	2,393.70	368.32	7.499		
14,200.00	7,256.42	13,368.87	7,111.00	205.35	181.46	-86.89	-2,029.76	-5,006.71	2,791.25	2,424.09	367.16	7.602		
14,300.00	7,256.59	13,368.87	7,111.00	208.16	181.46	-86.89	-2,029.76	-5,006.71	2,823.72	2,458.10	365.63	7.723		
14,400.00	7,256.77	13,368.87	7,111.00	210.98	181.46	-86.89	-2,029.76	-5,006.71	2,859.33	2,495.58	363.75	7.861		
14,500.00	7,256.95	13,368.87	7,111.00	213.80	181.46	-86.89	-2,029.76	-5,006.71	2,897.95	2,536.39	361.56	8.015		
14,600.00	7,257.13	13,368.87	7,111.00	216.62	181.46	-86.89	-2,029.76	-5,006.71	2,939.46	2,580.37	359.09	8.186		
14,700.00	7,257.30	13,368.87	7,111.00	219.44	181.46	-86.89	-2,029.76	-5,006.71	2,983.75	2,627.37	356.38	8.372		
14,800.00	7,257.48	13,368.87	7,111.00	222.26	181.46	-86.89	-2,029.76	-5,006.71	3,030.70	2,677.24	353.46	8.574		
14,900.00	7,257.66	13,368.87	7,111.00	225.08	181.46	-86.89	-2,029.76	-5,006.71	3,080.17	2,729.83	350.35	8.792		
15,000.00	7,257.83	13,368.87	7,111.00	227.91	181.46	-86.89	-2,029.76	-5,006.71	3,132.06	2,784.97	347.09	9.024		
15,100.00	7,258.01	13,368.87	7,111.00	230.73	181.46	-86.89	-2,029.76	-5,006.71	3,186.25	2,842.54	343.70	9.270		
15,200.00	7,258.19	13,368.87	7,111.00	233.56	181.46	-86.89	-2,029.76	-5,006.71	3,242.61	2,902.39	340.22	9.531		
15,300.00	7,258.37	13,368.87	7,111.00	236.38	181.46	-86.89	-2,029.76	-5,006.71	3,301.04	2,964.38	336.66	9.805		
15,400.00	7,258.54	13,368.87	7,111.00	239.21	181.46	-86.89	-2,029.76	-5,006.71	3,361.43	3,028.38	333.04	10.093		
15,500.00	7,258.72	13,368.87	7,111.00	242.04	181.46	-86.89	-2,029.76	-5,006.71	3,423.67	3,094.28	329.39	10.394		
15,600.00	7,258.90	13,368.87	7,111.00	244.87	181.46	-86.89	-2,029.76	-5,006.71	3,487.68	3,161.96	325.72	10.708		
15,700.00	7,259.08	13,368.87	7,111.00	247.70	181.46	-86.89	-2,029.76	-5,006.71	3,553.34	3,231.30	322.04	11.034		
15,800.00	7,259.25	13,368.87	7,111.00	250.53	181.46	-86.89	-2,029.76	-5,006.71	3,620.58	3,302.20	318.37	11.372		
15,900.00	7,259.43	13,368.87	7,111.00	253.36	181.46	-86.89	-2,029.76	-5,006.71	3,689.30	3,374.57	314.73	11.722		
16,000.00	7,259.61	13,368.87	7,111.00	256.19	181.46	-86.89	-2,029.76	-5,006.71	3,759.42	3,448.31	311.11	12.084		
16,100.00	7,259.78	13,368.87	7,111.00	259.02	181.46	-86.89	-2,029.76	-5,006.71	3,830.87	3,523.34	307.53	12.457		
16,200.00	7,259.96	13,368.87	7,111.00	261.85	181.46	-86.89	-2,029.76	-5,006.71	3,903.58	3,599.58	304.00	12.841		
16,300.00	7,260.14	13,368.87	7,111.00	264.68	181.46	-86.89	-2,029.76	-5,006.71	3,977.47	3,676.95	300.52	13.235		
16,400.00	7,260.32	13,368.87	7,111.00	267.52	181.46	-86.89	-2,029.76	-5,006.71	4,052.48	3,755.39	297.10	13.640		
16,500.00	7,260.49	13,368.87	7,111.00	270.35	181.46	-86.89	-2,029.76	-5,006.71	4,128.56	3,834.82	293.73	14.055		
16,600.00	7,260.67	13,368.87	7,111.00	273.19	181.46	-86.89	-2,029.76	-5,006.71	4,205.63	3,915.19	290.43	14.480		
16,700.00	7,260.85	13,368.87	7,111.00	276.02	181.46	-86.89	-2,029.76	-5,006.71	4,283.65	3,996.45	287.20	14.915		
16,800.00	7,261.02	13,368.87	7,111.00	278.86	181.46	-86.89	-2,029.76	-5,006.71	4,362.57	4,078.53	284.04	15.359		
16,900.00	7,261.20	13,368.87	7,111.00	281.69	181.46	-86.89	-2,029.76	-5,006.71	4,442.33	4,161.39	280.94	15.812		
17,000.00	7,261.38	13,368.87	7,111.00	284.53	181.46	-86.89	-2,029.76	-5,006.71	4,522.91	4,244.99	277.92	16.274		
17,100.00	7,261.56	13,368.87	7,111.00	287.37	181.46	-86.89	-2,029.76	-5,006.71	4,604.24	4,329.28	274.96	16.745		
17,200.00	7,261.73	13,368.87	7,111.00	290.21	181.46	-86.89	-2,029.76	-5,006.71	4,686.30	4,414.22	272.08	17.224		
17,300.00	7,261.91	13,368.87	7,111.00	293.04	181.46	-86.89	-2,029.76	-5,006.71	4,769.04	4,499.78	269.26	17.712		
17,400.00	7,262.09	13,368.87	7,111.00	295.88	181.46	-86.89	-2,029.76	-5,006.71	4,852.43	4,585.91	266.52	18.207		
17,500.00	7,262.26	13,368.87	7,111.00	298.72	181.46	-86.89	-2,029.76	-5,006.71	4,936.44	4,672.59	263.84	18.710		
17,600.00	7,262.44	13,368.87	7,111.00	301.56	181.46	-86.89	-2,029.76	-5,006.71	5,021.03	4,759.80	261.23	19.220		
17,700.00	7,262.62	13,368.87	7,111.00	304.40	181.46	-86.89	-2,029.76	-5,006.71	5,106.18	4,847.49	258.69	19.738		
17,800.00	7,262.80	13,368.87	7,111.00	307.24	181.46	-86.89	-2,029.76	-5,006.71	5,191.86	4,935.64	256.22	20.263		
17,900.00	7,262.97	13,368.87	7,111.00	310.08	181.46	-86.89	-2,029.76	-5,006.71	5,278.05	5,024.24	253.81	20.795		
18,000.00	7,263.15	13,368.87	7,111.00	312.92	181.46	-86.89	-2,029.76	-5,006.71	5,364.71	5,113.25	251.46	21.334		
18,100.00	7,263.33	13,368.87	7,111.00	315.76	181.46	-86.89	-2,029.76	-5,006.71	5,451.83	5,202.65	249.18	21.879		
18,200.00	7,263.50	13,368.87	7,111.00	318.61	181.46	-86.89	-2,029.76	-5,006.71	5,539.39	5,292.43	246.95	22.431		
18,300.00	7,263.68	13,368.87	7,111.00	321.45	181.46	-86.89	-2,029.76	-5,006.71	5,627.36	5,382.57	244.79	22.989		
18,400.00	7,263.86	13,368.87	7,111.00	324.29	181.46	-86.89	-2,029.76	-5,006.71	5,715.72	5,473.04	242.68	23.553		
18,500.00	7,264.04	13,368.87	7,111.00	327.13	181.46	-86.89	-2,029.76	-5,006.71	5,804.47	5,563.84	240.63	24.122		
18,600.00	7,264.21	13,368.87	7,111.00	329.97	181.46	-86.89	-2,029.76	-5,006.71	5,893.57	5,654.94	238.63	24.698		
18,700.00	7,264.39	13,368.87	7,111.00	332.82	181.46	-86.89	-2,029.76	-5,006.71	5,983.02	5,746.33	236.68	25.278		
18,800.00	7,264.57	13,368.87	7,111.00	335.66	181.46	-86.89	-2,029.76	-5,006.71	6,072.80	5,838.00	234.79	25.865		
18,900.00	7,264.74	13,368.87	7,111.00	338.51	181.46	-86.89	-2,029.76	-5,006.71	6,162.89	5,929.94	232.95	26.456		
19,000.00	7,264.92	13,368.87	7,111.00	341.35	181.46	-86.89	-2,029.76	-5,006.71	6,253.28	6,022.13	231.16	27.052		
19,044.52	7,265.00	13,368.87	7,111.00	342.62	181.46	-86.89	-2,029.76	-5,006.71	6,293.62	6,063.25	230.37	27.319		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-179.50	-255.01	-2.22	255.02					
100.00	100.00	100.00	100.00	3.28	3.28	-179.50	-255.01	-2.22	255.02	248.45	6.57	38.819		
200.00	200.00	200.00	200.00	3.34	3.34	-179.50	-255.01	-2.22	255.02	248.35	6.67	38.211 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	115.28	-255.01	-2.22	255.76	248.87	6.89	37.129		
400.00	399.84	392.38	392.36	3.60	3.58	116.04	-256.36	-1.60	259.48	252.29	7.19	36.079		
500.00	499.45	484.36	484.23	3.81	3.76	117.01	-260.39	0.27	267.68	260.10	7.59	35.289		
600.00	598.70	575.63	575.21	4.06	3.96	118.13	-267.03	3.35	280.42	272.36	8.06	34.803		
700.00	697.47	665.91	664.92	4.34	4.20	119.31	-276.18	7.59	297.71	289.12	8.59	34.646		
800.00	795.62	754.94	753.03	4.66	4.45	120.48	-287.71	12.94	319.54	310.36	9.18	34.811		
824.00	819.08	776.09	773.90	4.75	4.52	120.75	-290.82	14.38	325.45	316.13	9.33	34.888		
900.00	893.28	842.65	839.41	5.02	4.74	121.79	-301.50	19.33	345.36	335.56	9.80	35.229		
1,000.00	990.92	929.33	924.28	5.40	5.04	122.79	-317.47	26.74	373.83	363.38	10.45	35.779		
1,100.00	1,088.56	1,014.87	1,007.47	5.80	5.37	123.42	-335.51	35.11	404.72	393.60	11.12	36.399		
1,200.00	1,186.19	1,099.13	1,088.81	6.21	5.71	123.75	-355.47	44.37	437.92	426.12	11.80	37.100		
1,300.00	1,283.83	1,182.01	1,168.14	6.64	6.08	123.86	-377.22	54.45	473.35	460.85	12.50	37.868		
1,400.00	1,381.47	1,263.40	1,245.34	7.08	6.46	123.78	-400.59	65.29	510.92	497.72	13.20	38.702		
1,500.00	1,479.10	1,343.21	1,320.31	7.53	6.86	123.56	-425.43	76.81	550.60	536.70	13.91	39.597		
1,600.00	1,576.74	1,421.38	1,392.96	7.99	7.27	123.23	-451.58	88.94	592.33	577.73	14.61	40.552		
1,700.00	1,674.38	1,497.83	1,463.23	8.45	7.69	122.83	-478.90	101.60	636.08	620.77	15.30	41.564		
1,800.00	1,772.02	1,572.51	1,531.08	8.92	8.13	122.38	-507.21	114.74	681.78	665.79	16.00	42.624		
1,900.00	1,869.65	1,645.40	1,598.48	9.39	8.58	121.88	-536.38	128.26	729.41	712.74	16.67	43.744		
2,000.00	1,967.29	1,731.16	1,672.88	9.87	9.13	121.31	-571.73	144.66	778.17	760.66	17.50	44.457		
2,100.00	2,064.93	1,818.21	1,750.42	10.35	9.70	120.79	-607.62	161.30	826.98	808.62	18.36	45.038		
2,200.00	2,162.56	1,905.25	1,827.96	10.83	10.29	120.33	-643.51	177.95	875.84	856.61	19.23	45.540		
2,300.00	2,260.20	2,007.70	1,905.50	11.32	10.99	119.92	-679.40	194.59	924.74	904.54	20.20	45.776		
2,400.00	2,357.84	2,079.35	1,983.04	11.80	11.49	119.56	-715.29	211.23	973.67	952.66	21.01	46.351		
2,500.00	2,455.48	2,166.40	2,060.58	12.29	12.10	119.22	-751.17	227.88	1,022.63	1,000.72	21.91	46.681		
2,600.00	2,553.11	2,253.45	2,138.12	12.78	12.71	118.92	-787.06	244.52	1,071.61	1,048.79	22.81	46.971		
2,700.00	2,650.75	2,340.49	2,215.66	13.27	13.34	118.64	-822.95	261.16	1,120.61	1,096.88	23.73	47.226		
2,800.00	2,748.39	2,427.54	2,293.20	13.77	13.96	118.39	-858.84	277.81	1,169.63	1,144.99	24.65	47.452		
2,900.00	2,846.02	2,514.59	2,370.73	14.26	14.59	118.15	-894.73	294.45	1,218.67	1,193.10	25.57	47.653		
3,000.00	2,943.66	2,601.64	2,448.27	14.76	15.23	117.94	-930.61	311.09	1,267.72	1,241.22	26.50	47.832		
3,100.00	3,041.30	2,688.68	2,525.81	15.25	15.86	117.74	-966.50	327.74	1,316.79	1,289.35	27.44	47.991		
3,200.00	3,138.94	2,775.73	2,603.35	15.75	16.50	117.55	-1,002.39	344.38	1,365.87	1,337.49	28.38	48.135		
3,300.00	3,236.57	2,862.78	2,680.89	16.25	17.14	117.38	-1,038.28	361.02	1,414.95	1,385.63	29.32	48.263		
3,400.00	3,334.21	2,949.83	2,758.43	16.75	17.79	117.22	-1,074.17	377.67	1,464.05	1,433.79	30.26	48.380		
3,500.00	3,431.85	3,036.87	2,835.97	17.25	18.43	117.07	-1,110.05	394.31	1,513.15	1,481.94	31.21	48.485		
3,600.00	3,529.48	3,123.92	2,913.51	17.75	19.08	116.93	-1,145.94	410.95	1,562.26	1,530.10	32.16	48.580		
3,700.00	3,627.12	3,210.97	2,991.05	18.25	19.73	116.80	-1,181.83	427.60	1,611.38	1,578.27	33.11	48.667		
3,800.00	3,724.76	3,301.98	3,068.59	18.75	20.41	116.67	-1,217.72	444.24	1,660.50	1,626.41	34.09	48.711		
3,900.00	3,822.40	3,385.06	3,146.13	19.25	21.03	116.56	-1,253.60	460.88	1,709.63	1,674.61	35.02	48.817		
4,000.00	3,920.03	3,472.11	3,223.67	19.75	21.69	116.44	-1,289.49	477.53	1,758.77	1,722.79	35.98	48.883		
4,100.00	4,017.67	3,559.16	3,301.21	20.25	22.34	116.34	-1,325.38	494.17	1,807.90	1,770.97	36.94	48.943		
4,200.00	4,115.31	3,646.21	3,378.74	20.76	22.99	116.24	-1,361.27	510.81	1,857.05	1,819.15	37.90	48.998		
4,300.00	4,212.94	3,733.25	3,456.28	21.26	23.65	116.15	-1,397.16	527.46	1,906.20	1,867.33	38.86	49.049		
4,400.00	4,310.58	3,820.30	3,533.82	21.76	24.31	116.06	-1,433.04	544.10	1,955.35	1,915.52	39.83	49.096		
4,500.00	4,408.22	3,907.35	3,611.36	22.27	24.96	115.97	-1,468.93	560.74	2,004.50	1,963.71	40.79	49.139		
4,600.00	4,505.86	3,994.40	3,688.90	22.77	25.62	115.89	-1,504.82	577.39	2,053.66	2,011.90	41.76	49.179		
4,700.00	4,603.49	4,081.44	3,766.44	23.28	26.28	115.81	-1,540.71	594.03	2,102.82	2,060.09	42.73	49.215		
4,800.00	4,701.13	4,168.49	3,843.98	23.78	26.94	115.74	-1,576.60	610.67	2,151.98	2,108.29	43.70	49.249		
4,900.00	4,798.77	4,255.54	3,921.52	24.28	27.60	115.67	-1,612.48	627.32	2,201.15	2,156.48	44.67	49.280		
5,000.00	4,896.40	4,342.59	3,999.06	24.79	28.26	115.60	-1,648.37	643.96	2,250.32	2,204.68	45.64	49.309		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	4,429.63	4,076.60	25.30	28.92	115.54	-1,684.26	660.60	2,299.49	2,252.88	46.61	49.336		
5,200.00	5,091.68	4,516.68	4,154.14	25.80	29.58	115.48	-1,720.15	677.25	2,348.66	2,301.08	47.58	49.361		
5,300.00	5,189.32	4,603.73	4,231.68	26.31	30.24	115.42	-1,756.04	693.89	2,397.84	2,349.28	48.55	49.384		
5,400.00	5,286.95	4,709.22	4,309.22	26.81	31.04	115.36	-1,791.92	710.53	2,447.01	2,397.37	49.64	49.292		
5,500.00	5,384.59	4,777.82	4,386.75	27.32	31.57	115.31	-1,827.81	727.18	2,496.19	2,445.69	50.50	49.426		
5,600.00	5,482.23	4,864.87	4,464.29	27.82	32.23	115.25	-1,863.70	743.82	2,545.37	2,493.89	51.48	49.444		
5,700.00	5,579.87	4,951.92	4,541.83	28.33	32.89	115.20	-1,899.59	760.46	2,594.55	2,542.10	52.46	49.462		
5,800.00	5,677.50	5,038.97	4,619.37	28.84	33.55	115.15	-1,935.47	777.11	2,643.74	2,590.30	53.43	49.478		
5,900.00	5,775.14	5,126.01	4,696.91	29.34	34.22	115.11	-1,971.36	793.75	2,692.92	2,638.51	54.41	49.492		
6,000.00	5,872.78	5,213.06	4,774.45	29.85	34.88	115.06	-2,007.25	810.39	2,742.11	2,686.72	55.39	49.506		
6,100.00	5,970.41	5,300.11	4,851.99	30.36	35.54	115.02	-2,043.14	827.04	2,791.29	2,734.93	56.37	49.519		
6,200.00	6,068.05	5,387.16	4,929.53	30.86	36.21	114.98	-2,079.03	843.68	2,840.48	2,783.14	57.35	49.531		
6,300.00	6,165.69	5,474.20	5,007.07	31.37	36.87	114.94	-2,114.91	860.32	2,889.67	2,831.34	58.33	49.542		
6,400.00	6,263.33	5,561.25	5,084.61	31.88	37.54	114.90	-2,150.80	876.97	2,938.86	2,879.55	59.31	49.552		
6,500.00	6,360.96	5,648.30	5,162.15	32.38	38.20	114.86	-2,186.69	893.61	2,988.05	2,927.76	60.29	49.561		
6,600.00	6,458.60	5,735.35	5,239.69	32.89	38.87	114.82	-2,222.58	910.25	3,037.25	2,975.98	61.27	49.570		
6,628.42	6,486.35	5,760.09	5,261.72	33.04	39.06	114.81	-2,232.78	914.99	3,051.23	2,989.68	61.55	49.573		
6,650.00	6,507.49	5,778.86	5,278.45	33.14	39.20	120.21	-2,240.52	918.57	3,061.84	3,000.08	61.76	49.577		
6,700.00	6,556.88	5,822.18	5,317.03	33.37	39.53	140.36	-2,258.38	926.86	3,086.38	3,024.16	62.22	49.603		
6,750.00	6,606.60	5,865.04	5,355.21	33.58	39.86	-178.70	-2,276.05	935.05	3,110.74	3,048.09	62.65	49.652		
6,800.00	6,656.35	5,907.17	5,392.74	33.76	40.18	-134.19	-2,293.42	943.11	3,134.79	3,071.73	63.05	49.717		
6,850.00	6,705.83	5,948.31	5,429.38	33.94	40.50	-111.56	-2,310.38	950.97	3,158.43	3,094.99	63.43	49.790		
6,900.00	6,754.72	5,988.21	5,464.93	34.12	40.80	-100.12	-2,326.83	958.60	3,181.56	3,117.76	63.80	49.865		
6,950.00	6,802.72	6,026.62	5,499.14	34.31	41.09	-93.14	-2,342.66	965.95	3,204.12	3,139.96	64.16	49.940		
7,000.00	6,849.54	6,063.31	5,531.82	34.50	41.37	-88.26	-2,357.79	972.96	3,226.03	3,161.52	64.51	50.012		
7,050.00	6,894.89	6,101.96	5,562.76	34.71	41.67	-84.55	-2,372.11	979.60	3,247.23	3,182.36	64.87	50.060		
7,100.00	6,938.49	6,130.62	5,591.78	34.93	41.89	-81.56	-2,385.54	985.83	3,267.67	3,202.49	65.17	50.138		
7,150.00	6,980.07	6,160.82	5,618.69	35.17	42.12	-79.06	-2,397.99	991.61	3,287.31	3,221.81	65.50	50.187		
7,200.00	7,019.38	6,188.48	5,643.32	35.43	42.33	-76.92	-2,409.39	996.89	3,306.11	3,240.28	65.83	50.225		
7,250.00	7,056.17	6,213.41	5,665.53	35.71	42.52	-75.04	-2,419.67	1,001.66	3,324.03	3,257.88	66.15	50.246		
7,300.00	7,090.21	6,235.47	5,685.18	36.03	42.69	-73.38	-2,428.77	1,005.88	3,341.05	3,274.56	66.49	50.250		
7,350.00	7,121.30	6,254.51	5,702.14	36.37	42.84	-71.88	-2,436.62	1,009.52	3,357.13	3,290.29	66.83	50.232		
7,400.00	7,149.25	6,270.43	5,716.32	36.75	42.96	-70.52	-2,443.18	1,012.56	3,372.23	3,305.04	67.19	50.190		
7,450.00	7,173.87	6,283.12	5,727.62	37.17	43.06	-69.28	-2,448.41	1,014.99	3,386.32	3,318.76	67.56	50.124		
7,500.00	7,195.03	6,307.50	5,735.98	37.62	43.24	-68.15	-2,452.28	1,016.78	3,399.37	3,331.34	68.04	49.964		
7,550.00	7,212.58	6,301.48	5,741.34	38.11	43.20	-67.11	-2,454.76	1,017.93	3,411.34	3,342.97	68.36	49.899		
7,600.00	7,226.43	6,301.14	5,743.68	38.64	43.19	-66.15	-2,455.84	1,018.43	3,422.17	3,353.41	68.76	49.768		
7,650.00	7,236.48	6,300.34	5,742.96	39.20	43.19	-65.28	-2,455.51	1,018.28	3,431.82	3,362.63	69.19	49.601		
7,700.00	7,242.68	6,296.13	5,739.21	39.79	43.16	-64.50	-2,453.78	1,017.48	3,440.24	3,370.62	69.62	49.414		
7,753.32	7,245.00	6,287.91	5,731.89	40.44	43.09	-63.75	-2,450.39	1,015.90	3,447.81	3,377.73	70.08	49.197		
7,800.00	7,245.08	6,279.04	5,723.99	41.04	43.02	-63.61	-2,446.73	1,014.21	3,454.07	3,383.57	70.50	48.993		
7,900.00	7,245.26	6,260.05	5,707.08	42.43	42.88	-63.29	-2,438.90	1,010.58	3,469.49	3,397.99	71.50	48.526		
8,000.00	7,245.43	6,241.06	5,690.16	43.97	42.73	-62.98	-2,431.07	1,006.95	3,487.60	3,414.99	72.61	48.035		
8,100.00	7,245.61	6,222.06	5,673.24	45.64	42.59	-62.67	-2,423.24	1,003.31	3,508.36	3,434.56	73.80	47.536		
8,200.00	7,245.79	6,203.07	5,656.32	47.42	42.44	-62.36	-2,415.41	999.68	3,531.74	3,456.66	75.07	47.043		
8,300.00	7,245.97	6,184.07	5,639.40	49.30	42.30	-62.05	-2,407.58	996.05	3,557.67	3,481.27	76.40	46.568		
8,400.00	7,246.14	6,165.08	5,622.48	51.28	42.15	-61.73	-2,399.75	992.42	3,586.10	3,508.34	77.76	46.118		
8,500.00	7,246.32	6,146.09	5,605.56	53.34	42.01	-61.42	-2,391.92	988.79	3,616.97	3,537.83	79.14	45.701		
8,600.00	7,246.50	6,127.09	5,588.64	55.46	41.86	-61.11	-2,384.09	985.16	3,650.23	3,569.69	80.54	45.322		
8,700.00	7,246.67	6,108.10	5,571.72	57.66	41.72	-60.80	-2,376.26	981.52	3,685.80	3,603.86	81.94	44.983		
8,800.00	7,246.85	6,089.10	5,554.80	59.90	41.57	-60.49	-2,368.42	977.89	3,723.62	3,640.29	83.33	44.687		
8,900.00	7,247.03	9,461.10	7,238.65	62.20	67.57	-89.87	-3,137.63	-575.98	3,755.46	3,627.58	127.87	29.368		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	9,561.10	7,239.23	64.55	69.60	-89.88	-3,137.36	-675.98	3,755.27	3,622.81	132.46	28.350		
9,100.00	7,247.38	9,661.10	7,239.81	66.93	71.72	-89.88	-3,137.10	-775.98	3,755.09	3,617.95	137.14	27.382		
9,200.00	7,247.56	9,761.10	7,240.39	69.35	73.90	-89.89	-3,136.84	-875.98	3,754.90	3,613.02	141.88	26.464		
9,300.00	7,247.74	9,861.09	7,240.97	71.80	76.14	-89.90	-3,136.58	-975.97	3,754.72	3,608.01	146.70	25.594		
9,400.00	7,247.91	9,961.09	7,241.55	74.29	78.43	-89.90	-3,136.32	-1,075.97	3,754.53	3,602.95	151.58	24.769		
9,500.00	7,248.09	10,061.09	7,242.13	76.79	80.76	-89.91	-3,136.06	-1,175.97	3,754.35	3,597.83	156.52	23.986		
9,600.00	7,248.27	10,161.09	7,242.71	79.33	83.14	-89.92	-3,135.80	-1,275.96	3,754.16	3,592.65	161.51	23.244		
9,700.00	7,248.45	10,261.09	7,243.29	81.88	85.55	-89.92	-3,135.54	-1,375.96	3,753.98	3,587.43	166.55	22.540		
9,800.00	7,248.62	10,361.09	7,243.87	84.45	87.99	-89.93	-3,135.27	-1,475.96	3,753.79	3,582.17	171.63	21.872		
9,900.00	7,248.80	10,461.09	7,244.46	87.04	90.46	-89.93	-3,135.01	-1,575.95	3,753.61	3,576.86	176.75	21.237		
10,000.00	7,248.98	10,561.09	7,245.04	89.65	92.96	-89.94	-3,134.75	-1,675.95	3,753.43	3,571.53	181.90	20.635		
10,100.00	7,249.15	10,661.09	7,245.62	92.28	95.48	-89.95	-3,134.49	-1,775.95	3,753.24	3,566.16	187.09	20.061		
10,200.00	7,249.33	10,761.09	7,246.20	94.91	98.02	-89.95	-3,134.23	-1,875.95	3,753.06	3,560.75	192.30	19.516		
10,300.00	7,249.51	10,861.09	7,246.78	97.56	100.58	-89.96	-3,133.97	-1,975.94	3,752.87	3,555.32	197.55	18.997		
10,400.00	7,249.69	10,961.08	7,247.36	100.22	103.15	-89.96	-3,133.71	-2,075.94	3,752.69	3,549.87	202.82	18.503		
10,500.00	7,249.86	11,061.08	7,247.94	102.89	105.75	-89.97	-3,133.45	-2,175.94	3,752.51	3,544.39	208.11	18.031		
10,600.00	7,250.04	11,161.08	7,248.52	105.57	108.35	-89.98	-3,133.18	-2,275.93	3,752.32	3,538.89	213.43	17.581		
10,700.00	7,250.22	11,261.08	7,249.10	108.27	110.98	-89.98	-3,132.92	-2,375.93	3,752.14	3,533.37	218.77	17.151		
10,800.00	7,250.39	11,361.08	7,249.68	110.96	113.61	-89.99	-3,132.66	-2,475.93	3,751.95	3,527.83	224.12	16.741		
10,900.00	7,250.57	11,461.08	7,250.27	113.67	116.26	-90.00	-3,132.40	-2,575.92	3,751.77	3,522.27	229.50	16.348		
11,000.00	7,250.75	11,561.08	7,250.85	116.39	118.91	-90.00	-3,132.14	-2,675.92	3,751.59	3,516.70	234.89	15.972		
11,100.00	7,250.93	11,661.08	7,251.43	119.11	121.58	-90.01	-3,131.88	-2,775.92	3,751.40	3,511.11	240.29	15.612		
11,200.00	7,251.10	11,761.08	7,252.01	121.83	124.25	-90.01	-3,131.62	-2,875.92	3,751.22	3,505.51	245.71	15.267		
11,300.00	7,251.28	11,861.08	7,252.59	124.57	126.94	-90.02	-3,131.36	-2,975.91	3,751.04	3,499.89	251.14	14.936		
11,400.00	7,251.46	11,961.07	7,253.17	127.31	129.63	-90.03	-3,131.10	-3,075.91	3,750.85	3,494.26	256.59	14.618		
11,500.00	7,251.63	12,061.07	7,253.75	130.05	132.33	-90.03	-3,130.83	-3,175.91	3,750.67	3,488.62	262.04	14.313		
11,600.00	7,251.81	12,161.07	7,254.33	132.80	135.04	-90.04	-3,130.57	-3,275.90	3,750.49	3,482.97	267.51	14.020		
11,700.00	7,251.99	12,261.07	7,254.91	135.55	137.75	-90.04	-3,130.31	-3,375.90	3,750.30	3,477.31	272.99	13.738		
11,800.00	7,252.17	12,361.07	7,255.49	138.31	140.47	-90.05	-3,130.05	-3,475.90	3,750.12	3,471.64	278.48	13.466		
11,900.00	7,252.34	12,461.07	7,256.08	141.07	143.19	-90.06	-3,129.79	-3,575.89	3,749.93	3,465.96	283.98	13.205		
12,000.00	7,252.52	12,561.07	7,256.66	143.84	145.93	-90.06	-3,129.53	-3,675.89	3,749.75	3,460.27	289.48	12.953		
12,100.00	7,252.70	12,661.07	7,257.24	146.61	148.66	-90.07	-3,129.27	-3,775.89	3,749.57	3,454.57	294.99	12.711		
12,200.00	7,252.87	12,761.07	7,257.82	149.38	151.40	-90.08	-3,129.01	-3,875.89	3,749.38	3,448.87	300.52	12.476		
12,300.00	7,253.05	12,861.07	7,258.40	152.16	154.15	-90.08	-3,128.74	-3,975.88	3,749.20	3,443.16	306.04	12.250		
12,400.00	7,253.23	12,961.06	7,258.98	154.94	156.90	-90.09	-3,128.48	-4,075.88	3,749.02	3,437.44	311.58	12.032		
12,500.00	7,253.41	13,061.06	7,259.56	157.72	159.65	-90.09	-3,128.22	-4,175.88	3,748.84	3,431.71	317.12	11.821		
12,600.00	7,253.58	13,161.06	7,260.14	160.51	162.41	-90.10	-3,127.96	-4,275.87	3,748.65	3,425.98	322.67	11.618		
12,700.00	7,253.76	13,261.06	7,260.72	163.29	165.17	-90.11	-3,127.70	-4,375.87	3,748.47	3,420.24	328.23	11.420		
12,800.00	7,253.94	13,361.06	7,261.30	166.08	167.93	-90.11	-3,127.44	-4,475.87	3,748.29	3,414.50	333.79	11.230		
12,900.00	7,254.11	13,461.06	7,261.89	168.88	170.70	-90.12	-3,127.18	-4,575.86	3,748.10	3,408.75	339.35	11.045		
12,927.21	7,254.16	13,488.27	7,262.04	169.64	171.45	-90.12	-3,127.11	-4,603.08	3,748.05	3,407.19	340.87	10.996		
13,000.00	7,254.29	13,480.77	7,262.00	171.67	171.24	-90.12	-3,127.13	-4,595.58	3,748.78	3,406.31	342.47	10.946		
13,100.00	7,254.47	13,480.77	7,262.00	174.47	171.24	-90.12	-3,127.13	-4,595.58	3,752.07	3,407.29	344.78	10.882		
13,200.00	7,254.65	13,480.77	7,262.00	177.27	171.24	-90.12	-3,127.13	-4,595.58	3,758.02	3,411.16	346.86	10.834		
13,300.00	7,254.82	13,480.77	7,262.00	180.07	171.24	-90.12	-3,127.13	-4,595.58	3,766.62	3,417.92	348.70	10.802		
13,400.00	7,255.00	13,480.77	7,262.00	182.87	171.24	-90.12	-3,127.13	-4,595.58	3,777.84	3,427.54	350.31	10.784		
13,500.00	7,255.18	13,480.77	7,262.00	185.67	171.24	-90.12	-3,127.13	-4,595.58	3,791.67	3,439.99	351.68	10.782 SF		
13,600.00	7,255.35	13,480.77	7,262.00	188.48	171.24	-90.12	-3,127.13	-4,595.58	3,808.08	3,455.26	352.82	10.793		
13,700.00	7,255.53	13,480.77	7,262.00	191.29	171.24	-90.12	-3,127.13	-4,595.58	3,827.03	3,473.30	353.73	10.819		
13,800.00	7,255.71	13,480.77	7,262.00	194.10	171.24	-90.12	-3,127.13	-4,595.58	3,848.49	3,494.07	354.41	10.859		
13,900.00	7,255.89	13,480.77	7,262.00	196.91	171.24	-90.12	-3,127.13	-4,595.58	3,872.41	3,517.53	354.88	10.912		
14,000.00	7,256.06	13,480.77	7,262.00	199.72	171.24	-90.12	-3,127.13	-4,595.58	3,898.75	3,543.61	355.13	10.978		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	13,480.77	7,262.00	202.53	171.24	-90.12	-3,127.13	-4,595.58	3,927.46	3,572.27	355.18	11.058		
14,200.00	7,256.42	13,480.77	7,262.00	205.35	171.24	-90.12	-3,127.13	-4,595.58	3,958.48	3,603.44	355.04	11.149		
14,300.00	7,256.59	13,480.77	7,262.00	208.16	171.24	-90.12	-3,127.13	-4,595.58	3,991.78	3,637.06	354.71	11.254		
14,400.00	7,256.77	13,480.77	7,262.00	210.98	171.24	-90.12	-3,127.13	-4,595.58	4,027.28	3,673.07	354.21	11.370		
14,500.00	7,256.95	13,480.77	7,262.00	213.80	171.24	-90.12	-3,127.13	-4,595.58	4,064.93	3,711.38	353.54	11.498		
14,600.00	7,257.13	13,480.77	7,262.00	216.62	171.24	-90.12	-3,127.13	-4,595.58	4,104.67	3,751.95	352.72	11.637		
14,700.00	7,257.30	13,480.77	7,262.00	219.44	171.24	-90.12	-3,127.13	-4,595.58	4,146.45	3,794.69	351.76	11.788		
14,800.00	7,257.48	13,480.77	7,262.00	222.26	171.24	-90.12	-3,127.13	-4,595.58	4,190.19	3,839.53	350.66	11.949		
14,900.00	7,257.66	13,480.77	7,262.00	225.08	171.24	-90.12	-3,127.13	-4,595.58	4,235.85	3,886.40	349.44	12.122		
15,000.00	7,257.83	13,480.77	7,262.00	227.91	171.24	-90.12	-3,127.13	-4,595.58	4,283.35	3,935.24	348.11	12.304		
15,100.00	7,258.01	13,480.77	7,262.00	230.73	171.24	-90.12	-3,127.13	-4,595.58	4,332.64	3,985.96	346.68	12.497		
15,200.00	7,258.19	13,480.77	7,262.00	233.56	171.24	-90.12	-3,127.13	-4,595.58	4,383.66	4,038.50	345.16	12.700		
15,300.00	7,258.37	13,480.77	7,262.00	236.38	171.24	-90.12	-3,127.13	-4,595.58	4,436.34	4,092.79	343.55	12.913		
15,400.00	7,258.54	13,480.77	7,262.00	239.21	171.24	-90.12	-3,127.13	-4,595.58	4,490.64	4,148.76	341.87	13.135		
15,500.00	7,258.72	13,480.77	7,262.00	242.04	171.24	-90.12	-3,127.13	-4,595.58	4,546.48	4,206.35	340.13	13.367		
15,600.00	7,258.90	13,480.77	7,262.00	244.87	171.24	-90.12	-3,127.13	-4,595.58	4,603.82	4,265.49	338.33	13.607		
15,700.00	7,259.08	13,480.77	7,262.00	247.70	171.24	-90.12	-3,127.13	-4,595.58	4,662.61	4,326.12	336.49	13.857		
15,800.00	7,259.25	13,480.77	7,262.00	250.53	171.24	-90.12	-3,127.13	-4,595.58	4,722.77	4,388.17	334.60	14.115		
15,900.00	7,259.43	13,480.77	7,262.00	253.36	171.24	-90.12	-3,127.13	-4,595.58	4,784.27	4,451.60	332.67	14.381		
16,000.00	7,259.61	13,480.77	7,262.00	256.19	171.24	-90.12	-3,127.13	-4,595.58	4,847.06	4,516.33	330.72	14.656		
16,100.00	7,259.78	13,480.77	7,262.00	259.02	171.24	-90.12	-3,127.13	-4,595.58	4,911.07	4,582.32	328.75	14.939		
16,200.00	7,259.96	13,480.77	7,262.00	261.85	171.24	-90.12	-3,127.13	-4,595.58	4,976.28	4,649.51	326.76	15.229		
16,300.00	7,260.14	13,480.77	7,262.00	264.68	171.24	-90.12	-3,127.13	-4,595.58	5,042.62	4,717.86	324.76	15.527		
16,400.00	7,260.32	13,480.77	7,262.00	267.52	171.24	-90.12	-3,127.13	-4,595.58	5,110.06	4,787.30	322.75	15.833		
16,500.00	7,260.49	13,480.77	7,262.00	270.35	171.24	-90.12	-3,127.13	-4,595.58	5,178.55	4,857.81	320.74	16.146		
16,600.00	7,260.67	13,480.77	7,262.00	273.19	171.24	-90.12	-3,127.13	-4,595.58	5,248.05	4,929.32	318.73	16.465		
16,700.00	7,260.85	13,480.77	7,262.00	276.02	171.24	-90.12	-3,127.13	-4,595.58	5,318.53	5,001.80	316.72	16.792		
16,800.00	7,261.02	13,480.77	7,262.00	278.86	171.24	-90.12	-3,127.13	-4,595.58	5,389.94	5,075.21	314.73	17.126		
16,900.00	7,261.20	13,480.77	7,262.00	281.69	171.24	-90.12	-3,127.13	-4,595.58	5,462.25	5,149.51	312.74	17.466		
17,000.00	7,261.38	13,480.77	7,262.00	284.53	171.24	-90.12	-3,127.13	-4,595.58	5,535.41	5,224.65	310.76	17.813		
17,100.00	7,261.56	13,480.77	7,262.00	287.37	171.24	-90.12	-3,127.13	-4,595.58	5,609.41	5,300.61	308.80	18.165		
17,200.00	7,261.73	13,480.77	7,262.00	290.21	171.24	-90.12	-3,127.13	-4,595.58	5,684.20	5,377.35	306.85	18.524		
17,300.00	7,261.91	13,480.77	7,262.00	293.04	171.24	-90.12	-3,127.13	-4,595.58	5,759.76	5,454.84	304.93	18.889		
17,400.00	7,262.09	13,480.77	7,262.00	295.88	171.24	-90.12	-3,127.13	-4,595.58	5,836.06	5,533.04	303.02	19.260		
17,500.00	7,262.26	13,480.77	7,262.00	298.72	171.24	-90.12	-3,127.13	-4,595.58	5,913.06	5,611.92	301.14	19.636		
17,600.00	7,262.44	13,480.77	7,262.00	301.56	171.24	-90.12	-3,127.13	-4,595.58	5,990.74	5,691.46	299.27	20.018		
17,700.00	7,262.62	13,480.77	7,262.00	304.40	171.24	-90.12	-3,127.13	-4,595.58	6,069.07	5,771.63	297.44	20.405		
17,800.00	7,262.80	13,480.77	7,262.00	307.24	171.24	-90.12	-3,127.13	-4,595.58	6,148.03	5,852.41	295.62	20.797		
17,900.00	7,262.97	13,480.77	7,262.00	310.08	171.24	-90.12	-3,127.13	-4,595.58	6,227.60	5,933.76	293.83	21.194		
18,000.00	7,263.15	13,480.77	7,262.00	312.92	171.24	-90.12	-3,127.13	-4,595.58	6,307.75	6,015.68	292.07	21.597		
18,100.00	7,263.33	13,480.77	7,262.00	315.76	171.24	-90.12	-3,127.13	-4,595.58	6,388.46	6,098.12	290.34	22.004		
18,200.00	7,263.50	13,480.77	7,262.00	318.61	171.24	-90.12	-3,127.13	-4,595.58	6,469.70	6,181.08	288.63	22.416		
18,300.00	7,263.68	13,480.77	7,262.00	321.45	171.24	-90.12	-3,127.13	-4,595.58	6,551.47	6,264.53	286.94	22.832		
18,400.00	7,263.86	13,480.77	7,262.00	324.29	171.24	-90.12	-3,127.13	-4,595.58	6,633.73	6,348.45	285.29	23.253		
18,500.00	7,264.04	13,480.77	7,262.00	327.13	171.24	-90.12	-3,127.13	-4,595.58	6,716.48	6,432.82	283.66	23.678		
18,600.00	7,264.21	13,480.77	7,262.00	329.97	171.24	-90.12	-3,127.13	-4,595.58	6,799.69	6,517.63	282.06	24.107		
18,700.00	7,264.39	13,480.77	7,262.00	332.82	171.24	-90.12	-3,127.13	-4,595.58	6,883.35	6,602.86	280.48	24.541		
18,800.00	7,264.57	13,480.77	7,262.00	335.66	171.24	-90.12	-3,127.13	-4,595.58	6,967.44	6,688.50	278.94	24.979		
18,900.00	7,264.74	13,480.77	7,262.00	338.51	171.24	-90.12	-3,127.13	-4,595.58	7,051.94	6,774.52	277.42	25.420		
19,000.00	7,264.92	13,480.77	7,262.00	341.35	171.24	-90.12	-3,127.13	-4,595.58	7,136.84	6,860.92	275.92	25.865		
19,044.52	7,265.00	13,480.77	7,262.00	342.62	171.24	-90.12	-3,127.13	-4,595.58	7,174.77	6,899.50	275.27	26.065		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-179.54	-240.07	-1.95	240.08					
100.00	100.00	100.00	100.00	3.28	3.28	-179.54	-240.07	-1.95	240.08	233.51	6.57	36.546		
200.00	200.00	200.00	200.00	3.34	3.34	-179.54	-240.07	-1.95	240.08	233.41	6.67	35.972 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	115.27	-240.07	-1.95	240.82	233.93	6.89	34.960		
400.00	399.84	392.87	392.86	3.60	3.58	116.07	-241.42	-1.27	244.53	237.33	7.19	33.997		
500.00	499.45	485.37	485.24	3.81	3.76	117.09	-245.44	0.73	252.70	245.11	7.59	33.306		
600.00	598.70	577.17	576.73	4.06	3.97	118.25	-252.06	4.03	265.37	257.31	8.06	32.923		
700.00	697.47	667.99	666.98	4.34	4.20	119.45	-261.19	8.59	282.57	273.97	8.60	32.867		
800.00	795.62	757.59	755.64	4.66	4.46	120.63	-272.71	14.33	304.28	295.09	9.19	33.125		
824.00	819.08	778.88	776.65	4.75	4.53	120.90	-275.81	15.88	310.15	300.82	9.34	33.223		
900.00	893.28	845.89	842.59	5.02	4.75	121.94	-286.47	21.20	329.93	320.12	9.81	33.623		
1,000.00	990.92	933.18	928.04	5.40	5.06	122.89	-302.44	29.16	358.18	347.72	10.46	34.241		
1,100.00	1,088.56	1,019.34	1,011.81	5.80	5.39	123.46	-320.47	38.15	388.82	377.68	11.14	34.914		
1,200.00	1,186.19	1,104.23	1,093.71	6.21	5.74	123.73	-340.43	48.11	421.73	409.90	11.83	35.660		
1,300.00	1,283.83	1,187.74	1,173.60	6.64	6.11	123.75	-362.18	58.96	456.83	444.30	12.53	36.464		
1,400.00	1,381.47	1,269.76	1,251.35	7.08	6.49	123.59	-385.56	70.62	494.06	480.83	13.24	37.325		
1,500.00	1,479.10	1,350.20	1,326.84	7.53	6.90	123.28	-410.41	83.02	533.38	519.44	13.95	38.241		
1,600.00	1,576.74	1,428.98	1,399.99	7.99	7.31	122.88	-436.58	96.07	574.75	560.10	14.66	39.213		
1,700.00	1,674.38	1,506.04	1,470.73	8.45	7.75	122.40	-463.91	109.70	618.13	602.77	15.36	40.239		
1,800.00	1,772.02	1,581.33	1,539.03	8.92	8.19	121.87	-492.25	123.84	663.48	647.42	16.06	41.311		
1,900.00	1,869.65	1,663.18	1,612.51	9.39	8.70	121.26	-524.52	139.93	710.47	693.63	16.84	42.198		
2,000.00	1,967.29	1,751.07	1,691.33	9.87	9.26	120.68	-559.33	157.30	757.69	740.00	17.69	42.828		
2,100.00	2,064.93	1,838.97	1,770.15	10.35	9.84	120.16	-594.15	174.66	804.98	786.41	18.56	43.370		
2,200.00	2,162.56	1,926.87	1,848.97	10.83	10.43	119.71	-628.96	192.03	852.30	832.86	19.44	43.838		
2,300.00	2,260.20	2,014.77	1,927.79	11.32	11.02	119.30	-663.77	209.39	899.66	879.33	20.33	44.245		
2,400.00	2,357.84	2,102.67	2,006.61	11.80	11.63	118.93	-698.59	226.76	947.06	925.83	21.23	44.600		
2,500.00	2,455.48	2,209.43	2,085.43	12.29	12.37	118.60	-733.40	244.12	994.48	972.23	22.25	44.692		
2,600.00	2,553.11	2,278.46	2,164.25	12.78	12.85	118.29	-768.21	261.49	1,041.93	1,018.87	23.06	45.184		
2,700.00	2,650.75	2,366.36	2,243.07	13.27	13.48	118.01	-803.03	278.85	1,089.40	1,065.42	23.98	45.425		
2,800.00	2,748.39	2,454.26	2,321.89	13.77	14.10	117.76	-837.84	296.22	1,136.89	1,111.98	24.91	45.640		
2,900.00	2,846.02	2,542.16	2,400.71	14.26	14.73	117.53	-872.65	313.58	1,184.39	1,158.55	25.84	45.831		
3,000.00	2,943.66	2,630.06	2,479.53	14.76	15.36	117.31	-907.47	330.95	1,231.91	1,205.13	26.78	46.001		
3,100.00	3,041.30	2,717.96	2,558.35	15.25	16.00	117.11	-942.28	348.31	1,279.43	1,251.71	27.72	46.154		
3,200.00	3,138.94	2,805.86	2,637.17	15.75	16.63	116.93	-977.09	365.68	1,326.97	1,298.31	28.67	46.292		
3,300.00	3,236.57	2,906.25	2,715.99	16.25	17.36	116.75	-1,011.91	383.04	1,374.52	1,344.84	29.69	46.299		
3,400.00	3,334.21	2,981.65	2,794.81	16.75	17.91	116.59	-1,046.72	400.41	1,422.08	1,391.52	30.56	46.528		
3,500.00	3,431.85	3,069.55	2,873.63	17.25	18.56	116.44	-1,081.54	417.77	1,469.65	1,438.13	31.52	46.630		
3,600.00	3,529.48	3,157.45	2,952.45	17.75	19.20	116.30	-1,116.35	435.14	1,517.23	1,484.75	32.47	46.722		
3,700.00	3,627.12	3,245.35	3,031.27	18.25	19.85	116.17	-1,151.16	452.50	1,564.81	1,531.38	33.43	46.807		
3,800.00	3,724.76	3,333.25	3,110.09	18.75	20.50	116.04	-1,185.98	469.87	1,612.40	1,578.00	34.39	46.883		
3,900.00	3,822.40	3,421.15	3,188.91	19.25	21.14	115.93	-1,220.79	487.23	1,659.99	1,624.63	35.35	46.954		
4,000.00	3,920.03	3,509.04	3,267.73	19.75	21.79	115.81	-1,255.60	504.60	1,707.59	1,671.27	36.32	47.019		
4,100.00	4,017.67	3,603.06	3,346.55	20.25	22.49	115.71	-1,290.42	521.96	1,755.19	1,717.87	37.32	47.031		
4,200.00	4,115.31	3,684.84	3,425.37	20.76	23.10	115.61	-1,325.23	539.33	1,802.80	1,764.55	38.25	47.132		
4,300.00	4,212.94	3,772.74	3,504.19	21.26	23.75	115.52	-1,360.04	556.69	1,850.41	1,811.19	39.22	47.183		
4,400.00	4,310.58	3,860.64	3,583.01	21.76	24.40	115.43	-1,394.86	574.06	1,898.02	1,857.84	40.19	47.229		
4,500.00	4,408.22	3,948.54	3,661.83	22.27	25.06	115.34	-1,429.67	591.42	1,945.64	1,904.48	41.16	47.272		
4,600.00	4,505.86	4,036.43	3,740.65	22.77	25.71	115.26	-1,464.48	608.79	1,993.26	1,951.13	42.13	47.312		
4,700.00	4,603.49	4,124.33	3,819.47	23.28	26.37	115.18	-1,499.30	626.15	2,040.89	1,997.78	43.10	47.349		
4,800.00	4,701.13	4,212.23	3,898.29	23.78	27.02	115.11	-1,534.11	643.52	2,088.52	2,044.44	44.08	47.383		
4,900.00	4,798.77	4,300.13	3,977.11	24.28	27.68	115.04	-1,568.92	660.88	2,136.15	2,091.09	45.05	47.414		
5,000.00	4,896.40	4,388.03	4,055.93	24.79	28.33	114.97	-1,603.74	678.25	2,183.78	2,137.75	46.03	47.444		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	4,475.93	4,134.75	25.30	28.99	114.90	-1,638.55	695.61	2,231.41	2,184.41	47.01	47.471		
5,200.00	5,091.68	4,563.83	4,213.57	25.80	29.65	114.84	-1,673.37	712.98	2,279.05	2,231.07	47.98	47.497		
5,300.00	5,189.32	4,651.72	4,292.39	26.31	30.31	114.78	-1,708.18	730.34	2,326.69	2,277.73	48.96	47.521		
5,400.00	5,286.95	4,739.62	4,371.21	26.81	30.97	114.73	-1,742.99	747.71	2,374.33	2,324.39	49.94	47.543		
5,500.00	5,384.59	4,827.52	4,450.03	27.32	31.62	114.67	-1,777.81	765.07	2,421.97	2,371.05	50.92	47.563		
5,600.00	5,482.23	4,915.42	4,528.85	27.82	32.28	114.62	-1,812.62	782.44	2,469.61	2,417.71	51.90	47.583		
5,700.00	5,579.87	5,003.32	4,607.67	28.33	32.94	114.57	-1,847.43	799.80	2,517.26	2,464.38	52.88	47.601		
5,800.00	5,677.50	5,108.78	4,686.49	28.84	33.73	114.52	-1,882.25	817.17	2,564.91	2,510.93	53.97	47.522		
5,900.00	5,775.14	5,179.12	4,765.31	29.34	34.26	114.47	-1,917.06	834.53	2,612.55	2,557.71	54.85	47.633		
6,000.00	5,872.78	5,267.01	4,844.13	29.85	34.92	114.43	-1,951.87	851.90	2,660.20	2,604.37	55.83	47.648		
6,100.00	5,970.41	5,354.91	4,922.95	30.36	35.58	114.38	-1,986.69	869.26	2,707.86	2,651.04	56.81	47.662		
6,200.00	6,068.05	5,442.81	5,001.77	30.86	36.24	114.34	-2,021.50	886.63	2,755.51	2,697.71	57.80	47.675		
6,300.00	6,165.69	5,530.71	5,080.59	31.37	36.90	114.30	-2,056.31	903.99	2,803.16	2,744.38	58.78	47.686		
6,400.00	6,263.33	5,618.61	5,159.41	31.88	37.57	114.26	-2,091.13	921.36	2,850.81	2,791.05	59.77	47.698		
6,500.00	6,360.96	5,706.51	5,238.23	32.38	38.23	114.22	-2,125.94	938.72	2,898.47	2,837.72	60.75	47.708		
6,600.00	6,458.60	5,805.60	5,317.05	32.89	38.97	114.19	-2,160.75	956.09	2,946.13	2,884.32	61.81	47.665		
6,628.42	6,486.35	5,819.39	5,339.46	33.04	39.08	114.17	-2,170.65	961.02	2,959.67	2,897.65	62.02	47.720		
6,650.00	6,507.49	5,838.34	5,356.45	33.14	39.22	119.53	-2,178.16	964.77	2,969.96	2,907.73	62.23	47.725		
6,700.00	6,556.88	5,882.07	5,395.66	33.37	39.55	139.58	-2,195.47	973.41	2,993.77	2,931.07	62.69	47.752		
6,750.00	6,606.60	5,925.31	5,434.44	33.58	39.87	-179.57	-2,212.60	981.95	3,017.44	2,954.31	63.12	47.801		
6,800.00	6,656.35	5,967.80	5,472.54	33.76	40.19	-135.14	-2,229.43	990.34	3,040.85	2,977.33	63.53	47.868		
6,850.00	6,705.83	6,009.27	5,509.73	33.94	40.51	-112.60	-2,245.86	998.54	3,063.91	3,000.01	63.91	47.942		
6,900.00	6,754.72	6,049.48	5,545.78	34.12	40.81	-101.22	-2,261.78	1,006.48	3,086.54	3,022.26	64.28	48.020		
6,950.00	6,802.72	6,088.16	5,580.47	34.31	41.10	-94.29	-2,277.10	1,014.12	3,108.64	3,044.01	64.63	48.097		
7,000.00	6,849.54	6,125.09	5,613.58	34.50	41.38	-89.46	-2,291.73	1,021.42	3,130.17	3,065.19	64.98	48.173		
7,050.00	6,894.89	6,160.03	5,644.92	34.71	41.64	-85.79	-2,305.57	1,028.32	3,151.06	3,085.75	65.31	48.246		
7,100.00	6,938.49	6,192.78	5,674.28	34.93	41.89	-82.82	-2,318.54	1,034.79	3,171.28	3,105.64	65.64	48.312		
7,150.00	6,980.07	6,223.12	5,701.49	35.17	42.12	-80.34	-2,330.55	1,040.78	3,190.78	3,124.81	65.97	48.369		
7,200.00	7,019.38	6,250.87	5,726.38	35.43	42.32	-78.20	-2,341.54	1,046.27	3,209.52	3,143.23	66.29	48.416		
7,250.00	7,056.17	6,275.86	5,748.79	35.71	42.51	-76.32	-2,351.44	1,051.20	3,227.48	3,160.86	66.62	48.449		
7,300.00	7,090.21	6,302.06	5,768.59	36.03	42.71	-74.64	-2,360.19	1,055.57	3,244.62	3,177.65	66.97	48.447		
7,350.00	7,121.30	6,316.97	5,785.65	36.37	42.82	-73.12	-2,367.72	1,059.32	3,260.91	3,193.62	67.29	48.461		
7,400.00	7,149.25	6,332.83	5,799.87	36.75	42.94	-71.72	-2,374.01	1,062.46	3,276.32	3,208.68	67.64	48.437		
7,450.00	7,173.87	6,345.43	5,811.17	37.17	43.04	-70.44	-2,379.00	1,064.95	3,290.81	3,222.80	68.01	48.389		
7,500.00	7,195.03	6,354.68	5,819.46	37.62	43.11	-69.26	-2,382.66	1,066.77	3,304.35	3,235.96	68.39	48.317		
7,550.00	7,212.58	6,360.53	5,824.71	38.11	43.15	-68.16	-2,384.98	1,067.93	3,316.88	3,248.09	68.79	48.220		
7,600.00	7,226.43	6,362.95	5,826.88	38.64	43.17	-67.14	-2,385.94	1,068.41	3,328.37	3,259.17	69.20	48.101		
7,650.00	7,236.48	6,361.92	5,825.95	39.20	43.16	-66.19	-2,385.53	1,068.20	3,338.75	3,269.14	69.61	47.960		
7,700.00	7,242.68	6,357.44	5,821.94	39.79	43.13	-65.33	-2,383.75	1,067.32	3,347.98	3,277.94	70.04	47.801		
7,753.32	7,245.00	6,348.90	5,814.28	40.44	43.06	-64.49	-2,380.37	1,065.63	3,356.49	3,285.99	70.49	47.614		
7,800.00	7,245.08	6,339.74	5,806.06	41.04	42.99	-64.34	-2,376.74	1,063.82	3,363.60	3,292.70	70.90	47.439		
7,900.00	7,245.26	6,320.11	5,788.46	42.43	42.85	-64.01	-2,368.97	1,059.94	3,380.89	3,309.01	71.88	47.033		
8,000.00	7,245.43	6,300.48	5,770.86	43.97	42.70	-63.68	-2,361.19	1,056.07	3,400.91	3,327.94	72.97	46.607		
8,100.00	7,245.61	6,280.85	5,753.26	45.64	42.55	-63.34	-2,353.42	1,052.19	3,423.63	3,349.49	74.14	46.175		
8,200.00	7,245.79	6,261.23	5,735.66	47.42	42.40	-63.01	-2,345.65	1,048.31	3,448.99	3,373.60	75.39	45.751		
8,300.00	7,245.97	6,241.60	5,718.06	49.30	42.26	-62.68	-2,337.87	1,044.43	3,476.93	3,400.25	76.68	45.344		
8,400.00	7,246.14	6,221.97	5,700.46	51.28	42.11	-62.35	-2,330.10	1,040.56	3,507.38	3,429.38	78.01	44.963		
8,500.00	7,246.32	6,202.34	5,682.86	53.34	41.96	-62.02	-2,322.32	1,036.68	3,540.30	3,460.94	79.35	44.614		
8,600.00	7,246.50	8,938.13	7,074.41	55.46	60.88	-87.22	-2,928.47	-277.41	3,550.24	3,435.84	114.39	31.035		
8,700.00	7,246.67	9,038.13	7,074.93	57.66	62.70	-87.23	-2,928.18	-377.40	3,550.00	3,431.31	118.69	29.910		
8,800.00	7,246.85	9,138.13	7,075.46	59.90	64.64	-87.23	-2,927.88	-477.40	3,549.77	3,426.67	123.10	28.837		
8,900.00	7,247.03	9,238.13	7,075.98	62.20	66.66	-87.24	-2,927.59	-577.40	3,549.54	3,421.93	127.61	27.815		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	9,338.13	7,076.50	64.55	68.76	-87.24	-2,927.30	-677.40	3,549.31	3,417.09	132.22	26.844		
9,100.00	7,247.38	9,438.13	7,077.03	66.93	70.93	-87.25	-2,927.01	-777.39	3,549.08	3,412.17	136.91	25.923		
9,200.00	7,247.56	9,538.13	7,077.55	69.35	73.16	-87.25	-2,926.71	-877.39	3,548.85	3,407.17	141.67	25.050		
9,300.00	7,247.74	9,638.13	7,078.07	71.80	75.45	-87.26	-2,926.42	-977.39	3,548.61	3,402.11	146.50	24.222		
9,400.00	7,247.91	9,738.13	7,078.60	74.29	77.78	-87.26	-2,926.13	-1,077.39	3,548.38	3,396.98	151.40	23.437		
9,500.00	7,248.09	9,838.12	7,079.12	76.79	80.15	-87.27	-2,925.84	-1,177.38	3,548.15	3,391.80	156.35	22.694		
9,600.00	7,248.27	9,938.12	7,079.64	79.33	82.56	-87.28	-2,925.54	-1,277.38	3,547.92	3,386.57	161.35	21.989		
9,700.00	7,248.45	10,038.12	7,080.17	81.88	85.00	-87.28	-2,925.25	-1,377.38	3,547.69	3,381.29	166.39	21.321		
9,800.00	7,248.62	10,138.12	7,080.69	84.45	87.47	-87.29	-2,924.96	-1,477.38	3,547.46	3,375.97	171.48	20.687		
9,900.00	7,248.80	10,238.12	7,081.21	87.04	89.97	-87.29	-2,924.66	-1,577.37	3,547.22	3,370.62	176.61	20.085		
10,000.00	7,248.98	10,338.12	7,081.73	89.65	92.49	-87.30	-2,924.37	-1,677.37	3,546.99	3,365.22	181.77	19.514		
10,100.00	7,249.15	10,438.12	7,082.26	92.28	95.03	-87.30	-2,924.08	-1,777.37	3,546.76	3,359.80	186.96	18.970		
10,200.00	7,249.33	10,538.12	7,082.78	94.91	97.59	-87.31	-2,923.79	-1,877.37	3,546.53	3,354.34	192.19	18.453		
10,300.00	7,249.51	10,638.12	7,083.30	97.56	100.17	-87.31	-2,923.49	-1,977.36	3,546.30	3,348.86	197.44	17.962		
10,400.00	7,249.69	10,738.12	7,083.83	100.22	102.76	-87.32	-2,923.20	-2,077.36	3,546.07	3,343.35	202.71	17.493		
10,500.00	7,249.86	10,838.12	7,084.35	102.89	105.37	-87.32	-2,922.91	-2,177.36	3,545.84	3,337.82	208.01	17.046		
10,600.00	7,250.04	10,938.12	7,084.87	105.57	108.00	-87.33	-2,922.62	-2,277.35	3,545.61	3,332.27	213.33	16.620		
10,700.00	7,250.22	11,038.11	7,085.40	108.27	110.63	-87.34	-2,922.32	-2,377.35	3,545.38	3,326.70	218.67	16.213		
10,800.00	7,250.39	11,138.11	7,085.92	110.96	113.28	-87.34	-2,922.03	-2,477.35	3,545.14	3,321.11	224.03	15.824		
10,900.00	7,250.57	11,238.11	7,086.44	113.67	115.94	-87.35	-2,921.74	-2,577.35	3,544.91	3,315.50	229.41	15.452		
11,000.00	7,250.75	11,338.11	7,086.97	116.39	118.61	-87.35	-2,921.44	-2,677.34	3,544.68	3,309.88	234.80	15.097		
11,100.00	7,250.93	11,438.11	7,087.49	119.11	121.29	-87.36	-2,921.15	-2,777.34	3,544.45	3,304.24	240.21	14.756		
11,200.00	7,251.10	11,538.11	7,088.01	121.83	123.98	-87.36	-2,920.86	-2,877.34	3,544.22	3,298.59	245.63	14.429		
11,300.00	7,251.28	11,638.11	7,088.53	124.57	126.67	-87.37	-2,920.57	-2,977.34	3,543.99	3,292.93	251.06	14.116		
11,400.00	7,251.46	11,738.11	7,089.06	127.31	129.38	-87.37	-2,920.27	-3,077.33	3,543.76	3,287.25	256.51	13.815		
11,500.00	7,251.63	11,838.11	7,089.58	130.05	132.09	-87.38	-2,919.98	-3,177.33	3,543.53	3,281.56	261.97	13.527		
11,600.00	7,251.81	11,938.11	7,090.10	132.80	134.80	-87.38	-2,919.69	-3,277.33	3,543.30	3,275.86	267.44	13.249		
11,700.00	7,251.99	12,038.11	7,090.63	135.55	137.52	-87.39	-2,919.40	-3,377.33	3,543.07	3,270.15	272.92	12.982		
11,800.00	7,252.17	12,138.11	7,091.15	138.31	140.25	-87.39	-2,919.10	-3,477.32	3,542.83	3,264.43	278.40	12.726		
11,900.00	7,252.34	12,238.10	7,091.67	141.07	142.99	-87.40	-2,918.81	-3,577.32	3,542.60	3,258.70	283.90	12.478		
12,000.00	7,252.52	12,338.10	7,092.20	143.84	145.72	-87.41	-2,918.52	-3,677.32	3,542.37	3,252.97	289.41	12.240		
12,100.00	7,252.70	12,438.10	7,092.72	146.61	148.47	-87.41	-2,918.22	-3,777.32	3,542.14	3,247.22	294.92	12.010		
12,200.00	7,252.87	12,538.10	7,093.24	149.38	151.22	-87.42	-2,917.93	-3,877.31	3,541.91	3,241.47	300.44	11.789		
12,300.00	7,253.05	12,638.10	7,093.76	152.16	153.97	-87.42	-2,917.64	-3,977.31	3,541.68	3,235.71	305.97	11.575		
12,400.00	7,253.23	12,738.10	7,094.29	154.94	156.72	-87.43	-2,917.35	-4,077.31	3,541.45	3,229.94	311.51	11.369		
12,500.00	7,253.41	12,838.10	7,094.81	157.72	159.48	-87.43	-2,917.05	-4,177.30	3,541.22	3,224.17	317.05	11.169		
12,600.00	7,253.58	12,938.10	7,095.33	160.51	162.25	-87.44	-2,916.76	-4,277.30	3,540.99	3,218.39	322.60	10.977		
12,700.00	7,253.76	13,038.10	7,095.86	163.29	165.02	-87.44	-2,916.47	-4,377.30	3,540.76	3,212.61	328.15	10.790		
12,800.00	7,253.94	13,138.10	7,096.38	166.08	167.79	-87.45	-2,916.18	-4,477.30	3,540.53	3,206.82	333.71	10.610		
12,900.00	7,254.11	13,238.10	7,096.90	168.88	170.56	-87.45	-2,915.88	-4,577.29	3,540.30	3,201.02	339.27	10.435		
12,923.73	7,254.16	13,261.83	7,097.03	169.54	171.22	-87.46	-2,915.81	-4,601.03	3,540.24	3,199.65	340.60	10.394		
13,000.00	7,254.29	13,256.62	7,097.00	171.67	171.07	-87.46	-2,915.83	-4,595.82	3,541.01	3,198.65	342.36	10.343		
13,100.00	7,254.47	13,256.62	7,097.00	174.47	171.07	-87.46	-2,915.83	-4,595.82	3,544.49	3,199.85	344.64	10.285		
13,200.00	7,254.65	13,256.62	7,097.00	177.27	171.07	-87.46	-2,915.83	-4,595.82	3,550.78	3,204.12	346.66	10.243		
13,300.00	7,254.82	13,256.62	7,097.00	180.07	171.07	-87.46	-2,915.83	-4,595.82	3,559.88	3,211.46	348.41	10.217		
13,400.00	7,255.00	13,256.62	7,097.00	182.87	171.07	-87.46	-2,915.83	-4,595.82	3,571.75	3,221.84	349.91	10.208 SF		
13,500.00	7,255.18	13,256.62	7,097.00	185.67	171.07	-87.46	-2,915.83	-4,595.82	3,586.37	3,235.23	351.14	10.214		
13,600.00	7,255.35	13,256.62	7,097.00	188.48	171.07	-87.46	-2,915.83	-4,595.82	3,603.71	3,251.60	352.11	10.235		
13,700.00	7,255.53	13,256.62	7,097.00	191.29	171.07	-87.46	-2,915.83	-4,595.82	3,623.72	3,270.90	352.82	10.271		
13,800.00	7,255.71	13,256.62	7,097.00	194.10	171.07	-87.46	-2,915.83	-4,595.82	3,646.37	3,293.08	353.29	10.321		
13,900.00	7,255.89	13,256.62	7,097.00	196.91	171.07	-87.46	-2,915.83	-4,595.82	3,671.61	3,318.09	353.52	10.386		
14,000.00	7,256.06	13,256.62	7,097.00	199.72	171.07	-87.46	-2,915.83	-4,595.82	3,699.37	3,345.85	353.52	10.464		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	13,256.62	7,097.00	202.53	171.07	-87.46	-2,915.83	-4,595.82	3,729.61	3,376.32	353.30	10.557		
14,200.00	7,256.42	13,256.62	7,097.00	205.35	171.07	-87.46	-2,915.83	-4,595.82	3,762.27	3,409.40	352.87	10.662		
14,300.00	7,256.59	13,256.62	7,097.00	208.16	171.07	-87.46	-2,915.83	-4,595.82	3,797.28	3,445.04	352.25	10.780		
14,400.00	7,256.77	13,256.62	7,097.00	210.98	171.07	-87.46	-2,915.83	-4,595.82	3,834.58	3,483.15	351.44	10.911		
14,500.00	7,256.95	13,256.62	7,097.00	213.80	171.07	-87.46	-2,915.83	-4,595.82	3,874.10	3,523.65	350.46	11.054		
14,600.00	7,257.13	13,256.62	7,097.00	216.62	171.07	-87.46	-2,915.83	-4,595.82	3,915.78	3,566.46	349.32	11.210		
14,700.00	7,257.30	13,256.62	7,097.00	219.44	171.07	-87.46	-2,915.83	-4,595.82	3,959.55	3,611.51	348.03	11.377		
14,800.00	7,257.48	13,256.62	7,097.00	222.26	171.07	-87.46	-2,915.83	-4,595.82	4,005.33	3,658.72	346.61	11.556		
14,900.00	7,257.66	13,256.62	7,097.00	225.08	171.07	-87.46	-2,915.83	-4,595.82	4,053.07	3,707.99	345.07	11.745		
15,000.00	7,257.83	13,256.62	7,097.00	227.91	171.07	-87.46	-2,915.83	-4,595.82	4,102.68	3,759.26	343.43	11.946		
15,100.00	7,258.01	13,256.62	7,097.00	230.73	171.07	-87.46	-2,915.83	-4,595.82	4,154.11	3,812.43	341.68	12.158		
15,200.00	7,258.19	13,256.62	7,097.00	233.56	171.07	-87.46	-2,915.83	-4,595.82	4,207.30	3,867.45	339.85	12.380		
15,300.00	7,258.37	13,256.62	7,097.00	236.38	171.07	-87.46	-2,915.83	-4,595.82	4,262.16	3,924.22	337.94	12.612		
15,400.00	7,258.54	13,256.62	7,097.00	239.21	171.07	-87.46	-2,915.83	-4,595.82	4,318.64	3,982.67	335.97	12.854		
15,500.00	7,258.72	13,256.62	7,097.00	242.04	171.07	-87.46	-2,915.83	-4,595.82	4,376.68	4,042.74	333.94	13.106		
15,600.00	7,258.90	13,256.62	7,097.00	244.87	171.07	-87.46	-2,915.83	-4,595.82	4,436.21	4,104.35	331.87	13.367		
15,700.00	7,259.08	13,256.62	7,097.00	247.70	171.07	-87.46	-2,915.83	-4,595.82	4,497.18	4,167.43	329.75	13.638		
15,800.00	7,259.25	13,256.62	7,097.00	250.53	171.07	-87.46	-2,915.83	-4,595.82	4,559.53	4,231.92	327.61	13.918		
15,900.00	7,259.43	13,256.62	7,097.00	253.36	171.07	-87.46	-2,915.83	-4,595.82	4,623.20	4,297.76	325.44	14.206		
16,000.00	7,259.61	13,256.62	7,097.00	256.19	171.07	-87.46	-2,915.83	-4,595.82	4,688.14	4,364.89	323.25	14.503		
16,100.00	7,259.78	13,256.62	7,097.00	259.02	171.07	-87.46	-2,915.83	-4,595.82	4,754.29	4,433.24	321.05	14.809		
16,200.00	7,259.96	13,256.62	7,097.00	261.85	171.07	-87.46	-2,915.83	-4,595.82	4,821.62	4,502.77	318.84	15.122		
16,300.00	7,260.14	13,256.62	7,097.00	264.68	171.07	-87.46	-2,915.83	-4,595.82	4,890.06	4,573.42	316.64	15.444		
16,400.00	7,260.32	13,256.62	7,097.00	267.52	171.07	-87.46	-2,915.83	-4,595.82	4,959.57	4,645.13	314.43	15.773		
16,500.00	7,260.49	13,256.62	7,097.00	270.35	171.07	-87.46	-2,915.83	-4,595.82	5,030.11	4,717.87	312.24	16.110		
16,600.00	7,260.67	13,256.62	7,097.00	273.19	171.07	-87.46	-2,915.83	-4,595.82	5,101.63	4,791.58	310.05	16.454		
16,700.00	7,260.85	13,256.62	7,097.00	276.02	171.07	-87.46	-2,915.83	-4,595.82	5,174.10	4,866.22	307.88	16.806		
16,800.00	7,261.02	13,256.62	7,097.00	278.86	171.07	-87.46	-2,915.83	-4,595.82	5,247.47	4,941.75	305.72	17.164		
16,900.00	7,261.20	13,256.62	7,097.00	281.69	171.07	-87.46	-2,915.83	-4,595.82	5,321.71	5,018.13	303.58	17.530		
17,000.00	7,261.38	13,256.62	7,097.00	284.53	171.07	-87.46	-2,915.83	-4,595.82	5,396.79	5,095.32	301.47	17.902		
17,100.00	7,261.56	13,256.62	7,097.00	287.37	171.07	-87.46	-2,915.83	-4,595.82	5,472.66	5,173.28	299.37	18.280		
17,200.00	7,261.73	13,256.62	7,097.00	290.21	171.07	-87.46	-2,915.83	-4,595.82	5,549.29	5,251.98	297.31	18.665		
17,300.00	7,261.91	13,256.62	7,097.00	293.04	171.07	-87.46	-2,915.83	-4,595.82	5,626.66	5,331.39	295.27	19.056		
17,400.00	7,262.09	13,256.62	7,097.00	295.88	171.07	-87.46	-2,915.83	-4,595.82	5,704.73	5,411.48	293.25	19.453		
17,500.00	7,262.26	13,256.62	7,097.00	298.72	171.07	-87.46	-2,915.83	-4,595.82	5,783.48	5,492.21	291.27	19.856		
17,600.00	7,262.44	13,256.62	7,097.00	301.56	171.07	-87.46	-2,915.83	-4,595.82	5,862.87	5,573.56	289.31	20.265		
17,700.00	7,262.62	13,256.62	7,097.00	304.40	171.07	-87.46	-2,915.83	-4,595.82	5,942.89	5,655.50	287.39	20.679		
17,800.00	7,262.80	13,256.62	7,097.00	307.24	171.07	-87.46	-2,915.83	-4,595.82	6,023.50	5,738.01	285.49	21.099		
17,900.00	7,262.97	13,256.62	7,097.00	310.08	171.07	-87.46	-2,915.83	-4,595.82	6,104.69	5,821.06	283.63	21.524		
18,000.00	7,263.15	13,256.62	7,097.00	312.92	171.07	-87.46	-2,915.83	-4,595.82	6,186.43	5,904.64	281.80	21.954		
18,100.00	7,263.33	13,256.62	7,097.00	315.76	171.07	-87.46	-2,915.83	-4,595.82	6,268.70	5,988.70	280.00	22.389		
18,200.00	7,263.50	13,256.62	7,097.00	318.61	171.07	-87.46	-2,915.83	-4,595.82	6,351.48	6,073.25	278.23	22.828		
18,300.00	7,263.68	13,256.62	7,097.00	321.45	171.07	-87.46	-2,915.83	-4,595.82	6,434.74	6,158.25	276.49	23.273		
18,400.00	7,263.86	13,256.62	7,097.00	324.29	171.07	-87.46	-2,915.83	-4,595.82	6,518.48	6,243.70	274.78	23.722		
18,500.00	7,264.04	13,256.62	7,097.00	327.13	171.07	-87.46	-2,915.83	-4,595.82	6,602.67	6,329.56	273.11	24.176		
18,600.00	7,264.21	13,256.62	7,097.00	329.97	171.07	-87.46	-2,915.83	-4,595.82	6,687.30	6,415.83	271.47	24.634		
18,700.00	7,264.39	13,256.62	7,097.00	332.82	171.07	-87.46	-2,915.83	-4,595.82	6,772.34	6,502.49	269.85	25.096		
18,800.00	7,264.57	13,256.62	7,097.00	335.66	171.07	-87.46	-2,915.83	-4,595.82	6,857.79	6,589.51	268.27	25.563		
18,900.00	7,264.74	13,256.62	7,097.00	338.51	171.07	-87.46	-2,915.83	-4,595.82	6,943.62	6,676.90	266.72	26.033		
19,000.00	7,264.92	13,256.62	7,097.00	341.35	171.07	-87.46	-2,915.83	-4,595.82	7,029.83	6,764.63	265.20	26.508		
19,044.52	7,265.00	13,256.62	7,097.00	342.62	171.07	-87.46	-2,915.83	-4,595.82	7,068.33	6,803.80	264.53	26.720		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-180.00	-14.93	0.00	14.93					
100.00	100.00	100.00	100.00	3.28	3.28	-180.00	-14.93	0.00	14.93	8.36	6.57	2.273		
200.00	200.00	200.00	200.00	3.34	3.34	-180.00	-14.93	0.00	14.93	8.26	6.67	2.237 CC		
300.00	299.98	299.98	299.98	3.44	3.44	120.22	-14.93	0.00	15.73	8.85	6.89	2.284		
400.00	399.84	400.20	400.18	3.60	3.60	129.58	-14.41	1.67	17.92	10.71	7.20	2.487		
500.00	499.45	500.53	500.37	3.81	3.80	135.94	-12.82	6.69	20.78	13.16	7.62	2.727		
600.00	598.70	600.98	600.43	4.06	4.05	139.94	-10.18	15.07	24.11	15.98	8.12	2.967		
700.00	697.47	701.54	700.23	4.34	4.33	142.27	-6.48	26.79	27.79	19.08	8.70	3.192		
800.00	795.62	802.22	799.65	4.66	4.64	143.43	-1.73	41.88	31.75	22.40	9.35	3.395		
824.00	819.08	826.39	823.44	4.75	4.72	143.58	-0.43	45.99	32.74	23.22	9.52	3.440		
900.00	893.28	903.01	898.57	5.02	4.98	142.84	4.08	60.30	35.16	25.11	10.05	3.498		
1,000.00	990.92	1,003.17	996.37	5.40	5.35	139.84	10.57	80.87	36.97	26.19	10.78	3.428		
1,100.00	1,088.56	1,103.13	1,093.98	5.80	5.75	137.04	17.06	101.48	38.82	27.26	11.56	3.359		
1,200.00	1,186.19	1,203.10	1,191.58	6.21	6.16	134.50	23.56	122.08	40.75	28.39	12.37	3.295		
1,300.00	1,283.83	1,303.06	1,289.18	6.64	6.58	132.19	30.05	142.68	42.76	29.55	13.21	3.237		
1,400.00	1,381.47	1,403.03	1,386.79	7.08	7.02	130.10	36.55	163.28	44.83	30.75	14.08	3.185		
1,500.00	1,479.10	1,502.99	1,484.39	7.53	7.47	128.19	43.05	183.89	46.95	31.99	14.96	3.137		
1,600.00	1,576.74	1,602.96	1,582.00	7.99	7.92	126.45	49.54	204.49	49.12	33.25	15.87	3.095		
1,700.00	1,674.38	1,702.93	1,679.60	8.45	8.39	124.86	56.04	225.09	51.33	34.54	16.79	3.057		
1,800.00	1,772.02	1,802.89	1,777.20	8.92	8.85	123.40	62.53	245.69	53.58	35.86	17.72	3.023		
1,900.00	1,869.65	1,902.86	1,874.81	9.39	9.33	122.05	69.03	266.30	55.86	37.19	18.67	2.992		
2,000.00	1,967.29	2,002.82	1,972.41	9.87	9.80	120.82	75.53	286.90	58.17	38.55	19.62	2.965		
2,100.00	2,064.93	2,102.79	2,070.01	10.35	10.28	119.68	82.02	307.50	60.50	39.92	20.58	2.940		
2,200.00	2,162.56	2,202.76	2,167.62	10.83	10.77	118.62	88.52	328.11	62.86	41.31	21.55	2.917		
2,300.00	2,260.20	2,302.72	2,265.22	11.32	11.25	117.64	95.01	348.71	65.24	42.72	22.52	2.897		
2,400.00	2,357.84	2,402.69	2,362.83	11.80	11.74	116.73	101.51	369.31	67.63	44.13	23.50	2.878		
2,500.00	2,455.48	2,502.65	2,460.43	12.29	12.23	115.88	108.01	389.91	70.04	45.56	24.48	2.862		
2,600.00	2,553.11	2,602.62	2,558.03	12.78	12.72	115.09	114.50	410.52	72.46	47.00	25.46	2.846		
2,700.00	2,650.75	2,702.58	2,655.64	13.27	13.21	114.35	121.00	431.12	74.90	48.45	26.45	2.832		
2,800.00	2,748.39	2,802.55	2,753.24	13.77	13.71	113.66	127.49	451.72	77.35	49.91	27.44	2.819		
2,900.00	2,846.02	2,902.52	2,850.84	14.26	14.21	113.01	133.99	472.32	79.81	51.38	28.43	2.807		
3,000.00	2,943.66	3,002.48	2,948.45	14.76	14.70	112.40	140.49	492.93	82.27	52.85	29.43	2.796		
3,100.00	3,041.30	3,102.45	3,046.05	15.25	15.20	111.82	146.98	513.53	84.75	54.33	30.42	2.786		
3,200.00	3,138.94	3,202.41	3,143.66	15.75	15.70	111.28	153.48	534.13	87.24	55.82	31.42	2.776		
3,300.00	3,236.57	3,302.38	3,241.26	16.25	16.20	110.77	159.97	554.73	89.73	57.31	32.42	2.768		
3,400.00	3,334.21	3,402.34	3,338.86	16.75	16.70	110.28	166.47	575.34	92.23	58.81	33.42	2.759		
3,500.00	3,431.85	3,502.31	3,436.47	17.25	17.20	109.82	172.97	595.94	94.74	60.31	34.43	2.752		
3,600.00	3,529.48	3,602.28	3,534.07	17.75	17.71	109.38	179.46	616.54	97.25	61.82	35.43	2.745		
3,700.00	3,627.12	3,702.24	3,631.67	18.25	18.21	108.97	185.96	637.15	99.77	63.33	36.44	2.738		
3,800.00	3,724.76	3,802.21	3,729.28	18.75	18.71	108.58	192.45	657.75	102.29	64.84	37.44	2.732		
3,900.00	3,822.40	3,902.17	3,826.88	19.25	19.22	108.20	198.95	678.35	104.81	66.36	38.45	2.726		
4,000.00	3,920.03	4,002.14	3,924.49	19.75	19.72	107.85	205.45	698.95	107.34	67.89	39.46	2.720		
4,100.00	4,017.67	4,102.11	4,022.09	20.25	20.23	107.50	211.94	719.56	109.88	69.41	40.47	2.715		
4,200.00	4,115.31	4,202.07	4,119.69	20.76	20.73	107.18	218.44	740.16	112.42	70.94	41.48	2.710		
4,300.00	4,212.94	4,302.04	4,217.30	21.26	21.24	106.87	224.93	760.76	114.96	72.47	42.49	2.706		
4,400.00	4,310.58	4,402.00	4,314.90	21.76	21.74	106.57	231.43	781.36	117.51	74.01	43.50	2.701		
4,500.00	4,408.22	4,501.97	4,412.50	22.27	22.25	106.29	237.93	801.97	120.05	75.55	44.51	2.697		
4,600.00	4,505.86	4,601.93	4,510.11	22.77	22.75	106.01	244.42	822.57	122.60	77.09	45.52	2.693		
4,700.00	4,603.49	4,701.90	4,607.71	23.28	23.26	105.75	250.92	843.17	125.16	78.63	46.53	2.690		
4,800.00	4,701.13	4,801.87	4,705.32	23.78	23.77	105.50	257.41	863.77	127.71	80.17	47.54	2.686		
4,900.00	4,798.77	4,901.83	4,802.92	24.28	24.28	105.26	263.91	884.38	130.27	81.72	48.56	2.683		
5,000.00	4,896.40	5,001.80	4,900.52	24.79	24.78	105.03	270.41	904.98	132.83	83.26	49.57	2.680		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	5,101.76	4,998.13	25.30	25.29	104.80	276.90	925.58	135.40	84.81	50.58	2.677		
5,200.00	5,091.68	5,201.73	5,095.73	25.80	25.80	104.59	283.40	946.19	137.96	86.36	51.60	2.674		
5,300.00	5,189.32	5,301.69	5,193.33	26.31	26.31	104.38	289.89	966.79	140.53	87.92	52.61	2.671		
5,400.00	5,286.95	5,401.66	5,290.94	26.81	26.82	104.18	296.39	987.39	143.10	89.47	53.63	2.668		
5,500.00	5,384.59	5,501.63	5,388.54	27.32	27.32	103.99	302.89	1,007.99	145.67	91.03	54.64	2.666		
5,600.00	5,482.23	5,601.59	5,486.15	27.82	27.83	103.80	309.38	1,028.60	148.24	92.58	55.66	2.663		
5,700.00	5,579.87	5,701.56	5,583.75	28.33	28.34	103.62	315.88	1,049.20	150.81	94.14	56.67	2.661		
5,800.00	5,677.50	5,801.52	5,681.35	28.84	28.85	103.45	322.37	1,069.80	153.39	95.70	57.69	2.659		
5,900.00	5,775.14	5,901.49	5,778.96	29.34	29.36	103.28	328.87	1,090.40	155.96	97.26	58.71	2.657		
6,000.00	5,872.78	6,001.46	5,876.56	29.85	29.87	103.12	335.37	1,111.01	158.54	98.82	59.72	2.655		
6,100.00	5,970.41	6,101.42	5,974.16	30.36	30.38	102.96	341.86	1,131.61	161.12	100.38	60.74	2.653		
6,200.00	6,068.05	6,201.39	6,071.77	30.86	30.89	102.81	348.36	1,152.21	163.70	101.95	61.75	2.651		
6,300.00	6,165.69	6,301.35	6,169.37	31.37	31.40	102.66	354.85	1,172.81	166.28	103.51	62.77	2.649		
6,400.00	6,263.33	6,401.32	6,266.97	31.88	31.91	102.52	361.35	1,193.42	168.86	105.08	63.79	2.647		
6,500.00	6,360.96	6,504.83	6,368.62	32.38	32.41	103.49	368.11	1,214.41	170.79	106.00	64.80	2.636		
6,596.02	6,454.72	6,603.39	6,466.83	32.87	32.80	109.17	374.64	1,214.06	170.70	105.09	65.61	2.602		
6,600.00	6,458.60	6,607.34	6,470.77	32.89	32.82	109.51	374.91	1,213.84	170.70	105.06	65.64	2.600		
6,628.42	6,486.35	6,635.20	6,498.48	33.04	32.92	112.07	376.75	1,211.66	170.85	105.00	65.84	2.595		
6,650.00	6,507.49	6,655.98	6,519.07	33.14	32.99	118.46	378.12	1,209.24	171.19	105.22	65.98	2.595		
6,700.00	6,556.88	6,703.39	6,565.68	33.37	33.16	140.92	381.21	1,201.20	172.90	106.70	66.20	2.612		
6,750.00	6,606.60	6,749.82	6,610.63	33.58	33.34	-175.90	384.20	1,189.98	175.78	109.50	66.28	2.652		
6,800.00	6,656.35	6,795.36	6,653.81	33.76	33.52	-129.26	387.06	1,175.82	179.70	113.52	66.18	2.715		
6,850.00	6,705.83	6,840.08	6,695.11	33.94	33.70	-104.65	389.80	1,158.94	184.49	118.62	65.88	2.801		
6,900.00	6,754.72	6,884.04	6,734.47	34.12	33.90	-91.39	392.41	1,139.55	190.00	124.62	65.38	2.906		
6,950.00	6,802.72	6,927.32	6,771.83	34.31	34.10	-82.79	394.89	1,117.85	196.03	131.34	64.69	3.030		
7,000.00	6,849.54	6,969.98	6,807.12	34.50	34.32	-76.49	397.23	1,094.02	202.42	138.59	63.83	3.171		
7,050.00	6,894.89	7,012.07	6,840.31	34.71	34.55	-71.54	399.42	1,068.24	209.01	146.18	62.83	3.327		
7,100.00	6,938.49	7,053.64	6,871.35	34.93	34.79	-67.50	401.48	1,040.67	215.66	153.92	61.73	3.493		
7,150.00	6,980.07	7,094.76	6,900.22	35.17	35.05	-64.13	403.39	1,011.47	222.24	161.66	60.58	3.668		
7,200.00	7,019.38	7,135.46	6,926.89	35.43	35.34	-61.29	405.15	980.79	228.64	169.21	59.43	3.847		
7,250.00	7,056.17	7,175.78	6,951.33	35.71	35.64	-58.87	406.76	948.76	234.77	176.45	58.32	4.026		
7,300.00	7,090.21	7,215.78	6,973.52	36.03	35.96	-56.81	408.23	915.52	240.55	183.24	57.30	4.198		
7,350.00	7,121.30	7,255.49	6,993.45	36.37	36.31	-55.06	409.54	881.21	245.89	189.46	56.43	4.358		
7,400.00	7,149.25	7,294.94	7,011.10	36.75	36.67	-53.58	410.70	845.95	250.73	195.00	55.73	4.499		
7,450.00	7,173.87	7,334.18	7,026.46	37.17	37.07	-52.35	411.71	809.86	255.04	199.77	55.27	4.615		
7,500.00	7,195.03	7,373.23	7,039.52	37.62	37.48	-51.34	412.57	773.08	258.76	203.70	55.06	4.700		
7,550.00	7,212.58	7,412.14	7,050.26	38.11	37.91	-50.54	413.27	735.70	261.85	206.73	55.12	4.750		
7,600.00	7,226.43	7,450.00	7,058.51	38.64	38.34	-49.93	413.80	698.76	264.30	208.83	55.47	4.764		
7,650.00	7,236.48	7,489.61	7,064.78	39.20	38.82	-49.49	414.21	659.65	266.08	209.94	56.14	4.740		
7,700.00	7,242.68	7,528.24	7,068.55	39.79	39.30	-49.24	414.44	621.21	267.16	210.08	57.08	4.680		
7,753.32	7,245.00	7,573.51	7,070.00	40.44	39.88	-49.15	414.53	580.60	267.56	209.11	58.45	4.578		
7,800.00	7,245.08	7,615.56	7,070.00	41.04	40.45	-49.15	414.51	533.92	267.65	208.26	59.38	4.507		
7,900.00	7,245.26	7,715.56	7,070.01	42.43	41.88	-49.13	414.48	433.93	267.84	206.18	61.67	4.343		
8,000.00	7,245.43	7,815.56	7,070.02	43.97	43.46	-49.12	414.44	333.93	268.04	203.86	64.18	4.176		
8,100.00	7,245.61	7,915.56	7,070.03	45.64	45.17	-49.11	414.41	233.93	268.23	201.33	66.90	4.009		
8,200.00	7,245.79	8,015.56	7,070.04	47.42	46.99	-49.10	414.38	133.93	268.42	198.62	69.80	3.845		
8,300.00	7,245.97	8,115.56	7,070.05	49.30	48.91	-49.09	414.34	33.93	268.62	195.75	72.87	3.686		
8,400.00	7,246.14	8,215.56	7,070.06	51.28	50.91	-49.08	414.31	-66.07	268.81	192.74	76.07	3.534		
8,500.00	7,246.32	8,315.56	7,070.06	53.34	53.00	-49.06	414.28	-166.07	269.01	189.61	79.40	3.388		
8,600.00	7,246.50	8,415.56	7,070.07	55.46	55.15	-49.05	414.24	-266.07	269.20	186.37	82.83	3.250		
8,700.00	7,246.67	8,515.56	7,070.08	57.66	57.37	-49.04	414.21	-366.07	269.40	183.03	86.36	3.119		
8,800.00	7,246.85	8,615.56	7,070.09	59.90	59.64	-49.03	414.17	-466.07	269.59	179.62	89.97	2.996		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,900.00	7,247.03	8,715.56	7,070.10	62.20	61.96	-49.02	414.14	-566.07	269.78	176.12	93.66	2.880		
9,000.00	7,247.21	8,815.56	7,070.11	64.55	64.33	-49.01	414.11	-666.07	269.98	172.57	97.41	2.771		
9,100.00	7,247.38	8,915.56	7,070.12	66.93	66.73	-49.00	414.07	-766.07	270.17	168.95	101.22	2.669		
9,200.00	7,247.56	9,015.56	7,070.13	69.35	69.17	-48.98	414.04	-866.07	270.37	165.28	105.08	2.573		
9,300.00	7,247.74	9,115.56	7,070.14	71.80	71.64	-48.97	414.01	-966.07	270.56	161.57	108.99	2.482		
9,400.00	7,247.91	9,215.56	7,070.14	74.29	74.14	-48.96	413.97	-1,066.07	270.76	157.82	112.94	2.397		
9,500.00	7,248.09	9,315.56	7,070.15	76.79	76.66	-48.95	413.94	-1,166.07	270.95	154.03	116.92	2.317		
9,600.00	7,248.27	9,415.56	7,070.16	79.33	79.20	-48.94	413.91	-1,266.07	271.14	150.20	120.94	2.242		
9,700.00	7,248.45	9,515.56	7,070.17	81.88	81.77	-48.93	413.87	-1,366.07	271.34	146.35	124.99	2.171		
9,800.00	7,248.62	9,615.56	7,070.18	84.45	84.36	-48.92	413.84	-1,466.07	271.53	142.47	129.06	2.104		
9,900.00	7,248.80	9,715.56	7,070.19	87.04	86.96	-48.90	413.80	-1,566.07	271.73	138.57	133.16	2.041		
10,000.00	7,248.98	9,815.56	7,070.20	89.65	89.58	-48.89	413.77	-1,666.07	271.92	134.64	137.28	1.981		
10,100.00	7,249.15	9,915.56	7,070.21	92.28	92.21	-48.88	413.74	-1,766.07	272.12	130.70	141.42	1.924		
10,200.00	7,249.33	10,015.56	7,070.22	94.91	94.85	-48.87	413.70	-1,866.07	272.31	126.74	145.57	1.871		
10,300.00	7,249.51	10,115.56	7,070.22	97.56	97.51	-48.86	413.67	-1,966.07	272.51	122.76	149.75	1.820		
10,400.00	7,249.69	10,215.56	7,070.23	100.22	100.18	-48.85	413.64	-2,066.07	272.70	118.76	153.93	1.772		
10,500.00	7,249.86	10,315.56	7,070.24	102.89	102.86	-48.84	413.60	-2,166.07	272.89	114.76	158.14	1.726		
10,600.00	7,250.04	10,415.56	7,070.25	105.57	105.55	-48.83	413.57	-2,266.07	273.09	110.74	162.35	1.682		
10,700.00	7,250.22	10,515.56	7,070.26	108.27	108.25	-48.81	413.53	-2,366.07	273.28	106.71	166.58	1.641		
10,800.00	7,250.39	10,615.56	7,070.27	110.96	110.95	-48.80	413.50	-2,466.07	273.48	102.66	170.81	1.601		
10,900.00	7,250.57	10,715.56	7,070.28	113.67	113.67	-48.79	413.47	-2,566.07	273.67	98.61	175.06	1.563		
11,000.00	7,250.75	10,815.56	7,070.29	116.39	116.39	-48.78	413.43	-2,666.07	273.87	94.55	179.31	1.527		
11,100.00	7,250.93	10,915.56	7,070.30	119.11	119.11	-48.77	413.40	-2,766.07	274.06	90.48	183.58	1.493 Level 3		
11,200.00	7,251.10	11,015.56	7,070.30	121.83	121.85	-48.76	413.37	-2,866.07	274.26	86.41	187.85	1.460 Level 3		
11,300.00	7,251.28	11,115.56	7,070.31	124.57	124.59	-48.75	413.33	-2,966.07	274.45	82.33	192.12	1.429 Level 3		
11,400.00	7,251.46	11,215.56	7,070.32	127.31	127.33	-48.74	413.30	-3,066.07	274.64	78.24	196.41	1.398 Level 3		
11,500.00	7,251.63	11,315.56	7,070.33	130.05	130.08	-48.73	413.27	-3,166.07	274.84	74.14	200.70	1.369 Level 3		
11,600.00	7,251.81	11,415.56	7,070.34	132.80	132.83	-48.71	413.23	-3,266.07	275.03	70.04	204.99	1.342 Level 3		
11,700.00	7,251.99	11,515.56	7,070.35	135.55	135.59	-48.70	413.20	-3,366.07	275.23	65.94	209.29	1.315 Level 3		
11,800.00	7,252.17	11,615.56	7,070.36	138.31	138.35	-48.69	413.16	-3,466.07	275.42	61.83	213.60	1.289 Level 3		
11,900.00	7,252.34	11,715.56	7,070.37	141.07	141.12	-48.68	413.13	-3,566.07	275.62	57.71	217.91	1.265 Level 3		
12,000.00	7,252.52	11,815.56	7,070.38	143.84	143.89	-48.67	413.10	-3,666.07	275.81	53.59	222.22	1.241 Level 2		
12,100.00	7,252.70	11,915.56	7,070.38	146.61	146.66	-48.66	413.06	-3,766.07	276.01	49.47	226.54	1.218 Level 2		
12,200.00	7,252.87	12,015.56	7,070.39	149.38	149.44	-48.65	413.03	-3,866.07	276.20	45.35	230.86	1.196 Level 2		
12,300.00	7,253.05	12,115.56	7,070.40	152.16	152.22	-48.64	413.00	-3,966.07	276.40	41.22	235.18	1.175 Level 2		
12,400.00	7,253.23	12,215.56	7,070.41	154.94	155.00	-48.63	412.96	-4,066.07	276.59	37.09	239.50	1.155 Level 2		
12,500.00	7,253.41	12,315.56	7,070.42	157.72	157.79	-48.62	412.93	-4,166.07	276.78	32.95	243.83	1.135 Level 2		
12,600.00	7,253.58	12,415.56	7,070.43	160.51	160.57	-48.60	412.89	-4,266.07	276.98	28.81	248.17	1.116 Level 2		
12,700.00	7,253.76	12,515.56	7,070.44	163.29	163.37	-48.59	412.86	-4,366.06	277.17	24.67	252.50	1.098 Level 2		
12,800.00	7,253.94	12,615.56	7,070.45	166.08	166.16	-48.58	412.83	-4,466.06	277.37	20.53	256.84	1.080 Level 2		
12,900.00	7,254.11	12,715.56	7,070.45	168.88	168.95	-48.57	412.79	-4,566.06	277.56	16.39	261.17	1.063 Level 2		
13,000.00	7,254.29	12,815.56	7,070.46	171.67	171.75	-48.56	412.76	-4,666.06	277.76	12.25	265.51	1.046 Level 2		
13,100.00	7,254.47	12,915.56	7,070.47	174.47	174.55	-48.55	412.73	-4,766.06	277.95	8.10	269.85	1.030 Level 2		
13,200.00	7,254.65	13,015.56	7,070.48	177.27	177.35	-48.54	412.69	-4,866.06	278.15	3.95	274.20	1.014 Level 2		
13,300.00	7,254.82	13,115.56	7,070.49	180.07	180.15	-48.53	412.66	-4,966.06	278.34	-0.20	278.54	0.999 Level 1		
13,400.00	7,255.00	13,215.56	7,070.50	182.87	182.96	-48.52	412.63	-5,066.06	278.54	-4.35	282.89	0.985 Level 1		
13,500.00	7,255.18	13,315.56	7,070.51	185.67	185.77	-48.51	412.59	-5,166.06	278.73	-8.50	287.23	0.970 Level 1		
13,600.00	7,255.35	13,415.56	7,070.52	188.48	188.57	-48.50	412.56	-5,266.06	278.93	-12.66	291.58	0.957 Level 1		
13,700.00	7,255.53	13,515.56	7,070.53	191.29	191.38	-48.49	412.52	-5,366.06	279.12	-16.81	295.93	0.943 Level 1		
13,800.00	7,255.71	13,615.56	7,070.53	194.10	194.19	-48.47	412.49	-5,466.06	279.32	-20.97	300.28	0.930 Level 1		
13,900.00	7,255.89	13,715.56	7,070.54	196.91	197.01	-48.46	412.46	-5,566.06	279.51	-25.12	304.63	0.918 Level 1		
14,000.00	7,256.06	13,815.56	7,070.55	199.72	199.82	-48.45	412.42	-5,666.06	279.71	-29.28	308.98	0.905 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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	13,915.55	7,070.56	202.53	202.64	-48.44	412.39	-5,766.06	279.90	-33.44	313.34	0.893 Level 1		
14,200.00	7,256.42	14,015.55	7,070.57	205.35	205.45	-48.43	412.36	-5,866.06	280.10	-37.59	317.69	0.882 Level 1		
14,300.00	7,256.59	14,115.55	7,070.58	208.16	208.27	-48.42	412.32	-5,966.06	280.29	-41.75	322.04	0.870 Level 1		
14,400.00	7,256.77	14,215.55	7,070.59	210.98	211.09	-48.41	412.29	-6,066.06	280.49	-45.91	326.40	0.859 Level 1		
14,500.00	7,256.95	14,315.55	7,070.60	213.80	213.91	-48.40	412.25	-6,166.06	280.68	-50.07	330.75	0.849 Level 1		
14,600.00	7,257.13	14,415.55	7,070.61	216.62	216.73	-48.39	412.22	-6,266.06	280.87	-54.23	335.10	0.838 Level 1		
14,700.00	7,257.30	14,515.55	7,070.61	219.44	219.55	-48.38	412.19	-6,366.06	281.07	-58.39	339.46	0.828 Level 1		
14,800.00	7,257.48	14,615.55	7,070.62	222.26	222.37	-48.37	412.15	-6,466.06	281.26	-62.55	343.81	0.818 Level 1		
14,900.00	7,257.66	14,715.55	7,070.63	225.08	225.20	-48.36	412.12	-6,566.06	281.46	-66.71	348.17	0.808 Level 1		
15,000.00	7,257.83	14,815.55	7,070.64	227.91	228.02	-48.35	412.09	-6,666.06	281.65	-70.87	352.52	0.799 Level 1		
15,100.00	7,258.01	14,915.55	7,070.65	230.73	230.85	-48.34	412.05	-6,766.06	281.85	-75.03	356.88	0.790 Level 1		
15,200.00	7,258.19	15,015.55	7,070.66	233.56	233.67	-48.33	412.02	-6,866.06	282.04	-79.19	361.23	0.781 Level 1		
15,300.00	7,258.37	15,115.55	7,070.67	236.38	236.50	-48.32	411.99	-6,966.06	282.24	-83.35	365.59	0.772 Level 1		
15,400.00	7,258.54	15,215.55	7,070.68	239.21	239.33	-48.30	411.95	-7,066.06	282.43	-87.51	369.94	0.763 Level 1		
15,500.00	7,258.72	15,315.55	7,070.69	242.04	242.16	-48.29	411.92	-7,166.06	282.63	-91.67	374.30	0.755 Level 1		
15,600.00	7,258.90	15,415.55	7,070.69	244.87	244.99	-48.28	411.88	-7,266.06	282.82	-95.83	378.65	0.747 Level 1		
15,700.00	7,259.08	15,515.55	7,070.70	247.70	247.82	-48.27	411.85	-7,366.06	283.02	-99.99	383.01	0.739 Level 1		
15,800.00	7,259.25	15,615.55	7,070.71	250.53	250.65	-48.26	411.82	-7,466.06	283.21	-104.15	387.36	0.731 Level 1		
15,900.00	7,259.43	15,715.55	7,070.72	253.36	253.48	-48.25	411.78	-7,566.06	283.41	-108.31	391.72	0.724 Level 1		
16,000.00	7,259.61	15,815.55	7,070.73	256.19	256.31	-48.24	411.75	-7,666.06	283.60	-112.47	396.07	0.716 Level 1		
16,100.00	7,259.78	15,915.55	7,070.74	259.02	259.15	-48.23	411.72	-7,766.06	283.80	-116.63	400.43	0.709 Level 1		
16,200.00	7,259.96	16,015.55	7,070.75	261.85	261.98	-48.22	411.68	-7,866.06	283.99	-120.79	404.78	0.702 Level 1		
16,300.00	7,260.14	16,115.54	7,070.76	264.68	264.81	-48.21	411.65	-7,966.06	284.19	-124.94	409.13	0.695 Level 1		
16,400.00	7,260.32	16,215.54	7,070.77	267.52	267.65	-48.20	411.62	-8,066.06	284.38	-129.10	413.49	0.688 Level 1		
16,500.00	7,260.49	16,315.54	7,070.77	270.35	270.48	-48.19	411.58	-8,166.06	284.58	-133.26	417.84	0.681 Level 1		
16,600.00	7,260.67	16,415.54	7,070.78	273.19	273.32	-48.18	411.55	-8,266.06	284.77	-137.42	422.19	0.675 Level 1		
16,700.00	7,260.85	16,515.54	7,070.79	276.02	276.15	-48.17	411.51	-8,366.06	284.97	-141.57	426.54	0.668 Level 1		
16,800.00	7,261.02	16,615.54	7,070.80	278.86	278.99	-48.16	411.48	-8,466.06	285.16	-145.73	430.89	0.662 Level 1		
16,900.00	7,261.20	16,715.54	7,070.81	281.69	281.83	-48.15	411.45	-8,566.06	285.36	-149.89	435.25	0.656 Level 1		
17,000.00	7,261.38	16,815.54	7,070.82	284.53	284.67	-48.14	411.41	-8,666.06	285.55	-154.04	439.60	0.650 Level 1		
17,100.00	7,261.56	16,915.54	7,070.83	287.37	287.50	-48.13	411.38	-8,766.06	285.75	-158.20	443.95	0.644 Level 1		
17,200.00	7,261.73	17,015.54	7,070.84	290.21	290.34	-48.12	411.35	-8,866.06	285.94	-162.35	448.30	0.638 Level 1		
17,300.00	7,261.91	17,115.54	7,070.85	293.04	293.18	-48.11	411.31	-8,966.06	286.14	-166.50	452.64	0.632 Level 1		
17,400.00	7,262.09	17,215.54	7,070.85	295.88	296.02	-48.10	411.28	-9,066.06	286.33	-170.66	456.99	0.627 Level 1		
17,500.00	7,262.26	17,315.54	7,070.86	298.72	298.86	-48.09	411.24	-9,166.05	286.53	-174.81	461.34	0.621 Level 1		
17,600.00	7,262.44	17,415.54	7,070.87	301.56	301.70	-48.08	411.21	-9,266.05	286.72	-178.96	465.69	0.616 Level 1		
17,700.00	7,262.62	17,515.54	7,070.88	304.40	304.54	-48.07	411.18	-9,366.05	286.92	-183.12	470.04	0.610 Level 1		
17,800.00	7,262.80	17,615.54	7,070.89	307.24	307.38	-48.06	411.14	-9,466.05	287.12	-187.27	474.38	0.605 Level 1		
17,900.00	7,262.97	17,715.54	7,070.90	310.08	310.22	-48.05	411.11	-9,566.05	287.31	-191.42	478.73	0.600 Level 1		
18,000.00	7,263.15	17,815.54	7,070.91	312.92	313.06	-48.04	411.08	-9,666.05	287.51	-195.57	483.07	0.595 Level 1		
18,100.00	7,263.33	17,915.54	7,070.92	315.76	315.90	-48.03	411.04	-9,766.05	287.70	-199.72	487.42	0.590 Level 1		
18,200.00	7,263.50	18,015.54	7,070.93	318.61	318.75	-48.02	411.01	-9,866.05	287.90	-203.86	491.76	0.585 Level 1		
18,300.00	7,263.68	18,115.54	7,070.93	321.45	321.59	-48.01	410.98	-9,966.05	288.09	-208.01	496.10	0.581 Level 1		
18,400.00	7,263.86	18,215.54	7,070.94	324.29	324.43	-48.00	410.94	-10,066.05	288.29	-212.16	500.45	0.576 Level 1		
18,500.00	7,264.04	18,315.54	7,070.95	327.13	327.27	-47.99	410.91	-10,166.05	288.48	-216.31	504.79	0.571 Level 1		
18,600.00	7,264.21	18,415.54	7,070.96	329.97	330.12	-47.98	410.87	-10,266.05	288.68	-220.45	509.13	0.567 Level 1		
18,700.00	7,264.39	18,515.54	7,070.97	332.82	332.96	-47.97	410.84	-10,366.05	288.87	-224.60	513.47	0.563 Level 1		
18,800.00	7,264.57	18,615.54	7,070.98	335.66	335.81	-47.96	410.81	-10,466.05	289.07	-228.74	517.81	0.558 Level 1		
18,900.00	7,264.74	18,715.54	7,070.99	338.51	338.65	-47.95	410.77	-10,566.05	289.26	-232.89	522.15	0.554 Level 1		
19,000.00	7,264.92	18,815.54	7,071.00	341.35	341.49	-47.94	410.74	-10,666.05	289.46	-237.03	526.49	0.550 Level 1		
19,044.52	7,265.00	18,860.06	7,071.00	342.62	342.76	-47.93	410.72	-10,710.57	289.54	-238.87	528.42	0.548 Level 1, ES, 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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-89.98	-0.83	89.98					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-89.98	-0.83	89.98	83.41	6.57	13.697		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-89.98	-0.83	89.98	83.31	6.67	13.483 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	115.96	-89.98	-0.83	90.73	83.85	6.89	13.172		
400.00	399.84	398.62	398.60	3.60	3.60	117.80	-90.72	0.69	93.79	86.59	7.20	13.029		
500.00	499.45	497.16	497.01	3.81	3.79	119.36	-92.95	5.26	99.88	92.29	7.60	13.148		
600.00	598.70	595.48	594.96	4.06	4.02	120.56	-96.65	12.85	108.98	100.90	8.08	13.490		
700.00	697.47	693.46	692.22	4.34	4.28	121.38	-101.81	23.41	121.02	112.39	8.63	14.019		
800.00	795.62	790.96	788.56	4.66	4.58	121.85	-108.38	36.89	135.96	126.71	9.25	14.695		
824.00	819.08	814.28	811.52	4.75	4.66	121.92	-110.16	40.54	139.97	130.56	9.41	14.872		
900.00	893.28	887.98	883.86	5.02	4.91	121.95	-116.34	53.21	153.23	143.30	9.93	15.431		
1,000.00	990.92	985.41	978.98	5.40	5.28	121.16	-125.60	72.19	171.45	160.80	10.66	16.091		
1,100.00	1,088.56	1,083.68	1,074.80	5.80	5.67	120.39	-135.13	91.74	189.86	178.44	11.43	16.615		
1,200.00	1,186.19	1,181.94	1,170.62	6.21	6.08	119.75	-144.67	111.29	208.30	196.07	12.23	17.028		
1,300.00	1,283.83	1,280.20	1,266.45	6.64	6.50	119.21	-154.20	130.84	226.76	213.69	13.07	17.355		
1,400.00	1,381.47	1,378.46	1,362.27	7.08	6.94	118.75	-163.74	150.39	245.23	231.31	13.92	17.615		
1,500.00	1,479.10	1,476.72	1,458.09	7.53	7.39	118.36	-173.27	169.95	263.72	248.92	14.80	17.824		
1,600.00	1,576.74	1,574.98	1,553.92	7.99	7.85	118.02	-182.81	189.50	282.22	266.53	15.69	17.992		
1,700.00	1,674.38	1,673.24	1,649.74	8.45	8.31	117.72	-192.35	209.05	300.72	284.13	16.59	18.128		
1,800.00	1,772.02	1,771.51	1,745.56	8.92	8.78	117.46	-201.88	228.60	319.24	301.73	17.50	18.239		
1,900.00	1,869.65	1,869.77	1,841.39	9.39	9.26	117.22	-211.42	248.15	337.75	319.33	18.43	18.330		
2,000.00	1,967.29	1,968.03	1,937.21	9.87	9.74	117.01	-220.95	267.70	356.28	336.92	19.36	18.405		
2,100.00	2,064.93	2,066.29	2,033.03	10.35	10.22	116.82	-230.49	287.25	374.81	354.51	20.30	18.467		
2,200.00	2,162.56	2,164.55	2,128.86	10.83	10.71	116.65	-240.03	306.81	393.34	372.10	21.24	18.518		
2,300.00	2,260.20	2,262.81	2,224.68	11.32	11.20	116.50	-249.56	326.36	411.87	389.68	22.19	18.561		
2,400.00	2,357.84	2,361.07	2,320.50	11.80	11.69	116.35	-259.10	345.91	430.41	407.26	23.14	18.596		
2,500.00	2,455.48	2,459.34	2,416.33	12.29	12.18	116.22	-268.63	365.46	448.95	424.85	24.10	18.626		
2,600.00	2,553.11	2,557.60	2,512.15	12.78	12.68	116.10	-278.17	385.01	467.49	442.43	25.07	18.651		
2,700.00	2,650.75	2,655.86	2,607.97	13.27	13.18	115.99	-287.70	404.56	486.03	460.00	26.03	18.672		
2,800.00	2,748.39	2,754.12	2,703.80	13.77	13.68	115.89	-297.24	424.11	504.58	477.58	27.00	18.689		
2,900.00	2,846.02	2,852.38	2,799.62	14.26	14.18	115.79	-306.78	443.67	523.13	495.16	27.97	18.703		
3,000.00	2,943.66	2,950.64	2,895.44	14.76	14.68	115.70	-316.31	463.22	541.67	512.73	28.94	18.715		
3,100.00	3,041.30	3,048.90	2,991.27	15.25	15.18	115.62	-325.85	482.77	560.22	530.31	29.92	18.725		
3,200.00	3,138.94	3,147.17	3,087.09	15.75	15.69	115.54	-335.38	502.32	578.77	547.88	30.89	18.734		
3,300.00	3,236.57	3,245.43	3,182.91	16.25	16.19	115.46	-344.92	521.87	597.32	565.45	31.87	18.741		
3,400.00	3,334.21	3,343.69	3,278.74	16.75	16.70	115.40	-354.46	541.42	615.88	583.02	32.85	18.746		
3,500.00	3,431.85	3,441.95	3,374.56	17.25	17.20	115.33	-363.99	560.97	634.43	600.59	33.84	18.750		
3,600.00	3,529.48	3,540.21	3,470.38	17.75	17.71	115.27	-373.53	580.53	652.98	618.17	34.82	18.754		
3,700.00	3,627.12	3,638.47	3,566.21	18.25	18.22	115.21	-383.06	600.08	671.54	635.74	35.80	18.757		
3,800.00	3,724.76	3,736.73	3,662.03	18.75	18.73	115.16	-392.60	619.63	690.09	653.30	36.79	18.759		
3,900.00	3,822.40	3,834.99	3,757.85	19.25	19.24	115.11	-402.14	639.18	708.65	670.87	37.77	18.760		
4,000.00	3,920.03	3,933.26	3,853.68	19.75	19.75	115.06	-411.67	658.73	727.20	688.44	38.76	18.761		
4,100.00	4,017.67	4,031.52	3,949.50	20.25	20.26	115.01	-421.21	678.28	745.76	706.01	39.75	18.761		
4,200.00	4,115.31	4,129.78	4,045.32	20.76	20.77	114.97	-430.74	697.83	764.32	723.58	40.74	18.761		
4,300.00	4,212.94	4,228.04	4,141.15	21.26	21.28	114.92	-440.28	717.39	782.88	741.15	41.73	18.761		
4,400.00	4,310.58	4,326.30	4,236.97	21.76	21.79	114.88	-449.81	736.94	801.43	758.71	42.72	18.761		
4,500.00	4,408.22	4,424.56	4,332.79	22.27	22.30	114.84	-459.35	756.49	819.99	776.28	43.71	18.760		
4,600.00	4,505.86	4,522.82	4,428.62	22.77	22.81	114.81	-468.89	776.04	838.55	793.85	44.70	18.759		
4,700.00	4,603.49	4,621.09	4,524.44	23.28	23.32	114.77	-478.42	795.59	857.11	811.42	45.69	18.758		
4,800.00	4,701.13	4,719.35	4,620.26	23.78	23.83	114.74	-487.96	815.14	875.67	828.98	46.69	18.756		
4,900.00	4,798.77	4,817.61	4,716.09	24.28	24.35	114.71	-497.49	834.69	894.23	846.55	47.68	18.755		
5,000.00	4,896.40	4,915.87	4,811.91	24.79	24.86	114.67	-507.03	854.25	912.79	864.11	48.67	18.753		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	5,014.13	4,907.73	25.30	25.37	114.64	-516.57	873.80	931.35	881.68	49.67	18.751		
5,200.00	5,091.68	5,112.39	5,003.56	25.80	25.89	114.62	-526.10	893.35	949.91	899.24	50.66	18.750		
5,300.00	5,189.32	5,210.65	5,099.38	26.31	26.40	114.59	-535.64	912.90	968.47	916.81	51.66	18.748		
5,400.00	5,286.95	5,308.92	5,195.20	26.81	26.91	114.56	-545.17	932.45	987.03	934.38	52.65	18.746		
5,500.00	5,384.59	5,407.18	5,291.03	27.32	27.43	114.54	-554.71	952.00	1,005.59	951.94	53.65	18.744		
5,600.00	5,482.23	5,505.44	5,386.85	27.82	27.94	114.51	-564.25	971.55	1,024.15	969.51	54.65	18.742		
5,700.00	5,579.87	5,603.70	5,482.67	28.33	28.45	114.49	-573.78	991.11	1,042.71	987.07	55.64	18.740		
5,800.00	5,677.50	5,701.96	5,578.50	28.84	28.97	114.47	-583.32	1,010.66	1,061.27	1,004.63	56.64	18.738		
5,900.00	5,775.14	5,800.22	5,674.32	29.34	29.48	114.44	-592.85	1,030.21	1,079.83	1,022.20	57.64	18.736		
6,000.00	5,872.78	5,898.48	5,770.14	29.85	30.00	114.42	-602.39	1,049.76	1,098.40	1,039.76	58.63	18.733		
6,100.00	5,970.41	6,003.25	5,865.97	30.36	30.55	114.40	-611.92	1,069.31	1,116.96	1,057.29	59.66	18.721		
6,200.00	6,068.05	6,104.99	5,961.79	30.86	31.08	114.38	-621.46	1,088.86	1,135.52	1,074.84	60.68	18.713		
6,300.00	6,165.69	6,206.73	6,057.61	31.37	31.61	114.36	-631.00	1,108.41	1,154.08	1,092.39	61.70	18.706		
6,400.00	6,263.33	6,308.47	6,153.44	31.88	32.14	114.34	-640.53	1,127.97	1,172.64	1,109.93	62.71	18.699		
6,500.00	6,360.96	6,389.79	6,249.26	32.38	32.57	114.32	-650.07	1,147.52	1,191.21	1,127.58	63.62	18.723		
6,600.00	6,458.60	6,488.05	6,345.08	32.89	33.09	114.31	-659.60	1,167.07	1,209.77	1,145.15	64.62	18.720		
6,628.42	6,486.35	6,515.98	6,372.32	33.04	33.23	114.30	-662.31	1,172.62	1,215.04	1,150.14	64.91	18.720		
6,650.00	6,507.49	6,537.18	6,392.99	33.14	33.34	118.96	-664.37	1,176.84	1,219.05	1,153.93	65.12	18.720		
6,700.00	6,556.88	6,586.14	6,440.74	33.37	33.60	137.35	-669.12	1,186.59	1,228.36	1,162.77	65.59	18.728		
6,750.00	6,606.60	6,634.39	6,487.81	33.58	33.85	176.46	-673.81	1,196.09	1,237.67	1,171.65	66.03	18.745		
6,800.00	6,656.35	6,681.91	6,534.58	33.76	34.08	-140.78	-678.45	1,203.00	1,247.02	1,180.60	66.42	18.774		
6,850.00	6,705.83	6,730.05	6,582.36	33.94	34.28	-119.80	-683.18	1,206.40	1,256.36	1,189.56	66.80	18.809		
6,900.00	6,754.72	6,778.88	6,630.94	34.12	34.46	-109.87	-687.97	1,206.13	1,265.64	1,198.48	67.16	18.845		
6,950.00	6,802.72	6,828.45	6,680.09	34.31	34.63	-104.30	-692.81	1,202.04	1,274.81	1,207.28	67.53	18.878		
7,000.00	6,849.54	6,878.82	6,729.55	34.50	34.79	-100.74	-697.65	1,193.96	1,283.81	1,215.89	67.92	18.903		
7,050.00	6,894.89	6,930.02	6,779.03	34.71	34.96	-98.24	-702.49	1,181.74	1,292.58	1,224.25	68.33	18.917		
7,100.00	6,938.49	6,982.11	6,828.19	34.93	35.13	-96.39	-707.27	1,165.25	1,301.07	1,232.30	68.77	18.918		
7,150.00	6,980.07	7,035.13	6,876.69	35.17	35.32	-94.95	-711.97	1,144.39	1,309.23	1,239.97	69.26	18.904		
7,200.00	7,019.38	7,089.11	6,924.12	35.43	35.53	-93.81	-716.55	1,119.05	1,316.99	1,247.20	69.78	18.873		
7,250.00	7,056.17	7,144.07	6,970.03	35.71	35.76	-92.89	-720.96	1,089.21	1,324.29	1,253.93	70.36	18.821		
7,300.00	7,090.21	7,200.02	7,013.98	36.03	36.02	-92.13	-725.15	1,054.85	1,331.10	1,260.10	71.00	18.748		
7,350.00	7,121.30	7,256.96	7,055.44	36.37	36.32	-91.51	-729.08	1,016.05	1,337.35	1,265.64	71.71	18.649		
7,400.00	7,149.25	7,314.86	7,093.89	36.75	36.67	-91.00	-732.70	972.94	1,342.99	1,270.49	72.51	18.523		
7,450.00	7,173.87	7,373.67	7,128.80	37.17	37.06	-90.59	-735.95	925.75	1,347.98	1,274.60	73.39	18.368		
7,500.00	7,195.03	7,433.34	7,159.63	37.62	37.51	-90.27	-738.79	874.77	1,352.28	1,277.91	74.36	18.185		
7,550.00	7,212.58	7,493.78	7,185.89	38.11	38.02	-90.02	-741.16	820.41	1,355.83	1,280.40	75.44	17.974		
7,600.00	7,226.43	7,554.87	7,207.10	38.64	38.60	-89.84	-743.01	763.17	1,358.63	1,282.02	76.61	17.734		
7,650.00	7,236.48	7,616.50	7,222.86	39.20	39.24	-89.72	-744.33	703.63	1,360.62	1,282.74	77.88	17.471		
7,700.00	7,242.68	7,678.51	7,232.87	39.79	39.93	-89.66	-745.06	642.46	1,361.80	1,282.58	79.22	17.189		
7,753.32	7,245.00	7,744.90	7,236.97	40.44	40.72	-89.66	-745.20	576.24	1,362.15	1,281.43	80.72	16.875		
7,800.00	7,245.08	7,807.41	7,237.08	41.04	41.51	-89.66	-745.01	528.54	1,362.00	1,279.85	82.15	16.579		
7,900.00	7,245.26	7,907.41	7,237.27	42.43	42.90	-89.66	-744.62	428.54	1,361.69	1,276.69	85.00	16.021		
8,000.00	7,245.43	8,007.41	7,237.45	43.97	44.44	-89.66	-744.23	328.54	1,361.38	1,273.26	88.12	15.449		
8,100.00	7,245.61	8,107.41	7,237.64	45.64	46.11	-89.66	-743.84	228.54	1,361.06	1,269.57	91.50	14.876		
8,200.00	7,245.79	8,207.41	7,237.82	47.42	47.89	-89.66	-743.45	128.54	1,360.75	1,265.65	95.10	14.309		
8,300.00	7,245.97	8,307.41	7,238.01	49.30	49.78	-89.66	-743.06	28.54	1,360.44	1,261.54	98.90	13.756		
8,400.00	7,246.14	8,407.41	7,238.20	51.28	51.76	-89.66	-742.67	-71.46	1,360.12	1,257.24	102.88	13.221		
8,500.00	7,246.32	8,507.41	7,238.38	53.34	53.82	-89.67	-742.28	-171.45	1,359.81	1,252.79	107.02	12.707		
8,600.00	7,246.50	8,607.41	7,238.57	55.46	55.96	-89.67	-741.89	-271.45	1,359.50	1,248.20	111.29	12.215		
8,700.00	7,246.67	8,707.41	7,238.76	57.66	58.15	-89.67	-741.50	-371.45	1,359.18	1,243.49	115.70	11.748		
8,800.00	7,246.85	8,807.41	7,238.94	59.90	60.41	-89.67	-741.11	-471.45	1,358.87	1,238.66	120.21	11.304		
8,900.00	7,247.03	8,907.41	7,239.13	62.20	62.71	-89.67	-740.72	-571.45	1,358.56	1,233.73	124.82	10.884		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	9,007.41	7,239.32	64.55	65.06	-89.67	-740.33	-671.45	1,358.24	1,228.72	129.52	10.486		
9,100.00	7,247.38	9,107.41	7,239.50	66.93	67.45	-89.67	-739.94	-771.45	1,357.93	1,223.63	134.30	10.111		
9,200.00	7,247.56	9,207.41	7,239.69	69.35	69.87	-89.67	-739.54	-871.44	1,357.62	1,218.46	139.16	9.756		
9,300.00	7,247.74	9,307.41	7,239.87	71.80	72.33	-89.67	-739.15	-971.44	1,357.30	1,213.23	144.07	9.421		
9,400.00	7,247.91	9,407.41	7,240.06	74.29	74.82	-89.67	-738.76	-1,071.44	1,356.99	1,207.95	149.04	9.105		
9,500.00	7,248.09	9,507.41	7,240.25	76.79	77.33	-89.67	-738.37	-1,171.44	1,356.68	1,202.61	154.07	8.806		
9,600.00	7,248.27	9,607.41	7,240.43	79.33	79.87	-89.67	-737.98	-1,271.44	1,356.36	1,197.22	159.14	8.523		
9,700.00	7,248.45	9,707.42	7,240.62	81.88	82.42	-89.67	-737.59	-1,371.44	1,356.05	1,191.80	164.26	8.256		
9,800.00	7,248.62	9,807.42	7,240.81	84.45	85.00	-89.67	-737.20	-1,471.44	1,355.74	1,186.33	169.41	8.003		
9,900.00	7,248.80	9,907.42	7,240.99	87.04	87.60	-89.67	-736.81	-1,571.43	1,355.42	1,180.83	174.60	7.763		
10,000.00	7,248.98	10,007.42	7,241.18	89.65	90.21	-89.67	-736.42	-1,671.43	1,355.11	1,175.29	179.82	7.536		
10,100.00	7,249.15	10,107.42	7,241.36	92.28	92.83	-89.67	-736.03	-1,771.43	1,354.80	1,169.73	185.07	7.320		
10,200.00	7,249.33	10,207.42	7,241.55	94.91	95.47	-89.67	-735.64	-1,871.43	1,354.48	1,164.14	190.35	7.116		
10,300.00	7,249.51	10,307.42	7,241.74	97.56	98.12	-89.67	-735.25	-1,971.43	1,354.17	1,158.52	195.65	6.921		
10,400.00	7,249.69	10,407.42	7,241.92	100.22	100.79	-89.67	-734.86	-2,071.43	1,353.86	1,152.88	200.98	6.736		
10,500.00	7,249.86	10,507.42	7,242.11	102.89	103.46	-89.67	-734.47	-2,171.43	1,353.54	1,147.22	206.32	6.560		
10,600.00	7,250.04	10,607.42	7,242.30	105.57	106.15	-89.67	-734.08	-2,271.42	1,353.23	1,141.54	211.69	6.393		
10,700.00	7,250.22	10,707.42	7,242.48	108.27	108.84	-89.67	-733.68	-2,371.42	1,352.92	1,135.84	217.07	6.233		
10,800.00	7,250.39	10,807.42	7,242.67	110.96	111.54	-89.67	-733.29	-2,471.42	1,352.61	1,130.13	222.48	6.080		
10,900.00	7,250.57	10,907.42	7,242.85	113.67	114.25	-89.67	-732.90	-2,571.42	1,352.29	1,124.40	227.89	5.934		
11,000.00	7,250.75	11,007.42	7,243.04	116.39	116.97	-89.67	-732.51	-2,671.42	1,351.98	1,118.65	233.32	5.794		
11,100.00	7,250.93	11,107.42	7,243.23	119.11	119.69	-89.67	-732.12	-2,771.42	1,351.67	1,112.90	238.77	5.661		
11,200.00	7,251.10	11,207.42	7,243.41	121.83	122.42	-89.67	-731.73	-2,871.42	1,351.35	1,107.12	244.23	5.533		
11,300.00	7,251.28	11,307.42	7,243.60	124.57	125.16	-89.67	-731.34	-2,971.41	1,351.04	1,101.34	249.70	5.411		
11,400.00	7,251.46	11,407.42	7,243.79	127.31	127.90	-89.67	-730.95	-3,071.41	1,350.73	1,095.55	255.18	5.293		
11,500.00	7,251.63	11,507.42	7,243.97	130.05	130.64	-89.67	-730.56	-3,171.41	1,350.41	1,089.74	260.67	5.181		
11,600.00	7,251.81	11,607.42	7,244.16	132.80	133.39	-89.67	-730.17	-3,271.41	1,350.10	1,083.93	266.17	5.072		
11,700.00	7,251.99	11,707.43	7,244.35	135.55	136.15	-89.68	-729.78	-3,371.41	1,349.79	1,078.11	271.68	4.968		
11,800.00	7,252.17	11,807.43	7,244.53	138.31	138.91	-89.68	-729.39	-3,471.41	1,349.47	1,072.27	277.20	4.868		
11,900.00	7,252.34	11,907.43	7,244.72	141.07	141.67	-89.68	-729.00	-3,571.41	1,349.16	1,066.44	282.72	4.772		
12,000.00	7,252.52	12,007.43	7,244.90	143.84	144.44	-89.68	-728.61	-3,671.40	1,348.85	1,060.59	288.26	4.679		
12,100.00	7,252.70	12,107.43	7,245.09	146.61	147.21	-89.68	-728.21	-3,771.40	1,348.53	1,054.73	293.80	4.590		
12,200.00	7,252.87	12,207.43	7,245.28	149.38	149.99	-89.68	-727.82	-3,871.40	1,348.22	1,048.87	299.35	4.504		
12,300.00	7,253.05	12,307.43	7,245.46	152.16	152.76	-89.68	-727.43	-3,971.40	1,347.91	1,043.00	304.90	4.421		
12,400.00	7,253.23	12,407.43	7,245.65	154.94	155.55	-89.68	-727.04	-4,071.40	1,347.59	1,037.13	310.46	4.341		
12,500.00	7,253.41	12,507.43	7,245.84	157.72	158.33	-89.68	-726.65	-4,171.40	1,347.28	1,031.25	316.03	4.263		
12,600.00	7,253.58	12,607.43	7,246.02	160.51	161.12	-89.68	-726.26	-4,271.40	1,346.97	1,025.37	321.60	4.188		
12,700.00	7,253.76	12,707.43	7,246.21	163.29	163.91	-89.68	-725.87	-4,371.39	1,346.65	1,019.48	327.18	4.116		
12,800.00	7,253.94	12,807.43	7,246.39	166.08	166.70	-89.68	-725.48	-4,471.39	1,346.34	1,013.58	332.76	4.046		
12,900.00	7,254.11	12,907.43	7,246.58	168.88	169.49	-89.68	-725.09	-4,571.39	1,346.03	1,007.68	338.35	3.978		
13,000.00	7,254.29	13,007.43	7,246.77	171.67	172.29	-89.68	-724.70	-4,671.39	1,345.71	1,001.78	343.94	3.913		
13,100.00	7,254.47	13,107.43	7,246.95	174.47	175.09	-89.68	-724.31	-4,771.39	1,345.40	995.87	349.53	3.849		
13,200.00	7,254.65	13,207.43	7,247.14	177.27	177.89	-89.68	-723.92	-4,871.39	1,345.09	989.96	355.13	3.788		
13,300.00	7,254.82	13,307.43	7,247.33	180.07	180.69	-89.68	-723.53	-4,971.39	1,344.77	984.04	360.73	3.728		
13,400.00	7,255.00	13,407.43	7,247.51	182.87	183.49	-89.68	-723.14	-5,071.38	1,344.46	978.12	366.34	3.670		
13,500.00	7,255.18	13,507.43	7,247.70	185.67	186.30	-89.68	-722.75	-5,171.38	1,344.15	972.20	371.95	3.614		
13,600.00	7,255.35	13,607.43	7,247.88	188.48	189.10	-89.68	-722.35	-5,271.38	1,343.83	966.27	377.56	3.559		
13,700.00	7,255.53	13,707.43	7,248.07	191.29	191.91	-89.68	-721.96	-5,371.38	1,343.52	960.34	383.18	3.506		
13,800.00	7,255.71	13,807.44	7,248.26	194.10	194.72	-89.68	-721.57	-5,471.38	1,343.21	954.41	388.80	3.455		
13,900.00	7,255.89	13,907.44	7,248.44	196.91	197.54	-89.68	-721.18	-5,571.38	1,342.89	948.47	394.42	3.405		
14,000.00	7,256.06	14,007.44	7,248.63	199.72	200.35	-89.68	-720.79	-5,671.38	1,342.58	942.53	400.05	3.356		
14,100.00	7,256.24	14,107.44	7,248.82	202.53	203.16	-89.68	-720.40	-5,771.37	1,342.27	936.59	405.68	3.309		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	14,207.44	7,249.00	205.35	205.98	-89.68	-720.01	-5,871.37	1,341.95	930.65	411.31	3.263		
14,300.00	7,256.59	14,307.44	7,249.19	208.16	208.80	-89.68	-719.62	-5,971.37	1,341.64	924.70	416.94	3.218		
14,400.00	7,256.77	14,407.44	7,249.37	210.98	211.62	-89.68	-719.23	-6,071.37	1,341.33	918.75	422.58	3.174		
14,500.00	7,256.95	14,507.44	7,249.56	213.80	214.44	-89.68	-718.84	-6,171.37	1,341.01	912.80	428.21	3.132		
14,600.00	7,257.13	14,607.44	7,249.75	216.62	217.26	-89.68	-718.45	-6,271.37	1,340.70	906.85	433.86	3.090		
14,700.00	7,257.30	14,707.44	7,249.93	219.44	220.08	-89.68	-718.06	-6,371.37	1,340.39	900.89	439.50	3.050		
14,800.00	7,257.48	14,807.44	7,250.12	222.26	222.90	-89.68	-717.67	-6,471.36	1,340.07	894.93	445.14	3.010		
14,900.00	7,257.66	14,907.44	7,250.31	225.08	225.72	-89.69	-717.28	-6,571.36	1,339.76	888.97	450.79	2.972		
15,000.00	7,257.83	15,007.44	7,250.49	227.91	228.55	-89.69	-716.89	-6,671.36	1,339.45	883.01	456.44	2.935		
15,100.00	7,258.01	15,107.44	7,250.68	230.73	231.37	-89.69	-716.49	-6,771.36	1,339.14	877.05	462.09	2.898		
15,200.00	7,258.19	15,207.44	7,250.87	233.56	234.20	-89.69	-716.10	-6,871.36	1,338.82	871.08	467.74	2.862		
15,300.00	7,258.37	15,292.56	7,251.05	236.38	236.61	-89.69	-715.71	-6,971.36	1,338.51	865.54	472.97	2.830		
15,400.00	7,258.54	15,407.44	7,251.24	239.21	239.86	-89.69	-715.32	-7,071.36	1,338.20	859.15	479.05	2.793		
15,500.00	7,258.72	15,507.44	7,251.42	242.04	242.68	-89.69	-714.93	-7,171.35	1,337.88	853.18	484.70	2.760		
15,600.00	7,258.90	15,607.44	7,251.61	244.87	245.51	-89.69	-714.54	-7,271.35	1,337.57	847.21	490.36	2.728		
15,700.00	7,259.08	15,707.44	7,251.80	247.70	248.34	-89.69	-714.15	-7,371.35	1,337.26	841.24	496.02	2.696		
15,800.00	7,259.25	15,807.45	7,251.98	250.53	251.18	-89.69	-713.76	-7,471.35	1,336.94	835.26	501.68	2.665		
15,900.00	7,259.43	15,907.45	7,252.17	253.36	254.01	-89.69	-713.37	-7,571.35	1,336.63	829.29	507.34	2.635		
16,000.00	7,259.61	16,007.45	7,252.36	256.19	256.84	-89.69	-712.98	-7,671.35	1,336.32	823.31	513.01	2.605		
16,100.00	7,259.78	16,107.45	7,252.54	259.02	259.67	-89.69	-712.59	-7,771.35	1,336.00	817.33	518.67	2.576		
16,200.00	7,259.96	16,207.45	7,252.73	261.85	262.51	-89.69	-712.20	-7,871.34	1,335.69	811.35	524.34	2.547		
16,300.00	7,260.14	16,307.45	7,252.91	264.68	265.34	-89.69	-711.81	-7,971.34	1,335.38	805.37	530.00	2.520		
16,400.00	7,260.32	16,407.45	7,253.10	267.52	268.18	-89.69	-711.42	-8,071.34	1,335.06	799.39	535.67	2.492		
16,500.00	7,260.49	16,507.45	7,253.29	270.35	271.01	-89.69	-711.02	-8,171.34	1,334.75	793.41	541.34	2.466		
16,600.00	7,260.67	16,607.45	7,253.47	273.19	273.85	-89.69	-710.63	-8,271.34	1,334.44	787.42	547.01	2.440		
16,700.00	7,260.85	16,707.45	7,253.66	276.02	276.68	-89.69	-710.24	-8,371.34	1,334.12	781.44	552.68	2.414		
16,800.00	7,261.02	16,807.45	7,253.85	278.86	279.52	-89.69	-709.85	-8,471.34	1,333.81	775.45	558.36	2.389		
16,900.00	7,261.20	16,907.45	7,254.03	281.69	282.36	-89.69	-709.46	-8,571.33	1,333.50	769.47	564.03	2.364		
17,000.00	7,261.38	17,007.45	7,254.22	284.53	285.20	-89.69	-709.07	-8,671.33	1,333.18	763.48	569.70	2.340		
17,100.00	7,261.56	17,107.45	7,254.40	287.37	288.03	-89.69	-708.68	-8,771.33	1,332.87	757.49	575.38	2.317		
17,200.00	7,261.73	17,207.45	7,254.59	290.21	290.87	-89.69	-708.29	-8,871.33	1,332.56	751.50	581.06	2.293		
17,300.00	7,261.91	17,307.45	7,254.78	293.04	293.71	-89.69	-707.90	-8,971.33	1,332.24	745.51	586.73	2.271		
17,400.00	7,262.09	17,407.45	7,254.96	295.88	296.55	-89.69	-707.51	-9,071.33	1,331.93	739.52	592.41	2.248		
17,500.00	7,262.26	17,507.45	7,255.15	298.72	299.39	-89.69	-707.12	-9,171.33	1,331.62	733.53	598.09	2.226		
17,600.00	7,262.44	17,607.45	7,255.34	301.56	302.23	-89.69	-706.73	-9,271.32	1,331.30	727.53	603.77	2.205		
17,700.00	7,262.62	17,707.45	7,255.52	304.40	305.07	-89.69	-706.34	-9,371.32	1,330.99	721.54	609.45	2.184		
17,800.00	7,262.80	17,807.46	7,255.71	307.24	307.91	-89.69	-705.95	-9,471.32	1,330.68	715.55	615.13	2.163		
17,900.00	7,262.97	17,907.46	7,255.90	310.08	310.76	-89.69	-705.56	-9,571.32	1,330.36	709.55	620.81	2.143		
18,000.00	7,263.15	18,007.46	7,256.08	312.92	313.60	-89.70	-705.16	-9,671.32	1,330.05	703.55	626.50	2.123		
18,100.00	7,263.33	18,107.46	7,256.27	315.76	316.44	-89.70	-704.77	-9,771.32	1,329.74	697.56	632.18	2.103		
18,200.00	7,263.50	18,207.46	7,256.45	318.61	319.28	-89.70	-704.38	-9,871.32	1,329.42	691.56	637.86	2.084		
18,300.00	7,263.68	18,307.46	7,256.64	321.45	322.13	-89.70	-703.99	-9,971.31	1,329.11	685.56	643.55	2.065		
18,400.00	7,263.86	18,407.46	7,256.83	324.29	324.97	-89.70	-703.60	-10,071.31	1,328.80	679.56	649.23	2.047		
18,500.00	7,264.04	18,507.46	7,257.01	327.13	327.81	-89.70	-703.21	-10,171.31	1,328.48	673.56	654.92	2.028		
18,600.00	7,264.21	18,607.46	7,257.20	329.97	330.66	-89.70	-702.82	-10,271.31	1,328.17	667.56	660.61	2.011		
18,700.00	7,264.39	18,707.46	7,257.39	332.82	333.50	-89.70	-702.43	-10,371.31	1,327.86	661.56	666.29	1.993		
18,800.00	7,264.57	18,807.46	7,257.57	335.66	336.34	-89.70	-702.04	-10,471.31	1,327.54	655.56	671.98	1.976		
18,900.00	7,264.74	18,907.46	7,257.76	338.51	339.19	-89.70	-701.65	-10,571.31	1,327.23	649.56	677.67	1.959		
19,000.00	7,264.92	18,992.54	7,257.94	341.35	341.61	-89.70	-701.26	-10,671.30	1,326.92	643.98	682.94	1.943		
19,034.05	7,264.98	19,022.43	7,258.00	342.32	342.46	-89.70	-701.14	-10,701.19	1,326.82	642.07	684.75	1.938		
19,044.52	7,265.00	19,022.43	7,258.00	342.62	342.46	-89.70	-701.14	-10,701.19	1,326.86	641.84	685.02	1.937 SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-179.58	-75.04	-0.56	75.04					
100.00	100.00	100.00	100.00	3.28	3.28	-179.58	-75.04	-0.56	75.04	68.47	6.57	11.423		
200.00	200.00	200.00	200.00	3.34	3.34	-179.58	-75.04	-0.56	75.04	68.37	6.67	11.244 CC, ES		
300.00	299.98	299.56	299.54	3.44	3.44	114.75	-75.34	1.15	76.06	69.18	6.89	11.047		
400.00	399.84	399.05	398.89	3.60	3.60	114.42	-76.24	6.25	79.13	71.94	7.20	10.996		
500.00	499.45	498.42	497.88	3.81	3.80	113.91	-77.74	14.74	84.24	76.64	7.60	11.081		
600.00	598.70	597.60	596.32	4.06	4.04	113.30	-79.82	26.57	91.40	83.30	8.09	11.292		
700.00	697.47	696.53	694.05	4.34	4.32	112.62	-82.49	41.71	100.58	91.92	8.66	11.610		
800.00	795.62	811.90	790.83	4.66	4.70	111.93	-85.73	60.08	111.78	102.42	9.36	11.939		
824.00	819.08	818.91	814.11	4.75	4.73	111.78	-86.60	64.99	114.76	105.29	9.47	12.119		
900.00	893.28	905.70	887.84	5.02	5.04	111.64	-89.33	80.51	124.32	114.26	10.05	12.368		
1,000.00	990.92	1,006.49	984.86	5.40	5.43	111.48	-92.94	100.94	136.89	126.08	10.81	12.659		
1,100.00	1,088.56	1,107.28	1,081.87	5.80	5.84	111.35	-96.54	121.37	149.47	137.86	11.62	12.869		
1,200.00	1,186.19	1,208.08	1,178.88	6.21	6.27	111.24	-100.14	141.80	162.05	149.60	12.45	13.017		
1,300.00	1,283.83	1,308.87	1,275.89	6.64	6.71	111.15	-103.74	162.23	174.63	161.32	13.31	13.122		
1,400.00	1,381.47	1,409.67	1,372.90	7.08	7.16	111.07	-107.34	182.66	187.21	173.02	14.19	13.194		
1,500.00	1,479.10	1,489.54	1,469.92	7.53	7.52	111.00	-110.95	203.09	199.79	184.79	14.99	13.326		
1,600.00	1,576.74	1,588.74	1,566.93	7.99	7.98	110.94	-114.55	223.52	212.36	196.47	15.90	13.360		
1,700.00	1,674.38	1,687.95	1,663.94	8.45	8.45	110.88	-118.15	243.95	224.94	208.13	16.81	13.380		
1,800.00	1,772.02	1,787.15	1,760.95	8.92	8.92	110.84	-121.75	264.38	237.52	219.79	17.74	13.390		
1,900.00	1,869.65	1,886.36	1,857.97	9.39	9.39	110.79	-125.36	284.81	250.10	231.43	18.67	13.393		
2,000.00	1,967.29	1,985.56	1,954.98	9.87	9.87	110.75	-128.96	305.24	262.68	243.07	19.62	13.391		
2,100.00	2,064.93	2,084.77	2,051.99	10.35	10.35	110.72	-132.56	325.67	275.26	254.70	20.57	13.384		
2,200.00	2,162.56	2,183.97	2,149.00	10.83	10.83	110.68	-136.16	346.09	287.84	266.32	21.52	13.375		
2,300.00	2,260.20	2,283.18	2,246.01	11.32	11.32	110.65	-139.77	366.52	300.43	277.94	22.48	13.363		
2,400.00	2,357.84	2,382.39	2,343.03	11.80	11.81	110.62	-143.37	386.95	313.01	289.56	23.45	13.350		
2,500.00	2,455.48	2,481.59	2,440.04	12.29	12.30	110.60	-146.97	407.38	325.59	301.17	24.41	13.336		
2,600.00	2,553.11	2,580.80	2,537.05	12.78	12.79	110.57	-150.57	427.81	338.17	312.78	25.39	13.321		
2,700.00	2,650.75	2,680.00	2,634.06	13.27	13.28	110.55	-154.17	448.24	350.75	324.39	26.36	13.306		
2,800.00	2,748.39	2,779.21	2,731.08	13.77	13.78	110.53	-157.78	468.67	363.33	335.99	27.34	13.290		
2,900.00	2,846.02	2,878.41	2,828.09	14.26	14.27	110.51	-161.38	489.10	375.91	347.59	28.32	13.275		
3,000.00	2,943.66	2,977.62	2,925.10	14.76	14.77	110.49	-164.98	509.53	388.49	359.19	29.30	13.259		
3,100.00	3,041.30	3,076.82	3,022.11	15.25	15.27	110.48	-168.58	529.96	401.07	370.79	30.28	13.244		
3,200.00	3,138.94	3,176.03	3,119.12	15.75	15.76	110.46	-172.19	550.39	413.65	382.38	31.27	13.229		
3,300.00	3,236.57	3,275.23	3,216.14	16.25	16.26	110.45	-175.79	570.82	426.23	393.98	32.26	13.214		
3,400.00	3,334.21	3,374.44	3,313.15	16.75	16.76	110.43	-179.39	591.25	438.81	405.57	33.24	13.200		
3,500.00	3,431.85	3,473.64	3,410.16	17.25	17.27	110.42	-182.99	611.68	451.39	417.16	34.23	13.185		
3,600.00	3,529.48	3,572.85	3,507.17	17.75	17.77	110.41	-186.59	632.11	463.98	428.75	35.23	13.171		
3,700.00	3,627.12	3,672.06	3,604.19	18.25	18.27	110.39	-190.20	652.53	476.56	440.34	36.22	13.158		
3,800.00	3,724.76	3,771.26	3,701.20	18.75	18.77	110.38	-193.80	672.96	489.14	451.93	37.21	13.145		
3,900.00	3,822.40	3,870.47	3,798.21	19.25	19.27	110.37	-197.40	693.39	501.72	463.51	38.21	13.132		
4,000.00	3,920.03	3,969.67	3,895.22	19.75	19.78	110.36	-201.00	713.82	514.30	475.10	39.20	13.120		
4,100.00	4,017.67	4,068.88	3,992.24	20.25	20.28	110.35	-204.61	734.25	526.88	486.68	40.20	13.107		
4,200.00	4,115.31	4,168.08	4,089.25	20.76	20.79	110.34	-208.21	754.68	539.46	498.27	41.19	13.096		
4,300.00	4,212.94	4,267.29	4,186.26	21.26	21.29	110.33	-211.81	775.11	552.04	509.85	42.19	13.084		
4,400.00	4,310.58	4,366.49	4,283.27	21.76	21.80	110.33	-215.41	795.54	564.62	521.43	43.19	13.073		
4,500.00	4,408.22	4,465.70	4,380.28	22.27	22.30	110.32	-219.01	815.97	577.21	533.02	44.19	13.062		
4,600.00	4,505.86	4,564.90	4,477.30	22.77	22.81	110.31	-222.62	836.40	589.79	544.60	45.19	13.052		
4,700.00	4,603.49	4,664.11	4,574.31	23.28	23.31	110.30	-226.22	856.83	602.37	556.18	46.19	13.042		
4,800.00	4,701.13	4,763.31	4,671.32	23.78	23.82	110.30	-229.82	877.26	614.95	567.76	47.19	13.032		
4,900.00	4,798.77	4,862.52	4,768.33	24.28	24.32	110.29	-233.42	897.69	627.53	579.34	48.19	13.022		
5,000.00	4,896.40	4,961.73	4,865.35	24.79	24.83	110.28	-237.03	918.12	640.11	590.92	49.19	13.013		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	5,060.93	4,962.36	25.30	25.34	110.28	-240.63	938.55	652.69	602.50	50.19	13.004		
5,200.00	5,091.68	5,160.14	5,059.37	25.80	25.84	110.27	-244.23	958.98	665.27	614.08	51.19	12.995		
5,300.00	5,189.32	5,259.34	5,156.38	26.31	26.35	110.26	-247.83	979.40	677.86	625.66	52.20	12.987		
5,400.00	5,286.95	5,358.55	5,253.39	26.81	26.86	110.26	-251.43	999.83	690.44	637.24	53.20	12.978		
5,500.00	5,384.59	5,457.75	5,350.41	27.32	27.37	110.25	-255.04	1,020.26	703.02	648.82	54.20	12.970		
5,600.00	5,482.23	5,556.96	5,447.42	27.82	27.87	110.25	-258.64	1,040.69	715.60	660.39	55.21	12.962		
5,700.00	5,579.87	5,656.16	5,544.43	28.33	28.38	110.24	-262.24	1,061.12	728.18	671.97	56.21	12.955		
5,800.00	5,677.50	5,755.37	5,641.44	28.84	28.89	110.24	-265.84	1,081.55	740.76	683.55	57.21	12.947		
5,900.00	5,775.14	5,854.57	5,738.46	29.34	29.40	110.23	-269.45	1,101.98	753.34	695.12	58.22	12.940		
6,000.00	5,872.78	5,953.78	5,835.47	29.85	29.91	110.23	-273.05	1,122.41	765.92	706.70	59.22	12.933		
6,100.00	5,970.41	6,052.98	5,932.48	30.36	30.41	110.23	-276.65	1,142.84	778.51	718.28	60.23	12.926		
6,200.00	6,068.05	6,152.19	6,029.49	30.86	30.92	110.22	-280.25	1,163.27	791.09	729.85	61.23	12.919		
6,300.00	6,165.69	6,251.40	6,126.50	31.37	31.43	110.22	-283.85	1,183.70	803.67	741.43	62.24	12.913		
6,400.00	6,263.33	6,354.25	6,227.51	31.88	31.94	110.38	-287.61	1,202.51	816.13	752.87	63.27	12.900		
6,500.00	6,360.96	6,457.69	6,330.68	32.38	32.34	111.58	-291.51	1,206.55	828.04	763.84	64.20	12.899		
6,600.00	6,458.60	6,553.49	6,425.67	32.89	32.66	113.66	-295.15	1,195.35	840.23	775.22	65.01	12.925		
6,628.42	6,486.35	6,578.87	6,450.46	33.04	32.75	114.35	-296.11	1,190.00	843.96	778.73	65.22	12.939		
6,650.00	6,507.49	6,597.69	6,468.69	33.14	32.82	119.47	-296.82	1,185.40	846.90	781.53	65.38	12.954		
6,700.00	6,556.88	6,640.49	6,509.60	33.37	32.98	139.02	-298.41	1,172.93	854.13	788.43	65.70	13.001		
6,750.00	6,606.60	6,682.29	6,548.65	33.58	33.14	179.44	-299.95	1,158.13	861.84	795.86	65.97	13.063		
6,800.00	6,656.35	6,723.19	6,585.84	33.76	33.31	-136.50	-301.42	1,141.19	869.93	803.72	66.21	13.138		
6,850.00	6,705.83	6,763.30	6,621.18	33.94	33.49	-114.25	-302.83	1,122.30	878.31	811.88	66.42	13.223		
6,900.00	6,754.72	6,802.71	6,654.69	34.12	33.67	-103.11	-304.17	1,101.60	886.86	820.25	66.62	13.313		
6,950.00	6,802.72	6,841.49	6,686.35	34.31	33.87	-96.36	-305.46	1,079.24	895.51	828.71	66.80	13.405		
7,000.00	6,849.54	6,879.73	6,716.17	34.50	34.08	-91.68	-306.67	1,055.35	904.14	837.16	66.98	13.498		
7,050.00	6,894.89	6,917.48	6,744.15	34.71	34.31	-88.12	-307.83	1,030.05	912.67	845.51	67.16	13.589		
7,100.00	6,938.49	6,954.81	6,770.30	34.93	34.54	-85.27	-308.91	1,003.44	921.01	853.66	67.36	13.674		
7,150.00	6,980.07	6,991.75	6,794.61	35.17	34.80	-82.90	-309.94	975.64	929.08	861.50	67.57	13.749		
7,200.00	7,019.38	7,028.36	6,817.06	35.43	35.07	-80.88	-310.89	946.75	936.79	868.97	67.82	13.812		
7,250.00	7,056.17	7,064.69	6,837.66	35.71	35.36	-79.15	-311.78	916.85	944.08	875.97	68.11	13.861		
7,300.00	7,090.21	7,100.00	6,856.03	36.03	35.66	-77.67	-312.59	886.70	950.88	882.44	68.44	13.894		
7,350.00	7,121.30	7,136.61	6,873.27	36.37	35.99	-76.37	-313.36	854.42	957.13	888.27	68.86	13.899		
7,400.00	7,149.25	7,172.28	6,888.26	36.75	36.34	-75.27	-314.05	822.07	962.78	893.44	69.34	13.885		
7,450.00	7,173.87	7,207.80	6,901.36	37.17	36.70	-74.34	-314.66	789.07	967.79	897.89	69.90	13.845		
7,500.00	7,195.03	7,243.19	6,912.57	37.62	37.08	-73.57	-315.21	755.51	972.10	901.56	70.55	13.780		
7,550.00	7,212.58	7,278.47	6,921.87	38.11	37.48	-72.95	-315.69	721.48	975.69	904.41	71.28	13.688		
7,600.00	7,226.43	7,313.68	6,929.27	38.64	37.90	-72.48	-316.09	687.06	978.53	906.43	72.10	13.571		
7,650.00	7,236.48	7,350.00	6,934.88	39.20	38.34	-72.15	-316.44	651.19	980.60	907.58	73.02	13.429		
7,700.00	7,242.68	7,383.97	6,938.28	39.79	38.76	-71.96	-316.69	617.40	981.88	907.89	74.00	13.269		
7,753.32	7,245.00	7,421.42	6,939.93	40.44	39.24	-71.91	-316.89	579.98	982.38	907.25	75.13	13.076		
7,800.00	7,245.08	7,464.84	6,940.10	41.04	39.83	-71.92	-317.05	536.57	982.55	906.26	76.28	12.880		
7,900.00	7,245.26	7,564.84	6,940.36	42.43	41.28	-71.93	-317.43	436.57	982.95	903.91	79.04	12.436		
8,000.00	7,245.43	7,664.84	6,940.63	43.97	42.86	-71.94	-317.81	336.57	983.35	901.29	82.06	11.984		
8,100.00	7,245.61	7,764.84	6,940.89	45.64	44.57	-71.96	-318.18	236.57	983.75	898.43	85.32	11.530		
8,200.00	7,245.79	7,864.84	6,941.16	47.42	46.40	-71.97	-318.56	136.57	984.16	895.36	88.80	11.083		
8,300.00	7,245.97	7,964.84	6,941.43	49.30	48.33	-71.98	-318.93	36.58	984.56	892.09	92.47	10.647		
8,400.00	7,246.14	8,064.83	6,941.69	51.28	50.34	-72.00	-319.31	-63.42	984.96	888.64	96.32	10.226		
8,500.00	7,246.32	8,164.83	6,941.96	53.34	52.44	-72.01	-319.68	-163.42	985.37	885.05	100.32	9.823		
8,600.00	7,246.50	8,264.83	6,942.22	55.46	54.60	-72.02	-320.06	-263.42	985.77	881.32	104.45	9.438		
8,700.00	7,246.67	8,364.83	6,942.49	57.66	56.83	-72.03	-320.43	-363.41	986.17	877.47	108.70	9.073		
8,800.00	7,246.85	8,464.83	6,942.76	59.90	59.11	-72.05	-320.81	-463.41	986.58	873.52	113.05	8.727		
8,900.00	7,247.03	8,564.83	6,943.02	62.20	61.44	-72.06	-321.18	-563.41	986.98	869.47	117.51	8.399		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	8,664.83	6,943.29	64.55	63.81	-72.07	-321.56	-663.41	987.38	865.34	122.04	8.091		
9,100.00	7,247.38	8,764.83	6,943.55	66.93	66.22	-72.09	-321.93	-763.41	987.79	861.14	126.65	7.799		
9,200.00	7,247.56	8,864.83	6,943.82	69.35	68.67	-72.10	-322.31	-863.40	988.19	856.87	131.33	7.525		
9,300.00	7,247.74	8,964.82	6,944.09	71.80	71.15	-72.11	-322.68	-963.40	988.59	852.53	136.06	7.266		
9,400.00	7,247.91	9,064.82	6,944.35	74.29	73.65	-72.13	-323.06	-1,063.40	989.00	848.14	140.85	7.021		
9,500.00	7,248.09	9,164.82	6,944.62	76.79	76.18	-72.14	-323.43	-1,163.40	989.40	843.71	145.69	6.791		
9,600.00	7,248.27	9,264.82	6,944.88	79.33	78.73	-72.15	-323.81	-1,263.40	989.80	839.23	150.58	6.573		
9,700.00	7,248.45	9,364.82	6,945.15	81.88	81.31	-72.16	-324.19	-1,363.39	990.21	834.71	155.50	6.368		
9,800.00	7,248.62	9,464.82	6,945.42	84.45	83.90	-72.18	-324.56	-1,463.39	990.61	830.15	160.46	6.173		
9,900.00	7,248.80	9,564.82	6,945.68	87.04	86.51	-72.19	-324.94	-1,563.39	991.02	825.56	165.46	5.990		
10,000.00	7,248.98	9,664.82	6,945.95	89.65	89.13	-72.20	-325.31	-1,663.39	991.42	820.94	170.48	5.815		
10,100.00	7,249.15	9,764.82	6,946.21	92.28	91.77	-72.22	-325.69	-1,763.38	991.82	816.29	175.54	5.650		
10,200.00	7,249.33	9,864.82	6,946.48	94.91	94.42	-72.23	-326.06	-1,863.38	992.23	811.61	180.62	5.494		
10,300.00	7,249.51	9,964.81	6,946.75	97.56	97.08	-72.24	-326.44	-1,963.38	992.63	806.91	185.72	5.345		
10,400.00	7,249.69	10,064.81	6,947.01	100.22	99.75	-72.25	-326.81	-2,063.38	993.04	802.19	190.84	5.203		
10,500.00	7,249.86	10,164.81	6,947.28	102.89	102.44	-72.27	-327.19	-2,163.38	993.44	797.45	195.99	5.069		
10,600.00	7,250.04	10,264.81	6,947.55	105.57	105.13	-72.28	-327.56	-2,263.37	993.84	792.69	201.15	4.941		
10,700.00	7,250.22	10,364.81	6,947.81	108.27	107.83	-72.29	-327.94	-2,363.37	994.25	787.92	206.33	4.819		
10,800.00	7,250.39	10,464.81	6,948.08	110.96	110.54	-72.31	-328.31	-2,463.37	994.65	783.13	211.53	4.702		
10,900.00	7,250.57	10,564.81	6,948.34	113.67	113.26	-72.32	-328.69	-2,563.37	995.06	778.32	216.74	4.591		
11,000.00	7,250.75	10,664.81	6,948.61	116.39	115.98	-72.33	-329.06	-2,663.37	995.46	773.50	221.97	4.485		
11,100.00	7,250.93	10,764.81	6,948.88	119.11	118.71	-72.34	-329.44	-2,763.36	995.87	768.66	227.20	4.383		
11,200.00	7,251.10	10,864.80	6,949.14	121.83	121.44	-72.36	-329.81	-2,863.36	996.27	763.82	232.45	4.286		
11,300.00	7,251.28	10,964.80	6,949.41	124.57	124.19	-72.37	-330.19	-2,963.36	996.68	758.96	237.72	4.193		
11,400.00	7,251.46	11,064.80	6,949.67	127.31	126.93	-72.38	-330.57	-3,063.36	997.08	754.09	242.99	4.103		
11,500.00	7,251.63	11,164.80	6,949.94	130.05	129.68	-72.40	-330.94	-3,163.36	997.48	749.21	248.27	4.018		
11,600.00	7,251.81	11,264.80	6,950.21	132.80	132.44	-72.41	-331.32	-3,263.35	997.89	744.32	253.57	3.935		
11,700.00	7,251.99	11,364.80	6,950.47	135.55	135.20	-72.42	-331.69	-3,363.35	998.29	739.43	258.87	3.856		
11,800.00	7,252.17	11,464.80	6,950.74	138.31	137.96	-72.43	-332.07	-3,463.35	998.70	734.52	264.18	3.780		
11,900.00	7,252.34	11,564.80	6,951.00	141.07	140.73	-72.45	-332.44	-3,563.35	999.10	729.61	269.50	3.707		
12,000.00	7,252.52	11,664.80	6,951.27	143.84	143.50	-72.46	-332.82	-3,663.34	999.51	724.69	274.82	3.637		
12,100.00	7,252.70	11,764.80	6,951.54	146.61	146.28	-72.47	-333.19	-3,763.34	999.91	719.76	280.15	3.569		
12,200.00	7,252.87	11,864.79	6,951.80	149.38	149.06	-72.48	-333.57	-3,863.34	1,000.32	714.83	285.49	3.504		
12,300.00	7,253.05	11,964.79	6,952.07	152.16	151.84	-72.50	-333.94	-3,963.34	1,000.72	709.88	290.84	3.441		
12,400.00	7,253.23	12,064.79	6,952.33	154.94	154.62	-72.51	-334.32	-4,063.34	1,001.13	704.94	296.19	3.380		
12,500.00	7,253.41	12,164.79	6,952.60	157.72	157.41	-72.52	-334.69	-4,163.33	1,001.53	699.98	301.55	3.321		
12,600.00	7,253.58	12,264.79	6,952.87	160.51	160.20	-72.53	-335.07	-4,263.33	1,001.94	695.03	306.91	3.265		
12,700.00	7,253.76	12,364.79	6,953.13	163.29	162.99	-72.55	-335.44	-4,363.33	1,002.34	690.06	312.28	3.210		
12,800.00	7,253.94	12,464.79	6,953.40	166.08	165.78	-72.56	-335.82	-4,463.33	1,002.75	685.09	317.66	3.157		
12,900.00	7,254.11	12,564.79	6,953.66	168.88	168.58	-72.57	-336.20	-4,563.33	1,003.16	680.12	323.04	3.105		
13,000.00	7,254.29	12,664.79	6,953.93	171.67	171.38	-72.58	-336.57	-4,663.32	1,003.56	675.14	328.42	3.056		
13,100.00	7,254.47	12,764.78	6,954.20	174.47	174.18	-72.60	-336.95	-4,763.32	1,003.97	670.16	333.81	3.008		
13,200.00	7,254.65	12,864.78	6,954.46	177.27	176.98	-72.61	-337.32	-4,863.32	1,004.37	665.17	339.20	2.961		
13,300.00	7,254.82	12,964.78	6,954.73	180.07	179.78	-72.62	-337.70	-4,963.32	1,004.78	660.18	344.60	2.916		
13,400.00	7,255.00	13,064.78	6,954.99	182.87	182.59	-72.64	-338.07	-5,063.31	1,005.18	655.18	350.00	2.872		
13,500.00	7,255.18	13,164.78	6,955.26	185.67	185.39	-72.65	-338.45	-5,163.31	1,005.59	650.19	355.40	2.829		
13,600.00	7,255.35	13,264.78	6,955.53	188.48	188.20	-72.66	-338.82	-5,263.31	1,005.99	645.18	360.81	2.788		
13,700.00	7,255.53	13,364.78	6,955.79	191.29	191.01	-72.67	-339.20	-5,363.31	1,006.40	640.18	366.22	2.748		
13,800.00	7,255.71	13,464.78	6,956.06	194.10	193.82	-72.69	-339.57	-5,463.31	1,006.81	635.17	371.64	2.709		
13,900.00	7,255.89	13,564.78	6,956.33	196.91	196.64	-72.70	-339.95	-5,563.30	1,007.21	630.16	377.06	2.671		
14,000.00	7,256.06	13,664.78	6,956.59	199.72	199.45	-72.71	-340.32	-5,663.30	1,007.62	625.14	382.48	2.634		
14,100.00	7,256.24	13,764.77	6,956.86	202.53	202.27	-72.72	-340.70	-5,763.30	1,008.02	620.12	387.90	2.599		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	13,864.77	6,957.12	205.35	205.08	-72.74	-341.07	-5,863.30	1,008.43	615.10	393.33	2.564		
14,300.00	7,256.59	13,964.77	6,957.39	208.16	207.90	-72.75	-341.45	-5,963.30	1,008.84	610.08	398.76	2.530		
14,400.00	7,256.77	14,064.77	6,957.66	210.98	210.72	-72.76	-341.82	-6,063.29	1,009.24	605.05	404.19	2.497		
14,500.00	7,256.95	14,164.77	6,957.92	213.80	213.54	-72.77	-342.20	-6,163.29	1,009.65	600.02	409.63	2.465		
14,600.00	7,257.13	14,264.77	6,958.19	216.62	216.36	-72.78	-342.58	-6,263.29	1,010.05	594.99	415.07	2.433		
14,700.00	7,257.30	14,364.77	6,958.45	219.44	219.18	-72.80	-342.95	-6,363.29	1,010.46	589.95	420.51	2.403		
14,800.00	7,257.48	14,464.77	6,958.72	222.26	222.01	-72.81	-343.33	-6,463.29	1,010.87	584.91	425.95	2.373		
14,900.00	7,257.66	14,564.77	6,958.99	225.08	224.83	-72.82	-343.70	-6,563.28	1,011.27	579.88	431.40	2.344		
15,000.00	7,257.83	14,664.76	6,959.25	227.91	227.65	-72.83	-344.08	-6,663.28	1,011.68	574.83	436.85	2.316		
15,100.00	7,258.01	14,764.76	6,959.52	230.73	230.48	-72.85	-344.45	-6,763.28	1,012.09	569.79	442.30	2.288		
15,200.00	7,258.19	14,864.76	6,959.78	233.56	233.31	-72.86	-344.83	-6,863.28	1,012.49	564.74	447.75	2.261		
15,300.00	7,258.37	14,964.76	6,960.05	236.38	236.13	-72.87	-345.20	-6,963.27	1,012.90	559.70	453.20	2.235		
15,400.00	7,258.54	15,064.76	6,960.32	239.21	238.96	-72.88	-345.58	-7,063.27	1,013.30	554.65	458.66	2.209		
15,500.00	7,258.72	15,164.76	6,960.58	242.04	241.79	-72.90	-345.95	-7,163.27	1,013.71	549.59	464.12	2.184		
15,600.00	7,258.90	15,264.76	6,960.85	244.87	244.62	-72.91	-346.33	-7,263.27	1,014.12	544.54	469.58	2.160		
15,700.00	7,259.08	15,364.76	6,961.11	247.70	247.45	-72.92	-346.70	-7,363.27	1,014.52	539.48	475.04	2.136		
15,800.00	7,259.25	15,464.76	6,961.38	250.53	250.28	-72.93	-347.08	-7,463.26	1,014.93	534.43	480.51	2.112		
15,900.00	7,259.43	15,564.75	6,961.65	253.36	253.11	-72.95	-347.45	-7,563.26	1,015.34	529.37	485.97	2.089		
16,000.00	7,259.61	15,664.75	6,961.91	256.19	255.94	-72.96	-347.83	-7,663.26	1,015.75	524.30	491.44	2.067		
16,100.00	7,259.78	15,764.75	6,962.18	259.02	258.78	-72.97	-348.21	-7,763.26	1,016.15	519.24	496.91	2.045		
16,200.00	7,259.96	15,864.75	6,962.44	261.85	261.61	-72.98	-348.58	-7,863.26	1,016.56	514.18	502.38	2.023		
16,300.00	7,260.14	15,964.75	6,962.71	264.68	264.44	-72.99	-348.96	-7,963.25	1,016.97	509.11	507.85	2.002		
16,400.00	7,260.32	16,064.75	6,962.98	267.52	267.28	-73.01	-349.33	-8,063.25	1,017.37	504.04	513.33	1.982		
16,500.00	7,260.49	16,164.75	6,963.24	270.35	270.11	-73.02	-349.71	-8,163.25	1,017.78	498.97	518.81	1.962		
16,600.00	7,260.67	16,264.75	6,963.51	273.19	272.95	-73.03	-350.08	-8,263.25	1,018.19	493.90	524.28	1.942		
16,700.00	7,260.85	16,364.75	6,963.77	276.02	275.78	-73.04	-350.46	-8,363.24	1,018.59	488.83	529.76	1.923		
16,800.00	7,261.02	16,464.75	6,964.04	278.86	278.62	-73.06	-350.83	-8,463.24	1,019.00	483.76	535.24	1.904		
16,900.00	7,261.20	16,564.74	6,964.31	281.69	281.46	-73.07	-351.21	-8,563.24	1,019.41	478.68	540.73	1.885		
17,000.00	7,261.38	16,664.74	6,964.57	284.53	284.29	-73.08	-351.58	-8,663.24	1,019.82	473.60	546.21	1.867		
17,100.00	7,261.56	16,764.74	6,964.84	287.37	287.13	-73.09	-351.96	-8,763.24	1,020.22	468.53	551.70	1.849		
17,200.00	7,261.73	16,864.74	6,965.11	290.21	289.97	-73.10	-352.33	-8,863.23	1,020.63	463.45	557.18	1.832		
17,300.00	7,261.91	16,964.74	6,965.37	293.04	292.81	-73.12	-352.71	-8,963.23	1,021.04	458.37	562.67	1.815		
17,400.00	7,262.09	17,064.74	6,965.64	295.88	295.64	-73.13	-353.08	-9,063.23	1,021.45	453.28	568.16	1.798		
17,500.00	7,262.26	17,164.74	6,965.90	298.72	298.48	-73.14	-353.46	-9,163.23	1,021.85	448.20	573.65	1.781		
17,600.00	7,262.44	17,264.74	6,966.17	301.56	301.32	-73.15	-353.83	-9,263.23	1,022.26	443.12	579.14	1.765		
17,700.00	7,262.62	17,364.74	6,966.44	304.40	304.16	-73.17	-354.21	-9,363.22	1,022.67	438.03	584.64	1.749		
17,800.00	7,262.80	17,464.73	6,966.70	307.24	307.00	-73.18	-354.59	-9,463.22	1,023.08	432.94	590.13	1.734		
17,900.00	7,262.97	17,564.73	6,966.97	310.08	309.84	-73.19	-354.96	-9,563.22	1,023.48	427.85	595.63	1.718		
18,000.00	7,263.15	17,664.73	6,967.23	312.92	312.68	-73.20	-355.34	-9,663.22	1,023.89	422.77	601.13	1.703		
18,100.00	7,263.33	17,764.73	6,967.50	315.76	315.53	-73.21	-355.71	-9,763.22	1,024.30	417.67	606.62	1.689		
18,200.00	7,263.50	17,864.73	6,967.77	318.61	318.37	-73.23	-356.09	-9,863.21	1,024.71	412.58	612.12	1.674		
18,300.00	7,263.68	17,964.73	6,968.03	321.45	321.21	-73.24	-356.46	-9,963.21	1,025.11	407.49	617.62	1.660		
18,400.00	7,263.86	18,064.73	6,968.30	324.29	324.05	-73.25	-356.84	-10,063.21	1,025.52	402.40	623.13	1.646		
18,500.00	7,264.04	18,164.73	6,968.56	327.13	326.89	-73.26	-357.21	-10,163.21	1,025.93	397.30	628.63	1.632		
18,600.00	7,264.21	18,264.73	6,968.83	329.97	329.74	-73.27	-357.59	-10,263.20	1,026.34	392.20	634.13	1.618		
18,700.00	7,264.39	18,364.73	6,969.10	332.82	332.58	-73.29	-357.96	-10,363.20	1,026.75	387.11	639.64	1.605		
18,800.00	7,264.57	18,464.72	6,969.36	335.66	335.42	-73.30	-358.34	-10,463.20	1,027.15	382.01	645.15	1.592		
18,900.00	7,264.74	18,564.72	6,969.63	338.51	338.27	-73.31	-358.71	-10,563.20	1,027.56	376.91	650.65	1.579		
19,000.00	7,264.92	18,664.72	6,969.89	341.35	341.11	-73.32	-359.09	-10,663.20	1,027.97	371.81	656.16	1.567		
19,044.52	7,265.00	18,709.24	6,970.01	342.62	342.38	-73.33	-359.26	-10,707.72	1,028.15	369.54	658.61	1.561 SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
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	299.98	299.98	299.98	3.44	3.44	116.45	-60.11	-0.56	60.87	53.98	6.89	8.837		
400.00	399.84	399.83	399.81	3.60	3.60	119.07	-60.28	1.17	63.38	56.18	7.20	8.802		
500.00	499.45	499.71	499.55	3.81	3.80	121.02	-60.78	6.37	67.74	60.13	7.60	8.911		
600.00	598.70	599.59	599.05	4.06	4.04	122.28	-61.61	15.02	73.88	65.79	8.09	9.136		
700.00	697.47	699.42	698.12	4.34	4.31	122.91	-62.78	27.11	81.75	73.10	8.65	9.453		
800.00	795.62	799.14	796.62	4.66	4.62	123.03	-64.27	42.62	91.32	82.04	9.28	9.841		
824.00	819.08	823.05	820.15	4.75	4.70	122.99	-64.68	46.84	93.87	84.42	9.44	9.940		
900.00	893.28	898.76	894.41	5.02	4.96	122.43	-66.10	61.50	102.02	92.05	9.98	10.228		
1,000.00	990.92	998.23	991.35	5.40	5.34	120.29	-68.23	83.67	112.68	101.96	10.72	10.507		
1,100.00	1,088.56	1,102.47	1,087.86	5.80	5.76	117.98	-70.48	106.94	123.49	111.95	11.54	10.699		
1,200.00	1,186.19	1,203.17	1,184.37	6.21	6.19	116.04	-72.72	130.21	134.47	122.09	12.38	10.860		
1,300.00	1,283.83	1,303.87	1,280.88	6.64	6.63	114.39	-74.97	153.49	145.57	132.32	13.25	10.986		
1,400.00	1,381.47	1,404.57	1,377.39	7.08	7.09	112.98	-77.21	176.76	156.78	142.64	14.14	11.086		
1,500.00	1,479.10	1,505.27	1,473.89	7.53	7.56	111.75	-79.46	200.03	168.07	153.02	15.05	11.166		
1,600.00	1,576.74	1,605.97	1,570.40	7.99	8.04	110.69	-81.70	223.30	179.43	163.45	15.98	11.229		
1,700.00	1,674.38	1,706.67	1,666.91	8.45	8.53	109.74	-83.95	246.57	190.84	173.92	16.92	11.280		
1,800.00	1,772.02	1,807.37	1,763.42	8.92	9.02	108.91	-86.19	269.84	202.29	184.43	17.87	11.322		
1,900.00	1,869.65	1,908.06	1,859.93	9.39	9.52	108.16	-88.44	293.12	213.79	194.96	18.83	11.356		
2,000.00	1,967.29	2,008.76	1,956.44	9.87	10.03	107.49	-90.68	316.39	225.31	205.52	19.79	11.383		
2,100.00	2,064.93	2,109.46	2,052.95	10.35	10.53	106.89	-92.93	339.66	236.87	216.10	20.77	11.406		
2,200.00	2,162.56	2,189.84	2,149.46	10.83	10.94	106.34	-95.17	362.93	248.44	226.80	21.64	11.478		
2,300.00	2,260.20	2,289.14	2,245.97	11.32	11.45	105.84	-97.41	386.20	260.04	237.42	22.62	11.495		
2,400.00	2,357.84	2,388.44	2,342.48	11.80	11.95	105.38	-99.66	409.47	271.65	248.05	23.60	11.509		
2,500.00	2,455.48	2,487.74	2,438.99	12.29	12.46	104.97	-101.90	432.75	283.28	258.70	24.59	11.521		
2,600.00	2,553.11	2,587.04	2,535.50	12.78	12.98	104.58	-104.15	456.02	294.93	269.35	25.58	11.531		
2,700.00	2,650.75	2,686.34	2,632.01	13.27	13.49	104.22	-106.39	479.29	306.59	280.02	26.57	11.540		
2,800.00	2,748.39	2,785.64	2,728.52	13.77	14.01	103.89	-108.64	502.56	318.25	290.69	27.56	11.547		
2,900.00	2,846.02	2,884.94	2,825.03	14.26	14.52	103.58	-110.88	525.83	329.93	301.37	28.56	11.553		
3,000.00	2,943.66	2,984.25	2,921.54	14.76	15.04	103.30	-113.13	549.10	341.62	312.06	29.56	11.558		
3,100.00	3,041.30	3,083.55	3,018.04	15.25	15.56	103.03	-115.37	572.37	353.31	322.75	30.56	11.562		
3,200.00	3,138.94	3,182.85	3,114.55	15.75	16.08	102.78	-117.62	595.65	365.01	333.45	31.56	11.565		
3,300.00	3,236.57	3,282.15	3,211.06	16.25	16.60	102.55	-119.86	618.92	376.72	344.15	32.56	11.568		
3,400.00	3,334.21	3,381.45	3,307.57	16.75	17.12	102.33	-122.11	642.19	388.43	354.86	33.57	11.571		
3,500.00	3,431.85	3,480.75	3,404.08	17.25	17.64	102.12	-124.35	665.46	400.15	365.57	34.58	11.573		
3,600.00	3,529.48	3,580.05	3,500.59	17.75	18.17	101.92	-126.59	688.73	411.87	376.29	35.59	11.574		
3,700.00	3,627.12	3,679.35	3,597.10	18.25	18.69	101.74	-128.84	712.00	423.60	387.01	36.59	11.575		
3,800.00	3,724.76	3,778.65	3,693.61	18.75	19.22	101.56	-131.08	735.28	435.33	397.73	37.60	11.576		
3,900.00	3,822.40	3,877.95	3,790.12	19.25	19.74	101.40	-133.33	758.55	447.07	408.45	38.62	11.577		
4,000.00	3,920.03	3,977.25	3,886.63	19.75	20.27	101.24	-135.57	781.82	458.81	419.18	39.63	11.578		
4,100.00	4,017.67	4,076.56	3,983.14	20.25	20.79	101.09	-137.82	805.09	470.55	429.91	40.64	11.578		
4,200.00	4,115.31	4,175.86	4,079.65	20.76	21.32	100.95	-140.06	828.36	482.29	440.64	41.65	11.578		
4,300.00	4,212.94	4,275.16	4,176.16	21.26	21.85	100.81	-142.31	851.63	494.04	451.37	42.67	11.578		
4,400.00	4,310.58	4,374.46	4,272.67	21.76	22.37	100.68	-144.55	874.91	505.79	462.11	43.68	11.578		
4,500.00	4,408.22	4,473.76	4,369.18	22.27	22.90	100.56	-146.80	898.18	517.55	472.85	44.70	11.578		
4,600.00	4,505.86	4,573.06	4,465.69	22.77	23.43	100.44	-149.04	921.45	529.30	483.59	45.72	11.578		
4,700.00	4,603.49	4,672.36	4,562.19	23.28	23.96	100.33	-151.29	944.72	541.06	494.33	46.73	11.578		
4,800.00	4,701.13	4,771.66	4,658.70	23.78	24.49	100.22	-153.53	967.99	552.82	505.07	47.75	11.577		
4,900.00	4,798.77	4,870.96	4,755.21	24.28	25.01	100.12	-155.77	991.26	564.58	515.81	48.77	11.577		
5,000.00	4,896.40	4,970.26	4,851.72	24.79	25.54	100.02	-158.02	1,014.54	576.34	526.56	49.79	11.577		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	5,069.56	4,948.23	25.30	26.07	99.92	-160.26	1,037.81	588.11	537.31	50.80	11.576		
5,200.00	5,091.68	5,168.87	5,044.74	25.80	26.60	99.83	-162.51	1,061.08	599.88	548.05	51.82	11.576		
5,300.00	5,189.32	5,268.17	5,141.25	26.31	27.13	99.74	-164.75	1,084.35	611.64	558.80	52.84	11.575		
5,400.00	5,286.95	5,367.47	5,237.76	26.81	27.66	99.66	-167.00	1,107.62	623.41	569.55	53.86	11.574		
5,500.00	5,384.59	5,467.49	5,334.98	27.32	28.19	99.58	-169.26	1,131.05	635.18	580.29	54.89	11.572		
5,600.00	5,482.23	5,574.95	5,439.94	27.82	28.75	99.69	-171.46	1,153.92	646.21	590.23	55.97	11.545		
5,700.00	5,579.87	5,682.46	5,545.75	28.33	29.27	100.14	-173.29	1,172.87	656.01	598.97	57.04	11.502		
5,800.00	5,677.50	5,789.73	5,651.95	28.84	29.76	100.90	-174.73	1,187.82	664.66	606.59	58.07	11.446		
5,900.00	5,775.14	5,896.46	5,758.11	29.34	30.22	101.95	-175.79	1,198.76	672.28	613.20	59.07	11.380		
6,000.00	5,872.78	6,002.35	5,863.77	29.85	30.64	103.29	-176.46	1,205.72	679.06	619.01	60.05	11.308		
6,100.00	5,970.41	6,107.14	5,968.50	30.36	31.04	104.89	-176.75	1,208.77	685.24	624.24	61.00	11.234		
6,200.00	6,068.05	6,206.69	6,068.05	30.86	31.40	106.61	-176.77	1,208.94	691.28	629.38	61.90	11.168		
6,300.00	6,165.69	6,304.33	6,165.69	31.37	31.75	108.27	-176.77	1,208.94	697.90	635.12	62.78	11.117		
6,400.00	6,263.33	6,401.96	6,263.33	31.88	32.10	109.90	-176.77	1,208.94	705.12	641.46	63.65	11.077		
6,500.00	6,360.96	6,500.40	6,360.96	32.38	32.46	111.50	-176.77	1,208.94	712.92	648.40	64.52	11.049		
6,600.00	6,458.60	6,597.60	6,458.95	32.89	32.81	113.15	-176.78	1,207.95	721.28	655.90	65.38	11.033		
6,628.42	6,486.35	6,624.94	6,486.20	33.04	32.90	113.75	-176.79	1,205.84	723.76	658.15	65.61	11.031		
6,650.00	6,507.49	6,645.34	6,506.47	33.14	32.97	118.71	-176.80	1,203.50	725.72	659.94	65.78	11.032		
6,700.00	6,556.88	6,691.91	6,552.37	33.37	33.14	137.92	-176.84	1,195.74	730.51	664.35	66.15	11.042		
6,750.00	6,606.60	6,737.57	6,596.71	33.58	33.31	177.99	-176.90	1,184.89	735.61	669.12	66.49	11.063		
6,800.00	6,656.35	6,782.39	6,639.38	33.76	33.49	-138.27	-176.97	1,171.18	740.98	674.17	66.81	11.091		
6,850.00	6,705.83	6,826.45	6,680.27	33.94	33.67	-116.34	-177.05	1,154.81	746.55	679.44	67.11	11.124		
6,900.00	6,754.72	6,869.82	6,719.33	34.12	33.87	-105.51	-177.15	1,135.97	752.25	684.85	67.40	11.161		
6,950.00	6,802.72	6,912.56	6,756.48	34.31	34.08	-99.06	-177.26	1,114.85	758.04	690.35	67.69	11.199		
7,000.00	6,849.54	6,954.74	6,791.66	34.50	34.30	-94.66	-177.39	1,091.61	763.85	695.86	67.98	11.236		
7,050.00	6,894.89	6,996.40	6,824.83	34.71	34.53	-91.37	-177.52	1,066.41	769.60	701.32	68.28	11.271		
7,100.00	6,938.49	7,037.61	6,855.95	34.93	34.79	-88.76	-177.66	1,039.41	775.26	706.66	68.60	11.301		
7,150.00	6,980.07	7,078.40	6,884.97	35.17	35.06	-86.61	-177.81	1,010.75	780.75	711.81	68.94	11.325		
7,200.00	7,019.38	7,118.83	6,911.87	35.43	35.36	-84.81	-177.97	980.58	786.03	716.72	69.31	11.341		
7,250.00	7,056.17	7,158.93	6,936.60	35.71	35.67	-83.27	-178.13	949.01	791.04	721.32	69.72	11.346		
7,300.00	7,090.21	7,198.75	6,959.14	36.03	36.01	-81.95	-178.30	916.20	795.74	725.56	70.18	11.339		
7,350.00	7,121.30	7,238.32	6,979.46	36.37	36.37	-80.82	-178.48	882.26	800.08	729.37	70.71	11.315		
7,400.00	7,149.25	7,277.68	6,997.55	36.75	36.75	-79.85	-178.67	847.31	804.02	732.72	71.30	11.276		
7,450.00	7,173.87	7,316.86	7,013.38	37.17	37.16	-79.04	-178.85	811.47	807.53	735.56	71.97	11.220		
7,500.00	7,195.03	7,355.89	7,026.92	37.62	37.58	-78.37	-179.05	774.88	810.58	737.86	72.72	11.147		
7,550.00	7,212.58	7,394.80	7,038.16	38.11	38.03	-77.83	-179.24	737.63	813.14	739.59	73.55	11.056		
7,600.00	7,226.43	7,433.62	7,047.10	38.64	38.50	-77.42	-179.44	699.86	815.20	740.73	74.47	10.947		
7,650.00	7,236.48	7,472.39	7,053.70	39.20	38.98	-77.13	-179.64	661.67	816.73	741.26	75.46	10.823		
7,700.00	7,242.68	7,511.12	7,057.97	39.79	39.48	-76.97	-179.84	623.18	817.72	741.19	76.53	10.685		
7,753.32	7,245.00	7,552.41	7,059.93	40.44	40.02	-76.93	-180.06	581.93	818.18	740.45	77.73	10.526		
7,800.00	7,245.08	7,603.27	7,060.08	41.04	40.71	-76.94	-180.29	537.62	818.43	739.42	79.01	10.358		
7,900.00	7,245.26	7,703.27	7,060.31	42.43	42.19	-76.95	-180.81	437.63	819.01	737.17	81.84	10.007		
8,000.00	7,245.43	7,803.28	7,060.54	43.97	43.81	-76.96	-181.34	337.63	819.58	734.64	84.94	9.648		
8,100.00	7,245.61	7,903.28	7,060.77	45.64	45.54	-76.98	-181.86	237.63	820.16	731.86	88.29	9.289		
8,200.00	7,245.79	8,003.28	7,061.00	47.42	47.39	-76.99	-182.38	137.64	820.73	728.87	91.86	8.935		
8,300.00	7,245.97	8,103.28	7,061.23	49.30	49.33	-77.00	-182.91	37.64	821.30	725.68	95.62	8.589		
8,400.00	7,246.14	8,203.28	7,061.46	51.28	51.36	-77.02	-183.43	-62.36	821.88	722.32	99.55	8.256		
8,500.00	7,246.32	8,303.29	7,061.70	53.34	53.47	-77.03	-183.96	-162.35	822.45	718.81	103.64	7.936		
8,600.00	7,246.50	8,403.29	7,061.93	55.46	55.64	-77.04	-184.48	-262.35	823.03	715.17	107.86	7.630		
8,700.00	7,246.67	8,503.29	7,062.16	57.66	57.87	-77.05	-185.00	-362.35	823.60	711.40	112.20	7.340		
8,800.00	7,246.85	8,603.29	7,062.39	59.90	60.16	-77.07	-185.53	-462.34	824.18	707.53	116.65	7.065		
8,900.00	7,247.03	8,703.29	7,062.62	62.20	62.49	-77.08	-186.05	-562.34	824.75	703.56	121.19	6.805		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	8,803.30	7,062.85	64.55	64.87	-77.09	-186.58	-662.34	825.32	699.50	125.82	6.560		
9,100.00	7,247.38	8,903.30	7,063.08	66.93	67.28	-77.11	-187.10	-762.33	825.90	695.37	130.52	6.328		
9,200.00	7,247.56	9,003.30	7,063.31	69.35	69.73	-77.12	-187.62	-862.33	826.47	691.18	135.30	6.109		
9,300.00	7,247.74	9,103.30	7,063.54	71.80	72.21	-77.13	-188.15	-962.32	827.05	686.92	140.13	5.902		
9,400.00	7,247.91	9,203.30	7,063.77	74.29	74.71	-77.14	-188.67	-1,062.32	827.62	682.60	145.02	5.707		
9,500.00	7,248.09	9,303.30	7,064.00	76.79	77.24	-77.16	-189.20	-1,162.32	828.20	678.24	149.96	5.523		
9,600.00	7,248.27	9,403.31	7,064.23	79.33	79.79	-77.17	-189.72	-1,262.31	828.77	673.83	154.94	5.349		
9,700.00	7,248.45	9,496.69	7,064.46	81.88	82.19	-77.18	-190.24	-1,362.31	829.35	669.55	159.80	5.190		
9,800.00	7,248.62	9,603.31	7,064.69	84.45	84.95	-77.20	-190.77	-1,462.31	829.92	664.89	165.03	5.029		
9,900.00	7,248.80	9,703.31	7,064.92	87.04	87.56	-77.21	-191.29	-1,562.30	830.49	660.37	170.12	4.882		
10,000.00	7,248.98	9,803.31	7,065.15	89.65	90.18	-77.22	-191.82	-1,662.30	831.07	655.82	175.25	4.742		
10,100.00	7,249.15	9,903.32	7,065.38	92.28	92.82	-77.23	-192.34	-1,762.30	831.64	651.24	180.40	4.610		
10,200.00	7,249.33	10,003.32	7,065.61	94.91	95.46	-77.25	-192.86	-1,862.29	832.22	646.64	185.58	4.484		
10,300.00	7,249.51	10,103.32	7,065.85	97.56	98.13	-77.26	-193.39	-1,962.29	832.79	642.01	190.79	4.365		
10,400.00	7,249.69	10,203.32	7,066.08	100.22	100.80	-77.27	-193.91	-2,062.29	833.37	637.35	196.02	4.252		
10,500.00	7,249.86	10,303.32	7,066.31	102.89	103.48	-77.29	-194.44	-2,162.28	833.94	632.68	201.26	4.144		
10,600.00	7,250.04	10,403.32	7,066.54	105.57	106.17	-77.30	-194.96	-2,262.28	834.52	627.99	206.53	4.041		
10,700.00	7,250.22	10,503.33	7,066.77	108.27	108.87	-77.31	-195.48	-2,362.28	835.09	623.28	211.81	3.943		
10,800.00	7,250.39	10,603.33	7,067.00	110.96	111.57	-77.32	-196.01	-2,462.27	835.67	618.56	217.11	3.849		
10,900.00	7,250.57	10,703.33	7,067.23	113.67	114.29	-77.34	-196.53	-2,562.27	836.24	613.81	222.43	3.760		
11,000.00	7,250.75	10,803.33	7,067.46	116.39	117.01	-77.35	-197.06	-2,662.27	836.82	609.06	227.76	3.674		
11,100.00	7,250.93	10,903.33	7,067.69	119.11	119.74	-77.36	-197.58	-2,762.26	837.39	604.29	233.10	3.592		
11,200.00	7,251.10	11,003.34	7,067.92	121.83	122.47	-77.37	-198.10	-2,862.26	837.97	599.51	238.46	3.514		
11,300.00	7,251.28	11,103.34	7,068.15	124.57	125.21	-77.39	-198.63	-2,962.26	838.54	594.72	243.82	3.439		
11,400.00	7,251.46	11,203.34	7,068.38	127.31	127.95	-77.40	-199.15	-3,062.25	839.12	589.92	249.20	3.367		
11,500.00	7,251.63	11,303.34	7,068.61	130.05	130.70	-77.41	-199.68	-3,162.25	839.70	585.11	254.59	3.298		
11,600.00	7,251.81	11,403.34	7,068.84	132.80	133.46	-77.42	-200.20	-3,262.25	840.27	580.28	259.99	3.232		
11,700.00	7,251.99	11,503.34	7,069.07	135.55	136.22	-77.44	-200.72	-3,362.24	840.85	575.45	265.39	3.168		
11,800.00	7,252.17	11,603.35	7,069.30	138.31	138.98	-77.45	-201.25	-3,462.24	841.42	570.61	270.81	3.107		
11,900.00	7,252.34	11,703.35	7,069.53	141.07	141.74	-77.46	-201.77	-3,562.23	842.00	565.77	276.23	3.048		
12,000.00	7,252.52	11,803.35	7,069.76	143.84	144.51	-77.47	-202.30	-3,662.23	842.57	560.91	281.66	2.991		
12,100.00	7,252.70	11,903.35	7,069.99	146.61	147.29	-77.49	-202.82	-3,762.23	843.15	556.05	287.10	2.937		
12,200.00	7,252.87	12,003.35	7,070.23	149.38	150.06	-77.50	-203.34	-3,862.22	843.72	551.18	292.54	2.884		
12,300.00	7,253.05	12,103.36	7,070.46	152.16	152.84	-77.51	-203.87	-3,962.22	844.30	546.30	298.00	2.833		
12,400.00	7,253.23	12,203.36	7,070.69	154.94	155.63	-77.52	-204.39	-4,062.22	844.88	541.42	303.45	2.784		
12,500.00	7,253.41	12,303.36	7,070.92	157.72	158.41	-77.54	-204.92	-4,162.21	845.45	536.54	308.92	2.737		
12,600.00	7,253.58	12,403.36	7,071.15	160.51	161.20	-77.55	-205.44	-4,262.21	846.03	531.64	314.38	2.691		
12,700.00	7,253.76	12,503.36	7,071.38	163.29	163.99	-77.56	-205.96	-4,362.21	846.60	526.75	319.86	2.647		
12,800.00	7,253.94	12,603.36	7,071.61	166.08	166.78	-77.57	-206.49	-4,462.20	847.18	521.84	325.34	2.604		
12,900.00	7,254.11	12,703.37	7,071.84	168.88	169.57	-77.58	-207.01	-4,562.20	847.75	516.93	330.82	2.563		
13,000.00	7,254.29	12,803.37	7,072.07	171.67	172.37	-77.60	-207.54	-4,662.20	848.33	512.02	336.31	2.522		
13,100.00	7,254.47	12,903.37	7,072.30	174.47	175.17	-77.61	-208.06	-4,762.19	848.91	507.10	341.80	2.484		
13,200.00	7,254.65	13,003.37	7,072.53	177.27	177.97	-77.62	-208.58	-4,862.19	849.48	502.18	347.30	2.446		
13,300.00	7,254.82	13,103.37	7,072.76	180.07	180.77	-77.63	-209.11	-4,962.19	850.06	497.26	352.80	2.409		
13,400.00	7,255.00	13,203.38	7,072.99	182.87	183.58	-77.65	-209.63	-5,062.18	850.64	492.33	358.31	2.374		
13,500.00	7,255.18	13,303.38	7,073.22	185.67	186.38	-77.66	-210.16	-5,162.18	851.21	487.40	363.81	2.340		
13,600.00	7,255.35	13,403.38	7,073.45	188.48	189.19	-77.67	-210.68	-5,262.18	851.79	482.46	369.33	2.306		
13,700.00	7,255.53	13,503.38	7,073.68	191.29	192.00	-77.68	-211.20	-5,362.17	852.36	477.52	374.84	2.274		
13,800.00	7,255.71	13,603.38	7,073.91	194.10	194.81	-77.69	-211.73	-5,462.17	852.94	472.58	380.36	2.242		
13,900.00	7,255.89	13,703.38	7,074.14	196.91	197.62	-77.71	-212.25	-5,562.17	853.52	467.63	385.88	2.212		
14,000.00	7,256.06	13,803.39	7,074.38	199.72	200.43	-77.72	-212.78	-5,662.16	854.09	462.68	391.41	2.182		
14,100.00	7,256.24	13,903.39	7,074.61	202.53	203.25	-77.73	-213.30	-5,762.16	854.67	457.73	396.94	2.153		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	14,003.39	7,074.84	205.35	206.06	-77.74	-213.82	-5,862.16	855.25	452.78	402.47	2.125		
14,300.00	7,256.59	14,103.39	7,075.07	208.16	208.88	-77.75	-214.35	-5,962.15	855.82	447.82	408.00	2.098		
14,400.00	7,256.77	14,203.39	7,075.30	210.98	211.70	-77.77	-214.87	-6,062.15	856.40	442.86	413.54	2.071		
14,500.00	7,256.95	14,303.40	7,075.53	213.80	214.52	-77.78	-215.40	-6,162.14	856.97	437.90	419.08	2.045		
14,600.00	7,257.13	14,403.40	7,075.76	216.62	217.33	-77.79	-215.92	-6,262.14	857.55	432.93	424.62	2.020		
14,700.00	7,257.30	14,503.40	7,075.99	219.44	220.16	-77.80	-216.44	-6,362.14	858.13	427.97	430.16	1.995		
14,800.00	7,257.48	14,603.40	7,076.22	222.26	222.98	-77.81	-216.97	-6,462.13	858.70	423.00	435.71	1.971		
14,900.00	7,257.66	14,703.40	7,076.45	225.08	225.80	-77.83	-217.49	-6,562.13	859.28	418.03	441.26	1.947		
15,000.00	7,257.83	14,803.40	7,076.68	227.91	228.62	-77.84	-218.02	-6,662.13	859.86	413.05	446.81	1.924		
15,100.00	7,258.01	14,903.41	7,076.91	230.73	231.45	-77.85	-218.54	-6,762.12	860.43	408.08	452.36	1.902		
15,200.00	7,258.19	15,003.41	7,077.14	233.56	234.27	-77.86	-219.06	-6,862.12	861.01	403.10	457.91	1.880		
15,300.00	7,258.37	15,103.41	7,077.37	236.38	237.10	-77.87	-219.59	-6,962.12	861.59	398.12	463.47	1.859		
15,400.00	7,258.54	15,203.41	7,077.60	239.21	239.93	-77.89	-220.11	-7,062.11	862.17	393.14	469.03	1.838		
15,500.00	7,258.72	15,303.41	7,077.83	242.04	242.75	-77.90	-220.64	-7,162.11	862.74	388.15	474.59	1.818		
15,600.00	7,258.90	15,403.42	7,078.06	244.87	245.58	-77.91	-221.16	-7,262.11	863.32	383.17	480.15	1.798		
15,700.00	7,259.08	15,503.42	7,078.29	247.70	248.41	-77.92	-221.68	-7,362.10	863.90	378.18	485.71	1.779		
15,800.00	7,259.25	15,603.42	7,078.52	250.53	251.24	-77.93	-222.21	-7,462.10	864.47	373.19	491.28	1.760		
15,900.00	7,259.43	15,696.58	7,078.76	253.36	253.88	-77.94	-222.73	-7,562.10	865.05	368.39	496.66	1.742		
16,000.00	7,259.61	15,803.42	7,078.99	256.19	256.90	-77.96	-223.26	-7,662.09	865.63	363.21	502.42	1.723		
16,100.00	7,259.78	15,903.42	7,079.22	259.02	259.73	-77.97	-223.78	-7,762.09	866.20	358.22	507.99	1.705		
16,200.00	7,259.96	16,003.43	7,079.45	261.85	262.57	-77.98	-224.30	-7,862.09	866.78	353.22	513.56	1.688		
16,300.00	7,260.14	16,103.43	7,079.68	264.68	265.40	-77.99	-224.83	-7,962.08	867.36	348.23	519.13	1.671		
16,400.00	7,260.32	16,203.43	7,079.91	267.52	268.23	-78.00	-225.35	-8,062.08	867.94	343.23	524.71	1.654		
16,500.00	7,260.49	16,303.43	7,080.14	270.35	271.06	-78.02	-225.88	-8,162.08	868.51	338.23	530.29	1.638		
16,600.00	7,260.67	16,403.43	7,080.37	273.19	273.90	-78.03	-226.40	-8,262.07	869.09	333.23	535.86	1.622		
16,700.00	7,260.85	16,503.44	7,080.60	276.02	276.73	-78.04	-226.92	-8,362.07	869.67	328.23	541.44	1.606		
16,800.00	7,261.02	16,603.44	7,080.83	278.86	279.57	-78.05	-227.45	-8,462.07	870.25	323.22	547.02	1.591		
16,900.00	7,261.20	16,703.44	7,081.06	281.69	282.40	-78.06	-227.97	-8,562.06	870.82	318.22	552.61	1.576		
17,000.00	7,261.38	16,803.44	7,081.29	284.53	285.24	-78.07	-228.50	-8,662.06	871.40	313.21	558.19	1.561		
17,100.00	7,261.56	16,903.44	7,081.52	287.37	288.08	-78.09	-229.02	-8,762.05	871.98	308.20	563.77	1.547		
17,200.00	7,261.73	17,003.44	7,081.75	290.21	290.91	-78.10	-229.54	-8,862.05	872.55	303.20	569.36	1.533		
17,300.00	7,261.91	17,103.45	7,081.98	293.04	293.75	-78.11	-230.07	-8,962.05	873.13	298.19	574.95	1.519		
17,400.00	7,262.09	17,203.45	7,082.21	295.88	296.59	-78.12	-230.59	-9,062.04	873.71	293.18	580.53	1.505		
17,500.00	7,262.26	17,303.45	7,082.44	298.72	299.43	-78.13	-231.12	-9,162.04	874.29	288.16	586.12	1.492 Level 3		
17,600.00	7,262.44	17,403.45	7,082.67	301.56	302.27	-78.14	-231.64	-9,262.04	874.87	283.15	591.71	1.479 Level 3		
17,700.00	7,262.62	17,503.45	7,082.90	304.40	305.11	-78.15	-232.16	-9,362.03	875.44	278.14	597.31	1.466 Level 3		
17,800.00	7,262.80	17,603.46	7,083.14	307.24	307.94	-78.17	-232.69	-9,462.03	876.02	273.12	602.90	1.453 Level 3		
17,900.00	7,262.97	17,696.54	7,083.37	310.08	310.59	-78.18	-233.21	-9,562.03	876.60	268.30	608.30	1.441 Level 3		
18,000.00	7,263.15	17,803.46	7,083.60	312.92	313.62	-78.19	-233.74	-9,662.02	877.18	263.09	614.09	1.428 Level 3		
18,100.00	7,263.33	17,903.46	7,083.83	315.76	316.46	-78.20	-234.26	-9,762.02	877.75	258.07	619.68	1.416 Level 3		
18,200.00	7,263.50	18,003.46	7,084.06	318.61	319.31	-78.21	-234.78	-9,862.02	878.33	253.05	625.28	1.405 Level 3		
18,300.00	7,263.68	18,103.46	7,084.29	321.45	322.15	-78.22	-235.31	-9,962.01	878.91	248.03	630.88	1.393 Level 3		
18,400.00	7,263.86	18,203.47	7,084.52	324.29	324.99	-78.23	-235.83	-10,062.01	879.49	243.01	636.47	1.382 Level 3		
18,500.00	7,264.04	18,303.47	7,084.75	327.13	327.83	-78.25	-236.36	-10,162.01	880.07	237.99	642.07	1.371 Level 3		
18,600.00	7,264.21	18,403.47	7,084.98	329.97	330.67	-78.26	-236.88	-10,262.00	880.64	232.97	647.68	1.360 Level 3		
18,700.00	7,264.39	18,496.53	7,085.21	332.82	333.32	-78.27	-237.40	-10,362.00	881.22	228.14	653.08	1.349 Level 3		
18,800.00	7,264.57	18,603.47	7,085.44	335.66	336.36	-78.28	-237.93	-10,462.00	881.80	222.92	658.88	1.338 Level 3		
18,900.00	7,264.74	18,703.48	7,085.67	338.51	339.20	-78.29	-238.45	-10,561.99	882.38	217.90	664.48	1.328 Level 3		
19,000.00	7,264.92	18,796.52	7,085.90	341.35	341.84	-78.30	-238.98	-10,661.99	882.96	213.06	669.89	1.318 Level 3		
19,044.52	7,265.00	18,841.04	7,086.00	342.62	343.11	-78.31	-239.21	-10,706.51	883.21	210.83	672.39	1.314 Level 3, SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-179.54	-104.91	-0.83	104.92					
100.00	100.00	100.00	100.00	3.28	3.28	-179.54	-104.91	-0.83	104.92	98.35	6.57	15.970		
200.00	200.00	200.00	200.00	3.34	3.34	-179.54	-104.91	-0.83	104.92	98.24	6.67	15.720 CC, ES		
300.00	299.98	298.20	298.18	3.44	3.44	114.92	-105.75	0.62	106.50	99.61	6.89	15.467		
400.00	399.84	396.26	396.11	3.60	3.59	114.97	-108.27	4.99	111.23	104.03	7.20	15.453		
500.00	499.45	494.03	493.51	3.81	3.79	115.04	-112.45	12.22	119.11	111.50	7.61	15.661		
600.00	598.70	591.37	590.15	4.06	4.02	115.11	-118.26	22.28	130.11	122.02	8.10	16.071		
700.00	697.47	688.14	685.78	4.34	4.29	115.16	-125.66	35.09	144.21	135.55	8.66	16.655		
800.00	795.62	784.22	780.18	4.66	4.60	115.18	-134.59	50.58	161.36	152.08	9.29	17.376		
824.00	819.08	807.16	802.62	4.75	4.68	115.18	-136.96	54.68	165.93	156.49	9.45	17.564		
900.00	893.28	879.98	873.62	5.02	4.94	115.17	-145.05	68.70	181.10	171.13	9.97	18.166		
1,000.00	990.92	977.89	968.90	5.40	5.32	114.95	-156.33	88.22	201.44	190.73	10.70	18.824		
1,100.00	1,088.56	1,075.80	1,064.18	5.80	5.73	114.78	-167.60	107.74	221.77	210.30	11.47	19.327		
1,200.00	1,186.19	1,173.70	1,159.46	6.21	6.15	114.63	-178.87	127.26	242.11	229.83	12.28	19.713		
1,300.00	1,283.83	1,271.61	1,254.73	6.64	6.59	114.50	-190.14	146.78	262.46	249.34	13.12	20.010		
1,400.00	1,381.47	1,369.52	1,350.01	7.08	7.04	114.40	-201.41	166.30	282.80	268.83	13.97	20.239		
1,500.00	1,479.10	1,467.43	1,445.29	7.53	7.50	114.30	-212.68	185.82	303.14	288.29	14.85	20.416		
1,600.00	1,576.74	1,565.33	1,540.57	7.99	7.96	114.22	-223.95	205.34	323.49	307.75	15.74	20.553		
1,700.00	1,674.38	1,663.24	1,635.84	8.45	8.44	114.15	-235.22	224.86	343.83	327.19	16.64	20.660		
1,800.00	1,772.02	1,761.15	1,731.12	8.92	8.92	114.09	-246.49	244.38	364.18	346.62	17.56	20.743		
1,900.00	1,869.65	1,859.06	1,826.40	9.39	9.40	114.03	-257.76	263.90	384.52	366.04	18.48	20.807		
2,000.00	1,967.29	1,956.97	1,921.68	9.87	9.89	113.98	-269.03	283.42	404.87	385.46	19.41	20.856		
2,100.00	2,064.93	2,054.87	2,016.96	10.35	10.38	113.94	-280.30	302.94	425.21	404.86	20.35	20.894		
2,200.00	2,162.56	2,152.78	2,112.23	10.83	10.87	113.89	-291.57	322.46	445.56	424.27	21.30	20.922		
2,300.00	2,260.20	2,250.69	2,207.51	11.32	11.37	113.86	-302.84	341.98	465.91	443.66	22.25	20.943		
2,400.00	2,357.84	2,348.60	2,302.79	11.80	11.87	113.82	-314.11	361.50	486.25	463.05	23.20	20.959		
2,500.00	2,455.48	2,446.50	2,398.07	12.29	12.37	113.79	-325.38	381.02	506.60	482.44	24.16	20.969		
2,600.00	2,553.11	2,544.41	2,493.34	12.78	12.87	113.76	-336.65	400.54	526.95	501.83	25.12	20.976		
2,700.00	2,650.75	2,642.32	2,588.62	13.27	13.38	113.73	-347.92	420.06	547.30	521.21	26.09	20.980		
2,800.00	2,748.39	2,740.23	2,683.90	13.77	13.89	113.71	-359.19	439.58	567.64	540.59	27.06	20.981		
2,900.00	2,846.02	2,838.14	2,779.18	14.26	14.39	113.68	-370.46	459.10	587.99	559.97	28.03	20.980		
3,000.00	2,943.66	2,936.04	2,874.46	14.76	14.90	113.66	-381.73	478.62	608.34	579.34	29.00	20.978		
3,100.00	3,041.30	3,033.95	2,969.73	15.25	15.41	113.64	-393.00	498.15	628.69	598.71	29.97	20.974		
3,200.00	3,138.94	3,131.86	3,065.01	15.75	15.92	113.62	-404.27	517.67	649.03	618.08	30.95	20.970		
3,300.00	3,236.57	3,229.77	3,160.29	16.25	16.43	113.60	-415.54	537.19	669.38	637.45	31.93	20.964		
3,400.00	3,334.21	3,327.67	3,255.57	16.75	16.95	113.58	-426.81	556.71	689.73	656.82	32.91	20.958		
3,500.00	3,431.85	3,425.58	3,350.85	17.25	17.46	113.57	-438.08	576.23	710.08	676.19	33.89	20.951		
3,600.00	3,529.48	3,523.49	3,446.12	17.75	17.97	113.55	-449.35	595.75	730.43	695.55	34.87	20.944		
3,700.00	3,627.12	3,621.40	3,541.40	18.25	18.49	113.54	-460.62	615.27	750.77	714.91	35.86	20.937		
3,800.00	3,724.76	3,719.30	3,636.68	18.75	19.00	113.52	-471.89	634.79	771.12	734.28	36.84	20.929		
3,900.00	3,822.40	3,817.21	3,731.96	19.25	19.52	113.51	-483.16	654.31	791.47	753.64	37.83	20.922		
4,000.00	3,920.03	3,915.12	3,827.23	19.75	20.03	113.50	-494.43	673.83	811.82	773.00	38.82	20.914		
4,100.00	4,017.67	4,013.03	3,922.51	20.25	20.55	113.49	-505.70	693.35	832.17	792.36	39.81	20.906		
4,200.00	4,115.31	4,110.94	4,017.79	20.76	21.06	113.48	-516.97	712.87	852.51	811.72	40.79	20.898		
4,300.00	4,212.94	4,208.84	4,113.07	21.26	21.58	113.47	-528.24	732.39	872.86	831.08	41.78	20.890		
4,400.00	4,310.58	4,306.75	4,208.35	21.76	22.10	113.46	-539.51	751.91	893.21	850.44	42.77	20.882		
4,500.00	4,408.22	4,404.66	4,303.62	22.27	22.61	113.45	-550.78	771.43	913.56	869.79	43.77	20.874		
4,600.00	4,505.86	4,502.57	4,398.90	22.77	23.13	113.44	-562.05	790.95	933.91	889.15	44.76	20.866		
4,700.00	4,603.49	4,600.47	4,494.18	23.28	23.65	113.43	-573.32	810.47	954.26	908.51	45.75	20.858		
4,800.00	4,701.13	4,701.62	4,589.46	23.78	24.19	113.42	-584.59	829.99	974.60	927.85	46.76	20.843		
4,900.00	4,798.77	4,803.71	4,684.73	24.28	24.73	113.41	-595.86	849.51	994.95	947.18	47.77	20.826		
5,000.00	4,896.40	4,905.80	4,780.01	24.79	25.27	113.40	-607.13	869.03	1,015.30	966.51	48.79	20.810		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	5,007.89	4,875.29	25.30	25.81	113.40	-618.40	888.55	1,035.65	985.84	49.80	20.794		
5,200.00	5,091.68	5,109.99	4,970.57	25.80	26.35	113.39	-629.67	908.07	1,056.00	1,005.18	50.82	20.779		
5,300.00	5,189.32	5,187.92	5,065.85	26.31	26.76	113.38	-640.94	927.60	1,076.35	1,024.63	51.71	20.814		
5,400.00	5,286.95	5,285.83	5,161.12	26.81	27.28	113.37	-652.21	947.12	1,096.69	1,043.99	52.71	20.807		
5,500.00	5,384.59	5,383.74	5,256.40	27.32	27.80	113.37	-663.48	966.64	1,117.04	1,063.34	53.70	20.800		
5,600.00	5,482.23	5,481.64	5,351.68	27.82	28.32	113.36	-674.75	986.16	1,137.39	1,082.69	54.70	20.793		
5,700.00	5,579.87	5,579.55	5,446.96	28.33	28.84	113.36	-686.02	1,005.68	1,157.74	1,102.04	55.70	20.786		
5,800.00	5,677.50	5,677.46	5,542.23	28.84	29.36	113.35	-697.29	1,025.20	1,178.09	1,121.40	56.69	20.780		
5,900.00	5,775.14	5,775.37	5,637.51	29.34	29.88	113.34	-708.56	1,044.72	1,198.44	1,140.75	57.69	20.774		
6,000.00	5,872.78	5,873.28	5,732.79	29.85	30.40	113.34	-719.83	1,064.24	1,218.79	1,160.10	58.69	20.767		
6,100.00	5,970.41	5,971.18	5,828.07	30.36	30.92	113.33	-731.10	1,083.76	1,239.13	1,179.45	59.69	20.761		
6,200.00	6,068.05	6,069.09	5,923.35	30.86	31.44	113.33	-742.37	1,103.28	1,259.48	1,198.80	60.68	20.755		
6,300.00	6,165.69	6,167.00	6,018.62	31.37	31.96	113.32	-753.64	1,122.80	1,279.83	1,218.15	61.68	20.749		
6,400.00	6,263.33	6,264.91	6,113.90	31.88	32.48	113.32	-764.91	1,142.32	1,300.18	1,237.50	62.68	20.743		
6,500.00	6,360.96	6,362.81	6,209.18	32.38	33.00	113.31	-776.18	1,161.84	1,320.53	1,256.85	63.68	20.737		
6,600.00	6,458.60	6,460.72	6,304.46	32.89	33.53	113.31	-787.45	1,181.36	1,340.88	1,276.20	64.68	20.732		
6,628.42	6,486.35	6,488.55	6,331.54	33.04	33.67	113.31	-790.66	1,186.91	1,346.66	1,281.70	64.96	20.730		
6,650.00	6,507.49	6,509.67	6,352.09	33.14	33.79	118.01	-793.09	1,191.12	1,351.06	1,285.89	65.17	20.730		
6,700.00	6,556.88	6,561.39	6,402.65	33.37	34.05	136.55	-799.01	1,200.16	1,361.28	1,295.61	65.66	20.731		
6,750.00	6,606.60	6,614.19	6,454.87	33.58	34.29	175.98	-804.94	1,205.20	1,371.40	1,305.28	66.11	20.743		
6,800.00	6,656.35	6,667.29	6,507.63	33.76	34.49	-140.91	-810.74	1,205.86	1,381.35	1,314.83	66.52	20.766		
6,850.00	6,705.83	6,720.68	6,560.57	33.94	34.67	-119.57	-816.37	1,202.08	1,391.08	1,324.18	66.91	20.791		
6,900.00	6,754.72	6,774.35	6,613.31	34.12	34.84	-109.30	-821.78	1,193.79	1,400.53	1,333.23	67.30	20.811		
6,950.00	6,802.72	6,828.31	6,665.45	34.31	35.01	-103.39	-826.93	1,180.99	1,409.63	1,341.93	67.70	20.821		
7,000.00	6,849.54	6,882.53	6,716.60	34.50	35.18	-99.49	-831.77	1,163.72	1,418.32	1,350.20	68.12	20.820		
7,050.00	6,894.89	6,937.00	6,766.35	34.71	35.37	-96.66	-836.27	1,142.03	1,426.56	1,357.98	68.58	20.803		
7,100.00	6,938.49	6,991.69	6,814.27	34.93	35.58	-94.49	-840.39	1,116.04	1,434.28	1,365.22	69.06	20.769		
7,150.00	6,980.07	7,046.56	6,859.97	35.17	35.81	-92.75	-844.08	1,085.92	1,441.44	1,371.86	69.58	20.715		
7,200.00	7,019.38	7,101.59	6,903.05	35.43	36.07	-91.31	-847.31	1,051.88	1,448.00	1,377.84	70.16	20.639		
7,250.00	7,056.17	7,156.71	6,943.14	35.71	36.35	-90.10	-850.06	1,014.16	1,453.91	1,383.12	70.79	20.538		
7,300.00	7,090.21	7,211.90	6,979.88	36.03	36.68	-89.08	-852.29	973.07	1,459.13	1,387.63	71.49	20.409		
7,350.00	7,121.30	7,267.08	7,012.96	36.37	37.05	-88.21	-854.00	928.96	1,463.63	1,391.37	72.27	20.254		
7,400.00	7,149.25	7,322.20	7,042.10	36.75	37.46	-87.47	-855.16	882.20	1,467.39	1,394.28	73.12	20.069		
7,450.00	7,173.87	7,377.21	7,067.07	37.17	37.92	-86.85	-855.76	833.21	1,470.39	1,396.34	74.05	19.857		
7,500.00	7,195.03	7,432.04	7,087.69	37.62	38.42	-86.34	-855.81	782.42	1,472.59	1,397.54	75.06	19.619		
7,550.00	7,212.58	7,486.64	7,103.84	38.11	38.97	-85.93	-855.31	730.28	1,474.01	1,397.86	76.15	19.357		
7,600.00	7,226.43	7,540.95	7,115.44	38.64	39.56	-85.61	-854.28	677.25	1,474.62	1,397.31	77.31	19.075		
7,650.00	7,236.48	7,594.92	7,122.48	39.20	40.18	-85.39	-852.73	623.78	1,474.43	1,395.90	78.52	18.777		
7,700.00	7,242.68	7,648.51	7,124.99	39.79	40.83	-85.26	-850.68	570.31	1,473.44	1,393.65	79.79	18.467		
7,753.32	7,245.00	7,701.84	7,125.12	40.44	41.51	-85.32	-848.38	517.02	1,471.57	1,390.43	81.14	18.136		
7,800.00	7,245.08	7,748.48	7,125.23	41.04	42.16	-85.31	-846.37	470.43	1,469.59	1,387.18	82.42	17.831		
7,900.00	7,245.26	7,848.39	7,125.47	42.43	43.62	-85.30	-842.06	370.62	1,465.37	1,380.04	85.33	17.172		
8,000.00	7,245.43	7,948.30	7,125.71	43.97	45.23	-85.29	-837.75	270.80	1,461.14	1,372.62	88.52	16.506		
8,100.00	7,245.61	8,048.21	7,125.95	45.64	46.96	-85.28	-833.45	170.98	1,456.92	1,364.97	91.95	15.845		
8,200.00	7,245.79	8,148.12	7,126.19	47.42	48.81	-85.27	-829.14	71.16	1,452.69	1,357.09	95.60	15.196		
8,300.00	7,245.97	8,248.03	7,126.43	49.30	50.75	-85.26	-824.83	-28.65	1,448.47	1,349.03	99.44	14.566		
8,400.00	7,246.14	8,347.94	7,126.67	51.28	52.78	-85.25	-820.52	-128.47	1,444.24	1,340.79	103.46	13.960		
8,500.00	7,246.32	8,447.85	7,126.91	53.34	54.89	-85.23	-816.22	-228.29	1,440.02	1,332.39	107.63	13.380		
8,600.00	7,246.50	8,547.76	7,127.15	55.46	57.06	-85.22	-811.91	-328.10	1,435.79	1,323.86	111.93	12.828		
8,700.00	7,246.67	8,647.67	7,127.39	57.66	59.29	-85.21	-807.60	-427.92	1,431.57	1,315.22	116.35	12.304		
8,800.00	7,246.85	8,747.58	7,127.63	59.90	61.53	-85.20	-804.39	-508.46	1,427.74	1,307.30	120.44	11.854		
8,900.00	7,247.03	8,847.49	7,127.87	62.20	63.87	-85.20	-803.17	-580.17	1,426.04	1,301.67	124.37	11.466		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,923.61	7,247.07	8,810.87	7,127.78	62.76	63.04	-85.20	-803.14	-591.04	1,425.96	1,300.80	125.16	11.393		
9,000.00	7,247.21	8,872.28	7,127.93	64.55	64.47	-85.20	-803.58	-652.45	1,426.53	1,298.17	128.35	11.114		
9,100.00	7,247.38	8,972.28	7,128.17	66.93	66.84	-85.21	-804.56	-752.44	1,427.58	1,294.47	133.11	10.725		
9,200.00	7,247.56	9,072.27	7,128.41	69.35	69.24	-85.22	-805.55	-852.43	1,428.63	1,290.69	137.93	10.357		
9,300.00	7,247.74	9,172.27	7,128.65	71.80	71.68	-85.22	-806.53	-952.42	1,429.68	1,286.86	142.82	10.010		
9,400.00	7,247.91	9,272.26	7,128.89	74.29	74.14	-85.23	-807.51	-1,052.41	1,430.73	1,282.96	147.77	9.682		
9,500.00	7,248.09	9,372.26	7,129.13	76.79	76.64	-85.23	-808.49	-1,152.40	1,431.78	1,279.01	152.77	9.372		
9,600.00	7,248.27	9,472.25	7,129.37	79.33	79.16	-85.24	-809.47	-1,252.39	1,432.83	1,275.01	157.82	9.079		
9,700.00	7,248.45	9,572.24	7,129.61	81.88	81.70	-85.25	-810.46	-1,352.38	1,433.88	1,270.97	162.91	8.802		
9,800.00	7,248.62	9,672.24	7,129.85	84.45	84.26	-85.25	-811.44	-1,452.37	1,434.93	1,266.89	168.04	8.539		
9,900.00	7,248.80	9,772.23	7,130.08	87.04	86.84	-85.26	-812.42	-1,552.36	1,435.98	1,262.78	173.21	8.291		
10,000.00	7,248.98	9,872.23	7,130.32	89.65	89.44	-85.26	-813.40	-1,652.35	1,437.03	1,258.63	178.40	8.055		
10,100.00	7,249.15	9,972.22	7,130.56	92.28	92.05	-85.27	-814.38	-1,752.34	1,438.08	1,254.45	183.63	7.831		
10,200.00	7,249.33	10,072.22	7,130.80	94.91	94.68	-85.28	-815.36	-1,852.32	1,439.13	1,250.25	188.89	7.619		
10,300.00	7,249.51	10,172.21	7,131.04	97.56	97.32	-85.28	-816.35	-1,952.31	1,440.18	1,246.02	194.17	7.417		
10,400.00	7,249.69	10,272.21	7,131.28	100.22	99.97	-85.29	-817.33	-2,052.30	1,441.24	1,241.76	199.47	7.225		
10,500.00	7,249.86	10,372.20	7,131.52	102.89	102.64	-85.29	-818.31	-2,152.29	1,442.29	1,237.49	204.80	7.043		
10,600.00	7,250.04	10,472.19	7,131.76	105.57	105.31	-85.30	-819.29	-2,252.28	1,443.34	1,233.20	210.14	6.868		
10,700.00	7,250.22	10,572.19	7,132.00	108.27	108.00	-85.31	-820.27	-2,352.27	1,444.39	1,228.88	215.50	6.702		
10,800.00	7,250.39	10,672.18	7,132.24	110.96	110.69	-85.31	-821.25	-2,452.26	1,445.44	1,224.55	220.88	6.544		
10,900.00	7,250.57	10,772.18	7,132.48	113.67	113.39	-85.32	-822.24	-2,552.25	1,446.49	1,220.21	226.28	6.392		
11,000.00	7,250.75	10,872.17	7,132.72	116.39	116.10	-85.32	-823.22	-2,652.24	1,447.54	1,215.85	231.69	6.248		
11,100.00	7,250.93	10,972.17	7,132.96	119.11	118.81	-85.33	-824.20	-2,752.23	1,448.59	1,211.48	237.11	6.109		
11,200.00	7,251.10	11,072.16	7,133.20	121.83	121.53	-85.34	-825.18	-2,852.22	1,449.64	1,207.09	242.55	5.977		
11,300.00	7,251.28	11,172.15	7,133.44	124.57	124.26	-85.34	-826.16	-2,952.21	1,450.69	1,202.69	248.00	5.850		
11,400.00	7,251.46	11,272.15	7,133.68	127.31	127.00	-85.35	-827.15	-3,052.20	1,451.74	1,198.28	253.46	5.728		
11,500.00	7,251.63	11,372.14	7,133.92	130.05	129.73	-85.35	-828.13	-3,152.19	1,452.79	1,193.86	258.93	5.611		
11,600.00	7,251.81	11,472.14	7,134.16	132.80	132.48	-85.36	-829.11	-3,252.17	1,453.84	1,189.43	264.41	5.498		
11,700.00	7,251.99	11,572.13	7,134.40	135.55	135.23	-85.36	-830.09	-3,352.16	1,454.89	1,184.99	269.90	5.390		
11,800.00	7,252.17	11,672.13	7,134.64	138.31	137.98	-85.37	-831.07	-3,452.15	1,455.95	1,180.55	275.40	5.287		
11,900.00	7,252.34	11,772.12	7,134.88	141.07	140.74	-85.38	-832.05	-3,552.14	1,457.00	1,176.09	280.90	5.187		
12,000.00	7,252.52	11,872.12	7,135.12	143.84	143.50	-85.38	-833.04	-3,652.13	1,458.05	1,171.63	286.42	5.091		
12,100.00	7,252.70	11,972.11	7,135.35	146.61	146.26	-85.39	-834.02	-3,752.12	1,459.10	1,167.16	291.94	4.998		
12,200.00	7,252.87	12,072.10	7,135.59	149.38	149.03	-85.39	-835.00	-3,852.11	1,460.15	1,162.68	297.47	4.909		
12,300.00	7,253.05	12,172.10	7,135.83	152.16	151.80	-85.40	-835.98	-3,952.10	1,461.20	1,158.20	303.00	4.822		
12,400.00	7,253.23	12,272.09	7,136.07	154.94	154.58	-85.41	-836.96	-4,052.09	1,462.25	1,153.71	308.54	4.739		
12,500.00	7,253.41	12,372.09	7,136.31	157.72	157.36	-85.41	-837.95	-4,152.08	1,463.30	1,149.21	314.09	4.659		
12,600.00	7,253.58	12,472.08	7,136.55	160.51	160.14	-85.42	-838.93	-4,252.07	1,464.35	1,144.71	319.64	4.581		
12,700.00	7,253.76	12,572.08	7,136.79	163.29	162.92	-85.42	-839.91	-4,352.06	1,465.40	1,140.20	325.20	4.506		
12,800.00	7,253.94	12,672.07	7,137.03	166.08	165.70	-85.43	-840.89	-4,452.05	1,466.45	1,135.69	330.76	4.434		
12,900.00	7,254.11	12,772.06	7,137.27	168.88	168.49	-85.43	-841.87	-4,552.04	1,467.51	1,131.18	336.33	4.363		
13,000.00	7,254.29	12,872.06	7,137.51	171.67	171.28	-85.44	-842.85	-4,652.02	1,468.56	1,126.66	341.90	4.295		
13,100.00	7,254.47	12,972.05	7,137.75	174.47	174.08	-85.45	-843.84	-4,752.01	1,469.61	1,122.13	347.48	4.229		
13,200.00	7,254.65	13,072.05	7,137.99	177.27	176.87	-85.45	-844.82	-4,852.00	1,470.66	1,117.60	353.06	4.166		
13,300.00	7,254.82	13,172.04	7,138.23	180.07	179.67	-85.46	-845.80	-4,951.99	1,471.71	1,113.07	358.64	4.104		
13,400.00	7,255.00	13,272.04	7,138.47	182.87	182.46	-85.46	-846.78	-5,051.98	1,472.76	1,108.53	364.23	4.044		
13,500.00	7,255.18	13,372.03	7,138.71	185.67	185.26	-85.47	-847.76	-5,151.97	1,473.81	1,103.99	369.82	3.985		
13,600.00	7,255.35	13,472.03	7,138.95	188.48	188.07	-85.47	-848.75	-5,251.96	1,474.86	1,099.45	375.41	3.929		
13,700.00	7,255.53	13,572.02	7,139.19	191.29	190.87	-85.48	-849.73	-5,351.95	1,475.91	1,094.90	381.01	3.874		
13,800.00	7,255.71	13,672.01	7,139.43	194.10	193.68	-85.49	-850.71	-5,451.94	1,476.96	1,090.35	386.61	3.820		
13,900.00	7,255.89	13,772.01	7,139.67	196.91	196.48	-85.49	-851.69	-5,551.93	1,478.02	1,085.80	392.22	3.768		
14,000.00	7,256.06	13,872.00	7,139.91	199.72	199.29	-85.50	-852.67	-5,651.92	1,479.07	1,081.24	397.82	3.718		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	13,972.00	7,140.15	202.53	202.10	-85.50	-853.65	-5,751.91	1,480.12	1,076.69	403.43	3.669		
14,200.00	7,256.42	14,071.99	7,140.39	205.35	204.91	-85.51	-854.64	-5,851.90	1,481.17	1,072.12	409.05	3.621		
14,300.00	7,256.59	14,171.99	7,140.62	208.16	207.72	-85.51	-855.62	-5,951.88	1,482.22	1,067.56	414.66	3.575		
14,400.00	7,256.77	14,271.98	7,140.86	210.98	210.54	-85.52	-856.60	-6,051.87	1,483.27	1,062.99	420.28	3.529		
14,500.00	7,256.95	14,371.97	7,141.10	213.80	213.35	-85.52	-857.58	-6,151.86	1,484.32	1,058.43	425.90	3.485		
14,600.00	7,257.13	14,471.97	7,141.34	216.62	216.16	-85.53	-858.56	-6,251.85	1,485.37	1,053.86	431.52	3.442		
14,700.00	7,257.30	14,571.96	7,141.58	219.44	218.98	-85.54	-859.55	-6,351.84	1,486.43	1,049.28	437.14	3.400		
14,800.00	7,257.48	14,671.96	7,141.82	222.26	221.80	-85.54	-860.53	-6,451.83	1,487.48	1,044.71	442.77	3.359		
14,900.00	7,257.66	14,771.95	7,142.06	225.08	224.62	-85.55	-861.51	-6,551.82	1,488.53	1,040.13	448.40	3.320		
15,000.00	7,257.83	14,871.95	7,142.30	227.91	227.44	-85.55	-862.49	-6,651.81	1,489.58	1,035.55	454.03	3.281		
15,100.00	7,258.01	14,971.94	7,142.54	230.73	230.26	-85.56	-863.47	-6,751.80	1,490.63	1,030.97	459.66	3.243		
15,200.00	7,258.19	15,071.94	7,142.78	233.56	233.08	-85.56	-864.45	-6,851.79	1,491.68	1,026.39	465.29	3.206		
15,300.00	7,258.37	15,171.93	7,143.02	236.38	235.90	-85.57	-865.44	-6,951.78	1,492.73	1,021.80	470.93	3.170		
15,400.00	7,258.54	15,271.92	7,143.26	239.21	238.72	-85.57	-866.42	-7,051.77	1,493.78	1,017.22	476.57	3.134		
15,500.00	7,258.72	15,371.92	7,143.50	242.04	241.55	-85.58	-867.40	-7,151.76	1,494.84	1,012.63	482.20	3.100		
15,600.00	7,258.90	15,471.91	7,143.74	244.87	244.37	-85.59	-868.38	-7,251.75	1,495.89	1,008.04	487.85	3.066		
15,700.00	7,259.08	15,571.91	7,143.98	247.70	247.20	-85.59	-869.36	-7,351.73	1,496.94	1,003.45	493.49	3.033		
15,800.00	7,259.25	15,671.90	7,144.22	250.53	250.02	-85.60	-870.34	-7,451.72	1,497.99	998.86	499.13	3.001		
15,900.00	7,259.43	15,771.90	7,144.46	253.36	252.85	-85.60	-871.33	-7,551.71	1,499.04	994.27	504.78	2.970		
16,000.00	7,259.61	15,871.89	7,144.70	256.19	255.68	-85.61	-872.31	-7,651.70	1,500.09	989.67	510.42	2.939		
16,100.00	7,259.78	15,971.88	7,144.94	259.02	258.51	-85.61	-873.29	-7,751.69	1,501.14	985.08	516.07	2.909		
16,200.00	7,259.96	16,071.88	7,145.18	261.85	261.33	-85.62	-874.27	-7,851.68	1,502.20	980.48	521.72	2.879		
16,300.00	7,260.14	16,171.87	7,145.42	264.68	264.16	-85.62	-875.25	-7,951.67	1,503.25	975.88	527.37	2.850		
16,400.00	7,260.32	16,271.87	7,145.66	267.52	266.99	-85.63	-876.24	-8,051.66	1,504.30	971.28	533.02	2.822		
16,500.00	7,260.49	16,371.86	7,145.90	270.35	269.82	-85.63	-877.22	-8,151.65	1,505.35	966.68	538.67	2.795		
16,600.00	7,260.67	16,471.86	7,146.13	273.19	272.65	-85.64	-878.20	-8,251.64	1,506.40	962.08	544.33	2.767		
16,700.00	7,260.85	16,571.85	7,146.37	276.02	275.49	-85.65	-879.18	-8,351.63	1,507.45	957.47	549.98	2.741		
16,800.00	7,261.02	16,671.85	7,146.61	278.86	278.32	-85.65	-880.16	-8,451.62	1,508.50	952.87	555.64	2.715		
16,900.00	7,261.20	16,771.84	7,146.85	281.69	281.15	-85.66	-881.14	-8,551.61	1,509.56	948.26	561.29	2.689		
17,000.00	7,261.38	16,871.83	7,147.09	284.53	283.98	-85.66	-882.13	-8,651.59	1,510.61	943.66	566.95	2.664		
17,100.00	7,261.56	16,971.83	7,147.33	287.37	286.82	-85.67	-883.11	-8,751.58	1,511.66	939.05	572.61	2.640		
17,200.00	7,261.73	17,071.82	7,147.57	290.21	289.65	-85.67	-884.09	-8,851.57	1,512.71	934.44	578.27	2.616		
17,300.00	7,261.91	17,171.82	7,147.81	293.04	292.49	-85.68	-885.07	-8,951.56	1,513.76	929.83	583.93	2.592		
17,400.00	7,262.09	17,271.81	7,148.05	295.88	295.32	-85.68	-886.05	-9,051.55	1,514.81	925.22	589.59	2.569		
17,500.00	7,262.26	17,371.81	7,148.29	298.72	298.16	-85.69	-887.04	-9,151.54	1,515.87	920.61	595.26	2.547		
17,600.00	7,262.44	17,471.80	7,148.53	301.56	300.99	-85.69	-888.02	-9,251.53	1,516.92	916.00	600.92	2.524		
17,700.00	7,262.62	17,571.79	7,148.77	304.40	303.83	-85.70	-889.00	-9,351.52	1,517.97	911.39	606.58	2.502		
17,800.00	7,262.80	17,671.79	7,149.01	307.24	306.66	-85.70	-889.98	-9,451.51	1,519.02	906.77	612.25	2.481		
17,900.00	7,262.97	17,771.78	7,149.25	310.08	309.50	-85.71	-890.96	-9,551.50	1,520.07	902.16	617.91	2.460		
18,000.00	7,263.15	17,871.78	7,149.49	312.92	312.34	-85.72	-891.94	-9,651.49	1,521.12	897.54	623.58	2.439		
18,100.00	7,263.33	17,971.77	7,149.73	315.76	315.17	-85.72	-892.93	-9,751.48	1,522.18	892.93	629.25	2.419		
18,200.00	7,263.50	18,071.77	7,149.97	318.61	318.01	-85.73	-893.91	-9,851.47	1,523.23	888.31	634.92	2.399		
18,300.00	7,263.68	18,171.76	7,150.21	321.45	320.85	-85.73	-894.89	-9,951.46	1,524.28	883.69	640.59	2.380		
18,400.00	7,263.86	18,271.76	7,150.45	324.29	323.69	-85.74	-895.87	-10,051.44	1,525.33	879.07	646.26	2.360		
18,500.00	7,264.04	18,371.75	7,150.69	327.13	326.53	-85.74	-896.85	-10,151.43	1,526.38	874.46	651.93	2.341		
18,600.00	7,264.21	18,471.74	7,150.93	329.97	329.37	-85.75	-897.84	-10,251.42	1,527.43	869.84	657.60	2.323		
18,700.00	7,264.39	18,571.74	7,151.17	332.82	332.21	-85.75	-898.82	-10,351.41	1,528.49	865.22	663.27	2.304		
18,800.00	7,264.57	18,671.73	7,151.40	335.66	335.05	-85.76	-899.80	-10,451.40	1,529.54	860.60	668.94	2.287		
18,900.00	7,264.74	18,771.73	7,151.64	338.51	337.89	-85.76	-900.78	-10,551.39	1,530.59	855.98	674.61	2.269		
19,000.00	7,264.92	18,871.72	7,151.88	341.35	340.73	-85.77	-901.76	-10,651.38	1,531.64	851.35	680.29	2.251		
19,044.52	7,265.00	18,916.24	7,151.99	342.62	341.99	-85.77	-902.20	-10,695.90	1,532.11	849.30	682.81	2.244 SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-150.09	-1.39	150.10					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-150.09	-1.39	150.10	143.53	6.57	22.848		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-150.09	-1.39	150.10	143.42	6.67	22.490 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	115.56	-150.09	-1.39	150.84	143.95	6.89	21.898		
400.00	399.84	396.26	396.24	3.60	3.59	116.76	-151.26	-0.28	154.33	147.14	7.20	21.445		
500.00	499.45	492.27	492.12	3.81	3.77	118.05	-154.76	3.06	161.81	154.22	7.59	21.305		
600.00	598.70	587.79	587.31	4.06	4.00	119.32	-160.55	8.57	173.28	165.21	8.07	21.463		
700.00	697.47	682.62	681.48	4.34	4.25	120.47	-168.57	16.20	188.72	180.09	8.62	21.892		
800.00	795.62	776.54	774.35	4.66	4.53	121.46	-178.73	25.88	208.07	198.85	9.22	22.556		
824.00	819.08	798.93	796.41	4.75	4.60	121.67	-181.47	28.50	213.29	203.91	9.38	22.742		
900.00	893.28	869.52	865.77	5.02	4.84	122.36	-190.95	37.52	230.75	220.88	9.88	23.365		
1,000.00	990.92	961.72	955.85	5.40	5.17	122.63	-205.19	51.08	255.41	244.85	10.56	24.185		
1,100.00	1,088.56	1,052.98	1,044.34	5.80	5.54	122.36	-221.34	66.46	281.94	270.66	11.28	24.990		
1,200.00	1,186.19	1,143.91	1,131.77	6.21	5.93	121.70	-239.44	83.69	310.31	298.28	12.03	25.797		
1,300.00	1,283.83	1,239.49	1,223.35	6.64	6.36	120.96	-259.25	102.56	339.43	326.60	12.83	26.454		
1,400.00	1,381.47	1,335.08	1,314.94	7.08	6.81	120.33	-279.06	121.42	368.59	354.93	13.66	26.985		
1,500.00	1,479.10	1,430.66	1,406.52	7.53	7.28	119.80	-298.87	140.29	397.78	383.27	14.51	27.416		
1,600.00	1,576.74	1,526.24	1,498.11	7.99	7.76	119.34	-318.68	159.15	427.00	411.63	15.38	27.768		
1,700.00	1,674.38	1,621.83	1,589.69	8.45	8.26	118.94	-338.49	178.02	456.25	439.99	16.26	28.057		
1,800.00	1,772.02	1,717.41	1,681.28	8.92	8.76	118.59	-358.29	196.88	485.51	468.35	17.16	28.295		
1,900.00	1,869.65	1,812.99	1,772.86	9.39	9.26	118.28	-378.10	215.74	514.78	496.72	18.07	28.494		
2,000.00	1,967.29	1,908.58	1,864.45	9.87	9.77	118.00	-397.91	234.61	544.07	525.09	18.98	28.659		
2,100.00	2,064.93	2,004.16	1,956.03	10.35	10.29	117.75	-417.72	253.47	573.37	553.46	19.91	28.798		
2,200.00	2,162.56	2,100.26	2,047.62	10.83	10.81	117.52	-437.53	272.34	602.68	581.83	20.85	28.912		
2,300.00	2,260.20	2,204.68	2,139.20	11.32	11.39	117.32	-457.34	291.20	632.00	610.17	21.83	28.952		
2,400.00	2,357.84	2,309.09	2,230.79	11.80	11.97	117.13	-477.15	310.07	661.32	638.50	22.82	28.981		
2,500.00	2,455.48	2,386.49	2,322.37	12.29	12.40	116.96	-496.96	328.93	690.65	666.97	23.68	29.172		
2,600.00	2,553.11	2,482.07	2,413.96	12.78	12.93	116.80	-516.77	347.80	719.98	695.35	24.63	29.233		
2,700.00	2,650.75	2,577.66	2,505.54	13.27	13.47	116.66	-536.58	366.66	749.32	723.73	25.59	29.286		
2,800.00	2,748.39	2,673.24	2,597.13	13.77	14.00	116.52	-556.39	385.53	778.66	752.11	26.55	29.332		
2,900.00	2,846.02	2,768.82	2,688.71	14.26	14.54	116.40	-576.20	404.39	808.01	780.50	27.51	29.372		
3,000.00	2,943.66	2,864.41	2,780.30	14.76	15.08	116.28	-596.01	423.25	837.36	808.88	28.48	29.406		
3,100.00	3,041.30	2,959.99	2,871.88	15.25	15.63	116.18	-615.82	442.12	866.71	837.26	29.44	29.435		
3,200.00	3,138.94	3,055.57	2,963.47	15.75	16.17	116.07	-635.63	460.98	896.06	865.65	30.42	29.461		
3,300.00	3,236.57	3,151.16	3,055.05	16.25	16.71	115.98	-655.44	479.85	925.42	894.03	31.39	29.483		
3,400.00	3,334.21	3,246.74	3,146.64	16.75	17.26	115.89	-675.25	498.71	954.78	922.41	32.36	29.502		
3,500.00	3,431.85	3,342.32	3,238.22	17.25	17.81	115.81	-695.06	517.58	984.14	950.80	33.34	29.519		
3,600.00	3,529.48	3,437.90	3,329.81	17.75	18.35	115.73	-714.87	536.44	1,013.50	979.18	34.32	29.534		
3,700.00	3,627.12	3,533.49	3,421.39	18.25	18.90	115.66	-734.68	555.31	1,042.87	1,007.57	35.30	29.546		
3,800.00	3,724.76	3,629.07	3,512.98	18.75	19.45	115.59	-754.49	574.17	1,072.23	1,035.96	36.28	29.557		
3,900.00	3,822.40	3,724.65	3,604.56	19.25	20.00	115.52	-774.30	593.03	1,101.60	1,064.34	37.26	29.567		
4,000.00	3,920.03	3,820.24	3,696.15	19.75	20.55	115.46	-794.11	611.90	1,130.97	1,092.73	38.24	29.575		
4,100.00	4,017.67	3,915.82	3,787.73	20.25	21.10	115.40	-813.92	630.76	1,160.34	1,121.11	39.22	29.582		
4,200.00	4,115.31	4,011.40	3,879.32	20.76	21.65	115.34	-833.73	649.63	1,189.71	1,149.50	40.21	29.588		
4,300.00	4,212.94	4,106.99	3,970.90	21.26	22.20	115.29	-853.54	668.49	1,219.08	1,177.89	41.19	29.593		
4,400.00	4,310.58	4,202.57	4,062.49	21.76	22.75	115.24	-873.35	687.36	1,248.45	1,206.27	42.18	29.597		
4,500.00	4,408.22	4,301.85	4,154.07	22.27	23.33	115.19	-893.16	706.22	1,277.83	1,234.64	43.19	29.587		
4,600.00	4,505.86	4,393.74	4,245.66	22.77	23.86	115.14	-912.97	725.09	1,307.20	1,263.04	44.16	29.604		
4,700.00	4,603.49	4,489.32	4,337.24	23.28	24.41	115.10	-932.78	743.95	1,336.58	1,291.43	45.15	29.606		
4,800.00	4,701.13	4,584.90	4,428.83	23.78	24.96	115.05	-952.58	762.81	1,365.95	1,319.82	46.13	29.608		
4,900.00	4,798.77	4,680.48	4,520.41	24.28	25.52	115.01	-972.39	781.68	1,395.33	1,348.20	47.12	29.610		
5,000.00	4,896.40	4,776.07	4,612.00	24.79	26.07	114.97	-992.20	800.54	1,424.71	1,376.59	48.11	29.611		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	4,871.65	4,703.58	25.30	26.63	114.94	-1,012.01	819.41	1,454.08	1,404.98	49.11	29.611		
5,200.00	5,091.68	4,967.23	4,795.17	25.80	27.18	114.90	-1,031.82	838.27	1,483.46	1,433.36	50.10	29.612		
5,300.00	5,189.32	5,062.82	4,886.76	26.31	27.74	114.86	-1,051.63	857.14	1,512.84	1,461.75	51.09	29.612		
5,400.00	5,286.95	5,158.40	4,978.34	26.81	28.29	114.83	-1,071.44	876.00	1,542.22	1,490.14	52.08	29.612		
5,500.00	5,384.59	5,253.98	5,069.93	27.32	28.84	114.80	-1,091.25	894.87	1,571.60	1,518.53	53.07	29.611		
5,600.00	5,482.23	5,349.57	5,161.51	27.82	29.40	114.77	-1,111.06	913.73	1,600.98	1,546.91	54.07	29.611		
5,700.00	5,579.87	5,445.15	5,253.10	28.33	29.96	114.74	-1,130.87	932.60	1,630.36	1,575.30	55.06	29.610		
5,800.00	5,677.50	5,540.73	5,344.68	28.84	30.51	114.71	-1,150.68	951.46	1,659.74	1,603.69	56.06	29.609		
5,900.00	5,775.14	5,636.32	5,436.27	29.34	31.07	114.68	-1,170.49	970.32	1,689.12	1,632.07	57.05	29.608		
6,000.00	5,872.78	5,731.90	5,527.85	29.85	31.62	114.65	-1,190.30	989.19	1,718.51	1,660.46	58.04	29.607		
6,100.00	5,970.41	5,827.48	5,619.44	30.36	32.18	114.63	-1,210.11	1,008.05	1,747.89	1,688.85	59.04	29.605		
6,200.00	6,068.05	5,923.06	5,711.02	30.86	32.73	114.60	-1,229.92	1,026.92	1,777.27	1,717.24	60.03	29.604		
6,300.00	6,165.69	6,018.65	5,802.61	31.37	33.29	114.58	-1,249.73	1,045.78	1,806.65	1,745.62	61.03	29.602		
6,400.00	6,263.33	6,114.23	5,894.19	31.88	33.85	114.56	-1,269.54	1,064.65	1,836.04	1,774.01	62.03	29.601		
6,500.00	6,360.96	6,209.81	5,985.78	32.38	34.40	114.53	-1,289.35	1,083.51	1,865.42	1,802.40	63.02	29.599		
6,600.00	6,458.60	6,305.40	6,077.36	32.89	34.96	114.51	-1,309.16	1,102.38	1,894.80	1,830.78	64.02	29.597		
6,628.42	6,486.35	6,332.56	6,103.39	33.04	35.12	114.50	-1,314.79	1,107.74	1,903.15	1,838.85	64.30	29.597		
6,650.00	6,507.49	6,353.18	6,123.15	33.14	35.24	119.40	-1,319.06	1,111.81	1,909.50	1,844.98	64.51	29.598		
6,700.00	6,556.88	6,400.80	6,168.77	33.37	35.52	138.37	-1,328.93	1,121.20	1,924.18	1,859.20	64.98	29.611		
6,750.00	6,606.60	6,447.95	6,213.96	33.58	35.79	178.12	-1,338.70	1,130.51	1,938.80	1,873.38	65.42	29.637		
6,800.00	6,656.35	6,494.36	6,258.42	33.76	36.06	-138.56	-1,348.32	1,139.67	1,953.30	1,887.47	65.83	29.674		
6,850.00	6,705.83	6,539.73	6,301.90	33.94	36.33	-117.11	-1,357.73	1,148.63	1,967.67	1,901.45	66.22	29.716		
6,900.00	6,754.72	6,583.79	6,344.11	34.12	36.58	-106.82	-1,366.86	1,157.32	1,981.90	1,915.30	66.59	29.761		
6,950.00	6,802.72	6,626.26	6,384.81	34.31	36.83	-100.93	-1,375.66	1,165.70	1,996.00	1,929.04	66.96	29.809		
7,000.00	6,849.54	6,666.88	6,423.73	34.50	37.07	-97.10	-1,384.08	1,173.72	2,010.00	1,942.68	67.32	29.858		
7,050.00	6,894.89	6,705.41	6,460.64	34.71	37.29	-94.36	-1,392.06	1,181.32	2,023.93	1,956.27	67.67	29.910		
7,100.00	6,938.49	6,742.60	6,496.29	34.93	37.51	-92.28	-1,399.77	1,188.60	2,037.84	1,969.82	68.02	29.958		
7,150.00	6,980.07	6,783.40	6,535.70	35.17	37.73	-90.69	-1,408.29	1,194.79	2,051.69	1,983.26	68.43	29.982		
7,200.00	7,019.38	6,826.43	6,577.60	35.43	37.94	-89.43	-1,417.34	1,198.50	2,065.41	1,996.53	68.88	29.987		
7,250.00	7,056.17	6,872.27	6,622.39	35.71	38.14	-88.43	-1,427.01	1,199.27	2,078.93	2,009.56	69.37	29.970		
7,300.00	7,090.21	6,921.63	6,670.55	36.03	38.32	-87.66	-1,437.39	1,196.40	2,092.18	2,022.27	69.91	29.927		
7,350.00	7,121.30	6,975.49	6,722.68	36.37	38.49	-87.11	-1,448.62	1,188.93	2,105.08	2,034.57	70.51	29.853		
7,400.00	7,149.25	7,035.15	6,779.47	36.75	38.66	-86.77	-1,460.83	1,175.43	2,117.53	2,046.34	71.19	29.744		
7,450.00	7,173.87	7,102.34	6,841.63	37.17	38.84	-86.66	-1,474.19	1,153.80	2,129.39	2,057.44	71.95	29.594		
7,500.00	7,195.03	7,179.35	6,909.67	37.62	39.05	-86.78	-1,488.78	1,120.93	2,140.51	2,067.70	72.82	29.396		
7,550.00	7,212.58	7,269.13	6,983.41	38.11	39.31	-87.14	-1,504.56	1,072.36	2,150.66	2,076.85	73.81	29.140		
7,600.00	7,226.43	7,375.10	7,060.84	38.64	39.67	-87.73	-1,521.08	1,002.09	2,159.52	2,084.54	74.98	28.800		
7,650.00	7,236.48	7,500.45	7,136.20	39.20	40.22	-88.46	-1,537.08	903.47	2,166.69	2,090.22	76.47	28.334		
7,700.00	7,242.68	7,646.09	7,198.10	39.79	41.11	-89.18	-1,550.08	772.63	2,171.66	2,093.19	78.47	27.676		
7,753.32	7,245.00	7,753.32	7,228.66	40.44	41.96	-89.57	-1,556.31	634.42	2,173.96	2,093.53	80.43	27.030		
7,800.00	7,245.08	7,906.52	7,233.09	41.04	43.46	-89.68	-1,556.99	529.24	2,173.98	2,090.95	83.03	26.184		
7,900.00	7,245.26	8,006.52	7,233.33	42.43	44.65	-89.69	-1,556.78	429.24	2,173.85	2,088.01	85.83	25.327		
8,000.00	7,245.43	8,106.52	7,233.58	43.97	46.00	-89.69	-1,556.56	329.24	2,173.71	2,084.80	88.91	24.448		
8,100.00	7,245.61	8,206.52	7,233.83	45.64	47.51	-89.69	-1,556.35	229.24	2,173.58	2,081.33	92.25	23.563		
8,200.00	7,245.79	8,306.52	7,234.08	47.42	49.16	-89.69	-1,556.14	129.24	2,173.44	2,077.63	95.81	22.685		
8,300.00	7,245.97	8,406.52	7,234.33	49.30	50.93	-89.69	-1,555.93	29.24	2,173.31	2,073.74	99.57	21.827		
8,400.00	7,246.14	8,506.52	7,234.58	51.28	52.81	-89.69	-1,555.72	-70.76	2,173.17	2,069.66	103.51	20.995		
8,500.00	7,246.32	8,606.52	7,234.83	53.34	54.78	-89.70	-1,555.50	-170.76	2,173.04	2,065.42	107.61	20.193		
8,600.00	7,246.50	8,706.52	7,235.08	55.46	56.83	-89.70	-1,555.29	-270.76	2,172.90	2,061.05	111.86	19.426		
8,700.00	7,246.67	8,806.52	7,235.32	57.66	58.96	-89.70	-1,555.08	-370.76	2,172.77	2,056.54	116.23	18.694		
8,800.00	7,246.85	8,906.52	7,235.57	59.90	61.15	-89.70	-1,554.87	-470.75	2,172.63	2,051.92	120.71	17.999		
8,900.00	7,247.03	9,006.52	7,235.82	62.20	63.40	-89.70	-1,554.66	-570.75	2,172.50	2,047.20	125.29	17.339		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	9,106.52	7,236.07	64.55	65.70	-89.71	-1,554.45	-670.75	2,172.36	2,042.39	129.97	16.714		
9,100.00	7,247.38	9,206.52	7,236.32	66.93	68.04	-89.71	-1,554.23	-770.75	2,172.23	2,037.51	134.72	16.124		
9,200.00	7,247.56	9,306.52	7,236.57	69.35	70.43	-89.71	-1,554.02	-870.75	2,172.09	2,032.54	139.55	15.565		
9,300.00	7,247.74	9,406.52	7,236.82	71.80	72.85	-89.71	-1,553.81	-970.75	2,171.96	2,027.52	144.44	15.037		
9,400.00	7,247.91	9,506.52	7,237.07	74.29	75.30	-89.71	-1,553.60	-1,070.75	2,171.83	2,022.43	149.40	14.537		
9,500.00	7,248.09	9,606.52	7,237.31	76.79	77.78	-89.72	-1,553.39	-1,170.75	2,171.69	2,017.29	154.40	14.065		
9,600.00	7,248.27	9,706.52	7,237.56	79.33	80.29	-89.72	-1,553.18	-1,270.75	2,171.56	2,012.10	159.45	13.619		
9,700.00	7,248.45	9,806.52	7,237.81	81.88	82.82	-89.72	-1,552.96	-1,370.75	2,171.42	2,006.87	164.55	13.196		
9,800.00	7,248.62	9,906.52	7,238.06	84.45	85.37	-89.72	-1,552.75	-1,470.75	2,171.29	2,001.60	169.69	12.796		
9,900.00	7,248.80	10,006.52	7,238.31	87.04	87.94	-89.72	-1,552.54	-1,570.75	2,171.15	1,996.29	174.86	12.416		
10,000.00	7,248.98	10,106.52	7,238.56	89.65	90.53	-89.72	-1,552.33	-1,670.75	2,171.02	1,990.95	180.07	12.057		
10,100.00	7,249.15	10,206.52	7,238.81	92.28	93.14	-89.73	-1,552.12	-1,770.75	2,170.88	1,985.58	185.30	11.715		
10,200.00	7,249.33	10,306.52	7,239.05	94.91	95.76	-89.73	-1,551.90	-1,870.75	2,170.75	1,980.18	190.57	11.391		
10,300.00	7,249.51	10,406.52	7,239.30	97.56	98.39	-89.73	-1,551.69	-1,970.74	2,170.61	1,974.76	195.86	11.083		
10,400.00	7,249.69	10,493.48	7,239.55	100.22	100.69	-89.73	-1,551.48	-2,070.74	2,170.48	1,969.65	200.82	10.808		
10,500.00	7,249.86	10,606.52	7,239.80	102.89	103.70	-89.73	-1,551.27	-2,170.74	2,170.34	1,963.84	206.51	10.510		
10,600.00	7,250.04	10,706.52	7,240.05	105.57	106.37	-89.74	-1,551.06	-2,270.74	2,170.21	1,958.35	211.86	10.244		
10,700.00	7,250.22	10,806.52	7,240.30	108.27	109.05	-89.74	-1,550.85	-2,370.74	2,170.08	1,952.84	217.24	9.989		
10,800.00	7,250.39	10,906.52	7,240.55	110.96	111.73	-89.74	-1,550.63	-2,470.74	2,169.94	1,947.31	222.63	9.747		
10,900.00	7,250.57	11,006.52	7,240.80	113.67	114.43	-89.74	-1,550.42	-2,570.74	2,169.81	1,941.77	228.03	9.515		
11,000.00	7,250.75	11,106.52	7,241.04	116.39	117.14	-89.74	-1,550.21	-2,670.74	2,169.67	1,936.21	233.46	9.294		
11,100.00	7,250.93	11,206.52	7,241.29	119.11	119.85	-89.75	-1,550.00	-2,770.74	2,169.54	1,930.64	238.89	9.082		
11,200.00	7,251.10	11,306.52	7,241.54	121.83	122.57	-89.75	-1,549.79	-2,870.74	2,169.40	1,925.06	244.34	8.879		
11,300.00	7,251.28	11,406.52	7,241.79	124.57	125.29	-89.75	-1,549.58	-2,970.74	2,169.27	1,919.46	249.80	8.684		
11,400.00	7,251.46	11,506.52	7,242.04	127.31	128.02	-89.75	-1,549.36	-3,070.74	2,169.13	1,913.86	255.28	8.497		
11,500.00	7,251.63	11,606.52	7,242.29	130.05	130.76	-89.75	-1,549.15	-3,170.74	2,169.00	1,908.24	260.76	8.318		
11,600.00	7,251.81	11,706.52	7,242.54	132.80	133.50	-89.75	-1,548.94	-3,270.74	2,168.86	1,902.61	266.25	8.146		
11,700.00	7,251.99	11,806.52	7,242.78	135.55	136.25	-89.76	-1,548.73	-3,370.74	2,168.73	1,896.97	271.76	7.980		
11,800.00	7,252.17	11,906.52	7,243.03	138.31	139.00	-89.76	-1,548.52	-3,470.74	2,168.59	1,891.33	277.27	7.821		
11,900.00	7,252.34	12,006.52	7,243.28	141.07	141.76	-89.76	-1,548.31	-3,570.73	2,168.46	1,885.67	282.79	7.668		
12,000.00	7,252.52	12,106.52	7,243.53	143.84	144.52	-89.76	-1,548.09	-3,670.73	2,168.33	1,880.01	288.32	7.521		
12,100.00	7,252.70	12,206.52	7,243.78	146.61	147.28	-89.76	-1,547.88	-3,770.73	2,168.19	1,874.34	293.85	7.379		
12,200.00	7,252.87	12,306.52	7,244.03	149.38	150.05	-89.77	-1,547.67	-3,870.73	2,168.06	1,868.66	299.39	7.242		
12,300.00	7,253.05	12,406.52	7,244.28	152.16	152.82	-89.77	-1,547.46	-3,970.73	2,167.92	1,862.98	304.94	7.109		
12,400.00	7,253.23	12,506.52	7,244.53	154.94	155.59	-89.77	-1,547.25	-4,070.73	2,167.79	1,857.29	310.50	6.982		
12,500.00	7,253.41	12,606.52	7,244.77	157.72	158.37	-89.77	-1,547.03	-4,170.73	2,167.65	1,851.60	316.06	6.858		
12,600.00	7,253.58	12,706.52	7,245.02	160.51	161.15	-89.77	-1,546.82	-4,270.73	2,167.52	1,845.89	321.62	6.739		
12,700.00	7,253.76	12,806.52	7,245.27	163.29	163.93	-89.78	-1,546.61	-4,370.73	2,167.38	1,840.19	327.20	6.624		
12,800.00	7,253.94	12,906.52	7,245.52	166.08	166.72	-89.78	-1,546.40	-4,470.73	2,167.25	1,834.48	332.77	6.513		
12,900.00	7,254.11	13,006.52	7,245.77	168.88	169.51	-89.78	-1,546.19	-4,570.73	2,167.11	1,828.76	338.35	6.405		
13,000.00	7,254.29	13,106.52	7,246.02	171.67	172.30	-89.78	-1,545.98	-4,670.73	2,166.98	1,823.04	343.94	6.300		
13,100.00	7,254.47	13,206.52	7,246.27	174.47	175.09	-89.78	-1,545.76	-4,770.73	2,166.85	1,817.31	349.53	6.199		
13,200.00	7,254.65	13,306.52	7,246.52	177.27	177.89	-89.78	-1,545.55	-4,870.73	2,166.71	1,811.58	355.13	6.101		
13,300.00	7,254.82	13,406.52	7,246.76	180.07	180.69	-89.79	-1,545.34	-4,970.73	2,166.58	1,805.85	360.73	6.006		
13,400.00	7,255.00	13,506.52	7,247.01	182.87	183.48	-89.79	-1,545.13	-5,070.72	2,166.44	1,800.11	366.33	5.914		
13,500.00	7,255.18	13,606.52	7,247.26	185.67	186.29	-89.79	-1,544.92	-5,170.72	2,166.31	1,794.37	371.93	5.824		
13,600.00	7,255.35	13,706.52	7,247.51	188.48	189.09	-89.79	-1,544.71	-5,270.72	2,166.17	1,788.63	377.54	5.738		
13,700.00	7,255.53	13,806.52	7,247.76	191.29	191.89	-89.79	-1,544.49	-5,370.72	2,166.04	1,782.88	383.16	5.653		
13,800.00	7,255.71	13,906.52	7,248.01	194.10	194.70	-89.80	-1,544.28	-5,470.72	2,165.90	1,777.13	388.77	5.571		
13,900.00	7,255.89	14,006.52	7,248.26	196.91	197.51	-89.80	-1,544.07	-5,570.72	2,165.77	1,771.38	394.39	5.491		
14,000.00	7,256.06	14,106.52	7,248.50	199.72	200.32	-89.80	-1,543.86	-5,670.72	2,165.63	1,765.62	400.01	5.414		
14,100.00	7,256.24	14,206.52	7,248.75	202.53	203.13	-89.80	-1,543.65	-5,770.72	2,165.50	1,759.86	405.64	5.338		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	14,306.52	7,249.00	205.35	205.94	-89.80	-1,543.43	-5,870.72	2,165.37	1,754.10	411.27	5.265		
14,300.00	7,256.59	14,406.52	7,249.25	208.16	208.75	-89.81	-1,543.22	-5,970.72	2,165.23	1,748.34	416.90	5.194		
14,400.00	7,256.77	14,506.52	7,249.50	210.98	211.57	-89.81	-1,543.01	-6,070.72	2,165.10	1,742.57	422.53	5.124		
14,500.00	7,256.95	14,606.52	7,249.75	213.80	214.38	-89.81	-1,542.80	-6,170.72	2,164.96	1,736.80	428.16	5.056		
14,600.00	7,257.13	14,706.52	7,250.00	216.62	217.20	-89.81	-1,542.59	-6,270.72	2,164.83	1,731.03	433.80	4.990		
14,700.00	7,257.30	14,806.52	7,250.25	219.44	220.02	-89.81	-1,542.38	-6,370.72	2,164.69	1,725.25	439.44	4.926		
14,800.00	7,257.48	14,906.52	7,250.49	222.26	222.84	-89.81	-1,542.16	-6,470.72	2,164.56	1,719.48	445.08	4.863		
14,900.00	7,257.66	15,006.52	7,250.74	225.08	225.66	-89.82	-1,541.95	-6,570.71	2,164.42	1,713.70	450.72	4.802		
15,000.00	7,257.83	15,106.52	7,250.99	227.91	228.48	-89.82	-1,541.74	-6,670.71	2,164.29	1,707.92	456.37	4.742		
15,100.00	7,258.01	15,206.52	7,251.24	230.73	231.30	-89.82	-1,541.53	-6,770.71	2,164.16	1,702.14	462.02	4.684		
15,200.00	7,258.19	15,306.52	7,251.49	233.56	234.13	-89.82	-1,541.32	-6,870.71	2,164.02	1,696.36	467.66	4.627		
15,300.00	7,258.37	15,406.52	7,251.74	236.38	236.95	-89.82	-1,541.11	-6,970.71	2,163.89	1,690.57	473.32	4.572		
15,400.00	7,258.54	15,506.52	7,251.99	239.21	239.78	-89.83	-1,540.89	-7,070.71	2,163.75	1,684.78	478.97	4.518		
15,500.00	7,258.72	15,606.52	7,252.23	242.04	242.60	-89.83	-1,540.68	-7,170.71	2,163.62	1,679.00	484.62	4.465		
15,600.00	7,258.90	15,706.52	7,252.48	244.87	245.43	-89.83	-1,540.47	-7,270.71	2,163.48	1,673.21	490.28	4.413		
15,700.00	7,259.08	15,806.52	7,252.73	247.70	248.26	-89.83	-1,540.26	-7,370.71	2,163.35	1,667.41	495.93	4.362		
15,800.00	7,259.25	15,906.52	7,252.98	250.53	251.08	-89.83	-1,540.05	-7,470.71	2,163.21	1,661.62	501.59	4.313		
15,900.00	7,259.43	16,006.52	7,253.23	253.36	253.91	-89.84	-1,539.84	-7,570.71	2,163.08	1,655.83	507.25	4.264		
16,000.00	7,259.61	16,106.52	7,253.48	256.19	256.74	-89.84	-1,539.62	-7,670.71	2,162.94	1,650.03	512.91	4.217		
16,100.00	7,259.78	16,206.53	7,253.73	259.02	259.57	-89.84	-1,539.41	-7,770.71	2,162.81	1,644.23	518.58	4.171		
16,200.00	7,259.96	16,306.53	7,253.98	261.85	262.40	-89.84	-1,539.20	-7,870.71	2,162.68	1,638.44	524.24	4.125		
16,300.00	7,260.14	16,406.53	7,254.22	264.68	265.24	-89.84	-1,538.99	-7,970.71	2,162.54	1,632.64	529.90	4.081		
16,400.00	7,260.32	16,506.53	7,254.47	267.52	268.07	-89.85	-1,538.78	-8,070.71	2,162.41	1,626.84	535.57	4.038		
16,500.00	7,260.49	16,606.53	7,254.72	270.35	270.90	-89.85	-1,538.56	-8,170.70	2,162.27	1,621.03	541.24	3.995		
16,600.00	7,260.67	16,706.53	7,254.97	273.19	273.74	-89.85	-1,538.35	-8,270.70	2,162.14	1,615.23	546.91	3.953		
16,700.00	7,260.85	16,806.53	7,255.22	276.02	276.57	-89.85	-1,538.14	-8,370.70	2,162.00	1,609.43	552.58	3.913		
16,800.00	7,261.02	16,906.53	7,255.47	278.86	279.40	-89.85	-1,537.93	-8,470.70	2,161.87	1,603.62	558.25	3.873		
16,900.00	7,261.20	17,006.53	7,255.72	281.69	282.24	-89.85	-1,537.72	-8,570.70	2,161.73	1,597.82	563.92	3.833		
17,000.00	7,261.38	17,106.53	7,255.96	284.53	285.07	-89.86	-1,537.51	-8,670.70	2,161.60	1,592.01	569.59	3.795		
17,100.00	7,261.56	17,206.53	7,256.21	287.37	287.91	-89.86	-1,537.29	-8,770.70	2,161.47	1,586.20	575.26	3.757		
17,200.00	7,261.73	17,306.53	7,256.46	290.21	290.75	-89.86	-1,537.08	-8,870.70	2,161.33	1,580.39	580.94	3.720		
17,300.00	7,261.91	17,406.53	7,256.71	293.04	293.58	-89.86	-1,536.87	-8,970.70	2,161.20	1,574.58	586.61	3.684		
17,400.00	7,262.09	17,506.53	7,256.96	295.88	296.42	-89.86	-1,536.66	-9,070.70	2,161.06	1,568.77	592.29	3.649		
17,500.00	7,262.26	17,606.53	7,257.21	298.72	299.26	-89.87	-1,536.45	-9,170.70	2,160.93	1,562.96	597.97	3.614		
17,600.00	7,262.44	17,706.53	7,257.46	301.56	302.10	-89.87	-1,536.24	-9,270.70	2,160.79	1,557.15	603.65	3.580		
17,700.00	7,262.62	17,806.53	7,257.71	304.40	304.94	-89.87	-1,536.02	-9,370.70	2,160.66	1,551.33	609.32	3.546		
17,800.00	7,262.80	17,906.53	7,257.95	307.24	307.78	-89.87	-1,535.81	-9,470.70	2,160.52	1,545.52	615.00	3.513		
17,900.00	7,262.97	18,006.53	7,258.20	310.08	310.62	-89.87	-1,535.60	-9,570.70	2,160.39	1,539.71	620.68	3.481		
18,000.00	7,263.15	18,106.53	7,258.45	312.92	313.46	-89.88	-1,535.39	-9,670.69	2,160.26	1,533.89	626.37	3.449		
18,100.00	7,263.33	18,206.53	7,258.70	315.76	316.30	-89.88	-1,535.18	-9,770.69	2,160.12	1,528.07	632.05	3.418		
18,200.00	7,263.50	18,306.53	7,258.95	318.61	319.14	-89.88	-1,534.96	-9,870.69	2,159.99	1,522.26	637.73	3.387		
18,300.00	7,263.68	18,406.53	7,259.20	321.45	321.98	-89.88	-1,534.75	-9,970.69	2,159.85	1,516.44	643.41	3.357		
18,400.00	7,263.86	18,506.53	7,259.45	324.29	324.82	-89.88	-1,534.54	-10,070.69	2,159.72	1,510.62	649.10	3.327		
18,500.00	7,264.04	18,606.53	7,259.70	327.13	327.66	-89.88	-1,534.33	-10,170.69	2,159.58	1,504.80	654.78	3.298		
18,600.00	7,264.21	18,706.53	7,259.94	329.97	330.50	-89.89	-1,534.12	-10,270.69	2,159.45	1,498.98	660.47	3.270		
18,700.00	7,264.39	18,806.53	7,260.19	332.82	333.35	-89.89	-1,533.91	-10,370.69	2,159.31	1,493.16	666.15	3.241		
18,800.00	7,264.57	18,906.53	7,260.44	335.66	336.19	-89.89	-1,533.69	-10,470.69	2,159.18	1,487.34	671.84	3.214		
18,900.00	7,264.74	19,006.53	7,260.69	338.51	339.03	-89.89	-1,533.48	-10,570.69	2,159.05	1,481.52	677.53	3.187		
19,000.00	7,264.92	19,093.47	7,260.94	341.35	341.50	-89.89	-1,533.27	-10,670.69	2,158.91	1,475.70	683.22	3.162		
19,027.65	7,264.97	19,118.22	7,261.00	342.14	342.21	-89.89	-1,533.22	-10,695.43	2,158.88	1,474.55	684.33	3.155		
19,044.52	7,265.00	19,118.22	7,261.00	342.62	342.21	-89.89	-1,533.22	-10,695.43	2,158.94	1,474.17	684.77	3.153 SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	-179.52	-165.02	-1.39	165.03					
100.00	100.00	100.00	100.00	3.28	3.28	-179.52	-165.02	-1.39	165.03	158.46	6.57	25.121		
200.00	200.00	200.00	200.00	3.34	3.34	-179.52	-165.02	-1.39	165.03	158.35	6.67	24.727 CC, ES		
300.00	299.98	295.93	295.92	3.44	3.44	115.03	-166.20	-0.30	166.98	160.10	6.88	24.254		
400.00	399.84	391.64	391.50	3.60	3.58	115.34	-169.73	2.96	172.85	165.65	7.20	24.010		
500.00	499.45	486.90	486.42	3.81	3.77	115.80	-175.56	8.35	182.62	175.01	7.61	24.006		
600.00	598.70	581.50	580.37	4.06	3.99	116.34	-183.65	15.83	196.27	188.18	8.09	24.249		
700.00	697.47	675.22	673.04	4.34	4.25	116.92	-193.90	25.30	213.79	205.14	8.65	24.721		
800.00	795.62	767.87	764.15	4.66	4.54	117.47	-206.22	36.69	235.12	225.86	9.26	25.396		
824.00	819.08	789.92	785.76	4.75	4.61	117.59	-209.47	39.69	240.80	231.39	9.41	25.581		
900.00	893.28	859.40	853.59	5.02	4.86	118.11	-220.50	49.90	259.75	249.83	9.91	26.205		
1,000.00	990.92	949.99	941.45	5.40	5.21	118.30	-236.70	64.87	286.50	275.89	10.60	27.020		
1,100.00	1,088.56	1,049.91	1,027.15	5.80	5.63	118.06	-254.61	81.43	315.26	303.90	11.36	27.740		
1,200.00	1,186.19	1,134.49	1,118.43	6.21	6.02	117.63	-274.97	100.24	345.16	333.06	12.10	28.537		
1,300.00	1,283.83	1,229.89	1,209.72	6.64	6.47	117.27	-295.32	119.05	375.07	362.17	12.90	29.072		
1,400.00	1,381.47	1,325.29	1,301.00	7.08	6.94	116.96	-315.67	137.87	404.99	391.25	13.73	29.489		
1,500.00	1,479.10	1,420.69	1,392.28	7.53	7.42	116.70	-336.02	156.68	434.92	420.33	14.59	29.816		
1,600.00	1,576.74	1,516.08	1,483.56	7.99	7.91	116.46	-356.38	175.50	464.85	449.40	15.46	30.072		
1,700.00	1,674.38	1,611.48	1,574.85	8.45	8.41	116.26	-376.73	194.31	494.80	478.45	16.34	30.274		
1,800.00	1,772.02	1,706.88	1,666.13	8.92	8.92	116.08	-397.08	213.12	524.75	507.50	17.24	30.432		
1,900.00	1,869.65	1,802.28	1,757.41	9.39	9.44	115.92	-417.44	231.94	554.70	536.55	18.15	30.557		
2,000.00	1,967.29	1,902.32	1,848.70	9.87	9.98	115.77	-437.79	250.75	584.65	565.56	19.10	30.618		
2,100.00	2,064.93	2,006.93	1,939.98	10.35	10.56	115.64	-458.14	269.57	614.61	594.54	20.07	30.625		
2,200.00	2,162.56	2,088.47	2,031.26	10.83	11.01	115.53	-478.49	288.38	644.57	623.64	20.93	30.792		
2,300.00	2,260.20	2,183.87	2,122.54	11.32	11.54	115.42	-498.85	307.19	674.54	652.67	21.87	30.839		
2,400.00	2,357.84	2,279.27	2,213.83	11.80	12.08	115.32	-519.20	326.01	704.50	681.69	22.82	30.874		
2,500.00	2,455.48	2,374.67	2,305.11	12.29	12.61	115.23	-539.55	344.82	734.47	710.70	23.77	30.901		
2,600.00	2,553.11	2,470.06	2,396.39	12.78	13.15	115.15	-559.91	363.64	764.44	739.72	24.72	30.921		
2,700.00	2,650.75	2,565.46	2,487.68	13.27	13.69	115.07	-580.26	382.45	794.41	768.73	25.68	30.935		
2,800.00	2,748.39	2,660.86	2,578.96	13.77	14.24	115.00	-600.61	401.26	824.38	797.74	26.64	30.944		
2,900.00	2,846.02	2,756.26	2,670.24	14.26	14.78	114.93	-620.96	420.08	854.36	826.75	27.61	30.949		
3,000.00	2,943.66	2,851.66	2,761.52	14.76	15.32	114.87	-641.32	438.89	884.33	855.76	28.57	30.951		
3,100.00	3,041.30	2,947.05	2,852.81	15.25	15.87	114.81	-661.67	457.71	914.31	884.76	29.54	30.950		
3,200.00	3,138.94	3,042.45	2,944.09	15.75	16.42	114.76	-682.02	476.52	944.28	913.77	30.51	30.948		
3,300.00	3,236.57	3,137.85	3,035.37	16.25	16.97	114.71	-702.38	495.33	974.26	942.77	31.49	30.943		
3,400.00	3,334.21	3,233.25	3,126.66	16.75	17.52	114.66	-722.73	514.15	1,004.23	971.77	32.46	30.937		
3,500.00	3,431.85	3,328.65	3,217.94	17.25	18.07	114.61	-743.08	532.96	1,034.21	1,000.77	33.44	30.930		
3,600.00	3,529.48	3,424.04	3,309.22	17.75	18.62	114.57	-763.43	551.77	1,064.19	1,029.77	34.42	30.922		
3,700.00	3,627.12	3,519.44	3,400.50	18.25	19.17	114.53	-783.79	570.59	1,094.17	1,058.77	35.39	30.914		
3,800.00	3,724.76	3,614.84	3,491.79	18.75	19.73	114.49	-804.14	589.40	1,124.15	1,087.77	36.38	30.904		
3,900.00	3,822.40	3,710.24	3,583.07	19.25	20.28	114.46	-824.49	608.22	1,154.13	1,116.77	37.36	30.895		
4,000.00	3,920.03	3,805.63	3,674.35	19.75	20.83	114.42	-844.84	627.03	1,184.11	1,145.77	38.34	30.884		
4,100.00	4,017.67	3,901.03	3,765.64	20.25	21.39	114.39	-865.20	645.84	1,214.09	1,174.76	39.32	30.874		
4,200.00	4,115.31	4,003.57	3,856.92	20.76	21.98	114.36	-885.55	664.66	1,244.07	1,203.72	40.35	30.834		
4,300.00	4,212.94	4,108.17	3,948.20	21.26	22.59	114.33	-905.90	683.47	1,274.05	1,232.67	41.38	30.788		
4,400.00	4,310.58	4,187.23	4,039.48	21.76	23.05	114.30	-926.26	702.29	1,304.03	1,261.75	42.28	30.842		
4,500.00	4,408.22	4,282.62	4,130.77	22.27	23.61	114.27	-946.61	721.10	1,334.01	1,290.74	43.27	30.831		
4,600.00	4,505.86	4,378.02	4,222.05	22.77	24.16	114.25	-966.96	739.91	1,363.99	1,319.74	44.26	30.820		
4,700.00	4,603.49	4,473.42	4,313.33	23.28	24.72	114.22	-987.31	758.73	1,393.97	1,348.73	45.25	30.809		
4,800.00	4,701.13	4,568.82	4,404.62	23.78	25.28	114.20	-1,007.67	777.54	1,423.96	1,377.72	46.23	30.799		
4,900.00	4,798.77	4,664.22	4,495.90	24.28	25.83	114.18	-1,028.02	796.36	1,453.94	1,406.71	47.22	30.788		
5,000.00	4,896.40	4,759.61	4,587.18	24.79	26.39	114.15	-1,048.37	815.17	1,483.92	1,435.71	48.21	30.777		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	4,855.01	4,678.47	25.30	26.95	114.13	-1,068.73	833.98	1,513.90	1,464.70	49.21	30.767		
5,200.00	5,091.68	4,950.41	4,769.75	25.80	27.51	114.11	-1,089.08	852.80	1,543.89	1,493.69	50.20	30.756		
5,300.00	5,189.32	5,045.81	4,861.03	26.31	28.06	114.09	-1,109.43	871.61	1,573.87	1,522.68	51.19	30.746		
5,400.00	5,286.95	5,141.21	4,952.31	26.81	28.62	114.08	-1,129.78	890.43	1,603.85	1,551.67	52.18	30.736		
5,500.00	5,384.59	5,236.60	5,043.60	27.32	29.18	114.06	-1,150.14	909.24	1,633.84	1,580.66	53.17	30.726		
5,600.00	5,482.23	5,332.00	5,134.88	27.82	29.74	114.04	-1,170.49	928.05	1,663.82	1,609.65	54.17	30.716		
5,700.00	5,579.87	5,427.40	5,226.16	28.33	30.30	114.02	-1,190.84	946.87	1,693.80	1,638.64	55.16	30.706		
5,800.00	5,677.50	5,522.80	5,317.45	28.84	30.86	114.01	-1,211.20	965.68	1,723.79	1,667.63	56.16	30.696		
5,900.00	5,775.14	5,618.20	5,408.73	29.34	31.42	113.99	-1,231.55	984.50	1,753.77	1,696.62	57.15	30.687		
6,000.00	5,872.78	5,713.59	5,500.01	29.85	31.97	113.98	-1,251.90	1,003.31	1,783.76	1,725.61	58.15	30.678		
6,100.00	5,970.41	5,808.99	5,591.29	30.36	32.53	113.96	-1,272.25	1,022.12	1,813.74	1,754.60	59.14	30.668		
6,200.00	6,068.05	5,904.39	5,682.58	30.86	33.09	113.95	-1,292.61	1,040.94	1,843.72	1,783.59	60.14	30.659		
6,300.00	6,165.69	5,999.79	5,773.86	31.37	33.65	113.94	-1,312.96	1,059.75	1,873.71	1,812.58	61.13	30.650		
6,400.00	6,263.33	6,095.19	5,865.14	31.88	34.21	113.92	-1,333.31	1,078.57	1,903.69	1,841.56	62.13	30.642		
6,500.00	6,360.96	6,209.42	5,956.43	32.38	34.88	113.91	-1,353.67	1,097.38	1,933.68	1,870.45	63.23	30.584		
6,600.00	6,458.60	6,285.98	6,047.71	32.89	35.33	113.90	-1,374.02	1,116.19	1,963.66	1,899.54	64.12	30.624		
6,628.42	6,486.35	6,313.10	6,073.65	33.04	35.49	113.89	-1,379.80	1,121.54	1,972.18	1,907.78	64.40	30.622		
6,650.00	6,507.49	6,333.67	6,093.34	33.14	35.61	118.80	-1,384.19	1,125.60	1,978.66	1,914.04	64.62	30.622		
6,700.00	6,556.88	6,381.20	6,138.82	33.37	35.89	137.82	-1,394.33	1,134.97	1,993.68	1,928.60	65.08	30.632		
6,750.00	6,606.60	6,428.26	6,183.85	33.58	36.17	177.62	-1,404.37	1,144.25	2,008.67	1,943.15	65.52	30.658		
6,800.00	6,656.35	6,474.57	6,228.17	33.76	36.44	-139.01	-1,414.25	1,153.39	2,023.57	1,957.64	65.93	30.694		
6,850.00	6,705.83	6,519.86	6,271.49	33.94	36.71	-117.50	-1,423.91	1,162.32	2,038.36	1,972.05	66.32	30.738		
6,900.00	6,754.72	6,563.82	6,313.56	34.12	36.96	-107.13	-1,433.29	1,170.99	2,053.04	1,986.35	66.69	30.784		
6,950.00	6,802.72	6,606.20	6,354.12	34.31	37.21	-101.18	-1,442.34	1,179.35	2,067.59	2,000.54	67.06	30.833		
7,000.00	6,849.54	6,646.72	6,392.90	34.50	37.45	-97.27	-1,450.99	1,187.25	2,082.05	2,014.64	67.41	30.885		
7,050.00	6,894.89	6,687.28	6,432.04	34.71	37.67	-94.46	-1,459.73	1,193.31	2,096.42	2,028.64	67.77	30.932		
7,100.00	6,938.49	6,729.35	6,472.93	34.93	37.88	-92.30	-1,468.89	1,196.88	2,110.63	2,042.47	68.16	30.967		
7,150.00	6,980.07	6,773.22	6,515.72	35.17	38.07	-90.60	-1,478.51	1,197.64	2,124.63	2,056.06	68.57	30.984		
7,200.00	7,019.38	6,819.23	6,560.53	35.43	38.24	-89.23	-1,488.61	1,195.20	2,138.33	2,069.31	69.02	30.981		
7,250.00	7,056.17	6,867.83	6,607.54	35.71	38.40	-88.13	-1,499.24	1,189.03	2,151.67	2,082.16	69.51	30.953		
7,300.00	7,090.21	6,919.54	6,656.88	36.03	38.55	-87.25	-1,510.44	1,178.45	2,164.57	2,094.51	70.06	30.895		
7,350.00	7,121.30	6,974.99	6,708.67	36.37	38.70	-86.57	-1,522.24	1,162.58	2,176.94	2,106.26	70.68	30.801		
7,400.00	7,149.25	7,034.95	6,762.91	36.75	38.86	-86.07	-1,534.65	1,140.29	2,188.68	2,117.31	71.36	30.669		
7,450.00	7,173.87	7,100.33	6,819.42	37.17	39.03	-85.76	-1,547.65	1,110.15	2,199.67	2,127.53	72.13	30.494		
7,500.00	7,195.03	7,172.17	6,877.66	37.62	39.23	-85.63	-1,561.12	1,070.37	2,209.78	2,136.78	73.01	30.268		
7,550.00	7,212.58	7,251.58	6,936.47	38.11	39.48	-85.65	-1,574.84	1,018.88	2,218.87	2,144.87	74.00	29.985		
7,600.00	7,226.43	7,339.62	6,993.78	38.64	39.81	-85.82	-1,588.35	953.53	2,226.73	2,151.57	75.16	29.627		
7,650.00	7,236.48	7,437.01	7,046.25	39.20	40.27	-86.09	-1,600.92	872.56	2,233.16	2,156.63	76.54	29.178		
7,700.00	7,242.68	7,543.76	7,089.16	39.79	40.91	-86.42	-1,611.49	775.52	2,237.94	2,159.74	78.19	28.620		
7,753.32	7,245.00	7,666.53	7,118.16	40.44	41.86	-86.76	-1,619.14	656.68	2,240.94	2,160.63	80.31	27.904		
7,800.00	7,245.08	7,767.56	7,125.02	41.04	42.80	-86.93	-1,621.63	556.01	2,241.91	2,159.67	82.24	27.261		
7,900.00	7,245.26	7,867.56	7,125.26	42.43	43.90	-86.93	-1,622.64	456.02	2,242.99	2,157.99	85.00	26.390		
8,000.00	7,245.43	7,967.55	7,125.50	43.97	45.17	-86.94	-1,623.64	356.03	2,244.06	2,156.04	88.02	25.494		
8,100.00	7,245.61	8,067.55	7,125.74	45.64	46.61	-86.94	-1,624.64	256.04	2,245.14	2,153.83	91.30	24.589		
8,200.00	7,245.79	8,167.54	7,125.98	47.42	48.19	-86.94	-1,625.64	156.05	2,246.21	2,151.39	94.82	23.690		
8,300.00	7,245.97	8,267.54	7,126.22	49.30	49.91	-86.95	-1,626.64	56.06	2,247.29	2,148.75	98.54	22.806		
8,400.00	7,246.14	8,367.53	7,126.46	51.28	51.73	-86.95	-1,627.64	-43.93	2,248.36	2,145.92	102.44	21.948		
8,500.00	7,246.32	8,467.52	7,126.70	53.34	53.66	-86.95	-1,628.64	-143.92	2,249.43	2,142.93	106.51	21.120		
8,600.00	7,246.50	8,567.52	7,126.94	55.46	55.68	-86.96	-1,629.65	-243.90	2,250.51	2,139.79	110.72	20.327		
8,700.00	7,246.67	8,667.51	7,127.18	57.66	57.78	-86.96	-1,630.65	-343.89	2,251.58	2,136.52	115.06	19.569		
8,800.00	7,246.85	8,767.51	7,127.42	59.90	59.94	-86.96	-1,631.65	-443.88	2,252.66	2,133.14	119.51	18.849		
8,900.00	7,247.03	8,867.50	7,127.66	62.20	62.17	-86.96	-1,632.65	-543.87	2,253.73	2,129.66	124.07	18.165		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	8,967.49	7,127.90	64.55	64.45	-86.97	-1,633.65	-643.86	2,254.80	2,126.08	128.72	17.517		
9,100.00	7,247.38	9,067.49	7,128.14	66.93	66.77	-86.97	-1,634.65	-743.85	2,255.88	2,122.43	133.45	16.904		
9,200.00	7,247.56	9,167.48	7,128.38	69.35	69.14	-86.97	-1,635.65	-843.84	2,256.95	2,118.69	138.26	16.324		
9,300.00	7,247.74	9,267.48	7,128.62	71.80	71.55	-86.98	-1,636.66	-943.83	2,258.03	2,114.90	143.13	15.776		
9,400.00	7,247.91	9,367.47	7,128.86	74.29	73.98	-86.98	-1,637.66	-1,043.82	2,259.10	2,111.04	148.06	15.258		
9,500.00	7,248.09	9,467.47	7,129.10	76.79	76.45	-86.98	-1,638.66	-1,143.80	2,260.18	2,107.13	153.05	14.768		
9,600.00	7,248.27	9,567.46	7,129.34	79.33	78.95	-86.99	-1,639.66	-1,243.79	2,261.25	2,103.16	158.09	14.304		
9,700.00	7,248.45	9,667.45	7,129.58	81.88	81.47	-86.99	-1,640.66	-1,343.78	2,262.32	2,099.16	163.17	13.865		
9,800.00	7,248.62	9,767.45	7,129.82	84.45	84.01	-86.99	-1,641.66	-1,443.77	2,263.40	2,095.11	168.29	13.450		
9,900.00	7,248.80	9,867.44	7,130.06	87.04	86.58	-87.00	-1,642.67	-1,543.76	2,264.47	2,091.03	173.44	13.056		
10,000.00	7,248.98	9,967.44	7,130.30	89.65	89.16	-87.00	-1,643.67	-1,643.75	2,265.55	2,086.91	178.63	12.683		
10,100.00	7,249.15	10,067.43	7,130.54	92.28	91.76	-87.00	-1,644.67	-1,743.74	2,266.62	2,082.77	183.85	12.328		
10,200.00	7,249.33	10,167.42	7,130.78	94.91	94.37	-87.00	-1,645.67	-1,843.73	2,267.70	2,078.59	189.10	11.992		
10,300.00	7,249.51	10,267.42	7,131.02	97.56	97.00	-87.01	-1,646.67	-1,943.72	2,268.77	2,074.39	194.38	11.672		
10,400.00	7,249.69	10,367.41	7,131.26	100.22	99.64	-87.01	-1,647.67	-2,043.70	2,269.84	2,070.16	199.68	11.367		
10,500.00	7,249.86	10,467.41	7,131.50	102.89	102.29	-87.01	-1,648.67	-2,143.69	2,270.92	2,065.92	205.00	11.078		
10,600.00	7,250.04	10,567.40	7,131.74	105.57	104.95	-87.02	-1,649.68	-2,243.68	2,271.99	2,061.65	210.34	10.801		
10,700.00	7,250.22	10,667.40	7,131.98	108.27	107.63	-87.02	-1,650.68	-2,343.67	2,273.07	2,057.36	215.70	10.538		
10,800.00	7,250.39	10,767.39	7,132.22	110.96	110.31	-87.02	-1,651.68	-2,443.66	2,274.14	2,053.06	221.08	10.286		
10,900.00	7,250.57	10,867.38	7,132.46	113.67	113.00	-87.03	-1,652.68	-2,543.65	2,275.22	2,048.74	226.48	10.046		
11,000.00	7,250.75	10,967.38	7,132.70	116.39	115.70	-87.03	-1,653.68	-2,643.64	2,276.29	2,044.40	231.89	9.816		
11,100.00	7,250.93	11,067.37	7,132.94	119.11	118.41	-87.03	-1,654.68	-2,743.63	2,277.36	2,040.06	237.31	9.597		
11,200.00	7,251.10	11,167.37	7,133.17	121.83	121.12	-87.03	-1,655.68	-2,843.61	2,278.44	2,035.69	242.75	9.386		
11,300.00	7,251.28	11,267.36	7,133.41	124.57	123.84	-87.04	-1,656.69	-2,943.60	2,279.51	2,031.32	248.20	9.184		
11,400.00	7,251.46	11,367.35	7,133.65	127.31	126.57	-87.04	-1,657.69	-3,043.59	2,280.59	2,026.93	253.66	8.991		
11,500.00	7,251.63	11,467.35	7,133.89	130.05	129.30	-87.04	-1,658.69	-3,143.58	2,281.66	2,022.53	259.13	8.805		
11,600.00	7,251.81	11,567.34	7,134.13	132.80	132.04	-87.05	-1,659.69	-3,243.57	2,282.74	2,018.13	264.61	8.627		
11,700.00	7,251.99	11,667.34	7,134.37	135.55	134.78	-87.05	-1,660.69	-3,343.56	2,283.81	2,013.71	270.10	8.455		
11,800.00	7,252.17	11,767.33	7,134.61	138.31	137.53	-87.05	-1,661.69	-3,443.55	2,284.88	2,009.29	275.60	8.291		
11,900.00	7,252.34	11,867.33	7,134.85	141.07	140.28	-87.05	-1,662.70	-3,543.54	2,285.96	2,004.85	281.11	8.132		
12,000.00	7,252.52	11,967.32	7,135.09	143.84	143.04	-87.06	-1,663.70	-3,643.53	2,287.03	2,000.41	286.62	7.979		
12,100.00	7,252.70	12,067.31	7,135.33	146.61	145.80	-87.06	-1,664.70	-3,743.51	2,288.11	1,995.96	292.15	7.832		
12,200.00	7,252.87	12,167.31	7,135.57	149.38	148.56	-87.06	-1,665.70	-3,843.50	2,289.18	1,991.50	297.68	7.690		
12,300.00	7,253.05	12,267.30	7,135.81	152.16	151.33	-87.07	-1,666.70	-3,943.49	2,290.26	1,987.04	303.22	7.553		
12,400.00	7,253.23	12,367.30	7,136.05	154.94	154.10	-87.07	-1,667.70	-4,043.48	2,291.33	1,982.57	308.76	7.421		
12,500.00	7,253.41	12,467.29	7,136.29	157.72	156.87	-87.07	-1,668.70	-4,143.47	2,292.41	1,978.10	314.31	7.293		
12,600.00	7,253.58	12,567.28	7,136.53	160.51	159.65	-87.08	-1,669.71	-4,243.46	2,293.48	1,973.62	319.86	7.170		
12,700.00	7,253.76	12,667.28	7,136.77	163.29	162.42	-87.08	-1,670.71	-4,343.45	2,294.55	1,969.13	325.42	7.051		
12,800.00	7,253.94	12,767.27	7,137.01	166.08	165.21	-87.08	-1,671.71	-4,443.44	2,295.63	1,964.64	330.99	6.936		
12,900.00	7,254.11	12,867.27	7,137.25	168.88	167.99	-87.08	-1,672.71	-4,543.43	2,296.70	1,960.14	336.56	6.824		
13,000.00	7,254.29	12,967.26	7,137.49	171.67	170.78	-87.09	-1,673.71	-4,643.41	2,297.78	1,955.64	342.14	6.716		
13,100.00	7,254.47	13,067.26	7,137.73	174.47	173.57	-87.09	-1,674.71	-4,743.40	2,298.85	1,951.14	347.72	6.611		
13,200.00	7,254.65	13,167.25	7,137.97	177.27	176.36	-87.09	-1,675.71	-4,843.39	2,299.93	1,946.63	353.30	6.510		
13,300.00	7,254.82	13,267.24	7,138.21	180.07	179.15	-87.10	-1,676.72	-4,943.38	2,301.00	1,942.11	358.89	6.411		
13,400.00	7,255.00	13,367.24	7,138.45	182.87	181.95	-87.10	-1,677.72	-5,043.37	2,302.08	1,937.60	364.48	6.316		
13,500.00	7,255.18	13,467.23	7,138.69	185.67	184.74	-87.10	-1,678.72	-5,143.36	2,303.15	1,933.08	370.07	6.223		
13,600.00	7,255.35	13,567.23	7,138.93	188.48	187.54	-87.10	-1,679.72	-5,243.35	2,304.22	1,928.55	375.67	6.134		
13,700.00	7,255.53	13,667.22	7,139.17	191.29	190.34	-87.11	-1,680.72	-5,343.34	2,305.30	1,924.02	381.28	6.046		
13,800.00	7,255.71	13,767.21	7,139.41	194.10	193.15	-87.11	-1,681.72	-5,443.33	2,306.37	1,919.49	386.88	5.961		
13,900.00	7,255.89	13,867.21	7,139.65	196.91	195.95	-87.11	-1,682.72	-5,543.31	2,307.45	1,914.96	392.49	5.879		
14,000.00	7,256.06	13,967.20	7,139.89	199.72	198.76	-87.12	-1,683.73	-5,643.30	2,308.52	1,910.42	398.10	5.799		
14,100.00	7,256.24	14,067.20	7,140.13	202.53	201.56	-87.12	-1,684.73	-5,743.29	2,309.60	1,905.88	403.71	5.721		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,200.00	7,256.42	14,167.19	7,140.37	205.35	204.37	-87.12	-1,685.73	-5,843.28	2,310.67	1,901.34	409.33	5.645		
14,300.00	7,256.59	14,267.19	7,140.61	208.16	207.18	-87.13	-1,686.73	-5,943.27	2,311.75	1,896.80	414.95	5.571		
14,400.00	7,256.77	14,367.18	7,140.85	210.98	209.99	-87.13	-1,687.73	-6,043.26	2,312.82	1,892.25	420.57	5.499		
14,500.00	7,256.95	14,467.17	7,141.09	213.80	212.80	-87.13	-1,688.73	-6,143.25	2,313.90	1,887.70	426.20	5.429		
14,600.00	7,257.13	14,567.17	7,141.33	216.62	215.62	-87.13	-1,689.74	-6,243.24	2,314.97	1,883.15	431.82	5.361		
14,700.00	7,257.30	14,667.16	7,141.57	219.44	218.43	-87.14	-1,690.74	-6,343.22	2,316.04	1,878.59	437.45	5.294		
14,800.00	7,257.48	14,767.16	7,141.81	222.26	221.25	-87.14	-1,691.74	-6,443.21	2,317.12	1,874.04	443.08	5.230		
14,900.00	7,257.66	14,867.15	7,142.05	225.08	224.06	-87.14	-1,692.74	-6,543.20	2,318.19	1,869.48	448.72	5.166		
15,000.00	7,257.83	14,967.14	7,142.29	227.91	226.88	-87.15	-1,693.74	-6,643.19	2,319.27	1,864.92	454.35	5.105		
15,100.00	7,258.01	15,067.14	7,142.53	230.73	229.70	-87.15	-1,694.74	-6,743.18	2,320.34	1,860.35	459.99	5.044		
15,200.00	7,258.19	15,167.13	7,142.77	233.56	232.52	-87.15	-1,695.74	-6,843.17	2,321.42	1,855.79	465.63	4.986		
15,300.00	7,258.37	15,267.13	7,143.01	236.38	235.34	-87.15	-1,696.75	-6,943.16	2,322.49	1,851.23	471.27	4.928		
15,400.00	7,258.54	15,367.12	7,143.25	239.21	238.16	-87.16	-1,697.75	-7,043.15	2,323.57	1,846.66	476.91	4.872		
15,500.00	7,258.72	15,467.11	7,143.48	242.04	240.98	-87.16	-1,698.75	-7,143.14	2,324.64	1,842.09	482.55	4.817		
15,600.00	7,258.90	15,567.11	7,143.72	244.87	243.81	-87.16	-1,699.75	-7,243.12	2,325.72	1,837.52	488.20	4.764		
15,700.00	7,259.08	15,667.10	7,143.96	247.70	246.63	-87.17	-1,700.75	-7,343.11	2,326.79	1,832.95	493.84	4.712		
15,800.00	7,259.25	15,767.10	7,144.20	250.53	249.45	-87.17	-1,701.75	-7,443.10	2,327.86	1,828.37	499.49	4.660		
15,900.00	7,259.43	15,867.09	7,144.44	253.36	252.28	-87.17	-1,702.75	-7,543.09	2,328.94	1,823.80	505.14	4.610		
16,000.00	7,259.61	15,967.09	7,144.68	256.19	255.10	-87.17	-1,703.76	-7,643.08	2,330.01	1,819.22	510.79	4.562		
16,100.00	7,259.78	16,067.08	7,144.92	259.02	257.93	-87.18	-1,704.76	-7,743.07	2,331.09	1,814.64	516.45	4.514		
16,200.00	7,259.96	16,167.07	7,145.16	261.85	260.76	-87.18	-1,705.76	-7,843.06	2,332.16	1,810.06	522.10	4.467		
16,300.00	7,260.14	16,267.07	7,145.40	264.68	263.59	-87.18	-1,706.76	-7,943.05	2,333.24	1,805.48	527.75	4.421		
16,400.00	7,260.32	16,367.06	7,145.64	267.52	266.41	-87.19	-1,707.76	-8,043.04	2,334.31	1,800.90	533.41	4.376		
16,500.00	7,260.49	16,467.06	7,145.88	270.35	269.24	-87.19	-1,708.76	-8,143.02	2,335.39	1,796.32	539.07	4.332		
16,600.00	7,260.67	16,567.05	7,146.12	273.19	272.07	-87.19	-1,709.77	-8,243.01	2,336.46	1,791.74	544.73	4.289		
16,700.00	7,260.85	16,667.04	7,146.36	276.02	274.90	-87.19	-1,710.77	-8,343.00	2,337.54	1,787.15	550.39	4.247		
16,800.00	7,261.02	16,767.04	7,146.60	278.86	277.73	-87.20	-1,711.77	-8,442.99	2,338.61	1,782.56	556.05	4.206		
16,900.00	7,261.20	16,867.03	7,146.84	281.69	280.56	-87.20	-1,712.77	-8,542.98	2,339.69	1,777.98	561.71	4.165		
17,000.00	7,261.38	16,967.03	7,147.08	284.53	283.40	-87.20	-1,713.77	-8,642.97	2,340.76	1,773.39	567.37	4.126		
17,100.00	7,261.56	17,067.02	7,147.32	287.37	286.23	-87.20	-1,714.77	-8,742.96	2,341.84	1,768.80	573.03	4.087		
17,200.00	7,261.73	17,167.02	7,147.56	290.21	289.06	-87.21	-1,715.77	-8,842.95	2,342.91	1,764.21	578.70	4.049		
17,300.00	7,261.91	17,267.01	7,147.80	293.04	291.89	-87.21	-1,716.78	-8,942.94	2,343.98	1,759.62	584.36	4.011		
17,400.00	7,262.09	17,367.00	7,148.04	295.88	294.73	-87.21	-1,717.78	-9,042.92	2,345.06	1,755.03	590.03	3.974		
17,500.00	7,262.26	17,467.00	7,148.28	298.72	297.56	-87.22	-1,718.78	-9,142.91	2,346.13	1,750.43	595.70	3.938		
17,600.00	7,262.44	17,566.99	7,148.52	301.56	300.40	-87.22	-1,719.78	-9,242.90	2,347.21	1,745.84	601.37	3.903		
17,700.00	7,262.62	17,666.99	7,148.76	304.40	303.23	-87.22	-1,720.78	-9,342.89	2,348.28	1,741.25	607.04	3.868		
17,800.00	7,262.80	17,766.98	7,149.00	307.24	306.07	-87.22	-1,721.78	-9,442.88	2,349.36	1,736.65	612.71	3.834		
17,900.00	7,262.97	17,866.97	7,149.24	310.08	308.90	-87.23	-1,722.78	-9,542.87	2,350.43	1,732.06	618.38	3.801		
18,000.00	7,263.15	17,966.97	7,149.48	312.92	311.74	-87.23	-1,723.79	-9,642.86	2,351.51	1,727.46	624.05	3.768		
18,100.00	7,263.33	18,066.96	7,149.72	315.76	314.58	-87.23	-1,724.79	-9,742.85	2,352.58	1,722.86	629.72	3.736		
18,200.00	7,263.50	18,166.96	7,149.96	318.61	317.41	-87.24	-1,725.79	-9,842.83	2,353.66	1,718.26	635.39	3.704		
18,300.00	7,263.68	18,266.95	7,150.20	321.45	320.25	-87.24	-1,726.79	-9,942.82	2,354.73	1,713.66	641.07	3.673		
18,400.00	7,263.86	18,366.95	7,150.44	324.29	323.09	-87.24	-1,727.79	-10,042.81	2,355.81	1,709.07	646.74	3.643		
18,500.00	7,264.04	18,466.94	7,150.68	327.13	325.93	-87.24	-1,728.79	-10,142.80	2,356.88	1,704.47	652.42	3.613		
18,600.00	7,264.21	18,566.93	7,150.92	329.97	328.76	-87.25	-1,729.80	-10,242.79	2,357.96	1,699.86	658.09	3.583		
18,700.00	7,264.39	18,666.93	7,151.16	332.82	331.60	-87.25	-1,730.80	-10,342.78	2,359.03	1,695.26	663.77	3.554		
18,800.00	7,264.57	18,766.92	7,151.40	335.66	334.44	-87.25	-1,731.80	-10,442.77	2,360.11	1,690.66	669.44	3.525		
18,900.00	7,264.74	18,866.92	7,151.64	338.51	337.28	-87.26	-1,732.80	-10,542.76	2,361.18	1,686.06	675.12	3.497		
19,000.00	7,264.92	18,966.91	7,151.88	341.35	340.12	-87.26	-1,733.80	-10,642.75	2,362.26	1,681.45	680.80	3.470		
19,044.52	7,265.00	19,011.43	7,151.98	342.62	341.38	-87.26	-1,734.25	-10,687.26	2,362.73	1,679.41	683.33	3.458 SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-209.84	-1.95	209.85					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-209.84	-1.95	209.85	203.28	6.57	31.943		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-209.84	-1.95	209.85	203.17	6.67	31.442 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	115.39	-209.84	-1.95	210.59	203.70	6.89	30.571		
400.00	399.84	393.94	393.92	3.60	3.59	116.30	-211.16	-1.16	214.26	207.07	7.19	29.783		
500.00	499.45	487.52	487.39	3.81	3.76	117.41	-215.12	1.18	222.33	214.73	7.59	29.291		
600.00	598.70	580.45	580.01	4.06	3.97	118.63	-221.64	5.04	234.81	226.74	8.07	29.112		
700.00	697.47	672.48	671.43	4.34	4.22	119.86	-230.65	10.36	251.72	243.12	8.61	29.250		
800.00	795.62	763.33	761.31	4.66	4.48	121.04	-242.02	17.08	273.04	263.84	9.20	29.682		
824.00	819.08	784.93	782.62	4.75	4.55	121.30	-245.08	18.90	278.80	269.45	9.35	29.820		
900.00	893.28	852.97	849.54	5.02	4.77	122.28	-255.63	25.14	298.18	288.35	9.83	30.327		
1,000.00	990.92	941.64	936.29	5.40	5.09	123.11	-271.43	34.48	325.78	315.29	10.49	31.060		
1,100.00	1,088.56	1,029.21	1,021.36	5.80	5.43	123.50	-289.29	45.04	355.65	344.47	11.18	31.823		
1,200.00	1,186.19	1,115.54	1,104.57	6.21	5.79	123.55	-309.08	56.75	387.69	375.81	11.88	32.635		
1,300.00	1,283.83	1,200.50	1,185.75	6.64	6.17	123.36	-330.66	69.51	421.85	409.25	12.60	33.492		
1,400.00	1,381.47	1,283.99	1,264.75	7.08	6.57	122.98	-353.87	83.23	458.09	444.77	13.32	34.388		
1,500.00	1,479.10	1,365.89	1,341.47	7.53	6.99	122.46	-378.55	97.83	496.39	482.34	14.05	35.329		
1,600.00	1,576.74	1,446.13	1,415.80	7.99	7.42	121.84	-404.56	113.21	536.72	521.94	14.78	36.318		
1,700.00	1,674.38	1,531.65	1,494.25	8.45	7.91	121.13	-433.87	130.55	578.76	563.19	15.57	37.176		
1,800.00	1,772.02	1,622.05	1,577.09	8.92	8.44	120.47	-465.02	148.97	621.04	604.62	16.42	37.819		
1,900.00	1,869.65	1,712.45	1,659.93	9.39	8.99	119.89	-496.17	167.39	663.38	646.09	17.29	38.367		
2,000.00	1,967.29	1,802.85	1,742.77	9.87	9.55	119.38	-527.32	185.81	705.78	687.60	18.17	38.835		
2,100.00	2,064.93	1,893.25	1,825.61	10.35	10.12	118.93	-558.47	204.24	748.21	729.14	19.07	39.238		
2,200.00	2,162.56	1,983.65	1,908.45	10.83	10.70	118.52	-589.62	222.66	790.68	770.71	19.97	39.586		
2,300.00	2,260.20	2,074.05	1,991.29	11.32	11.29	118.16	-620.77	241.08	833.18	812.29	20.89	39.889		
2,400.00	2,357.84	2,164.45	2,074.13	11.80	11.88	117.83	-651.92	259.50	875.70	853.89	21.81	40.153		
2,500.00	2,455.48	2,254.85	2,156.96	12.29	12.48	117.53	-683.07	277.92	918.24	895.51	22.74	40.385		
2,600.00	2,553.11	2,345.25	2,239.80	12.78	13.08	117.26	-714.22	296.35	960.81	937.14	23.67	40.589		
2,700.00	2,650.75	2,435.65	2,322.64	13.27	13.68	117.01	-745.37	314.77	1,003.39	978.78	24.61	40.770		
2,800.00	2,748.39	2,526.05	2,405.48	13.77	14.29	116.78	-776.52	333.19	1,045.98	1,020.42	25.56	40.930		
2,900.00	2,846.02	2,616.45	2,488.32	14.26	14.90	116.57	-807.67	351.61	1,088.58	1,062.08	26.50	41.074		
3,000.00	2,943.66	2,706.85	2,571.16	14.76	15.51	116.38	-838.83	370.04	1,131.20	1,103.75	27.46	41.202		
3,100.00	3,041.30	2,802.75	2,654.00	15.25	16.17	116.20	-869.98	388.46	1,173.83	1,145.39	28.44	41.270		
3,200.00	3,138.94	2,887.65	2,736.84	15.75	16.75	116.03	-901.13	406.88	1,216.46	1,187.09	29.37	41.420		
3,300.00	3,236.57	2,978.05	2,819.68	16.25	17.36	115.87	-932.28	425.30	1,259.11	1,228.78	30.33	41.513		
3,400.00	3,334.21	3,068.45	2,902.52	16.75	17.99	115.73	-963.43	443.73	1,301.76	1,270.46	31.29	41.598		
3,500.00	3,431.85	3,158.85	2,985.36	17.25	18.61	115.59	-994.58	462.15	1,344.42	1,312.16	32.26	41.674		
3,600.00	3,529.48	3,249.25	3,068.20	17.75	19.23	115.46	-1,025.73	480.57	1,387.08	1,353.85	33.23	41.744		
3,700.00	3,627.12	3,339.65	3,151.04	18.25	19.86	115.34	-1,056.88	498.99	1,429.75	1,395.55	34.20	41.808		
3,800.00	3,724.76	3,430.05	3,233.88	18.75	20.48	115.23	-1,088.03	517.41	1,472.42	1,437.25	35.17	41.866		
3,900.00	3,822.40	3,520.45	3,316.72	19.25	21.11	115.12	-1,119.18	535.84	1,515.10	1,478.96	36.14	41.919		
4,000.00	3,920.03	3,610.85	3,399.56	19.75	21.74	115.02	-1,150.33	554.26	1,557.78	1,520.66	37.12	41.968		
4,100.00	4,017.67	3,701.25	3,482.40	20.25	22.36	114.92	-1,181.48	572.68	1,600.47	1,562.37	38.09	42.013		
4,200.00	4,115.31	3,791.65	3,565.24	20.76	22.99	114.83	-1,212.63	591.10	1,643.16	1,604.08	39.07	42.054		
4,300.00	4,212.94	3,882.05	3,648.08	21.26	23.62	114.74	-1,243.78	609.53	1,685.85	1,645.80	40.05	42.093		
4,400.00	4,310.58	3,972.45	3,730.92	21.76	24.25	114.66	-1,274.93	627.95	1,728.54	1,687.51	41.03	42.128		
4,500.00	4,408.22	4,062.85	3,813.76	22.27	24.88	114.58	-1,306.08	646.37	1,771.24	1,729.23	42.01	42.161		
4,600.00	4,505.86	4,153.25	3,896.60	22.77	25.52	114.51	-1,337.23	664.79	1,813.94	1,770.95	42.99	42.191		
4,700.00	4,603.49	4,243.65	3,979.44	23.28	26.15	114.44	-1,368.38	683.21	1,856.65	1,812.67	43.98	42.219		
4,800.00	4,701.13	4,334.05	4,062.28	23.78	26.78	114.37	-1,399.53	701.64	1,899.35	1,854.39	44.96	42.245		
4,900.00	4,798.77	4,424.45	4,145.12	24.28	27.41	114.30	-1,430.68	720.06	1,942.06	1,896.11	45.95	42.269		
5,000.00	4,896.40	4,514.85	4,227.96	24.79	28.05	114.24	-1,461.83	738.48	1,984.77	1,937.84	46.93	42.292		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	4,605.25	4,310.80	25.30	28.68	114.18	-1,492.98	756.90	2,027.48	1,979.56	47.92	42.313		
5,200.00	5,091.68	4,704.35	4,393.64	25.80	29.38	114.12	-1,524.13	775.33	2,070.19	2,021.24	48.96	42.288		
5,300.00	5,189.32	4,786.05	4,476.48	26.31	29.95	114.07	-1,555.28	793.75	2,112.91	2,063.02	49.89	42.350		
5,400.00	5,286.95	4,876.45	4,559.32	26.81	30.59	114.02	-1,586.43	812.17	2,155.62	2,104.75	50.88	42.367		
5,500.00	5,384.59	4,966.85	4,642.16	27.32	31.22	113.97	-1,617.58	830.59	2,198.34	2,146.47	51.87	42.383		
5,600.00	5,482.23	5,057.25	4,725.00	27.82	31.86	113.92	-1,648.73	849.02	2,241.06	2,188.20	52.86	42.398		
5,700.00	5,579.87	5,147.65	4,807.84	28.33	32.49	113.87	-1,679.89	867.44	2,283.78	2,229.93	53.85	42.412		
5,800.00	5,677.50	5,238.05	4,890.68	28.84	33.13	113.83	-1,711.04	885.86	2,326.50	2,271.67	54.84	42.425		
5,900.00	5,775.14	5,328.45	4,973.52	29.34	33.76	113.78	-1,742.19	904.28	2,369.23	2,313.40	55.83	42.437		
6,000.00	5,872.78	5,418.85	5,056.36	29.85	34.40	113.74	-1,773.34	922.70	2,411.95	2,355.13	56.82	42.448		
6,100.00	5,970.41	5,509.25	5,139.20	30.36	35.04	113.70	-1,804.49	941.13	2,454.68	2,396.86	57.81	42.459		
6,200.00	6,068.05	5,600.35	5,222.04	30.86	35.68	113.66	-1,835.64	959.55	2,497.40	2,438.59	58.81	42.466		
6,300.00	6,165.69	5,709.95	5,304.88	31.37	36.45	113.62	-1,866.79	977.97	2,540.13	2,480.21	59.92	42.394		
6,400.00	6,263.33	5,780.45	5,387.72	31.88	36.95	113.59	-1,897.94	996.39	2,582.86	2,522.06	60.79	42.487		
6,500.00	6,360.96	5,870.85	5,470.56	32.38	37.58	113.55	-1,929.09	1,014.82	2,625.58	2,563.80	61.79	42.495		
6,600.00	6,458.60	5,961.25	5,553.40	32.89	38.22	113.52	-1,960.24	1,033.24	2,668.31	2,605.53	62.78	42.502		
6,628.42	6,486.35	5,986.95	5,576.94	33.04	38.40	113.51	-1,969.09	1,038.47	2,680.46	2,617.39	63.06	42.504		
6,650.00	6,507.49	6,006.44	5,594.81	33.14	38.54	118.72	-1,975.81	1,042.45	2,689.68	2,626.41	63.27	42.508		
6,700.00	6,556.88	6,051.41	5,636.02	33.37	38.86	138.47	-1,991.30	1,051.61	2,711.08	2,647.34	63.74	42.533		
6,750.00	6,606.60	6,104.12	5,676.76	33.58	39.23	179.01	-2,006.63	1,060.67	2,732.40	2,668.17	64.22	42.546		
6,800.00	6,656.35	6,139.57	5,716.80	33.76	39.48	-136.86	-2,021.68	1,069.58	2,753.54	2,688.97	64.58	42.640		
6,850.00	6,705.83	6,182.21	5,755.88	33.94	39.78	-114.59	-2,036.38	1,078.27	2,774.44	2,709.48	64.96	42.710		
6,900.00	6,754.72	6,223.55	5,793.76	34.12	40.07	-103.48	-2,050.62	1,086.69	2,795.01	2,729.69	65.33	42.784		
6,950.00	6,802.72	6,263.32	5,830.21	34.31	40.35	-96.80	-2,064.33	1,094.80	2,815.21	2,749.53	65.69	42.859		
7,000.00	6,849.54	6,301.29	5,865.00	34.50	40.62	-92.19	-2,077.41	1,102.53	2,834.99	2,768.96	66.03	42.934		
7,050.00	6,894.89	6,337.21	5,897.91	34.71	40.87	-88.72	-2,089.79	1,109.85	2,854.31	2,787.94	66.37	43.006		
7,100.00	6,938.49	6,370.86	5,928.76	34.93	41.11	-85.93	-2,101.38	1,116.71	2,873.15	2,806.45	66.70	43.076		
7,150.00	6,980.07	6,402.05	5,957.33	35.17	41.33	-83.59	-2,112.13	1,123.07	2,891.48	2,824.46	67.03	43.140		
7,200.00	7,019.38	6,430.57	5,983.47	35.43	41.53	-81.57	-2,121.96	1,128.88	2,909.29	2,841.94	67.35	43.196		
7,250.00	7,056.17	6,456.25	6,007.00	35.71	41.71	-79.78	-2,130.81	1,134.11	2,926.54	2,858.87	67.68	43.242		
7,300.00	7,090.21	6,478.93	6,027.79	36.03	41.87	-78.15	-2,138.62	1,138.73	2,943.24	2,875.23	68.01	43.276		
7,350.00	7,121.30	6,501.52	6,045.70	36.37	42.03	-76.65	-2,145.36	1,142.72	2,959.34	2,890.97	68.37	43.285		
7,400.00	7,149.25	6,514.76	6,060.62	36.75	42.13	-75.25	-2,150.97	1,146.04	2,974.84	2,906.13	68.70	43.300		
7,450.00	7,173.87	6,527.69	6,072.47	37.17	42.22	-73.93	-2,155.42	1,148.67	2,989.68	2,920.61	69.07	43.286		
7,500.00	7,195.03	6,537.18	6,081.16	37.62	42.29	-72.68	-2,158.69	1,150.60	3,003.85	2,934.40	69.45	43.254		
7,550.00	7,212.58	6,543.17	6,086.65	38.11	42.33	-71.48	-2,160.76	1,151.82	3,017.28	2,947.44	69.84	43.203		
7,600.00	7,226.43	6,545.63	6,088.90	38.64	42.35	-70.33	-2,161.60	1,152.33	3,029.94	2,959.70	70.24	43.135		
7,650.00	7,236.48	6,544.53	6,087.90	39.20	42.34	-69.24	-2,161.23	1,152.10	3,041.76	2,971.11	70.66	43.050		
7,700.00	7,242.68	6,539.90	6,083.65	39.79	42.31	-68.20	-2,159.63	1,151.16	3,052.68	2,981.61	71.07	42.952		
7,753.32	7,245.00	6,531.08	6,075.58	40.44	42.24	-67.15	-2,156.59	1,149.36	3,063.24	2,991.73	71.51	42.834		
7,800.00	7,245.08	6,521.63	6,066.92	41.04	42.18	-66.98	-2,153.34	1,147.44	3,072.30	3,000.39	71.91	42.722		
7,900.00	7,245.26	6,501.39	6,048.37	42.43	42.03	-66.60	-2,146.36	1,143.31	3,093.90	3,021.04	72.86	42.463		
8,000.00	7,245.43	6,085.21	6,960.62	43.97	49.71	-84.75	-2,484.23	320.45	3,114.42	3,023.82	90.60	34.376		
8,100.00	7,245.61	8,185.21	6,960.87	45.64	50.87	-84.75	-2,483.82	220.46	3,114.08	3,020.18	93.90	33.166		
8,200.00	7,245.79	8,285.21	6,961.12	47.42	52.21	-84.75	-2,483.41	120.46	3,113.74	3,016.33	97.41	31.964		
8,300.00	7,245.97	8,385.21	6,961.37	49.30	53.70	-84.75	-2,483.00	20.46	3,113.40	3,012.27	101.13	30.785		
8,400.00	7,246.14	8,485.21	6,961.62	51.28	55.34	-84.76	-2,482.59	-79.54	3,113.07	3,008.04	105.03	29.640		
8,500.00	7,246.32	8,585.21	6,961.88	53.34	57.10	-84.76	-2,482.18	-179.54	3,112.73	3,003.64	109.09	28.535		
8,600.00	7,246.50	8,685.21	6,962.13	55.46	58.98	-84.76	-2,481.77	-279.54	3,112.39	2,999.11	113.28	27.475		
8,700.00	7,246.67	8,785.21	6,962.38	57.66	60.96	-84.76	-2,481.36	-379.53	3,112.05	2,994.45	117.61	26.462		
8,800.00	7,246.85	8,885.21	6,962.63	59.90	63.03	-84.76	-2,480.95	-479.53	3,111.72	2,989.67	122.04	25.497		
8,900.00	7,247.03	8,985.21	6,962.88	62.20	65.17	-84.76	-2,480.54	-579.53	3,111.38	2,984.80	126.58	24.580		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,247.21	9,085.21	6,963.13	64.55	67.37	-84.76	-2,480.13	-679.53	3,111.04	2,979.83	131.21	23.711		
9,100.00	7,247.38	9,185.21	6,963.39	66.93	69.63	-84.76	-2,479.72	-779.53	3,110.70	2,974.79	135.92	22.887		
9,200.00	7,247.56	9,285.21	6,963.64	69.35	71.94	-84.76	-2,479.31	-879.53	3,110.37	2,969.67	140.70	22.106		
9,300.00	7,247.74	9,385.21	6,963.89	71.80	74.29	-84.76	-2,478.90	-979.52	3,110.03	2,964.48	145.55	21.368		
9,400.00	7,247.91	9,485.21	6,964.14	74.29	76.69	-84.76	-2,478.49	-1,079.52	3,109.69	2,959.23	150.46	20.668		
9,500.00	7,248.09	9,585.21	6,964.39	76.79	79.12	-84.76	-2,478.08	-1,179.52	3,109.35	2,953.93	155.42	20.006		
9,600.00	7,248.27	9,685.20	6,964.65	79.33	81.57	-84.77	-2,477.67	-1,279.52	3,109.02	2,948.58	160.43	19.379		
9,700.00	7,248.45	9,785.20	6,964.90	81.88	84.06	-84.77	-2,477.26	-1,379.52	3,108.68	2,943.19	165.49	18.785		
9,800.00	7,248.62	9,885.20	6,965.15	84.45	86.58	-84.77	-2,476.85	-1,479.52	3,108.34	2,937.76	170.58	18.222		
9,900.00	7,248.80	9,985.20	6,965.40	87.04	89.11	-84.77	-2,476.44	-1,579.51	3,108.00	2,932.29	175.72	17.688		
10,000.00	7,248.98	10,085.20	6,965.65	89.65	91.67	-84.77	-2,476.03	-1,679.51	3,107.67	2,926.78	180.88	17.181		
10,100.00	7,249.15	10,185.20	6,965.91	92.28	94.24	-84.77	-2,475.63	-1,779.51	3,107.33	2,921.25	186.08	16.699		
10,200.00	7,249.33	10,285.20	6,966.16	94.91	96.84	-84.77	-2,475.22	-1,879.51	3,106.99	2,915.68	191.31	16.241		
10,300.00	7,249.51	10,385.20	6,966.41	97.56	99.44	-84.77	-2,474.81	-1,979.51	3,106.65	2,910.09	196.56	15.805		
10,400.00	7,249.69	10,485.20	6,966.66	100.22	102.07	-84.77	-2,474.40	-2,079.50	3,106.32	2,904.48	201.84	15.390		
10,500.00	7,249.86	10,585.20	6,966.91	102.89	104.70	-84.77	-2,473.99	-2,179.50	3,105.98	2,898.84	207.14	14.995		
10,600.00	7,250.04	10,685.20	6,967.16	105.57	107.35	-84.77	-2,473.58	-2,279.50	3,105.64	2,893.18	212.46	14.618		
10,700.00	7,250.22	10,785.20	6,967.42	108.27	110.01	-84.77	-2,473.17	-2,379.50	3,105.30	2,887.51	217.80	14.258		
10,800.00	7,250.39	10,885.20	6,967.67	110.96	112.68	-84.78	-2,472.76	-2,479.50	3,104.97	2,881.81	223.15	13.914		
10,900.00	7,250.57	10,985.20	6,967.92	113.67	115.36	-84.78	-2,472.35	-2,579.50	3,104.63	2,876.10	228.53	13.585		
11,000.00	7,250.75	11,085.20	6,968.17	116.39	118.05	-84.78	-2,471.94	-2,679.49	3,104.29	2,870.37	233.92	13.271		
11,100.00	7,250.93	11,185.20	6,968.42	119.11	120.75	-84.78	-2,471.53	-2,779.49	3,103.95	2,864.63	239.32	12.970		
11,200.00	7,251.10	11,285.20	6,968.68	121.83	123.45	-84.78	-2,471.12	-2,879.49	3,103.62	2,858.88	244.74	12.681		
11,300.00	7,251.28	11,385.19	6,968.93	124.57	126.16	-84.78	-2,470.71	-2,979.49	3,103.28	2,853.11	250.17	12.405		
11,400.00	7,251.46	11,485.19	6,969.18	127.31	128.88	-84.78	-2,470.30	-3,079.49	3,102.94	2,847.33	255.61	12.139		
11,500.00	7,251.63	11,585.19	6,969.43	130.05	131.61	-84.78	-2,469.89	-3,179.49	3,102.60	2,841.54	261.06	11.885		
11,600.00	7,251.81	11,685.19	6,969.68	132.80	134.34	-84.78	-2,469.48	-3,279.48	3,102.27	2,835.74	266.52	11.640		
11,700.00	7,251.99	11,785.19	6,969.94	135.55	137.07	-84.78	-2,469.07	-3,379.48	3,101.93	2,829.93	272.00	11.404		
11,800.00	7,252.17	11,885.19	6,970.19	138.31	139.81	-84.78	-2,468.66	-3,479.48	3,101.59	2,824.11	277.48	11.178		
11,900.00	7,252.34	11,985.19	6,970.44	141.07	142.56	-84.78	-2,468.25	-3,579.48	3,101.25	2,818.29	282.97	10.960		
12,000.00	7,252.52	12,085.19	6,970.69	143.84	145.31	-84.79	-2,467.84	-3,679.48	3,100.92	2,812.45	288.47	10.750		
12,100.00	7,252.70	12,185.19	6,970.94	146.61	148.07	-84.79	-2,467.43	-3,779.48	3,100.58	2,806.61	293.97	10.547		
12,200.00	7,252.87	12,285.19	6,971.19	149.38	150.82	-84.79	-2,467.02	-3,879.47	3,100.24	2,800.76	299.48	10.352		
12,300.00	7,253.05	12,385.19	6,971.45	152.16	153.59	-84.79	-2,466.62	-3,979.47	3,099.90	2,794.90	305.00	10.163		
12,400.00	7,253.23	12,485.19	6,971.70	154.94	156.35	-84.79	-2,466.21	-4,079.47	3,099.57	2,789.03	310.53	9.982		
12,500.00	7,253.41	12,585.19	6,971.95	157.72	159.12	-84.79	-2,465.80	-4,179.47	3,099.23	2,783.16	316.06	9.806		
12,600.00	7,253.58	12,685.19	6,972.20	160.51	161.90	-84.79	-2,465.39	-4,279.47	3,098.89	2,777.29	321.60	9.636		
12,700.00	7,253.76	12,785.19	6,972.45	163.29	164.67	-84.79	-2,464.98	-4,379.47	3,098.55	2,771.41	327.15	9.471		
12,800.00	7,253.94	12,885.19	6,972.71	166.08	167.45	-84.79	-2,464.57	-4,479.46	3,098.22	2,765.52	332.70	9.312		
12,900.00	7,254.11	12,985.19	6,972.96	168.88	170.24	-84.79	-2,464.16	-4,579.46	3,097.88	2,759.63	338.25	9.159		
12,927.02	7,254.16	13,012.21	6,973.03	169.63	170.99	-84.79	-2,464.05	-4,606.49	3,097.79	2,758.04	339.75	9.118		
13,000.00	7,254.29	13,002.01	6,973.00	171.67	170.70	-84.79	-2,464.09	-4,596.29	3,098.66	2,757.39	341.27	9.080		
13,100.00	7,254.47	13,002.01	6,973.00	174.47	170.70	-84.79	-2,464.09	-4,596.29	3,102.61	2,759.15	343.47	9.033		
13,200.00	7,254.65	13,002.01	6,973.00	177.27	170.70	-84.79	-2,464.09	-4,596.29	3,109.78	2,764.46	345.32	9.005		
13,300.00	7,254.82	13,002.01	6,973.00	180.07	170.70	-84.79	-2,464.09	-4,596.29	3,120.15	2,773.31	346.83	8.996 SF		
13,400.00	7,255.00	13,002.01	6,973.00	182.87	170.70	-84.79	-2,464.09	-4,596.29	3,133.66	2,785.66	348.00	9.005		
13,500.00	7,255.18	13,002.01	6,973.00	185.67	170.70	-84.79	-2,464.09	-4,596.29	3,150.30	2,801.46	348.84	9.031		
13,600.00	7,255.35	13,002.01	6,973.00	188.48	170.70	-84.79	-2,464.09	-4,596.29	3,170.01	2,820.67	349.34	9.074		
13,700.00	7,255.53	13,002.01	6,973.00	191.29	170.70	-84.79	-2,464.09	-4,596.29	3,192.72	2,843.20	349.52	9.134		
13,800.00	7,255.71	13,002.01	6,973.00	194.10	170.70	-84.79	-2,464.09	-4,596.29	3,218.39	2,868.98	349.40	9.211		
13,900.00	7,255.89	13,002.01	6,973.00	196.91	170.70	-84.79	-2,464.09	-4,596.29	3,246.93	2,897.94	348.99	9.304		
14,000.00	7,256.06	13,002.01	6,973.00	199.72	170.70	-84.79	-2,464.09	-4,596.29	3,278.28	2,929.97	348.31	9.412		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	13,002.01	6,973.00	202.53	170.70	-84.79	-2,464.09	-4,596.29	3,312.35	2,964.98	347.37	9.536		
14,200.00	7,256.42	13,002.01	6,973.00	205.35	170.70	-84.79	-2,464.09	-4,596.29	3,349.06	3,002.87	346.19	9.674		
14,300.00	7,256.59	13,002.01	6,973.00	208.16	170.70	-84.79	-2,464.09	-4,596.29	3,388.32	3,043.53	344.80	9.827		
14,400.00	7,256.77	13,002.01	6,973.00	210.98	170.70	-84.79	-2,464.09	-4,596.29	3,430.06	3,086.86	343.20	9.994		
14,500.00	7,256.95	13,002.01	6,973.00	213.80	170.70	-84.79	-2,464.09	-4,596.29	3,474.17	3,132.74	341.43	10.175		
14,600.00	7,257.13	13,002.01	6,973.00	216.62	170.70	-84.79	-2,464.09	-4,596.29	3,520.56	3,181.08	339.49	10.370		
14,700.00	7,257.30	13,002.01	6,973.00	219.44	170.70	-84.79	-2,464.09	-4,596.29	3,569.16	3,231.75	337.41	10.578		
14,800.00	7,257.48	13,002.01	6,973.00	222.26	170.70	-84.79	-2,464.09	-4,596.29	3,619.87	3,284.67	335.20	10.799		
14,900.00	7,257.66	13,002.01	6,973.00	225.08	170.70	-84.79	-2,464.09	-4,596.29	3,672.60	3,339.71	332.89	11.032		
15,000.00	7,257.83	13,002.01	6,973.00	227.91	170.70	-84.79	-2,464.09	-4,596.29	3,727.27	3,396.79	330.49	11.278		
15,100.00	7,258.01	13,002.01	6,973.00	230.73	170.70	-84.79	-2,464.09	-4,596.29	3,783.79	3,455.79	328.00	11.536		
15,200.00	7,258.19	13,002.01	6,973.00	233.56	170.70	-84.79	-2,464.09	-4,596.29	3,842.09	3,516.63	325.46	11.805		
15,300.00	7,258.37	13,002.01	6,973.00	236.38	170.70	-84.79	-2,464.09	-4,596.29	3,902.07	3,579.21	322.86	12.086		
15,400.00	7,258.54	13,002.01	6,973.00	239.21	170.70	-84.79	-2,464.09	-4,596.29	3,963.68	3,643.45	320.22	12.378		
15,500.00	7,258.72	13,002.01	6,973.00	242.04	170.70	-84.79	-2,464.09	-4,596.29	4,026.82	3,709.26	317.56	12.681		
15,600.00	7,258.90	13,002.01	6,973.00	244.87	170.70	-84.79	-2,464.09	-4,596.29	4,091.43	3,776.56	314.87	12.994		
15,700.00	7,259.08	13,002.01	6,973.00	247.70	170.70	-84.79	-2,464.09	-4,596.29	4,157.45	3,845.27	312.18	13.317		
15,800.00	7,259.25	13,002.01	6,973.00	250.53	170.70	-84.79	-2,464.09	-4,596.29	4,224.80	3,915.31	309.49	13.651		
15,900.00	7,259.43	13,002.01	6,973.00	253.36	170.70	-84.79	-2,464.09	-4,596.29	4,293.42	3,986.62	306.80	13.994		
16,000.00	7,259.61	13,002.01	6,973.00	256.19	170.70	-84.79	-2,464.09	-4,596.29	4,363.25	4,059.14	304.12	14.347		
16,100.00	7,259.78	13,002.01	6,973.00	259.02	170.70	-84.79	-2,464.09	-4,596.29	4,434.25	4,132.79	301.46	14.709		
16,200.00	7,259.96	13,002.01	6,973.00	261.85	170.70	-84.79	-2,464.09	-4,596.29	4,506.34	4,207.52	298.81	15.081		
16,300.00	7,260.14	13,002.01	6,973.00	264.68	170.70	-84.79	-2,464.09	-4,596.29	4,579.48	4,283.28	296.20	15.461		
16,400.00	7,260.32	13,002.01	6,973.00	267.52	170.70	-84.79	-2,464.09	-4,596.29	4,653.62	4,360.00	293.62	15.849		
16,500.00	7,260.49	13,002.01	6,973.00	270.35	170.70	-84.79	-2,464.09	-4,596.29	4,728.71	4,437.65	291.06	16.246		
16,600.00	7,260.67	13,002.01	6,973.00	273.19	170.70	-84.79	-2,464.09	-4,596.29	4,804.71	4,516.16	288.55	16.651		
16,700.00	7,260.85	13,002.01	6,973.00	276.02	170.70	-84.79	-2,464.09	-4,596.29	4,881.58	4,595.51	286.07	17.064		
16,800.00	7,261.02	13,002.01	6,973.00	278.86	170.70	-84.79	-2,464.09	-4,596.29	4,959.27	4,675.64	283.63	17.485		
16,900.00	7,261.20	13,002.01	6,973.00	281.69	170.70	-84.79	-2,464.09	-4,596.29	5,037.75	4,756.52	281.23	17.913		
17,000.00	7,261.38	13,002.01	6,973.00	284.53	170.70	-84.79	-2,464.09	-4,596.29	5,116.97	4,838.10	278.87	18.349		
17,100.00	7,261.56	13,002.01	6,973.00	287.37	170.70	-84.79	-2,464.09	-4,596.29	5,196.92	4,920.36	276.56	18.792		
17,200.00	7,261.73	13,002.01	6,973.00	290.21	170.70	-84.79	-2,464.09	-4,596.29	5,277.55	5,003.26	274.28	19.241		
17,300.00	7,261.91	13,002.01	6,973.00	293.04	170.70	-84.79	-2,464.09	-4,596.29	5,358.83	5,086.77	272.06	19.697		
17,400.00	7,262.09	13,002.01	6,973.00	295.88	170.70	-84.79	-2,464.09	-4,596.29	5,440.74	5,170.86	269.87	20.160		
17,500.00	7,262.26	13,002.01	6,973.00	298.72	170.70	-84.79	-2,464.09	-4,596.29	5,523.24	5,255.50	267.74	20.629		
17,600.00	7,262.44	13,002.01	6,973.00	301.56	170.70	-84.79	-2,464.09	-4,596.29	5,606.31	5,340.67	265.64	21.105		
17,700.00	7,262.62	13,002.01	6,973.00	304.40	170.70	-84.79	-2,464.09	-4,596.29	5,689.92	5,426.33	263.59	21.586		
17,800.00	7,262.80	13,002.01	6,973.00	307.24	170.70	-84.79	-2,464.09	-4,596.29	5,774.06	5,512.48	261.58	22.074		
17,900.00	7,262.97	13,002.01	6,973.00	310.08	170.70	-84.79	-2,464.09	-4,596.29	5,858.70	5,599.08	259.62	22.567		
18,000.00	7,263.15	13,002.01	6,973.00	312.92	170.70	-84.79	-2,464.09	-4,596.29	5,943.81	5,686.11	257.70	23.065		
18,100.00	7,263.33	13,002.01	6,973.00	315.76	170.70	-84.79	-2,464.09	-4,596.29	6,029.38	5,773.56	255.82	23.569		
18,200.00	7,263.50	13,002.01	6,973.00	318.61	170.70	-84.79	-2,464.09	-4,596.29	6,115.39	5,861.41	253.98	24.078		
18,300.00	7,263.68	13,002.01	6,973.00	321.45	170.70	-84.79	-2,464.09	-4,596.29	6,201.81	5,949.63	252.18	24.592		
18,400.00	7,263.86	13,002.01	6,973.00	324.29	170.70	-84.79	-2,464.09	-4,596.29	6,288.64	6,038.22	250.43	25.112		
18,500.00	7,264.04	13,002.01	6,973.00	327.13	170.70	-84.79	-2,464.09	-4,596.29	6,375.86	6,127.15	248.71	25.636		
18,600.00	7,264.21	13,002.01	6,973.00	329.97	170.70	-84.79	-2,464.09	-4,596.29	6,463.45	6,216.41	247.03	26.164		
18,700.00	7,264.39	13,002.01	6,973.00	332.82	170.70	-84.79	-2,464.09	-4,596.29	6,551.39	6,305.99	245.40	26.697		
18,800.00	7,264.57	13,002.01	6,973.00	335.66	170.70	-84.79	-2,464.09	-4,596.29	6,639.67	6,395.88	243.79	27.235		
18,900.00	7,264.74	13,002.01	6,973.00	338.51	170.70	-84.79	-2,464.09	-4,596.29	6,728.28	6,486.05	242.23	27.777		
19,000.00	7,264.92	13,002.01	6,973.00	341.35	170.70	-84.79	-2,464.09	-4,596.29	6,817.21	6,576.51	240.70	28.322		
19,044.52	7,265.00	13,002.01	6,973.00	342.62	170.70	-84.79	-2,464.09	-4,596.29	6,856.90	6,616.87	240.03	28.567		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-179.50	-224.77	-1.95	224.78					
100.00	100.00	100.00	100.00	3.28	3.28	-179.50	-224.77	-1.95	224.78	218.21	6.57	34.216		
200.00	200.00	200.00	200.00	3.34	3.34	-179.50	-224.77	-1.95	224.78	218.10	6.67	33.679	CC, ES	
300.00	299.98	293.52	293.50	3.44	3.43	115.08	-226.11	-1.22	226.94	220.06	6.88	32.969		
400.00	399.84	386.75	386.61	3.60	3.57	115.51	-230.13	0.94	233.45	226.25	7.20	32.435		
500.00	499.45	479.40	478.96	3.81	3.75	116.16	-236.75	4.51	244.30	236.70	7.60	32.128		
600.00	598.70	571.19	570.16	4.06	3.96	116.96	-245.91	9.45	259.51	251.42	8.09	32.088		
700.00	697.47	661.87	659.87	4.34	4.21	117.83	-257.47	15.68	279.06	270.43	8.63	32.327		
800.00	795.62	751.18	747.78	4.66	4.48	118.70	-271.30	23.13	302.93	293.70	9.23	32.829		
824.00	819.08	772.38	768.58	4.75	4.55	118.91	-274.94	25.09	309.29	299.91	9.38	32.979		
900.00	893.28	839.08	833.79	5.02	4.78	119.77	-287.26	31.73	330.57	320.71	9.86	33.532		
1,000.00	990.92	925.84	918.10	5.40	5.11	120.52	-305.28	41.44	360.73	350.21	10.52	34.305		
1,100.00	1,088.56	1,011.34	1,000.53	5.80	5.46	120.92	-325.23	52.19	393.23	382.03	11.20	35.124		
1,200.00	1,186.19	1,095.46	1,080.95	6.21	5.83	121.04	-346.97	63.91	427.98	416.08	11.89	35.990		
1,300.00	1,283.83	1,178.09	1,159.20	6.64	6.22	120.95	-370.33	76.50	464.90	452.30	12.60	36.900		
1,400.00	1,381.47	1,259.14	1,235.17	7.08	6.63	120.71	-395.17	89.88	503.94	490.62	13.31	37.855		
1,500.00	1,479.10	1,338.52	1,308.79	7.53	7.06	120.34	-421.32	103.97	545.06	531.03	14.03	38.858		
1,600.00	1,576.74	1,418.06	1,381.70	7.99	7.51	119.88	-449.29	119.04	588.19	573.43	14.75	39.867		
1,700.00	1,674.38	1,507.78	1,463.61	8.45	8.04	119.38	-481.54	136.42	632.08	616.49	15.59	40.555		
1,800.00	1,772.02	1,602.49	1,545.51	8.92	8.62	118.95	-513.79	153.80	676.00	659.54	16.46	41.064		
1,900.00	1,869.65	1,687.23	1,627.42	9.39	9.15	118.56	-546.04	171.18	719.96	702.65	17.30	41.609		
2,000.00	1,967.29	1,776.96	1,709.32	9.87	9.72	118.23	-578.29	188.56	763.93	745.75	18.18	42.015		
2,100.00	2,064.93	1,866.68	1,791.23	10.35	10.30	117.92	-610.54	205.94	807.93	788.86	19.07	42.359		
2,200.00	2,162.56	1,956.41	1,873.13	10.83	10.89	117.65	-642.79	223.32	851.94	831.97	19.97	42.652		
2,300.00	2,260.20	2,046.13	1,955.04	11.32	11.48	117.41	-675.04	240.70	895.97	875.08	20.88	42.902		
2,400.00	2,357.84	2,135.86	2,036.94	11.80	12.08	117.19	-707.29	258.08	940.00	918.20	21.80	43.117		
2,500.00	2,455.48	2,225.58	2,118.85	12.29	12.68	116.99	-739.54	275.46	984.05	961.33	22.72	43.303		
2,600.00	2,553.11	2,315.31	2,200.75	12.78	13.29	116.80	-771.79	292.84	1,028.11	1,004.45	23.65	43.464		
2,700.00	2,650.75	2,405.03	2,282.66	13.27	13.90	116.63	-804.04	310.22	1,072.17	1,047.58	24.59	43.604		
2,800.00	2,748.39	2,505.24	2,364.56	13.77	14.58	116.48	-836.28	327.60	1,116.24	1,090.65	25.59	43.623		
2,900.00	2,846.02	2,584.48	2,446.47	14.26	15.12	116.33	-868.53	344.98	1,160.32	1,133.85	26.47	43.832		
3,000.00	2,943.66	2,674.21	2,528.38	14.76	15.74	116.20	-900.78	362.35	1,204.40	1,176.98	27.42	43.925		
3,100.00	3,041.30	2,763.93	2,610.28	15.25	16.36	116.07	-933.03	379.73	1,248.49	1,220.12	28.37	44.008		
3,200.00	3,138.94	2,853.66	2,692.19	15.75	16.98	115.96	-965.28	397.11	1,292.58	1,263.26	29.32	44.080		
3,300.00	3,236.57	2,943.38	2,774.09	16.25	17.60	115.85	-997.53	414.49	1,336.68	1,306.40	30.28	44.144		
3,400.00	3,334.21	3,033.11	2,856.00	16.75	18.23	115.75	-1,029.78	431.87	1,380.78	1,349.54	31.24	44.201		
3,500.00	3,431.85	3,122.83	2,937.90	17.25	18.85	115.65	-1,062.03	449.25	1,424.88	1,392.68	32.20	44.252		
3,600.00	3,529.48	3,212.56	3,019.81	17.75	19.48	115.57	-1,094.28	466.63	1,468.99	1,435.83	33.16	44.297		
3,700.00	3,627.12	3,302.28	3,101.71	18.25	20.10	115.48	-1,126.53	484.01	1,513.10	1,478.97	34.13	44.337		
3,800.00	3,724.76	3,407.99	3,183.62	18.75	20.84	115.40	-1,158.78	501.39	1,557.21	1,522.02	35.19	44.254		
3,900.00	3,822.40	3,481.73	3,265.52	19.25	21.36	115.33	-1,191.03	518.77	1,601.32	1,565.26	36.06	44.404		
4,000.00	3,920.03	3,571.46	3,347.43	19.75	21.99	115.26	-1,223.28	536.15	1,645.44	1,608.41	37.03	44.432		
4,100.00	4,017.67	3,661.18	3,429.33	20.25	22.62	115.19	-1,255.53	553.53	1,689.56	1,651.55	38.00	44.457		
4,200.00	4,115.31	3,750.91	3,511.24	20.76	23.25	115.13	-1,287.78	570.91	1,733.68	1,694.70	38.98	44.480		
4,300.00	4,212.94	3,840.63	3,593.14	21.26	23.88	115.07	-1,320.03	588.29	1,777.80	1,737.85	39.95	44.500		
4,400.00	4,310.58	3,930.36	3,675.05	21.76	24.51	115.01	-1,352.28	605.66	1,821.92	1,780.99	40.93	44.518		
4,500.00	4,408.22	4,020.08	3,756.95	22.27	25.15	114.95	-1,384.53	623.04	1,866.04	1,824.14	41.90	44.534		
4,600.00	4,505.86	4,109.81	3,838.86	22.77	25.78	114.90	-1,416.78	640.42	1,910.17	1,867.29	42.88	44.549		
4,700.00	4,603.49	4,200.47	3,920.77	23.28	26.42	114.85	-1,449.03	657.80	1,954.29	1,910.43	43.86	44.556		
4,800.00	4,701.13	4,289.26	4,002.67	23.78	27.05	114.80	-1,481.28	675.18	1,998.42	1,953.59	44.83	44.573		
4,900.00	4,798.77	4,378.98	4,084.58	24.28	27.68	114.76	-1,513.53	692.56	2,042.55	1,996.74	45.81	44.583		
5,000.00	4,896.40	4,468.71	4,166.48	24.79	28.32	114.71	-1,545.78	709.94	2,086.68	2,039.89	46.79	44.592		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	4,558.43	4,248.39	25.30	28.95	114.67	-1,578.03	727.32	2,130.81	2,083.03	47.78	44.600		
5,200.00	5,091.68	4,648.16	4,330.29	25.80	29.59	114.63	-1,610.28	744.70	2,174.94	2,126.18	48.76	44.607		
5,300.00	5,189.32	4,737.88	4,412.20	26.31	30.22	114.59	-1,642.53	762.08	2,219.07	2,169.33	49.74	44.613		
5,400.00	5,286.95	4,827.61	4,494.10	26.81	30.86	114.56	-1,674.78	779.46	2,263.21	2,212.48	50.72	44.619		
5,500.00	5,384.59	4,917.33	4,576.01	27.32	31.49	114.52	-1,707.03	796.84	2,307.34	2,255.63	51.71	44.623		
5,600.00	5,482.23	5,007.06	4,657.91	27.82	32.13	114.48	-1,739.28	814.22	2,351.48	2,298.78	52.69	44.627		
5,700.00	5,579.87	5,103.22	4,739.82	28.33	32.81	114.45	-1,771.53	831.60	2,395.61	2,341.90	53.71	44.599		
5,800.00	5,677.50	5,186.51	4,821.72	28.84	33.40	114.42	-1,803.78	848.97	2,439.75	2,385.08	54.66	44.633		
5,900.00	5,775.14	5,276.23	4,903.63	29.34	34.04	114.39	-1,836.03	866.35	2,483.88	2,428.23	55.65	44.635		
6,000.00	5,872.78	5,365.96	4,985.53	29.85	34.68	114.36	-1,868.28	883.73	2,528.02	2,471.38	56.63	44.637		
6,100.00	5,970.41	5,455.68	5,067.44	30.36	35.31	114.33	-1,900.53	901.11	2,572.16	2,514.54	57.62	44.638		
6,200.00	6,068.05	5,545.41	5,149.34	30.86	35.95	114.30	-1,932.78	918.49	2,616.30	2,557.69	58.61	44.639		
6,300.00	6,165.69	5,635.13	5,231.25	31.37	36.59	114.28	-1,965.03	935.87	2,660.43	2,600.84	59.60	44.640		
6,400.00	6,263.33	5,724.86	5,313.16	31.88	37.23	114.25	-1,997.28	953.25	2,704.57	2,643.99	60.59	44.640		
6,500.00	6,360.96	5,814.58	5,395.06	32.38	37.87	114.22	-2,029.53	970.63	2,748.71	2,687.14	61.58	44.640		
6,600.00	6,458.60	5,904.31	5,476.97	32.89	38.50	114.20	-2,061.78	988.01	2,792.85	2,730.29	62.56	44.640		
6,628.42	6,486.35	5,929.81	5,500.25	33.04	38.68	114.19	-2,070.95	992.95	2,805.40	2,742.55	62.85	44.639		
6,650.00	6,507.49	5,949.16	5,517.91	33.14	38.82	119.45	-2,077.90	996.70	2,814.92	2,751.87	63.06	44.641		
6,700.00	6,556.88	6,006.17	5,558.68	33.37	39.23	139.28	-2,093.95	1,005.35	2,836.98	2,773.39	63.59	44.610		
6,750.00	6,606.60	6,038.03	5,599.03	33.58	39.45	179.91	-2,109.84	1,013.91	2,858.91	2,794.96	63.95	44.703		
6,800.00	6,656.35	6,081.49	5,638.71	33.76	39.76	-135.88	-2,125.46	1,022.33	2,880.61	2,816.26	64.36	44.760		
6,850.00	6,705.83	6,123.95	5,677.47	33.94	40.07	-113.54	-2,140.73	1,030.55	2,902.00	2,837.26	64.74	44.824		
6,900.00	6,754.72	6,165.14	5,715.07	34.12	40.36	-102.37	-2,155.53	1,038.53	2,923.00	2,857.88	65.11	44.892		
6,950.00	6,802.72	6,204.82	5,751.28	34.31	40.64	-95.63	-2,169.79	1,046.22	2,943.54	2,878.07	65.47	44.959		
7,000.00	6,849.54	6,242.72	5,785.89	34.50	40.91	-90.98	-2,183.42	1,053.56	2,963.59	2,897.77	65.82	45.025		
7,050.00	6,894.89	6,278.63	5,818.67	34.71	41.17	-87.48	-2,196.32	1,060.51	2,983.09	2,916.93	66.16	45.087		
7,100.00	6,938.49	6,312.32	5,849.42	34.93	41.41	-84.67	-2,208.43	1,067.04	3,002.02	2,935.52	66.50	45.145		
7,150.00	6,980.07	6,343.58	5,877.95	35.17	41.63	-82.32	-2,219.67	1,073.09	3,020.34	2,953.51	66.83	45.195		
7,200.00	7,019.38	6,372.21	5,904.09	35.43	41.83	-80.30	-2,229.96	1,078.64	3,038.04	2,970.88	67.16	45.236		
7,250.00	7,056.17	6,398.05	5,927.68	35.71	42.02	-78.52	-2,239.25	1,083.65	3,055.09	2,987.60	67.49	45.266		
7,300.00	7,090.21	6,420.94	5,948.57	36.03	42.18	-76.92	-2,247.47	1,088.08	3,071.47	3,003.64	67.83	45.281		
7,350.00	7,121.30	6,440.72	5,966.63	36.37	42.32	-75.46	-2,254.58	1,091.91	3,087.17	3,018.99	68.18	45.279		
7,400.00	7,149.25	6,457.29	5,981.76	36.75	42.44	-74.12	-2,260.54	1,095.12	3,102.15	3,033.60	68.54	45.260		
7,450.00	7,173.87	6,470.54	5,993.85	37.17	42.53	-72.86	-2,265.30	1,097.68	3,116.38	3,047.46	68.92	45.220		
7,500.00	7,195.03	6,480.38	6,002.83	37.62	42.60	-71.68	-2,268.84	1,099.59	3,129.83	3,060.53	69.31	45.160		
7,550.00	7,212.58	6,486.75	6,008.65	38.11	42.65	-70.56	-2,271.13	1,100.83	3,142.47	3,072.76	69.71	45.080		
7,600.00	7,226.43	6,489.63	6,011.27	38.64	42.67	-69.51	-2,272.16	1,101.38	3,154.23	3,084.11	70.13	44.980		
7,650.00	7,236.48	6,488.98	6,010.68	39.20	42.66	-68.51	-2,271.93	1,101.26	3,165.08	3,094.53	70.55	44.862		
7,700.00	7,242.68	6,484.81	6,006.88	39.79	42.63	-67.58	-2,270.43	1,100.45	3,174.95	3,103.97	70.98	44.729		
7,753.32	7,245.00	6,476.52	5,999.31	40.44	42.58	-66.65	-2,267.45	1,098.84	3,184.33	3,112.89	71.44	44.573		
7,800.00	7,245.08	6,467.55	5,991.12	41.04	42.51	-66.49	-2,264.22	1,097.11	3,192.31	3,120.46	71.85	44.428		
7,900.00	7,245.26	6,448.31	5,973.56	42.43	42.37	-66.15	-2,257.31	1,093.38	3,211.54	3,138.71	72.84	44.093		
8,000.00	7,245.43	6,429.07	5,956.00	43.97	42.24	-65.81	-2,250.40	1,089.65	3,233.64	3,159.72	73.92	43.743		
8,100.00	7,245.61	6,409.84	5,938.44	45.64	42.10	-65.46	-2,243.48	1,085.93	3,258.55	3,183.45	75.09	43.393		
8,200.00	7,245.79	6,409.40	5,920.88	47.42	42.10	-65.12	-2,236.57	1,082.20	3,286.19	3,209.76	76.43	42.995		
8,300.00	7,245.97	6,371.37	5,903.32	49.30	41.83	-64.78	-2,229.65	1,078.48	3,316.52	3,238.91	77.60	42.737		
8,400.00	7,246.14	6,333.98	5,885.88	51.28	41.56	-64.44	-2,222.73	1,074.76	3,346.85	3,269.24	78.77	42.479		
8,500.00	7,246.32	6,296.59	5,868.44	53.34	41.29	-64.10	-2,215.81	1,071.04	3,377.18	3,299.57	79.94	42.221		
8,600.00	7,246.50	6,259.20	5,850.99	55.46	41.02	-63.76	-2,208.89	1,067.32	3,407.51	3,329.90	81.11	41.963		
8,700.00	7,246.67	6,221.81	5,833.55	57.66	40.75	-63.42	-2,201.97	1,063.60	3,437.84	3,360.23	82.28	41.705		
8,800.00	7,246.85	6,184.42	5,816.10	59.90	40.48	-63.08	-2,195.05	1,059.88	3,468.17	3,390.56	83.45	41.447		
8,900.00	7,247.03	6,147.03	5,798.65	62.20	40.21	-62.74	-2,188.13	1,056.16	3,498.50	3,420.89	84.62	41.189		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	9,289.97	7,130.10	64.55	67.94	-87.98	-2,700.73	-676.19	3,320.69	3,189.07	131.62	25.230		
9,100.00	7,247.38	9,389.97	7,130.92	66.93	70.15	-87.99	-2,700.45	-776.19	3,320.47	3,184.15	136.32	24.359		
9,200.00	7,247.56	9,489.96	7,131.73	69.35	72.42	-88.00	-2,700.18	-876.18	3,320.25	3,179.16	141.09	23.533		
9,300.00	7,247.74	9,589.96	7,132.55	71.80	74.73	-88.01	-2,699.90	-976.18	3,320.03	3,174.10	145.93	22.751		
9,400.00	7,247.91	9,689.96	7,133.36	74.29	77.09	-88.02	-2,699.63	-1,076.17	3,319.81	3,168.98	150.83	22.010		
9,500.00	7,248.09	9,789.96	7,134.17	76.79	79.48	-88.03	-2,699.35	-1,176.16	3,319.59	3,163.80	155.79	21.308		
9,600.00	7,248.27	9,889.95	7,134.99	79.33	81.91	-88.04	-2,699.08	-1,276.16	3,319.38	3,158.58	160.80	20.643		
9,700.00	7,248.45	9,989.95	7,135.80	81.88	84.37	-88.05	-2,698.80	-1,376.15	3,319.16	3,153.30	165.85	20.013		
9,800.00	7,248.62	10,089.95	7,136.61	84.45	86.86	-88.07	-2,698.53	-1,476.15	3,318.94	3,147.99	170.95	19.415		
9,900.00	7,248.80	10,189.95	7,137.43	87.04	89.37	-88.08	-2,698.25	-1,576.14	3,318.72	3,142.64	176.08	18.847		
10,000.00	7,248.98	10,289.95	7,138.24	89.65	91.90	-88.09	-2,697.98	-1,676.13	3,318.50	3,137.25	181.25	18.309		
10,100.00	7,249.15	10,389.94	7,139.05	92.28	94.46	-88.10	-2,697.70	-1,776.13	3,318.28	3,131.83	186.45	17.797		
10,200.00	7,249.33	10,489.94	7,139.87	94.91	97.03	-88.11	-2,697.43	-1,876.12	3,318.07	3,126.38	191.68	17.310		
10,300.00	7,249.51	10,589.94	7,140.68	97.56	99.62	-88.12	-2,697.16	-1,976.12	3,317.85	3,120.91	196.94	16.847		
10,400.00	7,249.69	10,689.94	7,141.50	100.22	102.22	-88.13	-2,696.88	-2,076.11	3,317.63	3,115.40	202.22	16.406		
10,500.00	7,249.86	10,789.93	7,142.31	102.89	104.84	-88.14	-2,696.61	-2,176.11	3,317.41	3,109.88	207.53	15.985		
10,600.00	7,250.04	10,889.93	7,143.12	105.57	107.47	-88.15	-2,696.33	-2,276.10	3,317.19	3,104.34	212.86	15.584		
10,700.00	7,250.22	10,989.93	7,143.94	108.27	110.12	-88.16	-2,696.06	-2,376.09	3,316.98	3,098.77	218.20	15.201		
10,800.00	7,250.39	11,089.93	7,144.75	110.96	112.77	-88.17	-2,695.78	-2,476.09	3,316.76	3,093.19	223.57	14.835		
10,900.00	7,250.57	11,189.93	7,145.56	113.67	115.44	-88.19	-2,695.51	-2,576.08	3,316.54	3,087.59	228.95	14.486		
11,000.00	7,250.75	11,289.92	7,146.38	116.39	118.11	-88.20	-2,695.23	-2,676.08	3,316.32	3,081.97	234.35	14.151		
11,100.00	7,250.93	11,389.92	7,147.19	119.11	120.80	-88.21	-2,694.96	-2,776.07	3,316.11	3,076.34	239.76	13.831		
11,200.00	7,251.10	11,489.92	7,148.00	121.83	123.49	-88.22	-2,694.68	-2,876.06	3,315.89	3,070.70	245.19	13.524		
11,300.00	7,251.28	11,589.92	7,148.82	124.57	126.19	-88.23	-2,694.41	-2,976.06	3,315.67	3,065.04	250.63	13.229		
11,400.00	7,251.46	11,689.91	7,149.63	127.31	128.90	-88.24	-2,694.13	-3,076.05	3,315.46	3,059.37	256.08	12.947		
11,500.00	7,251.63	11,789.91	7,150.45	130.05	131.61	-88.25	-2,693.86	-3,176.05	3,315.24	3,053.69	261.55	12.675		
11,600.00	7,251.81	11,889.91	7,151.26	132.80	134.33	-88.26	-2,693.58	-3,276.04	3,315.02	3,048.00	267.02	12.415		
11,700.00	7,251.99	11,989.91	7,152.07	135.55	137.06	-88.27	-2,693.31	-3,376.03	3,314.81	3,042.30	272.51	12.164		
11,800.00	7,252.17	12,089.91	7,152.89	138.31	139.79	-88.28	-2,693.04	-3,476.03	3,314.59	3,036.59	278.00	11.923		
11,900.00	7,252.34	12,189.90	7,153.70	141.07	142.53	-88.29	-2,692.76	-3,576.02	3,314.37	3,030.87	283.50	11.691		
12,000.00	7,252.52	12,289.90	7,154.51	143.84	145.27	-88.31	-2,692.49	-3,676.02	3,314.16	3,025.14	289.01	11.467		
12,100.00	7,252.70	12,389.90	7,155.33	146.61	148.02	-88.32	-2,692.21	-3,776.01	3,313.94	3,019.41	294.53	11.251		
12,200.00	7,252.87	12,489.90	7,156.14	149.38	150.77	-88.33	-2,691.94	-3,876.00	3,313.73	3,013.67	300.06	11.044		
12,300.00	7,253.05	12,589.89	7,156.95	152.16	153.53	-88.34	-2,691.66	-3,976.00	3,313.51	3,007.92	305.59	10.843		
12,400.00	7,253.23	12,689.89	7,157.77	154.94	156.29	-88.35	-2,691.39	-4,075.99	3,313.30	3,002.16	311.14	10.649		
12,500.00	7,253.41	12,789.89	7,158.58	157.72	159.05	-88.36	-2,691.11	-4,175.99	3,313.08	2,996.40	316.68	10.462		
12,600.00	7,253.58	12,889.89	7,159.40	160.51	161.81	-88.37	-2,690.84	-4,275.98	3,312.87	2,990.63	322.24	10.281		
12,700.00	7,253.76	12,989.89	7,160.21	163.29	164.58	-88.38	-2,690.56	-4,375.98	3,312.65	2,984.86	327.79	10.106		
12,800.00	7,253.94	13,110.12	7,161.02	166.08	167.92	-88.39	-2,690.29	-4,475.97	3,312.43	2,978.51	333.92	9.920		
12,900.00	7,254.11	13,189.88	7,161.84	168.88	170.13	-88.40	-2,690.01	-4,575.96	3,312.22	2,973.29	338.93	9.773		
12,930.92	7,254.17	13,220.80	7,162.09	169.74	170.99	-88.41	-2,689.93	-4,606.88	3,312.15	2,971.50	340.65	9.723		
13,000.00	7,254.29	13,210.89	7,162.01	171.67	170.72	-88.41	-2,689.96	-4,596.97	3,312.95	2,970.86	342.09	9.684		
13,100.00	7,254.47	13,210.89	7,162.01	174.47	170.72	-88.41	-2,689.96	-4,596.97	3,316.62	2,972.28	344.34	9.632		
13,200.00	7,254.65	13,210.89	7,162.01	177.27	170.72	-88.41	-2,689.96	-4,596.97	3,323.31	2,977.01	346.30	9.597		
13,300.00	7,254.82	13,210.89	7,162.01	180.07	170.72	-88.41	-2,689.96	-4,596.97	3,332.98	2,985.03	347.95	9.579		
13,400.00	7,255.00	13,210.89	7,162.01	182.87	170.72	-88.41	-2,689.96	-4,596.97	3,345.61	2,996.31	349.30	9.578 SF		
13,500.00	7,255.18	13,210.89	7,162.01	185.67	170.72	-88.41	-2,689.96	-4,596.97	3,361.17	3,010.82	350.35	9.594		
13,600.00	7,255.35	13,210.89	7,162.01	188.48	170.72	-88.41	-2,689.96	-4,596.97	3,379.63	3,028.51	351.11	9.625		
13,700.00	7,255.53	13,210.89	7,162.01	191.29	170.72	-88.41	-2,689.96	-4,596.97	3,400.92	3,049.33	351.59	9.673		
13,800.00	7,255.71	13,210.89	7,162.01	194.10	170.72	-88.41	-2,689.96	-4,596.97	3,425.00	3,073.21	351.79	9.736		
13,900.00	7,255.89	13,210.89	7,162.01	196.91	170.72	-88.41	-2,689.96	-4,596.97	3,451.81	3,100.09	351.72	9.814		
14,000.00	7,256.06	13,210.89	7,162.01	199.72	170.72	-88.41	-2,689.96	-4,596.97	3,481.29	3,129.88	351.41	9.907		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	13,210.89	7,162.01	202.53	170.72	-88.41	-2,689.96	-4,596.97	3,513.37	3,162.52	350.85	10.014		
14,200.00	7,256.42	13,210.89	7,162.01	205.35	170.72	-88.41	-2,689.96	-4,596.97	3,547.98	3,197.90	350.07	10.135		
14,300.00	7,256.59	13,210.89	7,162.01	208.16	170.72	-88.41	-2,689.96	-4,596.97	3,585.04	3,235.95	349.09	10.270		
14,400.00	7,256.77	13,210.89	7,162.01	210.98	170.72	-88.41	-2,689.96	-4,596.97	3,624.48	3,276.58	347.90	10.418		
14,500.00	7,256.95	13,210.89	7,162.01	213.80	170.72	-88.41	-2,689.96	-4,596.97	3,666.23	3,319.69	346.55	10.579		
14,600.00	7,257.13	13,210.89	7,162.01	216.62	170.72	-88.41	-2,689.96	-4,596.97	3,710.21	3,365.18	345.03	10.753		
14,700.00	7,257.30	13,210.89	7,162.01	219.44	170.72	-88.41	-2,689.96	-4,596.97	3,756.33	3,412.97	343.36	10.940		
14,800.00	7,257.48	13,210.89	7,162.01	222.26	170.72	-88.41	-2,689.96	-4,596.97	3,804.52	3,462.96	341.56	11.139		
14,900.00	7,257.66	13,210.89	7,162.01	225.08	170.72	-88.41	-2,689.96	-4,596.97	3,854.71	3,515.06	339.64	11.349		
15,000.00	7,257.83	13,210.89	7,162.01	227.91	170.72	-88.41	-2,689.96	-4,596.97	3,906.81	3,569.18	337.63	11.571		
15,100.00	7,258.01	13,210.89	7,162.01	230.73	170.72	-88.41	-2,689.96	-4,596.97	3,960.75	3,625.23	335.52	11.805		
15,200.00	7,258.19	13,210.89	7,162.01	233.56	170.72	-88.41	-2,689.96	-4,596.97	4,016.45	3,683.12	333.33	12.049		
15,300.00	7,258.37	13,210.89	7,162.01	236.38	170.72	-88.41	-2,689.96	-4,596.97	4,073.85	3,742.77	331.09	12.305		
15,400.00	7,258.54	13,210.89	7,162.01	239.21	170.72	-88.41	-2,689.96	-4,596.97	4,132.87	3,804.09	328.78	12.570		
15,500.00	7,258.72	13,210.89	7,162.01	242.04	170.72	-88.41	-2,689.96	-4,596.97	4,193.45	3,867.01	326.43	12.846		
15,600.00	7,258.90	13,210.89	7,162.01	244.87	170.72	-88.41	-2,689.96	-4,596.97	4,255.51	3,931.46	324.05	13.132		
15,700.00	7,259.08	13,210.89	7,162.01	247.70	170.72	-88.41	-2,689.96	-4,596.97	4,319.00	3,997.36	321.64	13.428		
15,800.00	7,259.25	13,210.89	7,162.01	250.53	170.72	-88.41	-2,689.96	-4,596.97	4,383.85	4,064.63	319.22	13.733		
15,900.00	7,259.43	13,210.89	7,162.01	253.36	170.72	-88.41	-2,689.96	-4,596.97	4,450.00	4,133.22	316.78	14.048		
16,000.00	7,259.61	13,210.89	7,162.01	256.19	170.72	-88.41	-2,689.96	-4,596.97	4,517.40	4,203.06	314.34	14.371		
16,100.00	7,259.78	13,210.89	7,162.01	259.02	170.72	-88.41	-2,689.96	-4,596.97	4,585.99	4,274.08	311.90	14.703		
16,200.00	7,259.96	13,210.89	7,162.01	261.85	170.72	-88.41	-2,689.96	-4,596.97	4,655.71	4,346.24	309.47	15.044		
16,300.00	7,260.14	13,210.89	7,162.01	264.68	170.72	-88.41	-2,689.96	-4,596.97	4,726.52	4,419.47	307.05	15.393		
16,400.00	7,260.32	13,210.89	7,162.01	267.52	170.72	-88.41	-2,689.96	-4,596.97	4,798.37	4,493.73	304.65	15.751		
16,500.00	7,260.49	13,210.89	7,162.01	270.35	170.72	-88.41	-2,689.96	-4,596.97	4,871.22	4,568.96	302.26	16.116		
16,600.00	7,260.67	13,210.89	7,162.01	273.19	170.72	-88.41	-2,689.96	-4,596.97	4,945.01	4,645.11	299.90	16.489		
16,700.00	7,260.85	13,210.89	7,162.01	276.02	170.72	-88.41	-2,689.96	-4,596.97	5,019.71	4,722.15	297.56	16.869		
16,800.00	7,261.02	13,210.89	7,162.01	278.86	170.72	-88.41	-2,689.96	-4,596.97	5,095.28	4,800.03	295.25	17.257		
16,900.00	7,261.20	13,210.89	7,162.01	281.69	170.72	-88.41	-2,689.96	-4,596.97	5,171.68	4,878.71	292.97	17.652		
17,000.00	7,261.38	13,210.89	7,162.01	284.53	170.72	-88.41	-2,689.96	-4,596.97	5,248.87	4,958.15	290.73	18.054		
17,100.00	7,261.56	13,210.89	7,162.01	287.37	170.72	-88.41	-2,689.96	-4,596.97	5,326.82	5,038.31	288.51	18.463		
17,200.00	7,261.73	13,210.89	7,162.01	290.21	170.72	-88.41	-2,689.96	-4,596.97	5,405.50	5,119.17	286.33	18.879		
17,300.00	7,261.91	13,210.89	7,162.01	293.04	170.72	-88.41	-2,689.96	-4,596.97	5,484.87	5,200.68	284.18	19.300		
17,400.00	7,262.09	13,210.89	7,162.01	295.88	170.72	-88.41	-2,689.96	-4,596.97	5,564.90	5,282.83	282.08	19.728		
17,500.00	7,262.26	13,210.89	7,162.01	298.72	170.72	-88.41	-2,689.96	-4,596.97	5,645.58	5,365.57	280.00	20.163		
17,600.00	7,262.44	13,210.89	7,162.01	301.56	170.72	-88.41	-2,689.96	-4,596.97	5,726.86	5,448.89	277.97	20.603		
17,700.00	7,262.62	13,210.89	7,162.01	304.40	170.72	-88.41	-2,689.96	-4,596.97	5,808.72	5,532.76	275.97	21.048		
17,800.00	7,262.80	13,210.89	7,162.01	307.24	170.72	-88.41	-2,689.96	-4,596.97	5,891.15	5,617.14	274.01	21.500		
17,900.00	7,262.97	13,210.89	7,162.01	310.08	170.72	-88.41	-2,689.96	-4,596.97	5,974.11	5,702.03	272.08	21.957		
18,000.00	7,263.15	13,210.89	7,162.01	312.92	170.72	-88.41	-2,689.96	-4,596.97	6,057.59	5,787.39	270.20	22.419		
18,100.00	7,263.33	13,210.89	7,162.01	315.76	170.72	-88.41	-2,689.96	-4,596.97	6,141.56	5,873.21	268.35	22.887		
18,200.00	7,263.50	13,210.89	7,162.01	318.61	170.72	-88.41	-2,689.96	-4,596.97	6,226.01	5,959.47	266.54	23.359		
18,300.00	7,263.68	13,210.89	7,162.01	321.45	170.72	-88.41	-2,689.96	-4,596.97	6,310.91	6,046.15	264.76	23.836		
18,400.00	7,263.86	13,210.89	7,162.01	324.29	170.72	-88.41	-2,689.96	-4,596.97	6,396.24	6,133.22	263.02	24.318		
18,500.00	7,264.04	13,210.89	7,162.01	327.13	170.72	-88.41	-2,689.96	-4,596.97	6,482.00	6,220.68	261.32	24.805		
18,600.00	7,264.21	13,210.89	7,162.01	329.97	170.72	-88.41	-2,689.96	-4,596.97	6,568.15	6,308.51	259.65	25.296		
18,700.00	7,264.39	13,210.89	7,162.01	332.82	170.72	-88.41	-2,689.96	-4,596.97	6,654.70	6,396.68	258.02	25.792		
18,800.00	7,264.57	13,210.89	7,162.01	335.66	170.72	-88.41	-2,689.96	-4,596.97	6,741.62	6,485.20	256.42	26.292		
18,900.00	7,264.74	13,210.89	7,162.01	338.51	170.72	-88.41	-2,689.96	-4,596.97	6,828.89	6,574.04	254.85	26.796		
19,000.00	7,264.92	13,210.89	7,162.01	341.35	170.72	-88.41	-2,689.96	-4,596.97	6,916.51	6,663.19	253.32	27.304		
19,044.52	7,265.00	13,210.89	7,162.01	342.62	170.72	-88.41	-2,689.96	-4,596.97	6,955.63	6,702.98	252.65	27.531		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	-179.64	-44.80	-0.28	44.80					
100.00	100.00	100.00	100.00	3.28	3.28	-179.64	-44.80	-0.28	44.80	38.23	6.57	6.820		
200.00	200.00	200.00	200.00	3.34	3.34	-179.64	-44.80	-0.28	44.80	38.13	6.67	6.713 CC, ES		
300.00	299.98	299.98	299.96	3.44	3.44	114.58	-44.82	1.47	45.55	38.66	6.89	6.614		
400.00	399.84	399.93	399.77	3.60	3.60	113.97	-44.89	6.70	47.78	40.58	7.20	6.638		
500.00	499.45	499.82	499.27	3.81	3.80	113.07	-45.00	15.40	51.50	43.90	7.60	6.773		
600.00	598.70	599.59	598.30	4.06	4.05	112.01	-45.15	27.54	56.72	48.63	8.10	7.006		
700.00	697.47	699.24	696.71	4.34	4.34	110.88	-45.34	43.11	63.45	54.78	8.67	7.320		
800.00	795.62	798.71	794.36	4.66	4.66	109.78	-45.57	62.05	71.67	62.35	9.31	7.695		
824.00	819.08	822.56	817.67	4.75	4.74	109.53	-45.64	67.10	73.86	64.38	9.48	7.791		
900.00	893.28	901.86	891.35	5.02	5.03	108.51	-45.85	83.96	81.01	70.97	10.04	8.069		
1,000.00	990.92	1,002.32	988.34	5.40	5.42	107.31	-46.12	106.32	90.46	79.66	10.81	8.370		
1,100.00	1,088.56	1,102.79	1,085.33	5.80	5.84	106.34	-46.40	128.68	99.95	88.34	11.62	8.603		
1,200.00	1,186.19	1,203.25	1,182.32	6.21	6.27	105.53	-46.68	151.04	109.47	97.01	12.46	8.785		
1,300.00	1,283.83	1,303.71	1,279.31	6.64	6.72	104.86	-46.95	173.41	119.00	105.67	13.33	8.927		
1,400.00	1,381.47	1,404.18	1,376.30	7.08	7.17	104.28	-47.23	195.77	128.54	114.32	14.22	9.040		
1,500.00	1,479.10	1,504.64	1,473.29	7.53	7.64	103.79	-47.51	218.13	138.10	122.97	15.13	9.129		
1,600.00	1,576.74	1,605.11	1,570.29	7.99	8.12	103.36	-47.79	240.50	147.66	131.61	16.05	9.200		
1,700.00	1,674.38	1,705.57	1,667.28	8.45	8.60	102.98	-48.06	262.86	157.23	140.25	16.98	9.257		
1,800.00	1,772.02	1,806.03	1,764.27	8.92	9.08	102.64	-48.34	285.22	166.81	148.88	17.93	9.303		
1,900.00	1,869.65	1,906.50	1,861.26	9.39	9.57	102.35	-48.62	307.58	176.39	157.51	18.88	9.341		
2,000.00	1,967.29	2,006.96	1,958.25	9.87	10.07	102.08	-48.90	329.95	185.98	166.13	19.85	9.371		
2,100.00	2,064.93	2,107.43	2,055.24	10.35	10.57	101.84	-49.17	352.31	195.57	174.76	20.81	9.396		
2,200.00	2,162.56	2,207.89	2,152.23	10.83	11.07	101.62	-49.45	374.67	205.16	183.38	21.79	9.416		
2,300.00	2,260.20	2,308.36	2,249.22	11.32	11.57	101.42	-49.73	397.03	214.76	191.99	22.77	9.433		
2,400.00	2,357.84	2,408.82	2,346.21	11.80	12.08	101.23	-50.00	419.40	224.36	200.61	23.75	9.447		
2,500.00	2,455.48	2,509.28	2,443.20	12.29	12.58	101.07	-50.28	441.76	233.96	209.22	24.74	9.458		
2,600.00	2,553.11	2,590.25	2,540.19	12.78	12.99	100.91	-50.56	464.12	243.56	217.93	25.63	9.503		
2,700.00	2,650.75	2,689.79	2,637.18	13.27	13.50	100.77	-50.84	486.48	253.17	226.55	26.62	9.511		
2,800.00	2,748.39	2,789.32	2,734.17	13.77	14.01	100.64	-51.11	508.85	262.77	235.17	27.61	9.518		
2,900.00	2,846.02	2,888.86	2,831.17	14.26	14.52	100.51	-51.39	531.21	272.38	243.78	28.60	9.523		
3,000.00	2,943.66	2,988.40	2,928.16	14.76	15.03	100.40	-51.67	553.57	281.99	252.39	29.60	9.527		
3,100.00	3,041.30	3,087.93	3,025.15	15.25	15.54	100.29	-51.94	575.94	291.60	261.00	30.60	9.531		
3,200.00	3,138.94	3,187.47	3,122.14	15.75	16.05	100.19	-52.22	598.30	301.21	269.61	31.59	9.534		
3,300.00	3,236.57	3,287.00	3,219.13	16.25	16.56	100.10	-52.50	620.66	310.82	278.23	32.59	9.536		
3,400.00	3,334.21	3,386.54	3,316.12	16.75	17.07	100.01	-52.78	643.02	320.43	286.83	33.60	9.537		
3,500.00	3,431.85	3,486.07	3,413.11	17.25	17.59	99.93	-53.05	665.39	330.04	295.44	34.60	9.539		
3,600.00	3,529.48	3,585.61	3,510.10	17.75	18.10	99.85	-53.33	687.75	339.66	304.05	35.61	9.539		
3,700.00	3,627.12	3,685.15	3,607.09	18.25	18.62	99.78	-53.61	710.11	349.27	312.66	36.61	9.540		
3,800.00	3,724.76	3,784.68	3,704.08	18.75	19.13	99.71	-53.89	732.47	358.89	321.27	37.62	9.540		
3,900.00	3,822.40	3,884.22	3,801.07	19.25	19.65	99.64	-54.16	754.84	368.50	329.87	38.63	9.540		
4,000.00	3,920.03	3,983.75	3,898.06	19.75	20.16	99.58	-54.44	777.20	378.12	338.48	39.64	9.540		
4,100.00	4,017.67	4,083.29	3,995.05	20.25	20.68	99.52	-54.72	799.56	387.73	347.09	40.64	9.540		
4,200.00	4,115.31	4,182.83	4,092.05	20.76	21.20	99.46	-54.99	821.92	397.35	355.69	41.65	9.539		
4,300.00	4,212.94	4,282.36	4,189.04	21.26	21.72	99.40	-55.27	844.29	406.96	364.30	42.67	9.538		
4,400.00	4,310.58	4,381.90	4,286.03	21.76	22.23	99.35	-55.55	866.65	416.58	372.90	43.68	9.538		
4,500.00	4,408.22	4,481.43	4,383.02	22.27	22.75	99.30	-55.83	889.01	426.20	381.51	44.69	9.537		
4,600.00	4,505.86	4,580.97	4,480.01	22.77	23.27	99.26	-56.10	911.38	435.82	390.11	45.70	9.536		
4,700.00	4,603.49	4,680.50	4,577.00	23.28	23.79	99.21	-56.38	933.74	445.43	398.72	46.72	9.535		
4,800.00	4,701.13	4,780.04	4,673.99	23.78	24.31	99.17	-56.66	956.10	455.05	407.32	47.73	9.534		
4,900.00	4,798.77	4,879.58	4,770.98	24.28	24.83	99.13	-56.93	978.46	464.67	415.93	48.74	9.533		
5,000.00	4,896.40	4,979.11	4,867.97	24.79	25.35	99.09	-57.21	1,000.83	474.29	424.53	49.76	9.532		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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						
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
5,100.00	4,994.04	5,078.65	4,964.96	25.30	25.87	99.05	-57.49	1,023.19	483.91	433.13	50.77	9.531					
5,200.00	5,091.68	5,178.18	5,061.95	25.80	26.39	99.01	-57.77	1,045.55	493.53	441.74	51.79	9.529					
5,300.00	5,189.32	5,277.72	5,158.94	26.31	26.91	98.97	-58.04	1,067.91	503.15	450.34	52.81	9.528					
5,400.00	5,286.95	5,377.25	5,255.94	26.81	27.43	98.94	-58.32	1,090.28	512.77	458.94	53.82	9.527					
5,500.00	5,384.59	5,476.79	5,352.93	27.32	27.95	98.91	-58.60	1,112.64	522.38	467.55	54.84	9.526					
5,600.00	5,482.23	5,576.33	5,449.92	27.82	28.47	98.88	-58.88	1,135.00	532.00	476.15	55.86	9.525					
5,700.00	5,579.87	5,680.84	5,552.12	28.33	29.00	99.02	-59.15	1,156.85	541.20	484.29	56.91	9.509					
5,800.00	5,677.50	5,785.66	5,655.35	28.84	29.50	99.54	-59.37	1,175.01	549.43	491.48	57.95	9.481					
5,900.00	5,775.14	5,890.16	5,758.85	29.34	29.98	100.42	-59.55	1,189.34	556.81	497.84	58.96	9.443					
6,000.00	5,872.78	5,994.07	5,862.22	29.85	30.43	101.64	-59.68	1,199.84	563.47	503.52	59.95	9.399					
6,100.00	5,970.41	6,097.11	5,965.04	30.36	30.85	103.19	-59.76	1,206.54	569.64	508.73	60.91	9.352					
6,200.00	6,068.05	6,199.05	6,066.93	30.86	31.24	105.05	-59.80	1,209.53	575.59	513.74	61.85	9.307					
6,300.00	6,165.69	6,302.19	6,165.69	31.37	31.62	107.06	-59.80	1,209.72	581.73	518.98	62.75	9.271					
6,400.00	6,263.33	6,404.55	6,263.33	31.88	31.99	109.03	-59.80	1,209.72	588.57	524.94	63.64	9.249					
6,500.00	6,360.96	6,506.92	6,360.96	32.38	32.36	110.96	-59.80	1,209.72	596.12	531.61	64.51	9.240					
6,600.00	6,458.60	6,609.28	6,458.60	32.89	32.74	112.83	-59.80	1,209.72	604.35	538.97	65.38	9.244					
6,628.42	6,486.35	6,618.47	6,486.35	33.04	32.77	113.36	-59.80	1,209.72	606.81	541.26	65.55	9.257					
6,650.00	6,507.49	6,639.61	6,507.49	33.14	32.85	118.20	-59.80	1,209.72	608.71	542.99	65.73	9.261					
6,700.00	6,556.88	6,689.00	6,556.88	33.37	33.03	136.91	-59.80	1,209.72	613.25	547.12	66.13	9.273					
6,750.00	6,606.60	6,738.81	6,606.69	33.58	33.21	176.15	-59.80	1,209.72	617.82	551.31	66.52	9.288					
6,800.00	6,656.35	6,790.64	6,658.45	33.76	33.39	-141.09	-59.68	1,207.42	622.28	555.39	66.89	9.303					
6,850.00	6,705.83	6,842.44	6,709.83	33.94	33.58	-120.11	-59.36	1,200.94	626.51	559.25	67.27	9.314					
6,900.00	6,754.72	6,894.22	6,760.49	34.12	33.77	-110.18	-58.82	1,190.31	630.49	562.84	67.65	9.320					
6,950.00	6,802.72	6,945.96	6,810.08	34.31	33.97	-104.60	-58.07	1,175.62	634.19	566.15	68.05	9.320					
7,000.00	6,849.54	6,997.65	6,858.26	34.50	34.19	-101.03	-57.12	1,156.97	637.60	569.13	68.47	9.312					
7,050.00	6,894.89	7,049.27	6,904.72	34.71	34.42	-98.52	-55.98	1,134.52	640.68	571.76	68.92	9.296					
7,100.00	6,938.49	7,100.82	6,949.14	34.93	34.68	-96.65	-54.66	1,108.42	643.43	574.03	69.40	9.271					
7,150.00	6,980.07	7,152.28	6,991.23	35.17	34.95	-95.19	-53.16	1,078.87	645.82	575.89	69.93	9.236					
7,200.00	7,019.38	7,203.64	7,030.72	35.43	35.26	-94.03	-51.49	1,046.10	647.84	577.35	70.50	9.190					
7,250.00	7,056.17	7,254.89	7,067.35	35.71	35.60	-93.07	-49.68	1,010.33	649.49	578.36	71.12	9.132					
7,300.00	7,090.21	7,306.02	7,100.91	36.03	35.97	-92.28	-47.72	971.83	650.74	578.93	71.81	9.062					
7,350.00	7,121.30	7,357.01	7,131.20	36.37	36.38	-91.63	-45.65	930.88	651.60	579.03	72.57	8.979					
7,400.00	7,149.25	7,407.85	7,158.04	36.75	36.82	-91.09	-43.46	887.76	652.05	578.66	73.39	8.884					
7,450.00	7,173.87	7,458.54	7,181.28	37.17	37.31	-90.64	-41.17	842.79	652.11	577.81	74.30	8.777					
7,500.00	7,195.03	7,509.07	7,200.81	37.62	37.83	-90.29	-38.81	796.26	651.75	576.48	75.27	8.659					
7,550.00	7,212.58	7,559.43	7,216.53	38.11	38.39	-90.01	-36.39	748.49	651.00	574.68	76.32	8.530					
7,600.00	7,226.43	7,609.61	7,228.40	38.64	38.99	-89.80	-33.91	699.81	649.86	572.42	77.44	8.392					
7,650.00	7,236.48	7,659.62	7,236.36	39.20	39.61	-89.66	-31.41	650.52	648.32	569.71	78.61	8.247					
7,700.00	7,242.68	7,709.44	7,240.43	39.79	40.25	-89.59	-28.90	600.94	646.41	566.57	79.83	8.097					
7,753.32	7,245.00	7,762.56	7,241.04	40.44	40.96	-89.64	-26.20	547.89	643.96	562.77	81.19	7.931					
7,800.00	7,245.08	7,809.18	7,241.12	41.04	41.61	-89.64	-23.84	501.33	641.63	559.19	82.44	7.783					
7,900.00	7,245.26	7,909.06	7,241.29	42.43	43.11	-89.64	-18.77	401.59	636.64	551.29	85.35	7.459					
8,000.00	7,245.43	8,008.93	7,241.45	43.97	44.75	-89.63	-13.71	301.84	631.65	543.11	88.54	7.134					
8,100.00	7,245.61	8,108.81	7,241.62	45.64	46.51	-89.63	-8.65	202.09	626.65	534.68	91.97	6.814					
8,200.00	7,245.79	8,208.68	7,241.79	47.42	48.37	-89.63	-3.58	102.35	621.66	526.04	95.62	6.501					
8,300.00	7,245.97	8,308.56	7,241.95	49.30	50.32	-89.62	1.48	2.60	616.67	517.21	99.46	6.200					
8,400.00	7,246.14	8,408.43	7,242.12	51.28	52.37	-89.62	6.54	-97.15	611.68	508.19	103.49	5.911					
8,500.00	7,246.32	8,508.31	7,242.29	53.34	54.49	-89.61	11.61	-196.89	606.68	499.02	107.66	5.635					
8,600.00	7,246.50	8,608.18	7,242.45	55.46	56.68	-89.61	16.67	-296.64	601.69	489.71	111.98	5.373					
8,700.00	7,246.67	8,708.06	7,242.62	57.66	58.92	-89.60	21.74	-396.39	596.70	480.29	116.41	5.126					
8,800.00	7,246.85	8,807.93	7,242.78	59.90	61.21	-89.60	26.80	-496.13	591.70	470.75	120.96	4.892					
8,900.00	7,247.03	8,907.81	7,242.95	62.20	63.56	-89.60	31.86	-595.88	586.71	461.12	125.60	4.671					

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,247.21	9,007.68	7,243.12	64.55	65.94	-89.59	36.93	-695.63	581.72	451.40	130.32	4.464		
9,100.00	7,247.38	9,107.56	7,243.28	66.93	68.36	-89.59	41.99	-795.37	576.73	441.60	135.13	4.268		
9,200.00	7,247.56	9,207.44	7,243.45	69.35	70.82	-89.58	47.06	-895.12	571.73	431.73	140.00	4.084		
9,300.00	7,247.74	9,307.31	7,243.62	71.80	73.30	-89.58	52.12	-994.87	566.74	421.81	144.93	3.910		
9,400.00	7,247.91	9,407.19	7,243.78	74.29	75.81	-89.57	57.18	-1,094.61	561.75	411.82	149.93	3.747		
9,500.00	7,248.09	9,507.06	7,243.95	76.79	78.35	-89.57	62.25	-1,194.36	556.76	401.79	154.97	3.593		
9,600.00	7,248.27	9,606.94	7,244.11	79.33	80.91	-89.56	67.31	-1,294.11	551.76	391.71	160.06	3.447		
9,700.00	7,248.45	9,706.81	7,244.28	81.88	83.49	-89.56	72.38	-1,393.85	546.77	381.58	165.19	3.310		
9,800.00	7,248.62	9,806.69	7,244.45	84.45	86.09	-89.55	77.44	-1,493.60	541.78	371.42	170.36	3.180		
9,900.00	7,248.80	9,906.56	7,244.61	87.04	88.70	-89.55	82.50	-1,593.35	536.79	361.23	175.56	3.058		
10,000.00	7,248.98	10,006.44	7,244.78	89.65	91.33	-89.54	87.57	-1,693.09	531.79	351.00	180.79	2.941		
10,100.00	7,249.15	10,106.31	7,244.95	92.28	93.97	-89.54	92.63	-1,792.84	526.80	340.74	186.06	2.831		
10,200.00	7,249.33	10,206.19	7,245.11	94.91	96.63	-89.53	97.69	-1,892.59	521.81	330.46	191.35	2.727		
10,300.00	7,249.51	10,306.06	7,245.28	97.56	99.30	-89.53	102.76	-1,992.33	516.82	320.15	196.66	2.628		
10,400.00	7,249.69	10,405.94	7,245.44	100.22	101.98	-89.52	107.82	-2,092.08	511.82	309.82	202.00	2.534		
10,500.00	7,249.86	10,505.81	7,245.61	102.89	104.67	-89.51	112.89	-2,191.83	506.83	299.47	207.36	2.444		
10,600.00	7,250.04	10,605.69	7,245.78	105.57	107.37	-89.51	117.95	-2,291.57	501.84	289.10	212.73	2.359		
10,700.00	7,250.22	10,705.56	7,245.94	108.27	110.07	-89.50	123.01	-2,391.32	496.85	278.72	218.13	2.278		
10,800.00	7,250.39	10,805.44	7,246.11	110.96	112.79	-89.50	128.08	-2,491.07	491.85	268.31	223.54	2.200		
10,900.00	7,250.57	10,905.31	7,246.28	113.67	115.51	-89.49	133.14	-2,590.81	486.86	257.90	228.97	2.126		
11,000.00	7,250.75	11,005.19	7,246.44	116.39	118.24	-89.48	138.21	-2,690.56	481.87	247.46	234.41	2.056		
11,100.00	7,250.93	11,105.07	7,246.61	119.11	120.98	-89.48	143.27	-2,790.31	476.88	237.02	239.86	1.988		
11,200.00	7,251.10	11,204.94	7,246.77	121.83	123.72	-89.47	148.33	-2,890.05	471.88	226.56	245.33	1.923		
11,300.00	7,251.28	11,304.82	7,246.94	124.57	126.47	-89.46	153.40	-2,989.80	466.89	216.09	250.80	1.862		
11,400.00	7,251.46	11,395.75	7,247.09	127.31	128.97	-89.46	157.47	-3,080.64	462.52	206.39	256.13	1.806		
11,500.00	7,251.63	11,481.86	7,247.24	130.05	131.34	-89.45	158.88	-3,166.74	460.96	199.76	261.20	1.765		
11,501.82	7,251.64	11,483.43	7,247.25	130.10	131.38	-89.45	158.88	-3,168.31	460.96	199.67	261.29	1.764		
11,600.00	7,251.81	11,567.98	7,247.40	132.80	133.70	-89.46	157.70	-3,252.84	462.41	196.36	266.05	1.738		
11,700.00	7,251.99	11,664.98	7,247.57	135.55	136.35	-89.46	154.36	-3,349.79	465.93	194.55	271.37	1.717		
11,800.00	7,252.17	11,764.92	7,247.76	138.31	139.09	-89.47	150.85	-3,449.66	469.51	192.64	276.87	1.696		
11,900.00	7,252.34	11,864.85	7,247.94	141.07	141.82	-89.47	147.35	-3,549.54	473.10	190.71	282.38	1.675		
12,000.00	7,252.52	11,964.79	7,248.12	143.84	144.57	-89.47	143.84	-3,649.41	476.68	188.78	287.90	1.656		
12,100.00	7,252.70	12,064.73	7,248.30	146.61	147.31	-89.48	140.34	-3,749.28	480.27	186.85	293.42	1.637		
12,200.00	7,252.87	12,164.66	7,248.48	149.38	150.07	-89.48	136.83	-3,849.16	483.85	184.90	298.95	1.618		
12,300.00	7,253.05	12,264.60	7,248.67	152.16	152.82	-89.49	133.33	-3,949.03	487.43	182.95	304.49	1.601		
12,400.00	7,253.23	12,364.53	7,248.85	154.94	155.58	-89.49	129.82	-4,048.91	491.02	180.99	310.03	1.584		
12,500.00	7,253.41	12,464.47	7,249.03	157.72	158.34	-89.50	126.32	-4,148.78	494.60	179.03	315.58	1.567		
12,600.00	7,253.58	12,564.40	7,249.21	160.51	161.10	-89.50	122.81	-4,248.66	498.19	177.06	321.13	1.551		
12,700.00	7,253.76	12,664.34	7,249.40	163.29	163.87	-89.50	119.31	-4,348.53	501.77	175.08	326.69	1.536		
12,800.00	7,253.94	12,764.28	7,249.58	166.08	166.64	-89.51	115.80	-4,448.40	505.36	173.10	332.25	1.521		
12,900.00	7,254.11	12,864.21	7,249.76	168.88	169.41	-89.51	112.30	-4,548.28	508.94	171.12	337.82	1.507		
13,000.00	7,254.29	12,964.15	7,249.94	171.67	172.18	-89.52	108.79	-4,648.15	512.52	169.13	343.39	1.493 Level 3		
13,100.00	7,254.47	13,064.08	7,250.13	174.47	174.96	-89.52	105.29	-4,748.03	516.11	167.14	348.97	1.479 Level 3		
13,200.00	7,254.65	13,164.02	7,250.31	177.27	177.74	-89.52	101.78	-4,847.90	519.69	165.14	354.55	1.466 Level 3		
13,300.00	7,254.82	13,263.95	7,250.49	180.07	180.52	-89.53	98.28	-4,947.77	523.28	163.14	360.13	1.453 Level 3		
13,400.00	7,255.00	13,363.89	7,250.67	182.87	183.30	-89.53	94.77	-5,047.65	526.86	161.14	365.72	1.441 Level 3		
13,500.00	7,255.18	13,463.83	7,250.85	185.67	186.09	-89.54	91.27	-5,147.52	530.45	159.13	371.32	1.429 Level 3		
13,600.00	7,255.35	13,563.76	7,251.04	188.48	188.87	-89.54	87.76	-5,247.40	534.03	157.12	376.91	1.417 Level 3		
13,700.00	7,255.53	13,663.70	7,251.22	191.29	191.66	-89.54	84.26	-5,347.27	537.62	155.11	382.51	1.405 Level 3		
13,800.00	7,255.71	13,763.63	7,251.40	194.10	194.45	-89.55	80.75	-5,447.14	541.20	153.09	388.11	1.394 Level 3		
13,900.00	7,255.89	13,863.57	7,251.58	196.91	197.24	-89.55	77.25	-5,547.02	544.78	151.07	393.72	1.384 Level 3		
14,000.00	7,256.06	13,963.50	7,251.77	199.72	200.03	-89.55	73.74	-5,646.89	548.37	149.04	399.32	1.373 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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	14,063.44	7,251.95	202.53	202.83	-89.56	70.24	-5,746.77	551.95	147.02	404.93	1.363	Level 3	
14,200.00	7,256.42	14,163.38	7,252.13	205.35	205.62	-89.56	66.73	-5,846.64	555.54	144.99	410.55	1.353	Level 3	
14,300.00	7,256.59	14,263.31	7,252.31	208.16	208.42	-89.56	63.23	-5,946.51	559.12	142.96	416.16	1.344	Level 3	
14,400.00	7,256.77	14,363.25	7,252.49	210.98	211.22	-89.57	59.72	-6,046.39	562.71	140.93	421.78	1.334	Level 3	
14,500.00	7,256.95	14,463.18	7,252.68	213.80	214.02	-89.57	56.22	-6,146.26	566.29	138.89	427.40	1.325	Level 3	
14,600.00	7,257.13	14,563.12	7,252.86	216.62	216.82	-89.57	52.71	-6,246.14	569.87	136.85	433.02	1.316	Level 3	
14,700.00	7,257.30	14,663.05	7,253.04	219.44	219.62	-89.58	49.21	-6,346.01	573.46	134.81	438.65	1.307	Level 3	
14,800.00	7,257.48	14,762.99	7,253.22	222.26	222.43	-89.58	45.70	-6,445.89	577.04	132.77	444.27	1.299	Level 3	
14,900.00	7,257.66	14,862.93	7,253.41	225.08	225.23	-89.58	42.20	-6,545.76	580.63	130.73	449.90	1.291	Level 3	
15,000.00	7,257.83	14,962.86	7,253.59	227.91	228.04	-89.59	38.69	-6,645.63	584.21	128.68	455.53	1.282	Level 3	
15,100.00	7,258.01	15,062.80	7,253.77	230.73	230.84	-89.59	35.19	-6,745.51	587.80	126.63	461.16	1.275	Level 3	
15,200.00	7,258.19	15,162.73	7,253.95	233.56	233.65	-89.59	31.69	-6,845.38	591.38	124.58	466.80	1.267	Level 3	
15,300.00	7,258.37	15,262.67	7,254.14	236.38	236.46	-89.60	28.18	-6,945.26	594.97	122.53	472.43	1.259	Level 3	
15,400.00	7,258.54	15,362.60	7,254.32	239.21	239.27	-89.60	24.68	-7,045.13	598.55	120.48	478.07	1.252	Level 3	
15,500.00	7,258.72	15,462.54	7,254.50	242.04	242.08	-89.60	21.17	-7,145.00	602.13	118.43	483.71	1.245	Level 2	
15,600.00	7,258.90	15,562.48	7,254.68	244.87	244.89	-89.60	17.67	-7,244.88	605.72	116.37	489.35	1.238	Level 2	
15,700.00	7,259.08	15,662.41	7,254.86	247.70	247.70	-89.61	14.16	-7,344.75	609.30	114.31	494.99	1.231	Level 2	
15,800.00	7,259.25	15,762.35	7,255.05	250.53	250.51	-89.61	10.66	-7,444.63	612.89	112.25	500.63	1.224	Level 2	
15,900.00	7,259.43	15,862.28	7,255.23	253.36	253.33	-89.61	7.15	-7,544.50	616.47	110.19	506.28	1.218	Level 2	
16,000.00	7,259.61	15,962.22	7,255.41	256.19	256.14	-89.62	3.65	-7,644.37	620.06	108.13	511.92	1.211	Level 2	
16,100.00	7,259.78	16,062.15	7,255.59	259.02	258.95	-89.62	0.14	-7,744.25	623.64	106.07	517.57	1.205	Level 2	
16,200.00	7,259.96	16,162.09	7,255.78	261.85	261.77	-89.62	-3.36	-7,844.12	627.23	104.01	523.22	1.199	Level 2	
16,300.00	7,260.14	16,262.03	7,255.96	264.68	264.58	-89.62	-6.87	-7,944.00	630.81	101.94	528.87	1.193	Level 2	
16,400.00	7,260.32	16,361.96	7,256.14	267.52	267.40	-89.63	-10.37	-8,043.87	634.39	99.87	534.52	1.187	Level 2	
16,500.00	7,260.49	16,461.90	7,256.32	270.35	270.22	-89.63	-13.88	-8,143.74	637.98	97.81	540.17	1.181	Level 2	
16,600.00	7,260.67	16,561.83	7,256.51	273.19	273.04	-89.63	-17.38	-8,243.62	641.56	95.74	545.82	1.175	Level 2	
16,700.00	7,260.85	16,661.77	7,256.69	276.02	275.85	-89.63	-20.89	-8,343.49	645.15	93.67	551.48	1.170	Level 2	
16,800.00	7,261.02	16,761.71	7,256.87	278.86	278.67	-89.64	-24.39	-8,443.37	648.73	91.60	557.13	1.164	Level 2	
16,900.00	7,261.20	16,861.64	7,257.05	281.69	281.49	-89.64	-27.90	-8,543.24	652.32	89.53	562.79	1.159	Level 2	
17,000.00	7,261.38	16,961.58	7,257.23	284.53	284.31	-89.64	-31.40	-8,643.12	655.90	87.45	568.45	1.154	Level 2	
17,100.00	7,261.56	17,061.51	7,257.42	287.37	287.13	-89.64	-34.91	-8,742.99	659.49	85.38	574.10	1.149	Level 2	
17,200.00	7,261.73	17,161.45	7,257.60	290.21	289.95	-89.65	-38.41	-8,842.86	663.07	83.31	579.76	1.144	Level 2	
17,300.00	7,261.91	17,261.38	7,257.78	293.04	292.78	-89.65	-41.92	-8,942.74	666.65	81.23	585.42	1.139	Level 2	
17,400.00	7,262.09	17,361.32	7,257.96	295.88	295.60	-89.65	-45.42	-9,042.61	670.24	79.15	591.08	1.134	Level 2	
17,500.00	7,262.26	17,461.26	7,258.15	298.72	298.42	-89.65	-48.93	-9,142.49	673.82	77.08	596.75	1.129	Level 2	
17,600.00	7,262.44	17,561.19	7,258.33	301.56	301.24	-89.66	-52.43	-9,242.36	677.41	75.00	602.41	1.125	Level 2	
17,700.00	7,262.62	17,661.13	7,258.51	304.40	304.07	-89.66	-55.94	-9,342.23	680.99	72.92	608.07	1.120	Level 2	
17,800.00	7,262.80	17,761.06	7,258.69	307.24	306.89	-89.66	-59.44	-9,442.11	684.58	70.84	613.73	1.115	Level 2	
17,900.00	7,262.97	17,861.00	7,258.88	310.08	309.71	-89.66	-62.95	-9,541.98	688.16	68.76	619.40	1.111	Level 2	
18,000.00	7,263.15	17,960.93	7,259.06	312.92	312.54	-89.66	-66.45	-9,641.86	691.75	66.68	625.06	1.107	Level 2	
18,100.00	7,263.33	18,060.87	7,259.24	315.76	315.36	-89.67	-69.96	-9,741.73	695.33	64.60	630.73	1.102	Level 2	
18,200.00	7,263.50	18,160.81	7,259.42	318.61	318.19	-89.67	-73.46	-9,841.60	698.91	62.52	636.40	1.098	Level 2	
18,300.00	7,263.68	18,260.74	7,259.60	321.45	321.01	-89.67	-76.97	-9,941.48	702.50	60.43	642.06	1.094	Level 2	
18,400.00	7,263.86	18,360.68	7,259.79	324.29	323.84	-89.67	-80.47	-10,041.35	706.08	58.35	647.73	1.090	Level 2	
18,500.00	7,264.04	18,460.61	7,259.97	327.13	326.67	-89.68	-83.98	-10,141.23	709.67	56.27	653.40	1.086	Level 2	
18,600.00	7,264.21	18,560.55	7,260.15	329.97	329.49	-89.68	-87.48	-10,241.10	713.25	54.18	659.07	1.082	Level 2	
18,700.00	7,264.39	18,660.48	7,260.33	332.82	332.32	-89.68	-90.99	-10,340.97	716.84	52.10	664.74	1.078	Level 2	
18,800.00	7,264.57	18,760.42	7,260.52	335.66	335.15	-89.68	-94.49	-10,440.85	720.42	50.01	670.41	1.075	Level 2	
18,900.00	7,264.74	18,860.36	7,260.70	338.51	337.97	-89.68	-98.00	-10,540.72	724.01	47.92	676.08	1.071	Level 2	
19,000.00	7,264.92	18,960.29	7,260.88	341.35	340.80	-89.69	-101.50	-10,640.60	727.59	45.84	681.75	1.067	Level 2	
19,044.52	7,265.00	19,004.78	7,260.96	342.62	342.06	-89.69	-103.06	-10,685.06	729.19	44.91	684.28	1.066	Level 2, SF	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-29.87	-0.28	29.87					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-29.87	-0.28	29.87	23.30	6.57	4.547		
191.55	191.55	191.55	191.55	3.33	3.33	-179.47	-29.87	-0.28	29.87	23.21	6.66	4.485		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-29.87	-0.28	29.87	23.20	6.67	4.476 CC		
300.00	299.98	300.19	300.17	3.44	3.44	114.71	-29.56	1.45	30.29	23.40	6.89	4.398		
400.00	399.84	400.37	400.20	3.60	3.60	113.95	-28.65	6.62	31.54	24.34	7.20	4.381		
500.00	499.45	500.52	499.97	3.81	3.81	112.81	-27.13	15.23	33.64	26.04	7.61	4.422		
600.00	598.70	600.64	599.33	4.06	4.06	111.43	-25.01	27.27	36.60	28.50	8.10	4.517		
700.00	697.47	700.71	698.17	4.34	4.34	109.95	-22.29	42.70	40.42	31.75	8.68	4.659		
800.00	795.62	800.71	796.32	4.66	4.67	108.53	-18.98	61.48	45.11	35.79	9.32	4.839		
824.00	819.08	824.67	819.79	4.75	4.75	108.46	-18.13	66.27	46.38	36.89	9.49	4.888		
900.00	893.28	900.56	894.10	5.02	5.02	108.69	-15.46	81.44	50.50	40.47	10.03	5.033		
1,000.00	990.92	1,000.41	991.87	5.40	5.40	108.94	-11.94	101.40	55.93	45.13	10.79	5.182		
1,100.00	1,088.56	1,100.27	1,089.65	5.80	5.80	109.15	-8.42	121.35	61.36	49.76	11.59	5.292		
1,200.00	1,186.19	1,200.12	1,187.42	6.21	6.21	109.32	-4.90	141.31	66.78	54.36	12.42	5.376		
1,300.00	1,283.83	1,300.03	1,285.20	6.64	6.64	109.47	-1.38	161.27	72.21	58.93	13.28	5.438		
1,400.00	1,381.47	1,400.18	1,382.97	7.08	7.08	109.59	2.14	181.23	77.64	63.48	14.16	5.484		
1,500.00	1,479.10	1,500.32	1,480.74	7.53	7.52	109.70	5.65	201.19	83.07	68.02	15.05	5.518		
1,600.00	1,576.74	1,600.47	1,578.52	7.99	7.98	109.80	9.17	221.14	88.50	72.54	15.96	5.544		
1,700.00	1,674.38	1,700.62	1,676.29	8.45	8.44	109.88	12.69	241.10	93.93	77.04	16.88	5.563		
1,800.00	1,772.02	1,800.77	1,774.07	8.92	8.90	109.96	16.21	261.06	99.36	81.54	17.82	5.577		
1,900.00	1,869.65	1,899.09	1,871.84	9.39	9.36	110.03	19.73	281.02	104.79	86.04	18.75	5.589		
2,000.00	1,967.29	2,001.06	1,969.62	9.87	9.85	110.09	23.25	300.98	110.22	90.51	19.70	5.594		
2,100.00	2,064.93	2,101.21	2,067.39	10.35	10.32	110.14	26.77	320.93	115.65	94.99	20.66	5.598		
2,200.00	2,162.56	2,201.36	2,165.16	10.83	10.80	110.19	30.29	340.89	121.08	99.46	21.62	5.601		
2,300.00	2,260.20	2,301.51	2,262.94	11.32	11.28	110.24	33.81	360.85	126.51	103.92	22.58	5.602		
2,400.00	2,357.84	2,401.65	2,360.71	11.80	11.77	110.28	37.33	380.81	131.94	108.39	23.55	5.602		
2,500.00	2,455.48	2,501.80	2,458.49	12.29	12.25	110.32	40.85	400.77	137.37	112.84	24.52	5.602		
2,600.00	2,553.11	2,601.95	2,556.26	12.78	12.74	110.36	44.36	420.72	142.80	117.30	25.50	5.600		
2,700.00	2,650.75	2,702.10	2,654.03	13.27	13.23	110.39	47.88	440.68	148.23	121.75	26.48	5.598		
2,800.00	2,748.39	2,802.24	2,751.81	13.77	13.72	110.42	51.40	460.64	153.66	126.20	27.46	5.596		
2,900.00	2,846.02	2,902.39	2,849.58	14.26	14.21	110.45	54.92	480.60	159.09	130.65	28.44	5.594		
3,000.00	2,943.66	3,002.54	2,947.36	14.76	14.70	110.48	58.44	500.56	164.52	135.09	29.43	5.591		
3,100.00	3,041.30	3,102.69	3,045.13	15.25	15.19	110.50	61.96	520.51	169.95	139.53	30.41	5.588		
3,200.00	3,138.94	3,202.83	3,142.91	15.75	15.69	110.53	65.48	540.47	175.38	143.97	31.40	5.585		
3,300.00	3,236.57	3,302.98	3,240.68	16.25	16.18	110.55	69.00	560.43	180.81	148.41	32.39	5.581		
3,400.00	3,334.21	3,403.13	3,338.45	16.75	16.68	110.57	72.52	580.39	186.24	152.85	33.39	5.578		
3,500.00	3,431.85	3,503.28	3,436.23	17.25	17.17	110.59	76.04	600.35	191.67	157.29	34.38	5.575		
3,600.00	3,529.48	3,603.42	3,534.00	17.75	17.67	110.61	79.56	620.30	197.10	161.73	35.38	5.572		
3,700.00	3,627.12	3,703.57	3,631.78	18.25	18.17	110.62	83.08	640.26	202.53	166.16	36.37	5.568		
3,800.00	3,724.76	3,803.72	3,729.55	18.75	18.67	110.64	86.59	660.22	207.96	170.59	37.37	5.565		
3,900.00	3,822.40	3,903.87	3,827.33	19.25	19.16	110.66	90.11	680.18	213.39	175.03	38.37	5.562		
4,000.00	3,920.03	4,004.01	3,925.10	19.75	19.66	110.67	93.63	700.14	218.82	179.46	39.36	5.559		
4,100.00	4,017.67	4,104.16	4,022.87	20.25	20.16	110.69	97.15	720.09	224.25	183.89	40.36	5.556		
4,200.00	4,115.31	4,204.31	4,120.65	20.76	20.66	110.70	100.67	740.05	229.68	188.32	41.36	5.553		
4,300.00	4,212.94	4,304.46	4,218.42	21.26	21.16	110.71	104.19	760.01	235.11	192.75	42.36	5.550		
4,400.00	4,310.58	4,404.60	4,316.20	21.76	21.66	110.73	107.71	779.97	240.55	197.18	43.37	5.547		
4,500.00	4,408.22	4,504.75	4,413.97	22.27	22.16	110.74	111.23	799.92	245.98	201.61	44.37	5.544		
4,600.00	4,505.86	4,604.90	4,511.75	22.77	22.66	110.75	114.75	819.88	251.41	206.04	45.37	5.541		
4,700.00	4,603.49	4,705.05	4,609.52	23.28	23.16	110.76	118.27	839.84	256.84	210.46	46.37	5.538		
4,800.00	4,701.13	4,805.19	4,707.29	23.78	23.66	110.77	121.79	859.80	262.27	214.89	47.38	5.536		
4,900.00	4,798.77	4,905.34	4,805.07	24.28	24.16	110.78	125.30	879.76	267.70	219.32	48.38	5.533		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,000.00	4,896.40	5,005.49	4,902.84	24.79	24.67	110.79	128.82	899.71	273.13	223.74	49.39	5.530		
5,100.00	4,994.04	5,105.64	5,000.62	25.30	25.17	110.80	132.34	919.67	278.56	228.17	50.39	5.528		
5,200.00	5,091.68	5,205.79	5,098.39	25.80	25.67	110.81	135.86	939.63	283.99	232.59	51.40	5.525		
5,300.00	5,189.32	5,305.93	5,196.16	26.31	26.17	110.82	139.38	959.59	289.42	237.02	52.40	5.523		
5,400.00	5,286.95	5,406.08	5,293.94	26.81	26.67	110.83	142.90	979.55	294.85	241.44	53.41	5.521		
5,500.00	5,384.59	5,506.23	5,391.71	27.32	27.18	110.83	146.42	999.50	300.28	245.87	54.42	5.518		
5,600.00	5,482.23	5,606.38	5,489.49	27.82	27.68	110.84	149.94	1,019.46	305.71	250.29	55.42	5.516		
5,700.00	5,579.87	5,706.52	5,587.26	28.33	28.18	110.85	153.46	1,039.42	311.14	254.72	56.43	5.514		
5,800.00	5,677.50	5,806.67	5,685.04	28.84	28.69	110.86	156.98	1,059.38	316.58	259.14	57.44	5.512		
5,900.00	5,775.14	5,906.82	5,782.81	29.34	29.19	110.86	160.50	1,079.34	322.01	263.56	58.44	5.510		
6,000.00	5,872.78	6,006.97	5,880.58	29.85	29.69	110.87	164.02	1,099.29	327.44	267.99	59.45	5.508		
6,100.00	5,970.41	6,107.11	5,978.36	30.36	30.19	110.88	167.53	1,119.25	332.87	272.41	60.46	5.506		
6,200.00	6,068.05	6,207.26	6,076.13	30.86	30.70	110.88	171.05	1,139.21	338.30	276.83	61.47	5.504		
6,300.00	6,165.69	6,292.59	6,173.91	31.37	31.13	110.89	174.57	1,159.17	343.73	281.33	62.40	5.508		
6,400.00	6,263.33	6,407.56	6,271.68	31.88	31.70	110.89	178.09	1,179.13	349.16	285.68	63.49	5.500		
6,500.00	6,360.96	6,492.40	6,369.56	32.38	32.13	110.90	181.61	1,199.10	354.59	290.17	64.42	5.505		
6,600.00	6,458.60	6,596.04	6,472.31	32.89	32.59	112.31	185.50	1,211.10	359.43	294.06	65.38	5.498		
6,628.42	6,486.35	6,624.75	6,500.99	33.04	32.70	113.16	186.64	1,211.45	360.71	295.09	65.62	5.497		
6,650.00	6,507.49	6,646.27	6,522.49	33.14	32.78	118.27	187.52	1,210.86	361.72	295.92	65.79	5.498		
6,700.00	6,556.88	6,695.58	6,571.58	33.37	32.96	137.82	189.58	1,206.78	364.22	298.06	66.16	5.505		
6,750.00	6,606.60	6,744.13	6,619.45	33.58	33.14	178.23	191.66	1,199.06	366.95	300.45	66.49	5.519		
6,800.00	6,656.35	6,791.95	6,665.89	33.76	33.32	-137.73	193.76	1,187.91	369.87	303.07	66.79	5.537		
6,850.00	6,705.83	6,839.10	6,710.74	33.94	33.50	-115.50	195.86	1,173.54	372.95	305.87	67.07	5.560		
6,900.00	6,754.72	6,885.62	6,753.81	34.12	33.70	-104.39	197.95	1,156.14	376.14	308.80	67.34	5.586		
6,950.00	6,802.72	6,931.55	6,794.99	34.31	33.90	-97.68	200.02	1,135.91	379.40	311.82	67.58	5.614		
7,000.00	6,849.54	6,976.93	6,834.13	34.50	34.12	-93.04	202.06	1,113.06	382.69	314.89	67.81	5.644		
7,050.00	6,894.89	7,021.81	6,871.15	34.71	34.35	-89.53	204.07	1,087.78	385.96	317.95	68.02	5.674		
7,100.00	6,938.49	7,066.22	6,905.93	34.93	34.59	-86.72	206.04	1,060.24	389.17	320.95	68.22	5.704		
7,150.00	6,980.07	7,110.21	6,938.41	35.17	34.86	-84.40	207.95	1,030.65	392.27	323.84	68.43	5.732		
7,200.00	7,019.38	7,153.82	6,968.51	35.43	35.14	-82.43	209.81	999.16	395.21	326.57	68.65	5.757		
7,250.00	7,056.17	7,197.07	6,996.17	35.71	35.45	-80.75	211.61	965.97	397.97	329.07	68.90	5.776		
7,300.00	7,090.21	7,240.01	7,021.33	36.03	35.79	-79.29	213.34	931.23	400.50	331.30	69.19	5.788		
7,350.00	7,121.30	7,282.66	7,043.95	36.37	36.14	-78.04	214.99	895.12	402.76	333.22	69.54	5.792		
7,400.00	7,149.25	7,325.06	7,063.99	36.75	36.53	-76.97	216.56	857.80	404.73	334.76	69.97	5.785		
7,450.00	7,173.87	7,367.24	7,081.43	37.17	36.94	-76.07	218.06	819.42	406.38	335.90	70.48	5.766		
7,500.00	7,195.03	7,409.24	7,096.22	37.62	37.37	-75.31	219.46	780.15	407.68	336.60	71.09	5.735		
7,550.00	7,212.58	7,451.08	7,108.35	38.11	37.82	-74.71	220.77	740.14	408.62	336.82	71.80	5.691		
7,600.00	7,226.43	7,492.78	7,117.80	38.64	38.30	-74.24	221.99	699.55	409.18	336.56	72.63	5.634		
7,650.00	7,236.48	7,534.39	7,124.57	39.20	38.81	-73.91	223.11	658.52	409.35	335.79	73.56	5.565		
7,700.00	7,242.68	7,575.92	7,128.63	39.79	39.32	-73.71	224.12	617.20	409.12	334.52	74.60	5.484		
7,753.32	7,245.00	7,620.94	7,130.01	40.44	39.89	-73.64	225.10	572.22	408.42	332.61	75.81	5.387		
7,800.00	7,245.08	7,667.61	7,130.10	41.04	40.53	-73.61	226.07	525.56	407.53	330.55	76.98	5.294		
7,900.00	7,245.26	7,767.59	7,130.29	42.43	41.98	-73.53	228.14	425.60	405.62	325.92	79.70	5.089		
8,000.00	7,245.43	7,867.57	7,130.48	43.97	43.56	-73.45	230.20	325.65	403.70	321.02	82.68	4.882		
8,100.00	7,245.61	7,967.55	7,130.68	45.64	45.27	-73.37	232.27	225.69	401.79	315.88	85.92	4.677		
8,200.00	7,245.79	8,067.53	7,130.87	47.42	47.10	-73.29	234.34	125.73	399.88	310.52	89.36	4.475		
8,300.00	7,245.97	8,167.51	7,131.07	49.30	49.02	-73.21	236.41	25.77	397.97	304.96	93.00	4.279		
8,400.00	7,246.14	8,267.49	7,131.26	51.28	51.03	-73.13	238.48	-74.19	396.06	299.24	96.81	4.091		
8,500.00	7,246.32	8,367.47	7,131.45	53.34	53.12	-73.05	240.54	-174.15	394.15	293.37	100.77	3.911		
8,600.00	7,246.50	8,467.45	7,131.65	55.46	55.28	-72.97	242.61	-274.11	392.24	287.37	104.87	3.740		
8,700.00	7,246.67	8,567.43	7,131.84	57.66	57.51	-72.89	244.68	-374.06	390.33	281.26	109.07	3.579		
8,800.00	7,246.85	8,667.41	7,132.04	59.90	59.78	-72.80	246.75	-474.02	388.42	275.04	113.39	3.426		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,900.00	7,247.03	8,767.39	7,132.23	62.20	62.11	-72.72	248.82	-573.98	386.52	268.73	117.79	3.281		
9,000.00	7,247.21	8,867.37	7,132.42	64.55	64.48	-72.63	250.88	-673.94	384.61	262.34	122.27	3.146		
9,100.00	7,247.38	8,967.36	7,132.62	66.93	66.89	-72.54	252.95	-773.90	382.71	255.88	126.82	3.018		
9,200.00	7,247.56	9,067.34	7,132.81	69.35	69.33	-72.46	255.02	-873.86	380.80	249.36	131.44	2.897		
9,300.00	7,247.74	9,167.32	7,133.00	71.80	71.80	-72.37	257.09	-973.82	378.90	242.79	136.11	2.784		
9,400.00	7,247.91	9,267.30	7,133.20	74.29	74.30	-72.28	259.16	-1,073.77	377.00	236.17	140.83	2.677		
9,500.00	7,248.09	9,367.28	7,133.39	76.79	76.83	-72.19	261.22	-1,173.73	375.10	229.50	145.60	2.576		
9,600.00	7,248.27	9,467.26	7,133.59	79.33	79.38	-72.10	263.29	-1,273.69	373.20	222.80	150.40	2.481		
9,700.00	7,248.45	9,567.24	7,133.78	81.88	81.96	-72.01	265.36	-1,373.65	371.30	216.06	155.24	2.392		
9,800.00	7,248.62	9,667.22	7,133.97	84.45	84.55	-71.91	267.43	-1,473.61	369.40	209.29	160.10	2.307		
9,900.00	7,248.80	9,767.20	7,134.17	87.04	87.15	-71.82	269.49	-1,573.57	367.50	202.50	165.00	2.227		
10,000.00	7,248.98	9,867.18	7,134.36	89.65	89.78	-71.72	271.56	-1,673.53	365.61	195.69	169.92	2.152		
10,100.00	7,249.15	9,967.16	7,134.56	92.28	92.41	-71.63	273.63	-1,773.49	363.71	188.85	174.86	2.080		
10,200.00	7,249.33	10,067.14	7,134.75	94.91	95.07	-71.53	275.70	-1,873.44	361.82	181.99	179.82	2.012		
10,300.00	7,249.51	10,167.12	7,134.94	97.56	97.73	-71.43	277.77	-1,973.40	359.92	175.12	184.80	1.948		
10,400.00	7,249.69	10,267.10	7,135.14	100.22	100.40	-71.34	279.83	-2,073.36	358.03	168.24	189.79	1.886		
10,500.00	7,249.86	10,367.08	7,135.33	102.89	103.09	-71.24	281.90	-2,173.32	356.14	161.35	194.79	1.828		
10,600.00	7,250.04	10,467.06	7,135.52	105.57	105.78	-71.13	283.97	-2,273.28	354.25	154.44	199.81	1.773		
10,700.00	7,250.22	10,567.04	7,135.72	108.27	108.48	-71.03	286.04	-2,373.24	352.36	147.53	204.83	1.720		
10,800.00	7,250.39	10,667.02	7,135.91	110.96	111.20	-70.93	288.11	-2,473.20	350.47	140.61	209.87	1.670		
10,900.00	7,250.57	10,767.00	7,136.11	113.67	113.91	-70.82	290.17	-2,573.15	348.59	133.68	214.91	1.622		
11,000.00	7,250.75	10,866.98	7,136.30	116.39	116.64	-70.72	292.24	-2,673.11	346.70	126.75	219.95	1.576		
11,100.00	7,250.93	10,966.96	7,136.49	119.11	119.37	-70.61	294.31	-2,773.07	344.82	119.82	225.00	1.533		
11,200.00	7,251.10	11,066.94	7,136.69	121.83	122.11	-70.50	296.38	-2,873.03	342.93	112.88	230.05	1.491 Level 3		
11,300.00	7,251.28	11,166.92	7,136.88	124.57	124.85	-70.40	298.45	-2,972.99	341.05	105.94	235.11	1.451 Level 3		
11,400.00	7,251.46	11,266.90	7,137.08	127.31	127.60	-70.29	300.51	-3,072.95	339.17	99.01	240.17	1.412 Level 3		
11,500.00	7,251.63	11,366.88	7,137.27	130.05	130.36	-70.17	302.58	-3,172.91	337.29	92.07	245.22	1.375 Level 3		
11,600.00	7,251.81	11,466.86	7,137.46	132.80	133.12	-70.06	304.65	-3,272.86	335.42	85.13	250.28	1.340 Level 3		
11,700.00	7,251.99	11,566.84	7,137.66	135.55	135.88	-69.95	306.72	-3,372.82	333.54	78.20	255.34	1.306 Level 3		
11,800.00	7,252.17	11,666.82	7,137.85	138.31	138.65	-69.83	308.78	-3,472.78	331.66	71.27	260.39	1.274 Level 3		
11,900.00	7,252.34	11,766.80	7,138.04	141.07	141.42	-69.72	310.85	-3,572.74	329.79	64.34	265.45	1.242 Level 2		
12,000.00	7,252.52	11,866.78	7,138.24	143.84	144.20	-69.60	312.92	-3,672.70	327.92	57.42	270.49	1.212 Level 2		
12,100.00	7,252.70	11,966.76	7,138.43	146.61	146.97	-69.48	314.99	-3,772.66	326.05	50.51	275.54	1.183 Level 2		
12,200.00	7,252.87	12,066.74	7,138.63	149.38	149.76	-69.36	317.06	-3,872.62	324.18	43.59	280.58	1.155 Level 2		
12,300.00	7,253.05	12,166.72	7,138.82	152.16	152.54	-69.24	319.12	-3,972.57	322.31	36.69	285.62	1.128 Level 2		
12,400.00	7,253.23	12,266.70	7,139.01	154.94	155.33	-69.11	321.19	-4,072.53	320.44	29.79	290.65	1.103 Level 2		
12,500.00	7,253.41	12,366.68	7,139.21	157.72	158.12	-68.99	323.26	-4,172.49	318.58	22.90	295.67	1.077 Level 2		
12,600.00	7,253.58	12,466.66	7,139.40	160.51	160.91	-68.86	325.33	-4,272.45	316.71	16.02	300.69	1.053 Level 2		
12,700.00	7,253.76	12,566.64	7,139.60	163.29	163.71	-68.73	327.40	-4,372.41	314.85	9.15	305.70	1.030 Level 2		
12,800.00	7,253.94	12,666.62	7,139.79	166.08	166.51	-68.60	329.46	-4,472.37	312.99	2.28	310.70	1.007 Level 2		
12,900.00	7,254.11	12,766.60	7,139.98	168.88	169.31	-68.47	331.53	-4,572.33	311.13	-4.57	315.70	0.986 Level 1		
13,000.00	7,254.29	12,866.58	7,140.18	171.67	172.11	-68.34	333.60	-4,672.28	309.27	-11.41	320.68	0.964 Level 1		
13,100.00	7,254.47	12,966.56	7,140.37	174.47	174.92	-68.21	335.67	-4,772.24	307.42	-18.24	325.66	0.944 Level 1		
13,200.00	7,254.65	13,066.54	7,140.56	177.27	177.72	-68.07	337.74	-4,872.20	305.56	-25.06	330.63	0.924 Level 1		
13,300.00	7,254.82	13,166.52	7,140.76	180.07	180.53	-67.93	339.80	-4,972.16	303.71	-31.87	335.58	0.905 Level 1		
13,400.00	7,255.00	13,266.50	7,140.95	182.87	183.34	-67.80	341.87	-5,072.12	301.86	-38.67	340.53	0.886 Level 1		
13,500.00	7,255.18	13,366.48	7,141.15	185.67	186.15	-67.65	343.94	-5,172.08	300.01	-45.45	345.46	0.868 Level 1		
13,600.00	7,255.35	13,466.46	7,141.34	188.48	188.97	-67.51	346.01	-5,272.04	298.16	-52.22	350.38	0.851 Level 1		
13,700.00	7,255.53	13,566.44	7,141.53	191.29	191.78	-67.37	348.07	-5,371.99	296.32	-58.97	355.29	0.834 Level 1		
13,800.00	7,255.71	13,666.42	7,141.73	194.10	194.60	-67.22	350.14	-5,471.95	294.48	-65.71	360.19	0.818 Level 1		
13,900.00	7,255.89	13,766.40	7,141.92	196.91	197.42	-67.07	352.21	-5,571.91	292.64	-72.43	365.07	0.802 Level 1		
14,000.00	7,256.06	13,866.38	7,142.12	199.72	200.24	-66.92	354.28	-5,671.87	290.80	-79.14	369.94	0.786 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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	13,966.36	7,142.31	202.53	203.06	-66.77	356.35	-5,771.83	288.96	-85.83	374.79	0.771 Level 1		
14,200.00	7,256.42	14,066.34	7,142.50	205.35	205.88	-66.62	358.41	-5,871.79	287.12	-92.51	379.63	0.756 Level 1		
14,300.00	7,256.59	14,166.32	7,142.70	208.16	208.70	-66.46	360.48	-5,971.75	285.29	-99.16	384.45	0.742 Level 1		
14,400.00	7,256.77	14,266.30	7,142.89	210.98	211.53	-66.31	362.55	-6,071.71	283.46	-105.80	389.26	0.728 Level 1		
14,500.00	7,256.95	14,366.28	7,143.08	213.80	214.35	-66.15	364.62	-6,171.66	281.63	-112.41	394.05	0.715 Level 1		
14,600.00	7,257.13	14,466.27	7,143.28	216.62	217.18	-65.98	366.69	-6,271.62	279.81	-119.01	398.82	0.702 Level 1		
14,700.00	7,257.30	14,566.25	7,143.47	219.44	220.00	-65.82	368.75	-6,371.58	277.98	-125.59	403.57	0.689 Level 1		
14,800.00	7,257.48	14,666.23	7,143.67	222.26	222.83	-65.65	370.82	-6,471.54	276.16	-132.15	408.30	0.676 Level 1		
14,900.00	7,257.66	14,766.21	7,143.86	225.08	225.66	-65.49	372.89	-6,571.50	274.34	-138.68	413.02	0.664 Level 1		
15,000.00	7,257.83	14,866.19	7,144.05	227.91	228.43	-65.33	374.80	-6,669.24	272.64	-145.10	417.74	0.653 Level 1		
15,034.36	7,257.90	14,895.59	7,144.11	228.88	229.32	-65.32	374.99	-6,700.86	272.46	-146.97	419.43	0.650 Level 1		
15,100.00	7,258.01	14,956.01	7,144.23	230.73	231.02	-65.37	374.40	-6,761.27	273.09	-149.70	422.79	0.646 Level 1		
15,200.00	7,258.19	15,049.69	7,144.41	233.56	233.66	-65.67	371.04	-6,854.89	276.40	-152.02	428.42	0.645 Level 1, SF		
15,300.00	7,258.37	15,149.58	7,144.61	236.38	236.46	-66.07	366.50	-6,954.68	280.61	-154.18	434.79	0.645 Level 1		
15,400.00	7,258.54	15,249.47	7,144.81	239.21	239.26	-66.45	361.96	-7,054.47	284.83	-156.29	441.13	0.646 Level 1		
15,500.00	7,258.72	15,349.37	7,145.00	242.04	242.06	-66.82	357.42	-7,154.26	289.07	-158.38	447.45	0.646 Level 1		
15,600.00	7,258.90	15,449.26	7,145.20	244.87	244.86	-67.18	352.88	-7,254.05	293.32	-160.43	453.75	0.646 Level 1		
15,700.00	7,259.08	15,549.15	7,145.40	247.70	247.67	-67.52	348.34	-7,353.84	297.58	-162.46	460.03	0.647 Level 1		
15,800.00	7,259.25	15,649.04	7,145.59	250.53	250.47	-67.86	343.80	-7,453.63	301.85	-164.45	466.29	0.647 Level 1		
15,900.00	7,259.43	15,748.94	7,145.79	253.36	253.28	-68.19	339.26	-7,553.42	306.12	-166.41	472.54	0.648 Level 1		
16,000.00	7,259.61	15,848.83	7,145.99	256.19	256.09	-68.51	334.72	-7,653.21	310.41	-168.35	478.76	0.648 Level 1		
16,100.00	7,259.78	15,948.72	7,146.18	259.02	258.89	-68.82	330.18	-7,753.00	314.71	-170.26	484.97	0.649 Level 1		
16,200.00	7,259.96	16,048.62	7,146.38	261.85	261.70	-69.13	325.65	-7,852.79	319.02	-172.14	491.16	0.650 Level 1		
16,300.00	7,260.14	16,148.51	7,146.58	264.68	264.51	-69.42	321.11	-7,952.58	323.34	-174.01	497.34	0.650 Level 1		
16,400.00	7,260.32	16,248.40	7,146.77	267.52	267.32	-69.71	316.57	-8,052.37	327.66	-175.84	503.51	0.651 Level 1		
16,500.00	7,260.49	16,348.30	7,146.97	270.35	270.13	-69.99	312.03	-8,152.16	331.99	-177.66	509.65	0.651 Level 1		
16,600.00	7,260.67	16,448.19	7,147.16	273.19	272.94	-70.26	307.49	-8,251.95	336.33	-179.45	515.79	0.652 Level 1		
16,700.00	7,260.85	16,548.08	7,147.36	276.02	275.75	-70.53	302.95	-8,351.74	340.68	-181.23	521.91	0.653 Level 1		
16,800.00	7,261.02	16,647.98	7,147.56	278.86	278.56	-70.79	298.41	-8,451.53	345.04	-182.98	528.02	0.653 Level 1		
16,900.00	7,261.20	16,747.87	7,147.75	281.69	281.38	-71.04	293.87	-8,551.32	349.40	-184.72	534.12	0.654 Level 1		
17,000.00	7,261.38	16,847.76	7,147.95	284.53	284.19	-71.29	289.33	-8,651.11	353.77	-186.44	540.20	0.655 Level 1		
17,100.00	7,261.56	16,947.66	7,148.15	287.37	287.00	-71.53	284.79	-8,750.90	358.14	-188.14	546.28	0.656 Level 1		
17,200.00	7,261.73	17,047.55	7,148.34	290.21	289.82	-71.76	280.25	-8,850.69	362.52	-189.82	552.34	0.656 Level 1		
17,300.00	7,261.91	17,147.44	7,148.54	293.04	292.63	-71.99	275.71	-8,950.48	366.91	-191.49	558.40	0.657 Level 1		
17,400.00	7,262.09	17,247.33	7,148.74	295.88	295.45	-72.21	271.17	-9,050.26	371.30	-193.14	564.44	0.658 Level 1		
17,500.00	7,262.26	17,347.23	7,148.93	298.72	298.26	-72.43	266.63	-9,150.05	375.70	-194.78	570.47	0.659 Level 1		
17,600.00	7,262.44	17,447.12	7,149.13	301.56	301.08	-72.64	262.09	-9,249.84	380.10	-196.40	576.50	0.659 Level 1		
17,700.00	7,262.62	17,547.01	7,149.33	304.40	303.89	-72.85	257.55	-9,349.63	384.51	-198.01	582.52	0.660 Level 1		
17,800.00	7,262.80	17,646.91	7,149.52	307.24	306.71	-73.06	253.01	-9,449.42	388.92	-199.60	588.52	0.661 Level 1		
17,900.00	7,262.97	17,746.80	7,149.72	310.08	309.53	-73.25	248.47	-9,549.21	393.34	-201.18	594.52	0.662 Level 1		
18,000.00	7,263.15	17,846.69	7,149.92	312.92	312.35	-73.45	243.93	-9,649.00	397.76	-202.75	600.52	0.662 Level 1		
18,100.00	7,263.33	17,946.59	7,150.11	315.76	315.16	-73.64	239.39	-9,748.79	402.19	-204.31	606.50	0.663 Level 1		
18,200.00	7,263.50	18,046.48	7,150.31	318.61	317.98	-73.82	234.86	-9,848.58	406.62	-205.85	612.48	0.664 Level 1		
18,300.00	7,263.68	18,146.37	7,150.51	321.45	320.80	-74.01	230.32	-9,948.37	411.06	-207.39	618.45	0.665 Level 1		
18,400.00	7,263.86	18,246.27	7,150.70	324.29	323.62	-74.19	225.78	-10,048.16	415.50	-208.91	624.41	0.665 Level 1		
18,500.00	7,264.04	18,346.16	7,150.90	327.13	326.44	-74.36	221.24	-10,147.95	419.94	-210.43	630.37	0.666 Level 1		
18,600.00	7,264.21	18,446.05	7,151.09	329.97	329.26	-74.53	216.70	-10,247.74	424.39	-211.93	636.32	0.667 Level 1		
18,700.00	7,264.39	18,545.95	7,151.29	332.82	332.08	-74.70	212.16	-10,347.53	428.84	-213.42	642.26	0.668 Level 1		
18,800.00	7,264.57	18,645.84	7,151.49	335.66	334.90	-74.86	207.62	-10,447.32	433.30	-214.90	648.20	0.668 Level 1		
18,900.00	7,264.74	18,745.73	7,151.68	338.51	337.72	-75.02	203.08	-10,547.11	437.75	-216.38	654.13	0.669 Level 1		
19,000.00	7,264.92	18,845.62	7,151.88	341.35	340.54	-75.18	198.54	-10,646.90	442.22	-217.84	660.06	0.670 Level 1		
19,044.52	7,265.00	18,890.10	7,151.97	342.62	341.80	-75.25	196.52	-10,691.33	444.20	-218.49	662.70	0.670 Level 1, 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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	4.00	-4.00	3.28	3.28	-50.26	1,412.11	-1,698.24	2,208.64					
100.00	100.00	104.00	96.00	3.28	3.78	-50.26	1,412.11	-1,698.24	2,208.64	2,201.57	7.07	312.491		
200.00	200.00	204.00	196.00	3.34	6.30	-50.26	1,412.11	-1,698.24	2,208.64	2,199.00	9.63	229.236		
300.00	299.98	304.02	295.98	3.44	9.46	-115.84	1,412.11	-1,698.24	2,209.40	2,196.50	12.90	171.292		
400.00	399.84	404.16	395.84	3.60	12.79	-115.92	1,412.11	-1,698.24	2,211.68	2,195.29	16.39	134.929		
500.00	499.45	504.55	495.45	3.81	16.20	-116.06	1,412.11	-1,698.24	2,215.52	2,195.51	20.01	110.740		
600.00	598.70	605.30	594.70	4.06	19.66	-116.24	1,412.11	-1,698.24	2,220.92	2,197.21	23.71	93.677		
700.00	697.47	706.53	693.47	4.34	23.15	-116.47	1,412.11	-1,698.24	2,227.93	2,200.45	27.48	81.067		
800.00	795.62	808.38	791.62	4.66	26.68	-116.75	1,412.11	-1,698.24	2,236.61	2,205.29	31.32	71.403		
824.00	819.08	815.08	815.08	4.75	26.91	-116.82	1,412.11	-1,698.24	2,238.94	2,207.31	31.64	70.769		
900.00	893.28	889.28	889.28	5.02	29.48	-117.19	1,412.11	-1,698.24	2,246.54	2,212.07	34.48	65.164		
1,000.00	990.92	986.92	986.92	5.40	32.87	-117.67	1,412.11	-1,698.24	2,256.69	2,218.45	38.23	59.023		
1,100.00	1,088.56	1,084.56	1,084.56	5.80	36.27	-118.14	1,412.11	-1,698.24	2,266.99	2,224.97	42.01	53.957		
1,200.00	1,186.19	1,182.19	1,182.19	6.21	39.66	-118.61	1,412.11	-1,698.24	2,277.45	2,231.64	45.81	49.712		
1,300.00	1,283.83	1,279.83	1,279.83	6.64	43.06	-119.08	1,412.11	-1,698.24	2,288.07	2,238.44	49.62	46.107		
1,400.00	1,381.47	1,377.47	1,377.47	7.08	46.46	-119.54	1,412.11	-1,698.24	2,298.84	2,245.39	53.45	43.010		
1,500.00	1,479.10	1,475.10	1,475.10	7.53	49.86	-120.00	1,412.11	-1,698.24	2,309.76	2,252.48	57.28	40.323		
1,600.00	1,576.74	1,572.74	1,572.74	7.99	53.26	-120.45	1,412.11	-1,698.24	2,320.83	2,259.71	61.12	37.971		
1,700.00	1,674.38	1,670.38	1,670.38	8.45	56.66	-120.90	1,412.11	-1,698.24	2,332.06	2,267.09	64.97	35.895		
1,800.00	1,772.02	1,768.02	1,768.02	8.92	60.07	-121.35	1,412.11	-1,698.24	2,343.42	2,274.60	68.82	34.051		
1,900.00	1,869.65	1,865.65	1,865.65	9.39	63.47	-121.79	1,412.11	-1,698.24	2,354.93	2,282.26	72.68	32.403		
2,000.00	1,967.29	1,963.29	1,963.29	9.87	66.87	-122.23	1,412.11	-1,698.24	2,366.58	2,290.05	76.54	30.921		
2,100.00	2,064.93	2,060.93	2,060.93	10.35	70.28	-122.66	1,412.11	-1,698.24	2,378.37	2,297.98	80.40	29.582		
2,200.00	2,162.56	2,158.56	2,158.56	10.83	73.68	-123.09	1,412.11	-1,698.24	2,390.30	2,306.04	84.26	28.367		
2,300.00	2,260.20	2,256.20	2,256.20	11.32	77.09	-123.51	1,412.11	-1,698.24	2,402.36	2,314.23	88.13	27.259		
2,400.00	2,357.84	2,353.84	2,353.84	11.80	80.49	-123.93	1,412.11	-1,698.24	2,414.56	2,322.56	92.00	26.245		
2,500.00	2,455.48	2,451.48	2,451.48	12.29	83.90	-124.35	1,412.11	-1,698.24	2,426.89	2,331.02	95.87	25.314		
2,600.00	2,553.11	2,549.11	2,549.11	12.78	87.31	-124.76	1,412.11	-1,698.24	2,439.34	2,339.60	99.74	24.456		
2,700.00	2,650.75	2,646.75	2,646.75	13.27	90.71	-125.17	1,412.11	-1,698.24	2,451.93	2,348.31	103.62	23.664		
2,800.00	2,748.39	2,744.39	2,744.39	13.77	94.12	-125.58	1,412.11	-1,698.24	2,464.64	2,357.15	107.49	22.929		
2,900.00	2,846.02	2,842.02	2,842.02	14.26	97.52	-125.98	1,412.11	-1,698.24	2,477.47	2,366.11	111.36	22.247		
3,000.00	2,943.66	2,939.66	2,939.66	14.76	100.93	-126.37	1,412.11	-1,698.24	2,490.42	2,375.18	115.24	21.611		
3,100.00	3,041.30	3,037.30	3,037.30	15.25	104.34	-126.76	1,412.11	-1,698.24	2,503.50	2,384.38	119.12	21.017		
3,200.00	3,138.94	3,134.94	3,134.94	15.75	107.75	-127.15	1,412.11	-1,698.24	2,516.69	2,393.69	122.99	20.462		
3,300.00	3,236.57	3,232.57	3,232.57	16.25	111.15	-127.54	1,412.11	-1,698.24	2,529.99	2,403.12	126.87	19.942		
3,400.00	3,334.21	3,330.21	3,330.21	16.75	114.56	-127.92	1,412.11	-1,698.24	2,543.41	2,412.67	130.75	19.453		
3,500.00	3,431.85	3,427.85	3,427.85	17.25	117.97	-128.29	1,412.11	-1,698.24	2,556.95	2,422.32	134.62	18.993		
3,600.00	3,529.48	3,525.48	3,525.48	17.75	121.37	-128.67	1,412.11	-1,698.24	2,570.59	2,432.09	138.50	18.560		
3,700.00	3,627.12	3,623.12	3,623.12	18.25	124.78	-129.03	1,412.11	-1,698.24	2,584.34	2,441.96	142.38	18.151		
3,800.00	3,724.76	3,720.76	3,720.76	18.75	128.19	-129.40	1,412.11	-1,698.24	2,598.20	2,451.94	146.26	17.765		
3,900.00	3,822.40	3,818.40	3,818.40	19.25	131.60	-129.76	1,412.11	-1,698.24	2,612.16	2,462.03	150.13	17.399		
4,000.00	3,920.03	3,916.03	3,916.03	19.75	135.00	-130.12	1,412.11	-1,698.24	2,626.23	2,472.22	154.01	17.052		
4,100.00	4,017.67	4,013.67	4,013.67	20.25	138.41	-130.47	1,412.11	-1,698.24	2,640.40	2,482.51	157.89	16.723		
4,200.00	4,115.31	4,111.31	4,111.31	20.76	141.82	-130.82	1,412.11	-1,698.24	2,654.67	2,492.90	161.77	16.410		
4,300.00	4,212.94	4,208.94	4,208.94	21.26	145.23	-131.17	1,412.11	-1,698.24	2,669.04	2,503.39	165.65	16.113		
4,400.00	4,310.58	4,306.58	4,306.58	21.76	148.63	-131.51	1,412.11	-1,698.24	2,683.50	2,513.98	169.52	15.830		
4,500.00	4,408.22	4,404.22	4,404.22	22.27	152.04	-131.85	1,412.11	-1,698.24	2,698.07	2,524.66	173.40	15.560		
4,600.00	4,505.86	4,501.86	4,501.86	22.77	155.45	-132.19	1,412.11	-1,698.24	2,712.72	2,535.44	177.28	15.302		
4,700.00	4,603.49	4,600.51	4,599.49	23.28	158.89	-132.52	1,412.11	-1,698.24	2,727.47	2,546.28	181.19	15.053		
4,800.00	4,701.13	4,702.87	4,697.13	23.78	162.47	-132.85	1,412.11	-1,698.24	2,742.31	2,557.07	185.23	14.805		
4,900.00	4,798.77	4,805.23	4,794.77	24.28	166.04	-133.17	1,412.11	-1,698.24	2,757.23	2,567.96	189.28	14.567		
5,000.00	4,896.40	4,907.60	4,892.40	24.79	169.61	-133.49	1,412.11	-1,698.24	2,772.25	2,578.93	193.32	14.340		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,009.96	4,990.04	25.30	173.18	-133.81	1,412.11	-1,698.24	2,787.35	2,589.99	197.36	14.123		
5,200.00	5,091.68	5,087.68	5,087.68	25.80	175.90	-134.13	1,412.11	-1,698.24	2,802.54	2,602.00	200.54	13.975		
5,300.00	5,189.32	5,185.32	5,185.32	26.31	179.30	-134.44	1,412.11	-1,698.24	2,817.81	2,613.39	204.42	13.784		
5,400.00	5,286.95	5,282.95	5,282.95	26.81	182.71	-134.75	1,412.11	-1,698.24	2,833.17	2,624.87	208.30	13.602		
5,500.00	5,384.59	5,380.59	5,380.59	27.32	186.12	-135.05	1,412.11	-1,698.24	2,848.60	2,636.43	212.17	13.426		
5,600.00	5,482.23	5,478.23	5,478.23	27.82	189.53	-135.35	1,412.11	-1,698.24	2,864.12	2,648.07	216.05	13.257		
5,700.00	5,579.87	5,575.87	5,575.87	28.33	192.94	-135.65	1,412.11	-1,698.24	2,879.71	2,659.78	219.93	13.094		
5,800.00	5,677.50	5,673.50	5,673.50	28.84	196.34	-135.95	1,412.11	-1,698.24	2,895.38	2,671.58	223.80	12.937		
5,900.00	5,775.14	5,771.14	5,771.14	29.34	199.75	-136.24	1,412.11	-1,698.24	2,911.13	2,683.45	227.68	12.786		
6,000.00	5,872.78	5,868.78	5,868.78	29.85	203.16	-136.53	1,412.11	-1,698.24	2,926.95	2,695.40	231.56	12.640		
6,100.00	5,970.41	5,966.41	5,966.41	30.36	206.57	-136.82	1,412.11	-1,698.24	2,942.85	2,707.42	235.43	12.500		
6,200.00	6,068.05	6,064.05	6,064.05	30.86	209.98	-137.10	1,412.11	-1,698.24	2,958.82	2,719.51	239.31	12.364		
6,300.00	6,165.69	6,161.69	6,161.69	31.37	213.38	-137.38	1,412.11	-1,698.24	2,974.86	2,731.67	243.18	12.233		
6,400.00	6,263.33	6,259.33	6,259.33	31.88	216.79	-137.66	1,412.11	-1,698.24	2,990.97	2,743.91	247.06	12.106		
6,500.00	6,360.96	6,356.96	6,356.96	32.38	220.20	-137.93	1,412.11	-1,698.24	3,007.14	2,756.21	250.93	11.984		
6,600.00	6,458.60	6,454.60	6,454.60	32.89	223.61	-138.20	1,412.11	-1,698.24	3,023.39	2,768.58	254.81	11.865		
6,628.42	6,486.35	6,482.35	6,482.35	33.04	224.58	-138.28	1,412.11	-1,698.24	3,028.02	2,772.11	255.91	11.832		
6,650.00	6,507.49	6,503.49	6,503.49	33.14	225.32	-134.10	1,412.11	-1,698.24	3,031.19	2,774.44	256.75	11.806		
6,700.00	6,556.88	6,552.88	6,552.88	33.37	227.04	-116.62	1,412.11	-1,698.24	3,035.88	2,777.19	258.69	11.735		
6,750.00	6,606.60	6,602.60	6,602.60	33.58	228.78	-78.13	1,412.11	-1,698.24	3,036.81	2,776.18	260.63	11.652		
6,800.00	6,656.35	6,652.35	6,652.35	33.76	230.51	-35.83	1,412.11	-1,698.24	3,033.99	2,771.44	262.55	11.556		
6,850.00	6,705.83	6,701.83	6,701.83	33.94	232.24	-15.18	1,412.11	-1,698.24	3,027.41	2,762.97	264.44	11.448		
6,900.00	6,754.72	6,750.72	6,750.72	34.12	233.95	-5.45	1,412.11	-1,698.24	3,017.13	2,750.83	266.30	11.330		
6,950.00	6,802.72	6,801.28	6,798.72	34.31	235.71	0.07	1,412.11	-1,698.24	3,003.19	2,735.00	268.20	11.198		
7,000.00	6,849.54	6,845.54	6,845.54	34.50	237.26	3.76	1,412.11	-1,698.24	2,985.70	2,715.83	269.86	11.064		
7,050.00	6,894.89	6,890.11	6,890.89	34.71	239.47	6.55	1,412.11	-1,698.24	2,964.74	2,692.55	272.19	10.892		
7,100.00	6,938.49	6,934.49	6,934.49	34.93	240.36	8.92	1,412.11	-1,698.24	2,940.47	2,667.29	273.17	10.764		
7,150.00	6,980.07	6,976.07	6,976.07	35.17	241.81	11.12	1,412.11	-1,698.24	2,913.02	2,638.31	274.71	10.604		
7,200.00	7,019.38	7,015.38	7,015.38	35.43	243.18	13.32	1,412.11	-1,698.24	2,882.58	2,606.41	276.16	10.438		
7,250.00	7,056.17	7,052.17	7,052.17	35.71	244.47	15.67	1,412.11	-1,698.24	2,849.33	2,571.81	277.52	10.267		
7,300.00	7,090.21	7,086.21	7,086.21	36.03	245.66	18.30	1,412.11	-1,698.24	2,813.49	2,534.72	278.77	10.093		
7,350.00	7,121.30	7,117.30	7,117.30	36.37	246.74	21.36	1,412.11	-1,698.24	2,775.29	2,495.38	279.91	9.915		
7,400.00	7,149.25	7,145.25	7,145.25	36.75	247.72	25.04	1,412.11	-1,698.24	2,734.98	2,454.03	280.95	9.735		
7,450.00	7,173.87	7,169.87	7,169.87	37.17	248.58	29.58	1,412.11	-1,698.24	2,692.80	2,410.93	281.87	9.553		
7,500.00	7,195.03	7,208.97	7,191.03	37.62	249.94	35.28	1,412.11	-1,698.24	2,649.05	2,365.75	283.30	9.351		
7,550.00	7,212.58	7,208.58	7,208.58	38.11	249.93	42.52	1,412.11	-1,698.24	2,603.99	2,320.64	283.36	9.190		
7,600.00	7,226.43	7,222.43	7,222.43	38.64	250.41	51.65	1,412.11	-1,698.24	2,557.93	2,274.01	283.92	9.009		
7,650.00	7,236.48	7,232.48	7,232.48	39.20	250.76	62.83	1,412.11	-1,698.24	2,511.15	2,226.79	284.36	8.831		
7,700.00	7,242.68	7,238.68	7,238.68	39.79	250.98	75.61	1,412.11	-1,698.24	2,463.97	2,179.29	284.68	8.655		
7,753.32	7,245.00	7,241.00	7,241.00	40.44	251.06	89.71	1,412.11	-1,698.24	2,413.55	2,128.65	284.89	8.472		
7,800.00	7,245.08	7,241.08	7,241.08	41.04	251.06	89.71	1,412.11	-1,698.24	2,369.51	2,084.49	285.03	8.313		
7,900.00	7,245.26	7,241.26	7,241.26	42.43	251.07	89.73	1,412.11	-1,698.24	2,275.53	1,990.17	285.36	7.974		
8,000.00	7,245.43	7,241.43	7,241.43	43.97	251.07	89.74	1,412.11	-1,698.24	2,182.09	1,896.31	285.77	7.636		
8,100.00	7,245.61	7,241.61	7,241.61	45.64	251.08	89.75	1,412.11	-1,698.24	2,089.25	1,802.97	286.28	7.298		
8,200.00	7,245.79	7,241.79	7,241.79	47.42	251.09	89.77	1,412.11	-1,698.24	1,997.10	1,710.21	286.89	6.961		
8,300.00	7,245.97	7,241.97	7,241.97	49.30	251.09	89.78	1,412.11	-1,698.24	1,905.75	1,618.11	287.63	6.626		
8,400.00	7,246.14	7,242.14	7,242.14	51.28	251.10	89.79	1,412.11	-1,698.24	1,815.30	1,526.77	288.53	6.292		
8,500.00	7,246.32	7,242.32	7,242.32	53.34	251.11	89.80	1,412.11	-1,698.24	1,725.91	1,436.31	289.60	5.960		
8,600.00	7,246.50	7,242.50	7,242.50	55.46	251.11	89.82	1,412.11	-1,698.24	1,637.75	1,346.87	290.89	5.630		
8,700.00	7,246.67	7,242.67	7,242.67	57.66	251.12	89.83	1,412.11	-1,698.24	1,551.03	1,258.62	292.41	5.304		
8,800.00	7,246.85	7,242.85	7,242.85	59.90	251.12	89.84	1,412.11	-1,698.24	1,466.00	1,171.77	294.23	4.983		
8,900.00	7,247.03	7,243.03	7,243.03	62.20	251.13	89.86	1,412.11	-1,698.24	1,382.97	1,086.60	296.36	4.666		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,243.21	7,243.21	64.55	251.14	89.87	1,412.11	-1,698.24	1,302.33	1,003.46	298.87	4.358		
9,100.00	7,247.38	7,243.38	7,243.38	66.93	251.14	89.88	1,412.11	-1,698.24	1,224.54	922.76	301.79	4.058		
9,200.00	7,247.56	7,243.56	7,243.56	69.35	251.15	89.89	1,412.11	-1,698.24	1,150.20	845.05	305.16	3.769		
9,300.00	7,247.74	7,243.74	7,243.74	71.80	251.16	89.91	1,412.11	-1,698.24	1,080.01	771.02	308.99	3.495		
9,400.00	7,247.91	7,243.91	7,243.91	74.29	251.16	89.92	1,412.11	-1,698.24	1,014.83	701.53	313.29	3.239		
9,500.00	7,248.09	7,244.09	7,244.09	76.79	251.17	89.93	1,412.11	-1,698.24	955.68	637.67	318.01	3.005		
9,600.00	7,248.27	7,244.27	7,244.27	79.33	251.17	89.94	1,412.11	-1,698.24	903.76	580.74	323.01	2.798		
9,700.00	7,248.45	7,244.45	7,244.45	81.88	251.18	89.96	1,412.11	-1,698.24	860.37	532.25	328.11	2.622		
9,800.00	7,248.62	7,244.62	7,244.62	84.45	251.19	89.97	1,412.11	-1,698.24	826.85	493.84	333.02	2.483		
9,900.00	7,248.80	7,244.80	7,244.80	87.04	251.19	89.98	1,412.11	-1,698.24	804.45	467.08	337.37	2.384		
10,000.00	7,248.98	7,244.98	7,244.98	89.65	251.20	90.00	1,412.11	-1,698.24	794.10	453.28	340.82	2.330		
10,032.73	7,249.04	7,245.04	7,245.04	90.51	251.20	90.00	1,412.11	-1,698.24	793.43	451.72	341.71	2.322 CC, ES		
10,100.00	7,249.15	7,245.15	7,245.15	92.28	251.20	90.01	1,412.11	-1,698.24	796.27	453.17	343.10	2.321 SF		
10,200.00	7,249.33	7,245.33	7,245.33	94.91	251.21	90.02	1,412.11	-1,698.24	810.87	466.74	344.12	2.356		
10,300.00	7,249.51	7,245.51	7,245.51	97.56	251.22	90.03	1,412.11	-1,698.24	837.23	493.28	343.95	2.434		
10,400.00	7,249.69	7,245.69	7,245.69	100.22	251.22	90.05	1,412.11	-1,698.24	874.31	531.50	342.81	2.550		
10,500.00	7,249.86	7,245.86	7,245.86	102.89	251.23	90.06	1,412.11	-1,698.24	920.80	579.83	340.96	2.701		
10,600.00	7,250.04	7,246.04	7,246.04	105.57	251.24	90.07	1,412.11	-1,698.24	975.36	636.68	338.68	2.880		
10,700.00	7,250.22	7,246.22	7,246.22	108.27	251.24	90.09	1,412.11	-1,698.24	1,036.71	700.54	336.17	3.084		
10,800.00	7,250.39	7,246.39	7,246.39	110.96	251.25	90.10	1,412.11	-1,698.24	1,103.73	770.12	333.61	3.308		
10,900.00	7,250.57	7,246.57	7,246.57	113.67	251.25	90.11	1,412.11	-1,698.24	1,175.45	844.36	331.09	3.550		
11,000.00	7,250.75	7,246.75	7,246.75	116.39	251.26	90.12	1,412.11	-1,698.24	1,251.05	922.37	328.68	3.806		
11,100.00	7,250.93	7,246.93	7,246.93	119.11	251.27	90.14	1,412.11	-1,698.24	1,329.88	1,003.46	326.42	4.074		
11,200.00	7,251.10	7,247.10	7,247.10	121.83	251.27	90.15	1,412.11	-1,698.24	1,411.40	1,087.08	324.32	4.352		
11,300.00	7,251.28	7,247.28	7,247.28	124.57	251.28	90.16	1,412.11	-1,698.24	1,495.16	1,172.78	322.38	4.638		
11,400.00	7,251.46	7,247.46	7,247.46	127.31	251.29	90.17	1,412.11	-1,698.24	1,580.80	1,260.20	320.60	4.931		
11,500.00	7,251.63	7,247.63	7,247.63	130.05	251.29	90.19	1,412.11	-1,698.24	1,668.05	1,349.08	318.97	5.229		
11,600.00	7,251.81	7,247.81	7,247.81	132.80	251.30	90.20	1,412.11	-1,698.24	1,756.66	1,439.17	317.49	5.533		
11,700.00	7,251.99	7,247.99	7,247.99	135.55	251.30	90.21	1,412.11	-1,698.24	1,846.43	1,530.31	316.12	5.841		
11,800.00	7,252.17	7,248.17	7,248.17	138.31	251.31	90.23	1,412.11	-1,698.24	1,937.20	1,622.32	314.88	6.152		
11,900.00	7,252.34	7,248.34	7,248.34	141.07	251.32	90.24	1,412.11	-1,698.24	2,028.84	1,715.10	313.74	6.467		
12,000.00	7,252.52	7,248.52	7,248.52	143.84	251.32	90.25	1,412.11	-1,698.24	2,121.24	1,808.55	312.69	6.784		
12,100.00	7,252.70	7,248.70	7,248.70	146.61	251.33	90.26	1,412.11	-1,698.24	2,214.30	1,902.56	311.74	7.103		
12,200.00	7,252.87	7,248.87	7,248.87	149.38	251.33	90.28	1,412.11	-1,698.24	2,307.94	1,997.08	310.85	7.424		
12,300.00	7,253.05	7,249.05	7,249.05	152.16	251.34	90.29	1,412.11	-1,698.24	2,402.09	2,092.04	310.04	7.748		
12,400.00	7,253.23	7,249.23	7,249.23	154.94	251.35	90.30	1,412.11	-1,698.24	2,496.69	2,187.40	309.30	8.072		
12,500.00	7,253.41	7,249.41	7,249.41	157.72	251.35	90.32	1,412.11	-1,698.24	2,591.70	2,283.10	308.61	8.398		
12,600.00	7,253.58	7,249.58	7,249.58	160.51	251.36	90.33	1,412.11	-1,698.24	2,687.08	2,379.11	307.97	8.725		
12,700.00	7,253.76	7,249.76	7,249.76	163.29	251.37	90.34	1,412.11	-1,698.24	2,782.77	2,475.39	307.38	9.053		
12,800.00	7,253.94	7,249.94	7,249.94	166.08	251.37	90.35	1,412.11	-1,698.24	2,878.76	2,571.93	306.83	9.382		
12,900.00	7,254.11	7,250.11	7,250.11	168.88	251.38	90.37	1,412.11	-1,698.24	2,975.02	2,668.69	306.32	9.712		
13,000.00	7,254.29	7,250.29	7,250.29	171.67	251.38	90.38	1,412.11	-1,698.24	3,071.51	2,765.66	305.85	10.042		
13,100.00	7,254.47	7,250.47	7,250.47	174.47	251.39	90.39	1,412.11	-1,698.24	3,168.22	2,862.81	305.42	10.373		
13,200.00	7,254.65	7,250.65	7,250.65	177.27	251.40	90.41	1,412.11	-1,698.24	3,265.13	2,960.12	305.01	10.705		
13,300.00	7,254.82	7,250.82	7,250.82	180.07	251.40	90.42	1,412.11	-1,698.24	3,362.22	3,057.59	304.63	11.037		
13,400.00	7,255.00	7,251.00	7,251.00	182.87	251.41	90.43	1,412.11	-1,698.24	3,459.48	3,155.20	304.27	11.370		
13,500.00	7,255.18	7,251.18	7,251.18	185.67	251.41	90.44	1,412.11	-1,698.24	3,556.89	3,252.94	303.94	11.702		
13,600.00	7,255.35	7,251.35	7,251.35	188.48	251.42	90.46	1,412.11	-1,698.24	3,654.43	3,350.80	303.64	12.036		
13,700.00	7,255.53	7,251.53	7,251.53	191.29	251.43	90.47	1,412.11	-1,698.24	3,752.11	3,448.76	303.35	12.369		
13,800.00	7,255.71	7,251.71	7,251.71	194.10	251.43	90.48	1,412.11	-1,698.24	3,849.91	3,546.83	303.08	12.703		
13,900.00	7,255.89	7,251.89	7,251.89	196.91	251.44	90.49	1,412.11	-1,698.24	3,947.82	3,644.99	302.83	13.036		
14,000.00	7,256.06	7,252.06	7,252.06	199.72	251.45	90.51	1,412.11	-1,698.24	4,045.82	3,743.23	302.59	13.370		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,252.24	7,252.24	202.53	251.45	90.52	1,412.11	-1,698.24	4,143.93	3,841.55	302.37	13.705		
14,200.00	7,256.42	7,252.42	7,252.42	205.35	251.46	90.53	1,412.11	-1,698.24	4,242.12	3,939.95	302.17	14.039		
14,300.00	7,256.59	7,252.59	7,252.59	208.16	251.46	90.55	1,412.11	-1,698.24	4,340.40	4,038.42	301.98	14.373		
14,400.00	7,256.77	7,252.77	7,252.77	210.98	251.47	90.56	1,412.11	-1,698.24	4,438.75	4,136.95	301.80	14.708		
14,500.00	7,256.95	7,252.95	7,252.95	213.80	251.48	90.57	1,412.11	-1,698.24	4,537.17	4,235.54	301.63	15.042		
14,600.00	7,257.13	7,253.13	7,253.13	216.62	251.48	90.58	1,412.11	-1,698.24	4,635.67	4,334.19	301.47	15.377		
14,700.00	7,257.30	7,253.30	7,253.30	219.44	251.49	90.60	1,412.11	-1,698.24	4,734.22	4,432.89	301.33	15.711		
14,800.00	7,257.48	7,253.48	7,253.48	222.26	251.50	90.61	1,412.11	-1,698.24	4,832.84	4,531.64	301.19	16.046		
14,900.00	7,257.66	7,253.66	7,253.66	225.08	251.50	90.62	1,412.11	-1,698.24	4,931.51	4,630.44	301.06	16.380		
15,000.00	7,257.83	7,253.83	7,253.83	227.91	251.51	90.64	1,412.11	-1,698.24	5,030.23	4,729.28	300.95	16.715		
15,100.00	7,258.01	7,254.01	7,254.01	230.73	251.51	90.65	1,412.11	-1,698.24	5,129.00	4,828.17	300.84	17.049		
15,200.00	7,258.19	7,254.19	7,254.19	233.56	251.52	90.66	1,412.11	-1,698.24	5,227.82	4,927.09	300.73	17.383		
15,300.00	7,258.37	7,254.37	7,254.37	236.38	251.53	90.67	1,412.11	-1,698.24	5,326.68	5,026.04	300.64	17.718		
15,400.00	7,258.54	7,254.54	7,254.54	239.21	251.53	90.69	1,412.11	-1,698.24	5,425.59	5,125.04	300.55	18.052		
15,500.00	7,258.72	7,254.72	7,254.72	242.04	251.54	90.70	1,412.11	-1,698.24	5,524.53	5,224.06	300.47	18.386		
15,600.00	7,258.90	7,254.90	7,254.90	244.87	251.54	90.71	1,412.11	-1,698.24	5,623.51	5,323.12	300.40	18.720		
15,700.00	7,259.08	7,255.08	7,255.08	247.70	251.55	90.72	1,412.11	-1,698.24	5,722.53	5,422.20	300.33	19.054		
15,800.00	7,259.25	7,255.25	7,255.25	250.53	251.56	90.74	1,412.11	-1,698.24	5,821.58	5,521.31	300.27	19.388		
15,900.00	7,259.43	7,255.43	7,255.43	253.36	251.56	90.75	1,412.11	-1,698.24	5,920.66	5,620.45	300.21	19.722		
16,000.00	7,259.61	7,255.61	7,255.61	256.19	251.57	90.76	1,412.11	-1,698.24	6,019.78	5,719.62	300.16	20.055		
16,100.00	7,259.78	7,255.78	7,255.78	259.02	251.58	90.78	1,412.11	-1,698.24	6,118.92	5,818.81	300.11	20.389		
16,200.00	7,259.96	7,255.96	7,255.96	261.85	251.58	90.79	1,412.11	-1,698.24	6,218.09	5,918.02	300.07	20.722		
16,300.00	7,260.14	7,256.14	7,256.14	264.68	251.59	90.80	1,412.11	-1,698.24	6,317.28	6,017.25	300.03	21.055		
16,400.00	7,260.32	7,256.32	7,256.32	267.52	251.59	90.81	1,412.11	-1,698.24	6,416.50	6,116.50	300.00	21.388		
16,500.00	7,260.49	7,256.49	7,256.49	270.35	251.60	90.83	1,412.11	-1,698.24	6,515.75	6,215.77	299.97	21.721		
16,600.00	7,260.67	7,256.67	7,256.67	273.19	251.61	90.84	1,412.11	-1,698.24	6,615.01	6,315.06	299.95	22.054		
16,700.00	7,260.85	7,256.85	7,256.85	276.02	251.61	90.85	1,412.11	-1,698.24	6,714.30	6,414.37	299.93	22.386		
16,800.00	7,261.02	7,257.02	7,257.02	278.86	251.62	90.87	1,412.11	-1,698.24	6,813.61	6,513.70	299.91	22.719		
16,900.00	7,261.20	7,257.20	7,257.20	281.69	251.63	90.88	1,412.11	-1,698.24	6,912.94	6,613.04	299.90	23.051		
17,000.00	7,261.38	7,257.38	7,257.38	284.53	251.63	90.89	1,412.11	-1,698.24	7,012.29	6,712.40	299.89	23.383		
17,100.00	7,261.56	7,257.56	7,257.56	287.37	251.64	90.90	1,412.11	-1,698.24	7,111.66	6,811.77	299.89	23.714		
17,200.00	7,261.73	7,257.73	7,257.73	290.21	251.64	90.92	1,412.11	-1,698.24	7,211.04	6,911.16	299.88	24.046		
17,300.00	7,261.91	7,257.91	7,257.91	293.04	251.65	90.93	1,412.11	-1,698.24	7,310.44	7,010.56	299.89	24.377		
17,400.00	7,262.09	7,258.09	7,258.09	295.88	251.66	90.94	1,412.11	-1,698.24	7,409.86	7,109.97	299.89	24.709		
17,500.00	7,262.26	7,258.26	7,258.26	298.72	251.66	90.96	1,412.11	-1,698.24	7,509.29	7,209.39	299.90	25.040		
17,600.00	7,262.44	7,258.44	7,258.44	301.56	251.67	90.97	1,412.11	-1,698.24	7,608.74	7,308.83	299.91	25.370		
17,700.00	7,262.62	7,258.62	7,258.62	304.40	251.67	90.98	1,412.11	-1,698.24	7,708.20	7,408.28	299.92	25.701		
17,800.00	7,262.80	7,258.80	7,258.80	307.24	251.68	90.99	1,412.11	-1,698.24	7,807.68	7,507.74	299.94	26.031		
17,900.00	7,262.97	7,258.97	7,258.97	310.08	251.69	91.01	1,412.11	-1,698.24	7,907.16	7,607.21	299.95	26.361		
18,000.00	7,263.15	7,259.15	7,259.15	312.92	251.69	91.02	1,412.11	-1,698.24	8,006.67	7,706.69	299.97	26.691		
18,100.00	7,263.33	7,259.33	7,259.33	315.76	251.70	91.03	1,412.11	-1,698.24	8,106.18	7,806.18	300.00	27.021		
18,200.00	7,263.50	7,259.50	7,259.50	318.61	251.71	91.04	1,412.11	-1,698.24	8,205.71	7,905.68	300.02	27.350		
18,300.00	7,263.68	7,259.68	7,259.68	321.45	251.71	91.06	1,412.11	-1,698.24	8,305.24	8,005.19	300.05	27.679		
18,400.00	7,263.86	7,259.86	7,259.86	324.29	251.72	91.07	1,412.11	-1,698.24	8,404.79	8,104.71	300.08	28.008		
18,500.00	7,264.04	7,260.04	7,260.04	327.13	251.72	91.08	1,412.11	-1,698.24	8,504.35	8,204.23	300.11	28.337		
18,600.00	7,264.21	7,260.21	7,260.21	329.97	251.73	91.10	1,412.11	-1,698.24	8,603.92	8,303.77	300.15	28.665		
18,700.00	7,264.39	7,260.39	7,260.39	332.82	251.74	91.11	1,412.11	-1,698.24	8,703.50	8,403.31	300.19	28.994		
18,800.00	7,264.57	7,260.57	7,260.57	335.66	251.74	91.12	1,412.11	-1,698.24	8,803.08	8,502.86	300.22	29.322		
18,900.00	7,264.74	7,260.74	7,260.74	338.51	251.75	91.13	1,412.11	-1,698.24	8,902.68	8,602.42	300.27	29.649		
19,000.00	7,264.92	7,260.92	7,260.92	341.35	251.76	91.15	1,412.11	-1,698.24	9,002.29	8,701.98	300.31	29.977		
19,044.52	7,265.00	7,261.00	7,261.00	342.62	251.76	91.15	1,412.11	-1,698.24	9,046.64	8,746.31	300.33	30.123		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	-107.22	-2,213.57	-7,143.84	7,478.93					
100.00	100.00	85.33	85.33	3.28	3.29	-107.22	-2,213.79	-7,143.80	7,478.95	7,472.38	6.57	1,138.339		
200.00	200.00	174.43	174.42	3.34	3.31	-107.22	-2,214.45	-7,143.69	7,479.06	7,472.42	6.65	1,125.143		
300.00	299.98	258.20	258.20	3.44	3.38	-172.79	-2,215.29	-7,143.74	7,481.14	7,474.31	6.82	1,096.354		
400.00	399.84	356.64	356.63	3.60	3.51	-172.78	-2,216.41	-7,143.81	7,486.74	7,479.63	7.11	1,052.644		
500.00	499.45	447.99	447.97	3.81	3.67	-172.77	-2,217.06	-7,144.11	7,495.91	7,488.43	7.48	1,002.214		
600.00	598.70	551.25	551.23	4.06	3.89	-172.75	-2,217.48	-7,144.54	7,508.51	7,500.56	7.95	944.679		
700.00	697.47	636.16	636.14	4.34	4.10	-172.73	-2,218.09	-7,144.83	7,524.56	7,516.12	8.44	891.396		
800.00	795.62	707.06	707.03	4.66	4.30	-172.69	-2,218.52	-7,145.34	7,544.35	7,535.41	8.95	843.384		
824.00	819.08	727.13	727.11	4.75	4.35	-172.69	-2,218.62	-7,145.54	7,549.65	7,540.56	9.09	830.986		
900.00	893.28	790.75	790.72	5.02	4.54	-172.70	-2,218.88	-7,146.22	7,566.80	7,557.28	9.52	794.846		
1,000.00	990.92	881.43	881.40	5.40	4.82	-172.72	-2,219.42	-7,147.26	7,589.48	7,579.34	10.14	748.157		
1,100.00	1,088.56	972.17	972.12	5.80	5.12	-172.74	-2,220.00	-7,148.37	7,612.25	7,601.45	10.80	704.736		
1,200.00	1,186.19	1,017.96	1,017.91	6.21	5.27	-172.75	-2,219.94	-7,149.22	7,635.39	7,624.07	11.33	674.185		
1,300.00	1,283.83	1,061.00	1,060.93	6.64	5.42	-172.75	-2,219.46	-7,150.45	7,659.18	7,647.33	11.85	646.220		
1,400.00	1,381.47	1,107.63	1,107.51	7.08	5.57	-172.75	-2,218.53	-7,152.23	7,683.63	7,671.23	12.40	619.648		
1,500.00	1,479.10	1,153.00	1,152.81	7.53	5.73	-172.74	-2,217.25	-7,154.44	7,708.76	7,695.81	12.95	595.201		
1,600.00	1,576.74	1,195.15	1,194.86	7.99	5.88	-172.74	-2,215.67	-7,156.92	7,734.55	7,721.05	13.50	572.969		
1,700.00	1,674.38	1,248.00	1,247.51	8.45	6.07	-172.72	-2,213.07	-7,160.61	7,761.00	7,746.91	14.09	550.754		
1,800.00	1,772.02	1,248.00	1,247.51	8.92	6.07	-172.72	-2,213.07	-7,160.61	7,788.26	7,773.77	14.49	537.509		
1,900.00	1,869.65	1,304.76	1,303.97	9.39	6.28	-172.70	-2,209.73	-7,165.43	7,816.07	7,800.96	15.11	517.397		
2,000.00	1,967.29	1,343.00	1,341.94	9.87	6.42	-172.68	-2,207.25	-7,169.25	7,844.81	7,829.15	15.66	501.104		
2,100.00	2,064.93	1,381.96	1,380.57	10.35	6.57	-172.66	-2,204.50	-7,173.50	7,874.25	7,858.04	16.21	485.749		
2,200.00	2,162.56	1,438.00	1,436.04	10.83	6.79	-172.62	-2,200.09	-7,180.06	7,904.26	7,887.42	16.84	469.406		
2,300.00	2,260.20	1,505.74	1,503.01	11.32	7.07	-172.57	-2,194.30	-7,188.44	7,934.68	7,917.16	17.52	452.782		
2,400.00	2,357.84	1,592.90	1,589.13	11.80	7.43	-172.51	-2,186.56	-7,199.45	7,965.30	7,946.99	18.30	435.180		
2,500.00	2,455.48	1,670.16	1,665.47	12.29	7.77	-172.46	-2,179.81	-7,209.25	7,996.01	7,976.97	19.05	419.787		
2,600.00	2,553.11	1,772.88	1,767.03	12.78	8.23	-172.39	-2,171.74	-7,222.30	8,026.99	8,007.08	19.92	403.021		
2,700.00	2,650.75	1,868.16	1,861.33	13.27	8.66	-172.34	-2,164.64	-7,233.91	8,057.62	8,036.86	20.76	388.142		
2,800.00	2,748.39	1,959.93	1,952.22	13.77	9.08	-172.29	-2,158.69	-7,245.14	8,088.54	8,066.95	21.59	374.641		
2,900.00	2,846.02	2,077.35	2,068.60	14.26	9.62	-172.23	-2,151.47	-7,258.98	8,119.14	8,096.59	22.55	360.056		
3,000.00	2,943.66	2,165.61	2,156.00	14.76	10.03	-172.19	-2,145.28	-7,269.57	8,149.73	8,126.35	23.38	348.633		
3,100.00	3,041.30	2,283.93	2,273.10	15.25	10.60	-172.12	-2,136.28	-7,283.96	8,180.32	8,155.96	24.36	335.822		
3,200.00	3,138.94	2,432.55	2,420.24	15.75	11.31	-172.03	-2,124.60	-7,301.32	8,210.39	8,184.89	25.50	321.943		
3,300.00	3,236.57	2,553.02	2,539.56	16.25	11.90	-171.96	-2,114.94	-7,314.78	8,239.96	8,213.45	26.51	310.813		
3,400.00	3,334.21	2,639.96	2,625.65	16.75	12.32	-171.91	-2,107.69	-7,324.50	8,269.47	8,242.12	27.35	302.336		
3,500.00	3,431.85	2,711.69	2,696.71	17.25	12.67	-171.87	-2,102.11	-7,332.55	8,299.17	8,271.06	28.12	295.181		
3,600.00	3,529.48	2,777.29	2,761.68	17.75	13.00	-171.83	-2,097.10	-7,340.12	8,329.20	8,300.36	28.85	288.731		
3,700.00	3,627.12	2,843.58	2,827.30	18.25	13.33	-171.80	-2,091.96	-7,348.03	8,359.57	8,329.99	29.58	282.564		
3,800.00	3,724.76	2,924.46	2,907.30	18.75	13.73	-171.75	-2,085.48	-7,357.98	8,390.22	8,359.82	30.40	275.985		
3,900.00	3,822.40	3,042.55	3,024.12	19.25	14.33	-171.68	-2,076.11	-7,372.45	8,420.86	8,389.44	31.42	268.032		
4,000.00	3,920.03	3,155.31	3,135.77	19.75	14.89	-171.62	-2,067.63	-7,385.77	8,451.20	8,418.80	32.41	260.797		
4,100.00	4,017.67	3,203.64	3,183.59	20.25	15.14	-171.60	-2,063.88	-7,391.63	8,481.75	8,448.70	33.05	256.634		
4,200.00	4,115.31	3,302.56	3,281.47	20.76	15.64	-171.54	-2,056.50	-7,403.93	8,512.69	8,478.73	33.97	250.625		
4,300.00	4,212.94	3,371.57	3,348.37	21.26	16.97	-171.44	-2,040.44	-7,433.37	8,542.99	8,507.21	35.78	238.777		
4,400.00	4,310.58	3,692.17	3,668.05	21.76	17.56	-171.38	-2,031.67	-7,445.35	8,571.70	8,534.89	36.81	232.872		
4,500.00	4,408.22	3,791.94	3,767.03	22.27	18.05	-171.33	-2,023.85	-7,455.18	8,600.17	8,562.44	37.73	227.924		
4,600.00	4,505.86	3,941.37	3,915.26	22.77	18.79	-171.26	-2,011.34	-7,469.37	8,628.09	8,589.16	38.93	221.642		
4,700.00	4,603.49	4,002.00	3,975.35	23.28	19.09	-171.22	-2,005.90	-7,475.36	8,656.26	8,616.61	39.65	218.329		
4,800.00	4,701.13	4,046.87	4,019.78	23.78	19.32	-171.20	-2,001.83	-7,480.03	8,684.90	8,644.61	40.28	215.602		
4,900.00	4,798.77	4,127.88	4,099.95	24.28	19.73	-171.15	-1,994.18	-7,488.87	8,713.95	8,672.83	41.12	211.933		
5,000.00	4,896.40	4,243.87	4,214.74	24.79	20.33	-171.08	-1,983.06	-7,501.20	8,742.69	8,700.54	42.15	207.435		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	4,328.23	4,298.35	25.30	20.75	-171.04	-1,976.09	-7,509.97	8,771.60	8,728.60	43.00	204.012		
5,200.00	5,091.68	4,421.84	4,391.22	25.80	21.22	-171.00	-1,969.14	-7,519.50	8,800.52	8,756.63	43.89	200.510		
5,300.00	5,189.32	4,595.57	4,563.87	26.31	22.06	-170.94	-1,958.97	-7,535.79	8,829.15	8,783.95	45.21	195.306		
5,400.00	5,286.95	4,652.45	4,620.50	26.81	22.33	-170.93	-1,956.70	-7,540.67	8,857.48	8,811.59	45.89	193.025		
5,500.00	5,384.59	5,251.77	5,218.71	27.32	24.94	-170.94	-1,946.21	-7,571.57	8,882.75	8,833.53	49.22	180.457		
5,600.00	5,482.23	5,340.69	5,307.61	27.82	25.31	-170.95	-1,945.66	-7,573.39	8,905.87	8,855.82	50.05	177.942		
5,700.00	5,579.87	5,449.17	5,416.07	28.33	25.75	-170.97	-1,945.10	-7,575.57	8,928.98	8,878.02	50.96	175.199		
5,800.00	5,677.50	5,555.12	5,522.01	28.84	26.18	-170.99	-1,945.14	-7,577.35	8,951.92	8,900.05	51.87	172.598		
5,900.00	5,775.14	5,642.42	5,609.30	29.34	26.53	-171.01	-1,945.40	-7,578.82	8,974.93	8,922.25	52.68	170.368		
6,000.00	5,872.78	5,742.20	5,709.05	29.85	26.94	-171.03	-1,945.25	-7,580.65	8,997.97	8,944.42	53.55	168.015		
6,100.00	5,970.41	5,846.97	5,813.80	30.36	27.37	-171.05	-1,945.13	-7,582.51	9,020.97	8,966.51	54.46	165.658		
6,200.00	6,068.05	5,939.31	5,906.14	30.86	27.75	-171.06	-1,944.90	-7,584.11	9,043.89	8,988.59	55.30	163.547		
6,300.00	6,165.69	6,022.33	5,989.13	31.37	28.09	-171.08	-1,944.92	-7,585.66	9,067.00	9,010.90	56.10	161.631		
6,400.00	6,263.33	6,205.27	6,172.06	31.88	28.82	-171.12	-1,945.61	-7,588.18	9,089.82	9,032.46	57.36	158.477		
6,500.00	6,360.96	6,282.00	6,248.78	32.38	29.13	-171.14	-1,946.02	-7,588.90	9,112.20	9,054.07	58.12	156.776		
6,600.00	6,458.60	6,390.20	6,356.98	32.89	29.56	-171.16	-1,946.72	-7,589.91	9,134.60	9,075.57	59.03	154.741		
6,628.42	6,486.35	6,410.00	6,376.78	33.04	29.64	-171.17	-1,947.01	-7,590.04	9,140.96	9,081.73	59.24	154.309		
6,650.00	6,507.49	6,422.52	6,389.29	33.14	29.69	-166.74	-1,947.29	-7,590.11	9,145.47	9,086.09	59.38	154.015		
6,700.00	6,556.88	6,442.00	6,408.76	33.37	29.76	-148.84	-1,947.91	-7,590.18	9,153.34	9,093.68	59.66	153.426		
6,750.00	6,606.60	6,460.73	6,427.47	33.58	29.83	-110.14	-1,948.82	-7,590.24	9,157.64	9,097.72	59.92	152.832		
6,800.00	6,656.35	6,473.00	6,439.71	33.76	29.87	-67.83	-1,949.61	-7,590.27	9,158.35	9,098.22	60.13	152.301		
6,850.00	6,705.83	6,490.80	6,457.45	33.94	29.94	-47.38	-1,951.09	-7,590.29	9,155.48	9,095.14	60.35	151.709		
6,900.00	6,754.72	6,505.00	6,471.57	34.12	29.99	-38.07	-1,952.57	-7,590.27	9,149.05	9,088.52	60.53	151.146		
6,950.00	6,802.72	6,517.06	6,483.55	34.31	30.03	-33.19	-1,954.03	-7,590.25	9,139.08	9,078.40	60.68	150.599		
7,000.00	6,849.54	6,537.00	6,503.28	34.50	30.10	-30.42	-1,956.86	-7,590.20	9,125.68	9,064.83	60.85	149.960		
7,050.00	6,894.89	6,537.00	6,503.28	34.71	30.10	-28.76	-1,956.86	-7,590.20	9,108.85	9,047.93	60.92	149.511		
7,100.00	6,938.49	6,537.00	6,503.28	34.93	30.10	-27.85	-1,956.86	-7,590.20	9,088.78	9,027.80	60.98	149.050		
7,150.00	6,980.07	6,553.92	6,519.96	35.17	30.15	-27.52	-1,959.66	-7,590.17	9,065.47	9,004.39	61.09	148.403		
7,200.00	7,019.38	6,569.00	6,534.79	35.43	30.20	-27.63	-1,962.47	-7,590.17	9,039.16	8,977.98	61.18	147.756		
7,250.00	7,056.17	6,569.00	6,534.79	35.71	30.20	-28.09	-1,962.47	-7,590.17	9,009.89	8,948.70	61.19	147.236		
7,300.00	7,090.21	6,569.00	6,534.79	36.03	30.20	-28.93	-1,962.47	-7,590.17	8,977.90	8,916.70	61.20	146.692		
7,350.00	7,121.30	6,569.00	6,534.79	36.37	30.20	-30.18	-1,962.47	-7,590.17	8,943.35	8,882.14	61.21	146.119		
7,400.00	7,149.25	6,582.38	6,547.88	36.75	30.24	-31.99	-1,965.21	-7,590.19	8,906.36	8,845.10	61.26	145.382		
7,450.00	7,173.87	6,586.21	6,551.62	37.17	30.26	-34.33	-1,966.03	-7,590.21	8,867.22	8,805.94	61.28	144.703		
7,500.00	7,195.03	6,600.00	6,565.05	37.62	30.30	-37.50	-1,969.17	-7,590.28	8,826.15	8,764.81	61.34	143.889		
7,550.00	7,212.58	6,600.00	6,565.05	38.11	30.30	-41.51	-1,969.17	-7,590.28	8,783.29	8,721.94	61.35	143.168		
7,600.00	7,226.43	6,600.00	6,565.05	38.64	30.30	-46.79	-1,969.17	-7,590.28	8,738.95	8,677.58	61.37	142.405		
7,650.00	7,236.48	6,600.00	6,565.05	39.20	30.30	-53.74	-1,969.17	-7,590.28	8,693.38	8,631.99	61.39	141.599		
7,700.00	7,242.68	6,600.00	6,565.05	39.79	30.30	-62.83	-1,969.17	-7,590.28	8,646.85	8,585.41	61.43	140.751		
7,753.32	7,245.00	6,600.00	6,565.05	40.44	30.30	-75.21	-1,969.17	-7,590.28	8,596.46	8,534.97	61.49	139.801		
7,800.00	7,245.08	6,600.00	6,565.05	41.04	30.30	-75.21	-1,969.17	-7,590.28	8,552.13	8,490.58	61.55	138.946		
7,900.00	7,245.26	6,600.00	6,565.05	42.43	30.30	-75.21	-1,969.17	-7,590.28	8,457.23	8,395.53	61.70	137.076		
8,000.00	7,245.43	6,600.00	6,565.05	43.97	30.30	-75.21	-1,969.17	-7,590.28	8,362.45	8,300.57	61.88	135.146		
8,100.00	7,245.61	6,600.00	6,565.05	45.64	30.30	-75.21	-1,969.17	-7,590.28	8,267.79	8,205.70	62.09	133.157		
8,200.00	7,245.79	6,600.00	6,565.05	47.42	30.30	-75.21	-1,969.17	-7,590.28	8,173.26	8,110.92	62.34	131.109		
8,300.00	7,245.97	6,600.00	6,565.05	49.30	30.30	-75.21	-1,969.17	-7,590.28	8,078.86	8,016.23	62.63	129.003		
8,400.00	7,246.14	6,600.00	6,565.05	51.28	30.30	-75.21	-1,969.17	-7,590.28	7,984.59	7,921.64	62.95	126.842		
8,500.00	7,246.32	6,600.00	6,565.05	53.34	30.30	-75.21	-1,969.17	-7,590.28	7,890.47	7,827.16	63.31	124.626		
8,600.00	7,246.50	6,600.00	6,565.05	55.46	30.30	-75.21	-1,969.17	-7,590.28	7,796.50	7,732.78	63.72	122.359		
8,700.00	7,246.67	6,600.00	6,565.05	57.66	30.30	-75.21	-1,969.17	-7,590.28	7,702.67	7,638.51	64.17	120.042		
8,800.00	7,246.85	6,600.00	6,565.05	59.90	30.30	-75.21	-1,969.17	-7,590.28	7,609.01	7,544.35	64.66	117.680		
8,900.00	7,247.03	6,600.00	6,565.05	62.20	30.30	-75.21	-1,969.17	-7,590.28	7,515.50	7,450.31	65.20	115.276		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	6,600.00	6,565.05	64.55	30.30	-75.21	-1,969.17	-7,590.28	7,422.17	7,356.39	65.78	112.834		
9,100.00	7,247.38	6,600.00	6,565.05	66.93	30.30	-75.21	-1,969.17	-7,590.28	7,329.01	7,262.60	66.41	110.357		
9,200.00	7,247.56	6,600.00	6,565.05	69.35	30.30	-75.21	-1,969.17	-7,590.28	7,236.04	7,168.94	67.09	107.851		
9,300.00	7,247.74	6,600.00	6,565.05	71.80	30.30	-75.21	-1,969.17	-7,590.28	7,143.25	7,075.43	67.82	105.319		
9,400.00	7,247.91	6,600.00	6,565.05	74.29	30.30	-75.21	-1,969.17	-7,590.28	7,050.66	6,982.05	68.61	102.767		
9,500.00	7,248.09	6,600.00	6,565.05	76.79	30.30	-75.21	-1,969.17	-7,590.28	6,958.28	6,888.84	69.44	100.199		
9,600.00	7,248.27	6,600.00	6,565.05	79.33	30.30	-75.21	-1,969.17	-7,590.28	6,866.11	6,795.78	70.33	97.621		
9,700.00	7,248.45	6,600.00	6,565.05	81.88	30.30	-75.21	-1,969.17	-7,590.28	6,774.16	6,702.88	71.28	95.037		
9,800.00	7,248.62	6,600.00	6,565.05	84.45	30.30	-75.21	-1,969.17	-7,590.28	6,682.45	6,610.17	72.28	92.451		
9,900.00	7,248.80	6,600.00	6,565.05	87.04	30.30	-75.21	-1,969.17	-7,590.28	6,590.97	6,517.63	73.34	89.869		
10,000.00	7,248.98	6,600.00	6,565.05	89.65	30.30	-75.21	-1,969.17	-7,590.28	6,499.75	6,425.29	74.46	87.295		
10,100.00	7,249.15	6,600.00	6,565.05	92.28	30.30	-75.21	-1,969.17	-7,590.28	6,408.78	6,333.15	75.63	84.733		
10,200.00	7,249.33	6,600.00	6,565.05	94.91	30.30	-75.21	-1,969.17	-7,590.28	6,318.10	6,241.22	76.87	82.189		
10,300.00	7,249.51	6,600.00	6,565.05	97.56	30.30	-75.21	-1,969.17	-7,590.28	6,227.69	6,149.52	78.17	79.665		
10,400.00	7,249.69	6,600.00	6,565.05	100.22	30.30	-75.21	-1,969.17	-7,590.28	6,137.59	6,058.05	79.54	77.165		
10,500.00	7,249.86	6,600.00	6,565.05	102.89	30.30	-75.21	-1,969.17	-7,590.28	6,047.79	5,966.82	80.97	74.693		
10,600.00	7,250.04	6,600.00	6,565.05	105.57	30.30	-75.21	-1,969.17	-7,590.28	5,958.32	5,875.86	82.46	72.253		
10,700.00	7,250.22	6,600.00	6,565.05	108.27	30.30	-75.21	-1,969.17	-7,590.28	5,869.19	5,785.16	84.03	69.847		
10,800.00	7,250.39	6,600.00	6,565.05	110.96	30.30	-75.21	-1,969.17	-7,590.28	5,780.41	5,694.75	85.66	67.478		
10,900.00	7,250.57	6,600.00	6,565.05	113.67	30.30	-75.21	-1,969.17	-7,590.28	5,692.01	5,604.64	87.37	65.149		
11,000.00	7,250.75	6,600.00	6,565.05	116.39	30.30	-75.21	-1,969.17	-7,590.28	5,604.00	5,514.85	89.15	62.862		
11,100.00	7,250.93	6,600.00	6,565.05	119.11	30.30	-75.21	-1,969.17	-7,590.28	5,516.40	5,425.39	91.00	60.619		
11,200.00	7,251.10	6,600.00	6,565.05	121.83	30.30	-75.21	-1,969.17	-7,590.28	5,429.22	5,336.29	92.93	58.421		
11,300.00	7,251.28	6,600.00	6,565.05	124.57	30.30	-75.21	-1,969.17	-7,590.28	5,342.49	5,247.55	94.94	56.271		
11,400.00	7,251.46	6,600.00	6,565.05	127.31	30.30	-75.21	-1,969.17	-7,590.28	5,256.24	5,159.21	97.03	54.170		
11,500.00	7,251.63	6,600.00	6,565.05	130.05	30.30	-75.21	-1,969.17	-7,590.28	5,170.48	5,071.27	99.21	52.118		
11,600.00	7,251.81	6,600.00	6,565.05	132.80	30.30	-75.21	-1,969.17	-7,590.28	5,085.24	4,983.77	101.47	50.117		
11,700.00	7,251.99	6,600.00	6,565.05	135.55	30.30	-75.21	-1,969.17	-7,590.28	5,000.55	4,896.73	103.81	48.168		
11,800.00	7,252.17	6,600.00	6,565.05	138.31	30.30	-75.21	-1,969.17	-7,590.28	4,916.43	4,810.18	106.25	46.272		
11,900.00	7,252.34	6,600.00	6,565.05	141.07	30.30	-75.21	-1,969.17	-7,590.28	4,832.92	4,724.14	108.78	44.427		
12,000.00	7,252.52	6,600.00	6,565.05	143.84	30.30	-75.21	-1,969.17	-7,590.28	4,750.04	4,638.64	111.41	42.637		
12,100.00	7,252.70	6,600.00	6,565.05	146.61	30.30	-75.21	-1,969.17	-7,590.28	4,667.84	4,553.71	114.13	40.899		
12,200.00	7,252.87	6,600.00	6,565.05	149.38	30.30	-75.21	-1,969.17	-7,590.28	4,586.34	4,469.39	116.96	39.214		
12,300.00	7,253.05	6,600.00	6,565.05	152.16	30.30	-75.21	-1,969.17	-7,590.28	4,505.59	4,385.71	119.88	37.583		
12,400.00	7,253.23	6,600.00	6,565.05	154.94	30.30	-75.21	-1,969.17	-7,590.28	4,425.63	4,302.71	122.91	36.006		
12,500.00	7,253.41	6,600.00	6,565.05	157.72	30.30	-75.21	-1,969.17	-7,590.28	4,346.49	4,220.43	126.05	34.481		
12,600.00	7,253.58	6,600.00	6,565.05	160.51	30.30	-75.21	-1,969.17	-7,590.28	4,268.23	4,138.92	129.31	33.009		
12,700.00	7,253.76	6,600.00	6,565.05	163.29	30.30	-75.21	-1,969.17	-7,590.28	4,190.89	4,058.23	132.67	31.589		
12,800.00	7,253.94	6,600.00	6,565.05	166.08	30.30	-75.21	-1,969.17	-7,590.28	4,114.54	3,978.39	136.15	30.221		
12,900.00	7,254.11	6,600.00	6,565.05	168.88	30.30	-75.21	-1,969.17	-7,590.28	4,039.21	3,899.47	139.74	28.905		
13,000.00	7,254.29	6,600.00	6,565.05	171.67	30.30	-75.21	-1,969.17	-7,590.28	3,964.97	3,821.52	143.45	27.640		
13,100.00	7,254.47	6,600.00	6,565.05	174.47	30.30	-75.21	-1,969.17	-7,590.28	3,891.89	3,744.61	147.28	26.424		
13,200.00	7,254.65	6,600.00	6,565.05	177.27	30.30	-75.21	-1,969.17	-7,590.28	3,820.03	3,668.80	151.23	25.259		
13,300.00	7,254.82	6,600.00	6,565.05	180.07	30.30	-75.21	-1,969.17	-7,590.28	3,749.46	3,594.15	155.31	24.142		
13,400.00	7,255.00	6,600.00	6,565.05	182.87	30.30	-75.21	-1,969.17	-7,590.28	3,680.25	3,520.76	159.50	23.074		
13,500.00	7,255.18	6,600.00	6,565.05	185.67	30.30	-75.21	-1,969.17	-7,590.28	3,612.49	3,448.69	163.80	22.054		
13,600.00	7,255.35	6,600.00	6,565.05	188.48	30.30	-75.21	-1,969.17	-7,590.28	3,546.25	3,378.02	168.23	21.080		
13,700.00	7,255.53	6,600.00	6,565.05	191.29	30.30	-75.21	-1,969.17	-7,590.28	3,481.62	3,308.86	172.76	20.153		
13,800.00	7,255.71	6,600.00	6,565.05	194.10	30.30	-75.21	-1,969.17	-7,590.28	3,418.70	3,241.29	177.41	19.271		
13,900.00	7,255.89	6,600.00	6,565.05	196.91	30.30	-75.21	-1,969.17	-7,590.28	3,357.58	3,175.43	182.15	18.433		
14,000.00	7,256.06	6,600.00	6,565.05	199.72	30.30	-75.21	-1,969.17	-7,590.28	3,298.35	3,111.36	186.99	17.639		
14,100.00	7,256.24	6,600.00	6,565.05	202.53	30.30	-75.21	-1,969.17	-7,590.28	3,241.13	3,049.22	191.92	16.888		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	6,600.00	6,565.05	205.35	30.30	-75.21	-1,969.17	-7,590.28	3,186.02	2,989.11	196.92	16.180		
14,300.00	7,256.59	6,600.00	6,565.05	208.16	30.30	-75.21	-1,969.17	-7,590.28	3,133.14	2,931.16	201.98	15.512		
14,400.00	7,256.77	6,600.00	6,565.05	210.98	30.30	-75.21	-1,969.17	-7,590.28	3,082.59	2,875.51	207.09	14.886		
14,500.00	7,256.95	6,600.00	6,565.05	213.80	30.30	-75.21	-1,969.17	-7,590.28	3,034.50	2,822.27	212.23	14.298		
14,600.00	7,257.13	6,600.00	6,565.05	216.62	30.30	-75.21	-1,969.17	-7,590.28	2,988.98	2,771.60	217.38	13.750		
14,700.00	7,257.30	6,600.00	6,565.05	219.44	30.30	-75.21	-1,969.17	-7,590.28	2,946.15	2,723.63	222.52	13.240		
14,800.00	7,257.48	6,600.00	6,565.05	222.26	30.30	-75.21	-1,969.17	-7,590.28	2,906.13	2,678.51	227.63	12.767		
14,900.00	7,257.66	6,600.00	6,565.05	225.08	30.30	-75.21	-1,969.17	-7,590.28	2,869.05	2,636.37	232.68	12.331		
15,000.00	7,257.83	6,600.00	6,565.05	227.91	30.30	-75.21	-1,969.17	-7,590.28	2,835.00	2,597.36	237.64	11.930		
15,100.00	7,258.01	6,600.00	6,565.05	230.73	30.30	-75.21	-1,969.17	-7,590.28	2,804.11	2,561.62	242.50	11.564		
15,200.00	7,258.19	6,600.00	6,565.05	233.56	30.30	-75.21	-1,969.17	-7,590.28	2,776.48	2,529.27	247.21	11.231		
15,300.00	7,258.37	6,600.00	6,565.05	236.38	30.30	-75.21	-1,969.17	-7,590.28	2,752.21	2,500.46	251.75	10.932		
15,400.00	7,258.54	6,600.00	6,565.05	239.21	30.30	-75.21	-1,969.17	-7,590.28	2,731.39	2,475.29	256.10	10.665		
15,500.00	7,258.72	6,600.00	6,565.05	242.04	30.30	-75.21	-1,969.17	-7,590.28	2,714.09	2,453.88	260.21	10.430		
15,600.00	7,258.90	6,600.00	6,565.05	244.87	30.30	-75.21	-1,969.17	-7,590.28	2,700.39	2,436.31	264.08	10.226		
15,700.00	7,259.08	6,600.00	6,565.05	247.70	30.30	-75.21	-1,969.17	-7,590.28	2,690.34	2,422.67	267.67	10.051		
15,800.00	7,259.25	6,600.00	6,565.05	250.53	30.30	-75.21	-1,969.17	-7,590.28	2,683.97	2,413.02	270.95	9.906		
15,900.00	7,259.43	6,600.00	6,565.05	253.36	30.30	-75.21	-1,969.17	-7,590.28	2,681.33	2,407.40	273.93	9.789		
15,920.95	7,259.47	6,600.00	6,565.05	253.95	30.30	-75.21	-1,969.17	-7,590.28	2,681.25	2,406.74	274.51	9.768 CC		
16,000.00	7,259.61	6,600.00	6,565.05	256.19	30.30	-75.21	-1,969.17	-7,590.28	2,682.41	2,405.85	276.57	9.699 ES		
16,100.00	7,259.78	6,611.87	6,576.55	259.02	30.34	-75.46	-1,972.07	-7,590.38	2,687.10	2,407.89	279.22	9.624		
16,200.00	7,259.96	6,612.12	6,576.80	261.85	30.34	-75.47	-1,972.14	-7,590.38	2,695.61	2,414.43	281.18	9.587		
16,300.00	7,260.14	6,612.38	6,577.05	264.68	30.34	-75.48	-1,972.20	-7,590.38	2,707.78	2,424.99	282.79	9.575 SF		
16,400.00	7,260.32	6,612.64	6,577.31	267.52	30.34	-75.48	-1,972.27	-7,590.39	2,723.58	2,439.51	284.06	9.588		
16,500.00	7,260.49	6,612.91	6,577.56	270.35	30.34	-75.49	-1,972.34	-7,590.39	2,742.93	2,457.93	285.00	9.624		
16,600.00	7,260.67	6,613.18	6,577.82	273.19	30.34	-75.49	-1,972.40	-7,590.39	2,765.76	2,480.17	285.60	9.684		
16,700.00	7,260.85	6,613.45	6,578.09	276.02	30.34	-75.50	-1,972.47	-7,590.39	2,791.99	2,506.11	285.89	9.766		
16,800.00	7,261.02	6,613.73	6,578.35	278.86	30.34	-75.50	-1,972.54	-7,590.40	2,821.53	2,535.65	285.88	9.870		
16,900.00	7,261.20	6,614.01	6,578.62	281.69	30.34	-75.51	-1,972.61	-7,590.40	2,854.26	2,568.67	285.59	9.994		
17,000.00	7,261.38	6,614.29	6,578.90	284.53	30.34	-75.52	-1,972.69	-7,590.40	2,890.08	2,605.04	285.04	10.139		
17,100.00	7,261.56	6,614.57	6,579.17	287.37	30.34	-75.52	-1,972.76	-7,590.41	2,928.88	2,644.63	284.26	10.304		
17,200.00	7,261.73	6,614.86	6,579.45	290.21	30.35	-75.53	-1,972.83	-7,590.41	2,970.55	2,687.29	283.25	10.487		
17,300.00	7,261.91	6,615.16	6,579.74	293.04	30.35	-75.53	-1,972.91	-7,590.41	3,014.95	2,732.89	282.06	10.689		
17,400.00	7,262.09	6,615.45	6,580.02	295.88	30.35	-75.54	-1,972.98	-7,590.42	3,061.98	2,781.29	280.69	10.909		
17,500.00	7,262.26	6,615.75	6,580.32	298.72	30.35	-75.55	-1,973.06	-7,590.42	3,111.51	2,832.35	279.16	11.146		
17,600.00	7,262.44	6,616.06	6,580.61	301.56	30.35	-75.55	-1,973.14	-7,590.42	3,163.43	2,885.92	277.51	11.400		
17,700.00	7,262.62	6,616.37	6,580.91	304.40	30.35	-75.56	-1,973.22	-7,590.43	3,217.61	2,941.88	275.74	11.669		
17,800.00	7,262.80	6,616.68	6,581.21	307.24	30.35	-75.57	-1,973.30	-7,590.43	3,273.96	3,000.09	273.87	11.954		
17,900.00	7,262.97	6,617.00	6,581.52	310.08	30.35	-75.57	-1,973.38	-7,590.43	3,332.35	3,060.43	271.92	12.255		
18,000.00	7,263.15	6,617.32	6,581.83	312.92	30.35	-75.58	-1,973.46	-7,590.44	3,392.69	3,122.78	269.91	12.570		
18,100.00	7,263.33	6,617.64	6,582.14	315.76	30.35	-75.59	-1,973.55	-7,590.44	3,454.87	3,187.02	267.85	12.898		
18,200.00	7,263.50	6,617.97	6,582.46	318.61	30.36	-75.59	-1,973.63	-7,590.44	3,518.79	3,253.04	265.75	13.241		
18,300.00	7,263.68	6,618.31	6,582.78	321.45	30.36	-75.60	-1,973.72	-7,590.45	3,584.37	3,320.74	263.62	13.597		
18,400.00	7,263.86	6,618.65	6,583.11	324.29	30.36	-75.61	-1,973.81	-7,590.45	3,651.50	3,390.02	261.48	13.965		
18,500.00	7,264.04	6,618.99	6,583.44	327.13	30.36	-75.62	-1,973.90	-7,590.46	3,720.11	3,460.79	259.32	14.345		
18,600.00	7,264.21	6,619.34	6,583.78	329.97	30.36	-75.62	-1,973.99	-7,590.46	3,790.12	3,532.95	257.17	14.738		
18,700.00	7,264.39	6,619.69	6,584.12	332.82	30.36	-75.63	-1,974.08	-7,590.46	3,861.45	3,606.42	255.02	15.142		
18,800.00	7,264.57	6,620.05	6,584.46	335.66	30.36	-75.64	-1,974.17	-7,590.47	3,934.02	3,681.14	252.88	15.557		
18,900.00	7,264.74	6,620.41	6,584.81	338.51	30.36	-75.65	-1,974.27	-7,590.47	4,007.78	3,757.02	250.76	15.982		
19,000.00	7,264.92	6,620.78	6,585.17	341.35	30.36	-75.65	-1,974.37	-7,590.48	4,082.65	3,833.99	248.66	16.418		
19,044.52	7,265.00	6,620.94	6,585.33	342.62	30.36	-75.66	-1,974.41	-7,590.48	4,116.33	3,868.59	247.74	16.616		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	-107.28	-2,212.12	-7,112.69	7,448.75					
100.00	100.00	112.60	112.60	3.28	3.29	-107.28	-2,212.31	-7,112.45	7,448.61	7,442.03	6.57	1,133.032		
200.00	200.00	203.27	203.27	3.34	3.33	-107.28	-2,212.79	-7,112.01	7,448.31	7,441.64	6.67	1,117.276		
204.74	204.74	206.97	206.97	3.34	3.33	-172.84	-2,212.82	-7,111.99	7,448.30	7,441.63	6.67	1,116.157		
300.00	299.98	262.30	262.29	3.44	3.38	-172.84	-2,213.33	-7,111.84	7,450.08	7,443.25	6.83	1,091.243		
400.00	399.84	305.97	305.96	3.60	3.43	-172.83	-2,213.71	-7,112.06	7,456.02	7,448.98	7.04	1,059.256		
500.00	499.45	450.50	450.48	3.81	3.67	-172.83	-2,215.13	-7,113.20	7,465.80	7,458.33	7.48	998.502		
600.00	598.70	579.79	579.75	4.06	3.95	-172.83	-2,216.92	-7,112.98	7,478.12	7,470.11	8.01	933.644		
700.00	697.47	710.44	710.39	4.34	4.30	-172.82	-2,218.41	-7,112.43	7,493.59	7,484.95	8.64	867.574		
800.00	795.62	792.46	792.41	4.66	4.54	-172.80	-2,219.62	-7,111.93	7,512.38	7,503.19	9.19	817.404		
824.00	819.08	821.47	821.41	4.75	4.63	-172.79	-2,220.08	-7,111.74	7,517.40	7,508.03	9.36	802.895		
900.00	893.28	933.00	932.93	5.02	4.99	-172.83	-2,221.66	-7,110.84	7,533.46	7,523.49	9.97	755.521		
1,000.00	990.92	1,040.88	1,040.79	5.40	5.35	-172.87	-2,222.86	-7,109.51	7,554.08	7,543.40	10.68	707.218		
1,100.00	1,088.56	1,124.34	1,124.25	5.80	5.64	-172.89	-2,223.24	-7,108.78	7,574.85	7,563.51	11.34	668.267		
1,200.00	1,186.19	1,223.58	1,223.49	6.21	6.00	-172.91	-2,223.54	-7,108.09	7,595.74	7,583.67	12.07	629.399		
1,300.00	1,283.83	1,309.01	1,308.92	6.64	6.31	-172.93	-2,223.85	-7,107.47	7,616.62	7,603.85	12.77	596.379		
1,400.00	1,381.47	1,415.71	1,415.60	7.08	6.71	-172.96	-2,224.24	-7,106.86	7,637.66	7,624.09	13.57	562.779		
1,500.00	1,479.10	1,520.59	1,520.48	7.53	7.11	-172.98	-2,224.23	-7,106.14	7,658.47	7,644.09	14.38	532.710		
1,600.00	1,576.74	1,631.91	1,631.80	7.99	7.54	-173.01	-2,224.19	-7,105.28	7,679.20	7,663.98	15.22	504.539		
1,700.00	1,674.38	1,707.29	1,707.19	8.45	7.83	-173.02	-2,224.18	-7,104.73	7,699.97	7,684.04	15.93	483.303		
1,800.00	1,772.02	1,809.16	1,809.05	8.92	8.24	-173.05	-2,224.43	-7,104.07	7,720.90	7,704.14	16.76	460.616		
1,900.00	1,869.65	1,867.99	1,867.88	9.39	8.47	-173.06	-2,224.65	-7,103.74	7,741.97	7,724.56	17.41	444.587		
2,000.00	1,967.29	1,917.00	1,916.89	9.87	8.66	-173.07	-2,224.52	-7,103.87	7,763.62	7,745.59	18.03	430.668		
2,100.00	2,064.93	1,980.77	1,980.65	10.35	8.90	-173.08	-2,223.88	-7,104.55	7,785.77	7,767.08	18.69	416.505		
2,200.00	2,162.56	2,050.67	2,050.52	10.83	9.16	-173.08	-2,222.51	-7,105.85	7,808.37	7,788.98	19.39	402.752		
2,300.00	2,260.20	2,148.72	2,148.48	11.32	9.53	-173.07	-2,219.04	-7,108.37	7,831.18	7,810.98	20.20	387.655		
2,400.00	2,357.84	2,315.09	2,314.49	11.80	10.18	-173.02	-2,209.21	-7,113.07	7,853.54	7,832.23	21.31	368.567		
2,500.00	2,455.48	2,416.16	2,415.26	12.29	10.59	-172.98	-2,201.82	-7,115.76	7,875.31	7,853.15	22.16	355.441		
2,600.00	2,553.11	2,487.00	2,485.82	12.78	10.87	-172.95	-2,196.12	-7,118.05	7,897.38	7,874.50	22.88	345.164		
2,700.00	2,650.75	2,599.54	2,597.84	13.27	11.33	-172.89	-2,186.11	-7,122.05	7,919.54	7,895.75	23.79	332.871		
2,800.00	2,748.39	2,695.79	2,693.56	13.77	11.73	-172.83	-2,176.59	-7,125.57	7,941.50	7,916.86	24.64	322.306		
2,900.00	2,846.02	2,773.00	2,770.24	14.26	12.06	-172.78	-2,168.13	-7,128.79	7,963.63	7,938.22	25.41	313.431		
3,000.00	2,943.66	2,844.25	2,840.94	14.76	12.37	-172.73	-2,159.96	-7,132.09	7,986.05	7,959.90	26.15	305.350		
3,100.00	3,041.30	2,922.53	2,918.64	15.25	12.70	-172.68	-2,151.21	-7,135.88	8,008.76	7,981.83	26.93	297.341		
3,200.00	3,138.94	2,990.99	2,986.63	15.75	13.00	-172.63	-2,143.98	-7,139.22	8,031.71	8,004.04	27.67	290.252		
3,300.00	3,236.57	3,058.00	3,053.17	16.25	13.29	-172.59	-2,136.94	-7,142.86	8,055.15	8,026.75	28.40	283.605		
3,400.00	3,334.21	3,127.40	3,122.07	16.75	13.60	-172.54	-2,129.69	-7,146.88	8,078.94	8,049.79	29.15	277.175		
3,500.00	3,431.85	3,266.77	3,260.54	17.25	14.21	-172.46	-2,115.85	-7,154.54	8,102.69	8,072.45	30.23	268.010		
3,600.00	3,529.48	3,410.63	3,403.55	17.75	14.85	-172.38	-2,101.69	-7,161.21	8,125.56	8,094.22	31.35	259.223		
3,700.00	3,627.12	3,544.02	3,536.08	18.25	15.45	-172.30	-2,087.84	-7,167.19	8,148.24	8,115.83	32.42	251.371		
3,800.00	3,724.76	3,616.15	3,607.75	18.75	15.78	-172.25	-2,080.33	-7,170.37	8,170.82	8,137.64	33.19	246.211		
3,900.00	3,822.40	3,677.79	3,668.99	19.25	16.06	-172.22	-2,073.96	-7,173.27	8,193.72	8,159.82	33.91	241.664		
4,000.00	3,920.03	3,745.37	3,736.13	19.75	16.37	-172.17	-2,067.05	-7,176.76	8,217.07	8,182.41	34.65	237.116		
4,100.00	4,017.67	3,833.14	3,823.34	20.25	16.77	-172.12	-2,058.28	-7,181.35	8,240.56	8,205.06	35.51	232.090		
4,200.00	4,115.31	3,892.38	3,882.15	20.76	17.05	-172.09	-2,052.06	-7,184.74	8,264.38	8,228.17	36.21	228.207		
4,300.00	4,212.94	3,967.84	3,956.98	21.26	17.40	-172.03	-2,043.59	-7,189.54	8,288.59	8,251.58	37.01	223.964		
4,400.00	4,310.58	4,067.33	4,055.58	21.76	17.87	-171.96	-2,032.06	-7,196.08	8,312.92	8,274.99	37.93	219.150		
4,500.00	4,408.22	4,244.39	4,231.05	22.27	18.71	-171.84	-2,010.86	-7,206.71	8,336.54	8,297.27	39.27	212.286		
4,600.00	4,505.86	4,333.54	4,319.49	22.77	19.13	-171.78	-2,000.83	-7,211.63	8,359.99	8,319.85	40.14	208.253		
4,700.00	4,603.49	4,550.05	4,534.54	23.28	20.14	-171.65	-1,977.68	-7,221.36	8,382.55	8,340.86	41.68	201.109		
4,800.00	4,701.13	4,683.91	4,667.58	23.78	20.77	-171.58	-1,963.74	-7,226.13	8,404.44	8,361.65	42.79	196.430		
4,900.00	4,798.77	4,749.68	4,733.04	24.28	21.08	-171.55	-1,957.64	-7,228.23	8,426.28	8,382.75	43.53	193.557		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,896.40	4,849.45	4,832.45	24.79	21.53	-171.51	-1,949.79	-7,231.23	8,448.36	8,403.91	44.45	190.064		
5,100.00	4,994.04	4,918.27	4,901.09	25.30	21.84	-171.49	-1,945.20	-7,233.11	8,470.50	8,425.30	45.20	187.386		
5,200.00	5,091.68	5,034.74	5,017.37	25.80	22.35	-171.47	-1,939.16	-7,236.10	8,492.92	8,446.73	46.19	183.874		
5,300.00	5,189.32	5,203.18	5,185.73	26.31	23.07	-171.48	-1,934.79	-7,237.47	8,514.17	8,466.76	47.41	179.602		
5,400.00	5,286.95	5,268.49	5,251.03	26.81	23.35	-171.48	-1,933.92	-7,237.80	8,535.66	8,487.54	48.12	177.370		
5,500.00	5,384.59	5,338.00	5,320.54	27.32	23.64	-171.49	-1,933.25	-7,238.36	8,557.53	8,508.67	48.86	175.148		
5,600.00	5,482.23	5,388.72	5,371.25	27.82	23.84	-171.50	-1,932.94	-7,238.95	8,579.81	8,530.31	49.50	173.325		
5,700.00	5,579.87	5,433.00	5,415.53	28.33	24.03	-171.51	-1,932.77	-7,239.64	8,602.60	8,552.49	50.11	171.671		
5,800.00	5,677.50	5,495.32	5,477.83	28.84	24.28	-171.52	-1,932.67	-7,240.90	8,625.87	8,575.06	50.80	169.788		
5,900.00	5,775.14	5,705.61	5,688.08	29.34	25.13	-171.58	-1,935.49	-7,243.73	8,649.02	8,596.84	52.18	165.740		
6,000.00	5,872.78	5,827.01	5,809.45	29.85	25.61	-171.62	-1,937.91	-7,243.95	8,671.12	8,617.98	53.14	163.166		
6,100.00	5,970.41	5,921.76	5,904.19	30.36	25.99	-171.65	-1,939.22	-7,244.19	8,693.13	8,639.15	53.98	161.033		
6,200.00	6,068.05	6,005.44	5,987.86	30.86	26.32	-171.67	-1,940.06	-7,244.58	8,715.23	8,660.46	54.77	159.111		
6,300.00	6,165.69	6,097.65	6,080.07	31.37	26.70	-171.69	-1,940.84	-7,245.16	8,737.44	8,681.83	55.61	157.126		
6,400.00	6,263.33	6,184.87	6,167.28	31.88	27.05	-171.72	-1,941.60	-7,245.77	8,759.74	8,703.32	56.42	155.264		
6,500.00	6,360.96	6,272.54	6,254.95	32.38	27.41	-171.74	-1,942.39	-7,246.49	8,782.14	8,724.91	57.23	153.449		
6,600.00	6,458.60	6,352.79	6,335.19	32.89	27.74	-171.76	-1,942.88	-7,247.33	8,804.70	8,746.68	58.01	151.773		
6,628.42	6,486.35	6,375.13	6,357.53	33.04	27.83	-171.76	-1,942.93	-7,247.62	8,811.14	8,752.91	58.23	151.311		
6,650.00	6,507.49	6,405.30	6,387.70	33.14	27.96	-167.33	-1,942.97	-7,248.03	8,815.70	8,757.24	58.46	150.794		
6,700.00	6,556.88	6,445.00	6,427.39	33.37	28.12	-149.43	-1,943.02	-7,248.51	8,823.55	8,764.71	58.84	149.957		
6,750.00	6,606.60	6,460.86	6,443.25	33.58	28.19	-110.71	-1,943.13	-7,248.72	8,827.82	8,768.73	59.09	149.402		
6,800.00	6,656.35	6,477.00	6,459.39	33.76	28.25	-68.40	-1,943.43	-7,248.97	8,828.54	8,769.22	59.32	148.835		
6,850.00	6,705.83	6,477.00	6,459.39	33.94	28.25	-47.93	-1,943.43	-7,248.97	8,825.72	8,766.27	59.45	148.460		
6,900.00	6,754.72	6,493.23	6,475.61	34.12	28.32	-38.62	-1,943.98	-7,249.26	8,819.36	8,759.72	59.64	147.878		
6,950.00	6,802.72	6,509.00	6,491.35	34.31	28.38	-33.75	-1,944.80	-7,249.58	8,809.53	8,749.72	59.81	147.290		
7,000.00	6,849.54	6,509.00	6,491.35	34.50	28.38	-30.94	-1,944.80	-7,249.58	8,796.25	8,736.36	59.89	146.878		
7,050.00	6,894.89	6,509.00	6,491.35	34.71	28.38	-29.29	-1,944.80	-7,249.58	8,779.64	8,719.69	59.95	146.454		
7,100.00	6,938.49	6,525.47	6,507.77	34.93	28.44	-28.42	-1,945.97	-7,249.96	8,759.71	8,699.63	60.07	145.818		
7,150.00	6,980.07	6,541.00	6,523.23	35.17	28.51	-28.10	-1,947.38	-7,250.39	8,736.67	8,676.49	60.18	145.177		
7,200.00	7,019.38	6,541.00	6,523.23	35.43	28.51	-28.18	-1,947.38	-7,250.39	8,710.53	8,650.33	60.20	144.697		
7,250.00	7,056.17	6,541.00	6,523.23	35.71	28.51	-28.65	-1,947.38	-7,250.39	8,681.52	8,621.31	60.21	144.194		
7,300.00	7,090.21	6,541.00	6,523.23	36.03	28.51	-29.50	-1,947.38	-7,250.39	8,649.79	8,589.58	60.21	143.664		
7,350.00	7,121.30	6,556.42	6,538.55	36.37	28.56	-30.85	-1,949.07	-7,250.87	8,615.42	8,555.14	60.28	142.923		
7,400.00	7,149.25	6,572.00	6,554.00	36.75	28.62	-32.69	-1,951.05	-7,251.40	8,578.73	8,518.38	60.35	142.145		
7,450.00	7,173.87	6,572.00	6,554.00	37.17	28.62	-35.03	-1,951.05	-7,251.40	8,539.79	8,479.44	60.35	141.509		
7,500.00	7,195.03	6,572.00	6,554.00	37.62	28.62	-38.09	-1,951.05	-7,251.40	8,498.90	8,438.55	60.35	140.832		
7,550.00	7,212.58	6,572.00	6,554.00	38.11	28.62	-42.08	-1,951.05	-7,251.40	8,456.27	8,395.92	60.35	140.112		
7,600.00	7,226.43	6,572.00	6,554.00	38.64	28.62	-47.30	-1,951.05	-7,251.40	8,412.16	8,351.79	60.37	139.347		
7,650.00	7,236.48	6,572.00	6,554.00	39.20	28.62	-54.11	-1,951.05	-7,251.40	8,366.80	8,306.41	60.39	138.536		
7,700.00	7,242.68	6,572.00	6,554.00	39.79	28.62	-62.95	-1,951.05	-7,251.40	8,320.47	8,260.04	60.43	137.681		
7,753.32	7,245.00	6,572.00	6,554.00	40.44	28.62	-74.89	-1,951.05	-7,251.40	8,270.28	8,209.79	60.49	136.720		
7,800.00	7,245.08	6,572.00	6,554.00	41.04	28.62	-74.89	-1,951.05	-7,251.40	8,226.11	8,165.56	60.55	135.853		
7,900.00	7,245.26	6,572.00	6,554.00	42.43	28.62	-74.89	-1,951.05	-7,251.40	8,131.57	8,070.87	60.70	133.956		
8,000.00	7,245.43	6,572.00	6,554.00	43.97	28.62	-74.89	-1,951.05	-7,251.40	8,037.17	7,976.28	60.89	131.996		
8,100.00	7,245.61	6,584.24	6,566.10	45.64	28.67	-75.15	-1,952.80	-7,251.84	7,942.86	7,881.68	61.18	129.835		
8,200.00	7,245.79	6,585.04	6,566.89	47.42	28.67	-75.17	-1,952.93	-7,251.87	7,848.72	7,787.28	61.44	127.742		
8,300.00	7,245.97	6,585.85	6,567.69	49.30	28.67	-75.19	-1,953.05	-7,251.90	7,754.74	7,692.99	61.75	125.588		
8,400.00	7,246.14	6,586.66	6,568.49	51.28	28.68	-75.21	-1,953.17	-7,251.93	7,660.90	7,598.81	62.09	123.376		
8,500.00	7,246.32	6,587.47	6,569.30	53.34	28.68	-75.22	-1,953.30	-7,251.96	7,567.23	7,504.74	62.48	121.108		
8,600.00	7,246.50	6,588.29	6,570.10	55.46	28.68	-75.24	-1,953.42	-7,251.99	7,473.71	7,410.79	62.92	118.787		
8,700.00	7,246.67	6,589.11	6,570.91	57.66	28.69	-75.26	-1,953.55	-7,252.02	7,380.37	7,316.97	63.40	116.415		
8,800.00	7,246.85	6,589.94	6,571.73	59.90	28.69	-75.28	-1,953.68	-7,252.05	7,287.20	7,223.28	63.92	113.997		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,900.00	7,247.03	6,590.77	6,572.54	62.20	28.69	-75.29	-1,953.81	-7,252.08	7,194.22	7,129.71	64.50	111.536		
9,000.00	7,247.21	6,591.60	6,573.36	64.55	28.69	-75.31	-1,953.94	-7,252.11	7,101.42	7,036.29	65.13	109.038		
9,100.00	7,247.38	6,604.00	6,585.59	66.93	28.74	-75.58	-1,956.00	-7,252.58	7,008.87	6,942.99	65.88	106.389		
9,200.00	7,247.56	6,604.00	6,585.59	69.35	28.74	-75.58	-1,956.00	-7,252.58	6,916.47	6,849.86	66.61	103.840		
9,300.00	7,247.74	6,604.00	6,585.59	71.80	28.74	-75.58	-1,956.00	-7,252.58	6,824.29	6,756.90	67.39	101.267		
9,400.00	7,247.91	6,604.00	6,585.59	74.29	28.74	-75.58	-1,956.00	-7,252.58	6,732.33	6,664.10	68.23	98.676		
9,500.00	7,248.09	6,604.00	6,585.59	76.79	28.74	-75.58	-1,956.00	-7,252.58	6,640.60	6,571.48	69.12	96.072		
9,600.00	7,248.27	6,604.00	6,585.59	79.33	28.74	-75.58	-1,956.00	-7,252.58	6,549.12	6,479.04	70.07	93.461		
9,700.00	7,248.45	6,604.00	6,585.59	81.88	28.74	-75.58	-1,956.00	-7,252.58	6,457.89	6,386.80	71.08	90.848		
9,800.00	7,248.62	6,604.00	6,585.59	84.45	28.74	-75.58	-1,956.00	-7,252.58	6,366.92	6,294.76	72.16	88.237		
9,900.00	7,248.80	6,604.00	6,585.59	87.04	28.74	-75.58	-1,956.00	-7,252.58	6,276.22	6,202.93	73.29	85.635		
10,000.00	7,248.98	6,604.00	6,585.59	89.65	28.74	-75.58	-1,956.00	-7,252.58	6,185.81	6,111.33	74.49	83.045		
10,100.00	7,249.15	6,604.00	6,585.59	92.28	28.74	-75.58	-1,956.00	-7,252.58	6,095.71	6,019.96	75.75	80.472		
10,200.00	7,249.33	6,604.00	6,585.59	94.91	28.74	-75.58	-1,956.00	-7,252.58	6,005.91	5,928.84	77.08	77.922		
10,300.00	7,249.51	6,604.00	6,585.59	97.56	28.74	-75.58	-1,956.00	-7,252.58	5,916.45	5,837.97	78.47	75.397		
10,400.00	7,249.69	6,604.00	6,585.59	100.22	28.74	-75.58	-1,956.00	-7,252.58	5,827.32	5,747.39	79.93	72.901		
10,500.00	7,249.86	6,604.00	6,585.59	102.89	28.74	-75.58	-1,956.00	-7,252.58	5,738.55	5,657.09	81.47	70.440		
10,600.00	7,250.04	6,604.00	6,585.59	105.57	28.74	-75.58	-1,956.00	-7,252.58	5,650.16	5,567.09	83.07	68.014		
10,700.00	7,250.22	6,604.00	6,585.59	108.27	28.74	-75.58	-1,956.00	-7,252.58	5,562.17	5,477.41	84.75	65.628		
10,800.00	7,250.39	6,604.00	6,585.59	110.96	28.74	-75.58	-1,956.00	-7,252.58	5,474.58	5,388.07	86.51	63.285		
10,900.00	7,250.57	6,604.00	6,585.59	113.67	28.74	-75.58	-1,956.00	-7,252.58	5,387.43	5,299.09	88.34	60.986		
11,000.00	7,250.75	6,604.00	6,585.59	116.39	28.74	-75.58	-1,956.00	-7,252.58	5,300.73	5,210.48	90.25	58.734		
11,100.00	7,250.93	6,604.00	6,585.59	119.11	28.74	-75.58	-1,956.00	-7,252.58	5,214.50	5,122.26	92.24	56.531		
11,200.00	7,251.10	6,604.00	6,585.59	121.83	28.74	-75.58	-1,956.00	-7,252.58	5,128.78	5,034.46	94.32	54.378		
11,300.00	7,251.28	6,604.00	6,585.59	124.57	28.74	-75.58	-1,956.00	-7,252.58	5,043.58	4,947.10	96.48	52.277		
11,400.00	7,251.46	6,614.73	6,596.13	127.31	28.78	-75.81	-1,957.91	-7,252.99	4,958.90	4,860.06	98.83	50.175		
11,500.00	7,251.63	6,615.82	6,597.21	130.05	28.78	-75.83	-1,958.12	-7,253.03	4,874.82	4,773.64	101.18	48.178		
11,600.00	7,251.81	6,616.91	6,598.28	132.80	28.79	-75.85	-1,958.32	-7,253.08	4,791.36	4,687.73	103.63	46.236		
11,700.00	7,251.99	6,618.00	6,599.35	135.55	28.79	-75.88	-1,958.52	-7,253.12	4,708.54	4,602.37	106.17	44.349		
11,800.00	7,252.17	6,619.08	6,600.41	138.31	28.79	-75.90	-1,958.73	-7,253.16	4,626.40	4,517.59	108.81	42.519		
11,900.00	7,252.34	6,620.16	6,601.46	141.07	28.80	-75.92	-1,958.93	-7,253.20	4,544.98	4,433.43	111.55	40.744		
12,000.00	7,252.52	6,621.23	6,602.51	143.84	28.80	-75.95	-1,959.14	-7,253.24	4,464.31	4,349.92	114.39	39.027		
12,100.00	7,252.70	6,622.29	6,603.56	146.61	28.81	-75.97	-1,959.34	-7,253.28	4,384.43	4,267.09	117.34	37.365		
12,200.00	7,252.87	6,623.35	6,604.60	149.38	28.81	-75.99	-1,959.55	-7,253.32	4,305.40	4,185.00	120.40	35.760		
12,300.00	7,253.05	6,624.41	6,605.63	152.16	28.81	-76.01	-1,959.75	-7,253.36	4,227.25	4,103.68	123.56	34.211		
12,400.00	7,253.23	6,635.00	6,616.00	154.94	28.85	-76.24	-1,961.88	-7,253.74	4,150.07	4,023.11	126.96	32.687		
12,500.00	7,253.41	6,635.00	6,616.00	157.72	28.85	-76.24	-1,961.88	-7,253.74	4,073.85	3,943.50	130.35	31.253		
12,600.00	7,253.58	6,635.00	6,616.00	160.51	28.85	-76.24	-1,961.88	-7,253.74	3,998.66	3,864.81	133.85	29.874		
12,700.00	7,253.76	6,635.00	6,616.00	163.29	28.85	-76.24	-1,961.88	-7,253.74	3,924.59	3,787.12	137.47	28.549		
12,800.00	7,253.94	6,635.00	6,616.00	166.08	28.85	-76.24	-1,961.88	-7,253.74	3,851.69	3,710.48	141.21	27.277		
12,900.00	7,254.11	6,635.00	6,616.00	168.88	28.85	-76.24	-1,961.88	-7,253.74	3,780.03	3,634.97	145.06	26.058		
13,000.00	7,254.29	6,635.00	6,616.00	171.67	28.85	-76.24	-1,961.88	-7,253.74	3,709.68	3,560.64	149.04	24.891		
13,100.00	7,254.47	6,635.00	6,616.00	174.47	28.85	-76.24	-1,961.88	-7,253.74	3,640.72	3,487.58	153.14	23.774		
13,200.00	7,254.65	6,635.00	6,616.00	177.27	28.85	-76.24	-1,961.88	-7,253.74	3,573.22	3,415.87	157.35	22.709		
13,300.00	7,254.82	6,635.00	6,616.00	180.07	28.85	-76.24	-1,961.88	-7,253.74	3,507.28	3,345.60	161.68	21.693		
13,400.00	7,255.00	6,635.00	6,616.00	182.87	28.85	-76.24	-1,961.88	-7,253.74	3,442.98	3,276.86	166.12	20.726		
13,500.00	7,255.18	6,635.00	6,616.00	185.67	28.85	-76.24	-1,961.88	-7,253.74	3,380.42	3,209.75	170.67	19.807		
13,600.00	7,255.35	6,635.00	6,616.00	188.48	28.85	-76.24	-1,961.88	-7,253.74	3,319.68	3,144.36	175.32	18.935		
13,700.00	7,255.53	6,635.00	6,616.00	191.29	28.85	-76.24	-1,961.88	-7,253.74	3,260.89	3,080.82	180.07	18.109		
13,800.00	7,255.71	6,635.00	6,616.00	194.10	28.85	-76.24	-1,961.88	-7,253.74	3,204.14	3,019.24	184.90	17.329		
13,900.00	7,255.89	6,635.00	6,616.00	196.91	28.85	-76.24	-1,961.88	-7,253.74	3,149.54	2,959.73	189.81	16.593		
14,000.00	7,256.06	6,635.00	6,616.00	199.72	28.85	-76.24	-1,961.88	-7,253.74	3,097.21	2,902.43	194.78	15.901		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	6,635.00	6,616.00	202.53	28.85	-76.24	-1,961.88	-7,253.74	3,047.26	2,847.47	199.79	15.252		
14,200.00	7,256.42	6,635.00	6,616.00	205.35	28.85	-76.24	-1,961.88	-7,253.74	2,999.82	2,794.98	204.84	14.645		
14,300.00	7,256.59	6,635.00	6,616.00	208.16	28.85	-76.24	-1,961.88	-7,253.74	2,955.00	2,745.10	209.90	14.078		
14,400.00	7,256.77	6,635.00	6,616.00	210.98	28.85	-76.24	-1,961.88	-7,253.74	2,912.92	2,697.97	214.94	13.552		
14,500.00	7,256.95	6,646.39	6,627.13	213.80	28.89	-76.49	-1,964.30	-7,254.15	2,873.62	2,653.41	220.21	13.049		
14,600.00	7,257.13	6,647.34	6,628.05	216.62	28.89	-76.51	-1,964.51	-7,254.18	2,837.38	2,612.18	225.19	12.600		
14,700.00	7,257.30	6,648.28	6,628.96	219.44	28.90	-76.53	-1,964.71	-7,254.21	2,804.23	2,574.14	230.10	12.187		
14,800.00	7,257.48	6,649.21	6,629.87	222.26	28.90	-76.55	-1,964.92	-7,254.25	2,774.29	2,539.41	234.89	11.811		
14,900.00	7,257.66	6,650.14	6,630.78	225.08	28.90	-76.57	-1,965.13	-7,254.28	2,747.67	2,508.13	239.54	11.471		
15,000.00	7,257.83	6,651.07	6,631.68	227.91	28.91	-76.59	-1,965.34	-7,254.31	2,724.46	2,480.44	244.02	11.165		
15,100.00	7,258.01	6,651.99	6,632.58	230.73	28.91	-76.61	-1,965.54	-7,254.34	2,704.75	2,456.44	248.30	10.893		
15,200.00	7,258.19	6,652.90	6,633.47	233.56	28.91	-76.63	-1,965.75	-7,254.37	2,688.61	2,436.25	252.36	10.654		
15,300.00	7,258.37	6,653.82	6,634.36	236.38	28.92	-76.65	-1,965.96	-7,254.41	2,676.12	2,419.94	256.17	10.447		
15,400.00	7,258.54	6,654.72	6,635.24	239.21	28.92	-76.67	-1,966.16	-7,254.44	2,667.31	2,407.60	259.71	10.270		
15,500.00	7,258.72	6,655.63	6,636.12	242.04	28.92	-76.69	-1,966.37	-7,254.47	2,662.24	2,399.29	262.95	10.125		
15,585.66	7,258.87	6,667.00	6,647.17	244.46	28.96	-76.93	-1,969.04	-7,254.85	2,660.95	2,395.20	265.76	10.013 CC		
15,600.00	7,258.90	6,667.00	6,647.17	244.87	28.96	-76.93	-1,969.04	-7,254.85	2,660.99	2,394.84	266.15	9.998		
15,700.00	7,259.08	6,667.00	6,647.17	247.70	28.96	-76.93	-1,969.04	-7,254.85	2,663.41	2,394.67	268.74	9.911 ES		
15,800.00	7,259.25	6,667.00	6,647.17	250.53	28.96	-76.93	-1,969.04	-7,254.85	2,669.57	2,398.59	270.98	9.851		
15,900.00	7,259.43	6,667.00	6,647.17	253.36	28.96	-76.93	-1,969.04	-7,254.85	2,679.46	2,406.57	272.89	9.819		
16,000.00	7,259.61	6,667.00	6,647.17	256.19	28.96	-76.93	-1,969.04	-7,254.85	2,693.02	2,418.56	274.46	9.812 SF		
16,100.00	7,259.78	6,667.00	6,647.17	259.02	28.96	-76.93	-1,969.04	-7,254.85	2,710.21	2,434.52	275.69	9.831		
16,200.00	7,259.96	6,667.00	6,647.17	261.85	28.96	-76.93	-1,969.04	-7,254.85	2,730.95	2,454.36	276.58	9.874		
16,300.00	7,260.14	6,667.00	6,647.17	264.68	28.96	-76.93	-1,969.04	-7,254.85	2,755.17	2,478.00	277.17	9.940		
16,400.00	7,260.32	6,667.00	6,647.17	267.52	28.96	-76.93	-1,969.04	-7,254.85	2,782.77	2,505.33	277.44	10.030		
16,500.00	7,260.49	6,667.00	6,647.17	270.35	28.96	-76.93	-1,969.04	-7,254.85	2,813.66	2,536.23	277.43	10.142		
16,600.00	7,260.67	6,667.00	6,647.17	273.19	28.96	-76.93	-1,969.04	-7,254.85	2,847.73	2,570.58	277.15	10.275		
16,700.00	7,260.85	6,667.00	6,647.17	276.02	28.96	-76.93	-1,969.04	-7,254.85	2,884.86	2,608.24	276.62	10.429		
16,800.00	7,261.02	6,667.00	6,647.17	278.86	28.96	-76.93	-1,969.04	-7,254.85	2,924.94	2,649.08	275.86	10.603		
16,900.00	7,261.20	6,667.00	6,647.17	281.69	28.96	-76.93	-1,969.04	-7,254.85	2,967.85	2,692.96	274.90	10.796		
17,000.00	7,261.38	6,667.00	6,647.17	284.53	28.96	-76.93	-1,969.04	-7,254.85	3,013.47	2,739.73	273.74	11.008		
17,100.00	7,261.56	6,667.00	6,647.17	287.37	28.96	-76.93	-1,969.04	-7,254.85	3,061.68	2,789.25	272.43	11.239		
17,200.00	7,261.73	6,667.00	6,647.17	290.21	28.96	-76.93	-1,969.04	-7,254.85	3,112.36	2,841.39	270.97	11.486		
17,300.00	7,261.91	6,667.00	6,647.17	293.04	28.96	-76.93	-1,969.04	-7,254.85	3,165.38	2,896.00	269.38	11.751		
17,400.00	7,262.09	6,667.00	6,647.17	295.88	28.96	-76.93	-1,969.04	-7,254.85	3,220.64	2,952.95	267.68	12.032		
17,500.00	7,262.26	6,667.00	6,647.17	298.72	28.96	-76.93	-1,969.04	-7,254.85	3,278.01	3,012.12	265.89	12.328		
17,600.00	7,262.44	6,667.00	6,647.17	301.56	28.96	-76.93	-1,969.04	-7,254.85	3,337.40	3,073.37	264.03	12.640		
17,700.00	7,262.62	6,667.00	6,647.17	304.40	28.96	-76.93	-1,969.04	-7,254.85	3,398.69	3,136.58	262.11	12.967		
17,800.00	7,262.80	6,667.00	6,647.17	307.24	28.96	-76.93	-1,969.04	-7,254.85	3,461.79	3,201.65	260.14	13.307		
17,900.00	7,262.97	6,667.00	6,647.17	310.08	28.96	-76.93	-1,969.04	-7,254.85	3,526.59	3,268.46	258.13	13.662		
18,000.00	7,263.15	6,667.00	6,647.17	312.92	28.96	-76.93	-1,969.04	-7,254.85	3,593.01	3,336.90	256.10	14.030		
18,100.00	7,263.33	6,667.00	6,647.17	315.76	28.96	-76.93	-1,969.04	-7,254.85	3,660.95	3,406.90	254.06	14.410		
18,200.00	7,263.50	6,678.61	6,658.41	318.61	29.00	-77.18	-1,971.92	-7,255.23	3,730.26	3,477.98	252.28	14.786		
18,300.00	7,263.68	6,679.43	6,659.20	321.45	29.00	-77.20	-1,972.13	-7,255.26	3,801.01	3,550.76	250.24	15.189		
18,400.00	7,263.86	6,680.24	6,659.98	324.29	29.01	-77.22	-1,972.33	-7,255.28	3,873.04	3,624.83	248.21	15.604		
18,500.00	7,264.04	6,681.05	6,660.76	327.13	29.01	-77.23	-1,972.54	-7,255.31	3,946.29	3,700.10	246.19	16.030		
18,600.00	7,264.21	6,681.85	6,661.54	329.97	29.01	-77.25	-1,972.75	-7,255.34	4,020.69	3,776.51	244.18	16.466		
18,700.00	7,264.39	6,682.66	6,662.32	332.82	29.01	-77.27	-1,972.96	-7,255.36	4,096.19	3,853.99	242.20	16.913		
18,800.00	7,264.57	6,683.46	6,663.10	335.66	29.02	-77.29	-1,973.17	-7,255.39	4,172.71	3,932.47	240.23	17.369		
18,900.00	7,264.74	6,684.26	6,663.87	338.51	29.02	-77.30	-1,973.37	-7,255.41	4,250.21	4,011.91	238.30	17.836		
19,000.00	7,264.92	6,685.06	6,664.64	341.35	29.02	-77.32	-1,973.58	-7,255.44	4,328.63	4,092.23	236.39	18.311		
19,044.52	7,265.00	6,685.42	6,664.98	342.62	29.02	-77.33	-1,973.68	-7,255.45	4,363.82	4,128.27	235.55	18.526		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	234.69	234.61	3.28	3.36	-107.36	-2,213.65	-7,080.39	7,422.40					
100.00	100.00	319.15	319.03	3.28	3.46	-107.36	-2,213.10	-7,077.74	7,419.21	7,412.46	6.74	1,100.140		
200.00	200.00	369.08	368.93	3.34	3.53	-107.37	-2,212.98	-7,076.30	7,416.43	7,409.56	6.87	1,079.927		
257.35	257.35	394.82	394.66	3.39	3.57	-172.93	-2,212.60	-7,075.83	7,415.73	7,408.77	6.96	1,064.917		
300.00	299.98	422.00	421.84	3.44	3.62	-172.92	-2,211.94	-7,075.54	7,416.13	7,409.06	7.06	1,049.998		
400.00	399.84	459.87	459.69	3.60	3.70	-172.91	-2,211.00	-7,075.34	7,420.01	7,412.72	7.29	1,017.396		
500.00	499.45	513.00	512.82	3.81	3.81	-172.89	-2,210.16	-7,075.31	7,428.09	7,420.48	7.61	976.102		
600.00	598.70	603.92	603.73	4.06	4.02	-172.86	-2,209.54	-7,075.35	7,440.02	7,431.95	8.07	921.966		
700.00	697.47	770.25	770.05	4.34	4.48	-172.84	-2,207.94	-7,074.32	7,454.52	7,445.71	8.81	846.209		
800.00	795.62	868.28	868.07	4.66	4.78	-172.81	-2,206.66	-7,073.59	7,472.38	7,462.95	9.42	792.953		
824.00	819.08	886.22	886.01	4.75	4.84	-172.80	-2,206.51	-7,073.44	7,477.17	7,467.61	9.56	781.798		
900.00	893.28	940.60	940.38	5.02	5.02	-172.81	-2,206.02	-7,073.08	7,492.81	7,482.82	9.99	749.857		
1,000.00	990.92	1,000.00	1,050.53	5.40	5.22	-172.82	-2,204.62	-7,072.53	7,513.41	7,502.87	10.54	712.962		
1,100.00	1,088.56	1,145.79	1,145.55	5.80	5.73	-172.83	-2,202.94	-7,072.01	7,533.84	7,522.43	11.41	660.172		
1,200.00	1,186.19	1,202.38	1,202.13	6.21	5.93	-172.83	-2,201.92	-7,071.95	7,554.67	7,542.68	11.99	630.047		
1,300.00	1,283.83	2,074.00	2,071.03	6.64	9.41	-172.83	-2,164.65	-7,032.93	7,569.80	7,553.98	15.82	478.408		
1,400.00	1,381.47	2,278.11	2,273.58	7.08	10.32	-172.78	-2,146.57	-7,015.42	7,580.93	7,563.85	17.09	443.644		
1,500.00	1,479.10	2,349.29	2,344.18	7.53	10.65	-172.77	-2,140.86	-7,008.35	7,590.68	7,572.87	17.81	426.301		
1,600.00	1,576.74	2,407.09	2,401.57	7.99	10.91	-172.76	-2,136.74	-7,002.85	7,601.01	7,582.54	18.47	411.434		
1,700.00	1,674.38	2,482.87	2,476.84	8.45	11.26	-172.76	-2,131.35	-6,995.93	7,611.75	7,592.52	19.23	395.924		
1,800.00	1,772.02	1,800.00	2,649.13	8.92	8.17	-172.73	-2,117.66	-6,979.78	7,622.03	7,605.28	16.75	454.987		
1,900.00	1,869.65	2,841.00	2,832.07	9.39	12.93	-172.70	-2,102.92	-6,960.63	7,631.22	7,609.58	21.64	352.654		
2,000.00	1,967.29	2,910.76	2,901.26	9.87	13.26	-172.71	-2,098.73	-6,952.65	7,640.14	7,617.75	22.38	341.339		
2,100.00	2,064.93	2,963.00	2,953.10	10.35	13.50	-172.71	-2,095.63	-6,947.03	7,649.65	7,626.60	23.05	331.825		
2,200.00	2,162.56	2,997.74	2,987.60	10.83	13.67	-172.71	-2,093.53	-6,943.57	7,659.90	7,636.25	23.65	323.885		
2,300.00	2,260.20	3,058.00	3,047.51	11.32	13.95	-172.70	-2,089.85	-6,938.28	7,671.10	7,646.74	24.36	314.919		
2,400.00	2,357.84	2,400.00	3,233.42	11.80	10.85	-172.69	-2,077.43	-6,920.73	7,681.77	7,659.82	21.95	349.894		
2,500.00	2,455.48	3,288.56	3,276.51	12.29	15.04	-172.69	-2,074.37	-6,916.53	7,692.09	7,665.82	26.27	292.807		
2,600.00	2,553.11	3,341.00	3,328.65	12.78	15.29	-172.69	-2,070.96	-6,912.02	7,703.35	7,676.39	26.95	285.817		
2,700.00	2,650.75	3,415.42	3,402.67	13.27	15.64	-172.68	-2,066.29	-6,905.93	7,715.15	7,687.42	27.73	278.209		
2,800.00	2,748.39	3,563.57	3,549.94	13.77	16.34	-172.67	-2,056.76	-6,892.91	7,726.36	7,697.51	28.84	267.886		
2,900.00	2,846.02	2,900.00	3,673.62	14.26	13.18	-172.66	-2,048.21	-6,881.74	7,737.32	7,710.94	26.39	293.230		
3,000.00	2,943.66	4,057.68	4,039.86	14.76	18.75	-172.64	-2,021.52	-6,839.91	7,744.87	7,712.93	31.95	242.424		
3,100.00	3,041.30	4,102.00	4,083.69	15.25	18.98	-172.63	-2,017.56	-6,834.58	7,752.40	7,719.79	32.61	237.720		
3,200.00	3,138.94	4,154.44	4,135.57	15.75	19.24	-172.62	-2,012.76	-6,828.67	7,760.58	7,727.26	33.31	232.971		
3,300.00	3,236.57	4,197.00	4,177.73	16.25	19.45	-172.61	-2,008.91	-6,824.27	7,769.55	7,735.58	33.97	228.746		
3,400.00	3,334.21	4,227.83	4,208.30	16.75	19.60	-172.61	-2,006.19	-6,821.32	7,779.32	7,744.75	34.56	225.064		
3,500.00	3,431.85	4,261.08	4,241.29	17.25	19.76	-172.60	-2,003.35	-6,818.39	7,789.93	7,754.76	35.17	221.480		
3,600.00	3,529.48	4,292.00	4,272.01	17.75	19.92	-172.59	-2,000.81	-6,815.90	7,801.40	7,765.63	35.77	218.122		
3,700.00	3,627.12	4,362.51	4,342.08	18.25	20.25	-172.58	-1,995.00	-6,810.68	7,813.46	7,776.92	36.54	213.823		
3,800.00	3,724.76	4,440.61	4,419.71	18.75	20.63	-172.56	-1,988.37	-6,805.29	7,825.90	7,788.55	37.35	209.513		
3,900.00	3,822.40	4,597.27	4,575.39	19.25	21.38	-172.52	-1,974.94	-6,794.07	7,838.08	7,799.55	38.53	203.414		
4,000.00	3,920.03	4,648.42	4,626.22	19.75	21.62	-172.51	-1,970.52	-6,790.38	7,850.21	7,810.99	39.22	200.158		
4,100.00	4,017.67	4,100.00	4,728.69	20.25	19.01	-172.49	-1,962.06	-6,783.14	7,862.63	7,825.41	37.22	211.221		
4,200.00	4,115.31	4,814.43	4,791.28	20.76	22.42	-172.48	-1,957.21	-6,778.63	7,875.13	7,834.24	40.89	192.592		
4,300.00	4,212.94	4,862.00	4,838.62	21.26	22.64	-172.47	-1,953.73	-6,775.56	7,888.33	7,846.77	41.56	189.822		
4,400.00	4,310.58	4,961.80	4,938.00	21.76	23.11	-172.46	-1,947.20	-6,769.22	7,901.88	7,859.41	42.47	186.071		
4,500.00	4,408.22	5,009.83	4,985.87	22.27	23.33	-172.46	-1,944.78	-6,766.09	7,915.70	7,872.57	43.13	183.538		
4,600.00	4,505.86	5,053.00	5,028.92	22.77	23.53	-172.46	-1,943.21	-6,763.33	7,930.12	7,886.36	43.76	181.199		
4,700.00	4,603.49	5,053.00	5,028.92	23.28	23.53	-172.46	-1,943.21	-6,763.33	7,945.55	7,901.36	44.19	179.802		
4,800.00	4,701.13	5,103.60	5,079.42	23.78	23.75	-172.46	-1,941.69	-6,760.68	7,961.54	7,916.68	44.85	177.503		
4,900.00	4,798.77	5,148.00	5,123.78	24.28	23.94	-172.47	-1,940.34	-6,759.24	7,978.76	7,933.27	45.48	175.423		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,896.40	5,148.00	5,123.78	24.79	23.94	-172.47	-1,940.34	-6,759.24	7,996.67	7,950.78	45.89	174.251		
5,100.00	4,994.04	5,221.78	5,197.51	25.30	24.26	-172.47	-1,938.01	-6,757.73	8,015.30	7,968.64	46.66	171.781		
5,200.00	5,091.68	5,242.00	5,217.72	25.80	24.35	-172.47	-1,937.35	-6,757.39	8,034.51	7,987.35	47.16	170.369		
5,300.00	5,189.32	5,279.09	5,254.80	26.31	24.49	-172.47	-1,936.46	-6,756.98	8,054.50	8,006.77	47.73	168.753		
5,400.00	5,286.95	5,300.83	5,276.53	26.81	24.58	-172.48	-1,936.24	-6,756.95	8,075.48	8,027.25	48.22	167.468		
5,500.00	5,384.59	5,337.00	5,312.70	27.32	24.72	-172.48	-1,936.36	-6,757.21	8,097.43	8,048.65	48.78	166.005		
5,600.00	5,482.23	5,381.47	5,357.17	27.82	24.88	-172.49	-1,936.87	-6,757.75	8,120.11	8,070.75	49.36	164.500		
5,700.00	5,579.87	5,515.77	5,491.45	28.33	25.37	-172.53	-1,938.13	-6,759.03	8,142.70	8,092.32	50.37	161.648		
5,800.00	5,677.50	5,603.85	5,579.52	28.84	25.70	-172.55	-1,938.80	-6,759.73	8,165.11	8,113.94	51.17	159.577		
5,900.00	5,775.14	5,676.02	5,651.69	29.34	25.97	-172.57	-1,939.43	-6,760.45	8,187.73	8,135.84	51.89	157.805		
6,000.00	5,872.78	5,747.58	5,723.24	29.85	26.23	-172.58	-1,940.19	-6,761.39	8,210.68	8,158.08	52.60	156.095		
6,100.00	5,970.41	5,825.24	5,800.89	30.36	26.52	-172.60	-1,940.76	-6,762.69	8,233.90	8,180.55	53.35	154.349		
6,200.00	6,068.05	5,912.43	5,888.06	30.86	26.85	-172.62	-1,941.48	-6,764.30	8,257.29	8,203.15	54.14	152.519		
6,300.00	6,165.69	6,006.73	5,982.33	31.37	27.20	-172.64	-1,942.26	-6,766.10	8,280.75	8,225.78	54.97	150.645		
6,400.00	6,263.33	6,080.31	6,055.90	31.88	27.48	-172.65	-1,942.78	-6,767.67	8,304.38	8,248.68	55.70	149.099		
6,500.00	6,360.96	6,243.92	6,219.48	32.38	28.10	-172.69	-1,944.21	-6,770.38	8,327.52	8,270.65	56.88	146.416		
6,600.00	6,458.60	6,315.61	6,291.16	32.89	28.38	-172.70	-1,944.57	-6,771.56	8,350.64	8,293.05	57.60	144.982		
6,628.42	6,486.35	6,320.00	6,295.55	33.04	28.39	-172.70	-1,944.58	-6,771.64	8,357.29	8,299.57	57.72	144.784		
6,650.00	6,507.49	6,336.71	6,312.25	33.14	28.46	-168.26	-1,944.71	-6,771.96	8,362.02	8,304.14	57.88	144.466		
6,700.00	6,556.88	6,352.00	6,327.54	33.37	28.52	-150.32	-1,944.95	-6,772.26	8,370.49	8,312.37	58.13	144.005		
6,750.00	6,606.60	6,352.00	6,327.54	33.58	28.52	-111.57	-1,944.95	-6,772.26	8,375.51	8,317.24	58.28	143.716		
6,800.00	6,656.35	6,384.00	6,359.51	33.76	28.64	-69.26	-1,946.14	-6,773.01	8,377.00	8,318.43	58.57	143.020		
6,850.00	6,705.83	6,384.00	6,359.51	33.94	28.64	-48.77	-1,946.14	-6,773.01	8,374.94	8,316.25	58.69	142.710		
6,900.00	6,754.72	6,384.00	6,359.51	34.12	28.64	-39.43	-1,946.14	-6,773.01	8,369.43	8,310.65	58.78	142.388		
6,950.00	6,802.72	6,384.00	6,359.51	34.31	28.64	-34.52	-1,946.14	-6,773.01	8,360.51	8,301.66	58.85	142.053		
7,000.00	6,849.54	6,401.66	6,377.12	34.50	28.70	-31.73	-1,947.30	-6,773.55	8,348.09	8,289.08	59.00	141.484		
7,050.00	6,894.89	6,415.00	6,390.40	34.71	28.75	-30.10	-1,948.44	-6,774.03	8,332.39	8,273.28	59.11	140.953		
7,100.00	6,938.49	6,415.00	6,390.40	34.93	28.75	-29.19	-1,948.44	-6,774.03	8,313.40	8,254.26	59.14	140.566		
7,150.00	6,980.07	6,415.00	6,390.40	35.17	28.75	-28.82	-1,948.44	-6,774.03	8,291.27	8,232.12	59.16	140.158		
7,200.00	7,019.38	6,429.19	6,404.51	35.43	28.79	-28.92	-1,949.87	-6,774.60	8,266.06	8,206.83	59.23	139.553		
7,250.00	7,056.17	6,447.00	6,422.18	35.71	28.86	-29.44	-1,951.95	-6,775.37	8,237.99	8,178.67	59.32	138.877		
7,300.00	7,090.21	6,447.00	6,422.18	36.03	28.86	-30.28	-1,951.95	-6,775.37	8,207.07	8,147.76	59.31	138.383		
7,350.00	7,121.30	6,461.53	6,436.57	36.37	28.90	-31.61	-1,953.85	-6,776.00	8,173.56	8,114.20	59.37	137.679		
7,400.00	7,149.25	6,522.91	6,497.16	36.75	29.11	-33.70	-1,963.43	-6,778.02	8,137.54	8,077.87	59.67	136.377		
7,450.00	7,173.87	6,555.71	6,529.30	37.17	29.22	-36.28	-1,969.96	-6,778.47	8,099.12	8,039.29	59.83	135.377		
7,500.00	7,195.03	6,567.85	6,541.13	37.62	29.26	-39.46	-1,972.66	-6,778.54	8,058.70	7,998.81	59.88	134.571		
7,550.00	7,212.58	6,574.00	6,547.11	38.11	29.28	-43.50	-1,974.09	-6,778.57	8,016.52	7,956.60	59.92	133.786		
7,600.00	7,226.43	6,574.00	6,547.11	38.64	29.28	-48.64	-1,974.09	-6,778.57	7,972.83	7,912.90	59.94	133.023		
7,650.00	7,236.48	6,584.67	6,557.47	39.20	29.31	-55.43	-1,976.64	-6,778.60	7,927.88	7,867.86	60.02	132.088		
7,700.00	7,242.68	6,586.84	6,559.58	39.79	29.32	-63.93	-1,977.17	-6,778.60	7,881.93	7,821.86	60.07	131.202		
7,753.32	7,245.00	6,587.69	6,560.40	40.44	29.32	-75.19	-1,977.37	-6,778.61	7,832.15	7,772.01	60.14	130.222		
7,800.00	7,245.08	6,587.76	6,560.47	41.04	29.32	-75.19	-1,977.39	-6,778.61	7,788.33	7,728.12	60.21	129.345		
7,900.00	7,245.26	6,587.91	6,560.62	42.43	29.32	-75.19	-1,977.43	-6,778.61	7,694.56	7,634.17	60.39	127.421		
8,000.00	7,245.43	6,588.06	6,560.77	43.97	29.32	-75.19	-1,977.47	-6,778.61	7,600.95	7,540.35	60.60	125.429		
8,100.00	7,245.61	6,588.21	6,560.91	45.64	29.32	-75.20	-1,977.50	-6,778.61	7,507.50	7,446.64	60.85	123.370		
8,200.00	7,245.79	6,588.37	6,561.06	47.42	29.32	-75.20	-1,977.54	-6,778.61	7,414.22	7,353.07	61.15	121.245		
8,300.00	7,245.97	6,588.52	6,561.21	49.30	29.32	-75.20	-1,977.58	-6,778.61	7,321.12	7,259.63	61.49	119.055		
8,400.00	7,246.14	6,588.67	6,561.35	51.28	29.32	-75.21	-1,977.61	-6,778.61	7,228.21	7,166.32	61.88	116.804		
8,500.00	7,246.32	6,588.82	6,561.50	53.34	29.32	-75.21	-1,977.65	-6,778.61	7,135.48	7,073.16	62.32	114.494		
8,600.00	7,246.50	6,588.97	6,561.64	55.46	29.32	-75.21	-1,977.69	-6,778.61	7,042.96	6,980.15	62.81	112.130		
8,700.00	7,246.67	6,589.12	6,561.79	57.66	29.32	-75.22	-1,977.72	-6,778.61	6,950.64	6,887.29	63.35	109.714		
8,800.00	7,246.85	6,589.27	6,561.94	59.90	29.32	-75.22	-1,977.76	-6,778.61	6,858.54	6,794.59	63.95	107.252		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,900.00	7,247.03	6,589.42	6,562.08	62.20	29.32	-75.22	-1,977.80	-6,778.61	6,766.66	6,702.06	64.60	104.749		
9,000.00	7,247.21	6,589.57	6,562.23	64.55	29.32	-75.23	-1,977.84	-6,778.61	6,675.02	6,609.71	65.31	102.210		
9,100.00	7,247.38	6,589.72	6,562.37	66.93	29.32	-75.23	-1,977.87	-6,778.61	6,583.61	6,517.54	66.07	99.641		
9,200.00	7,247.56	6,589.87	6,562.52	69.35	29.32	-75.23	-1,977.91	-6,778.61	6,492.47	6,425.57	66.90	97.047		
9,300.00	7,247.74	6,590.02	6,562.66	71.80	29.33	-75.24	-1,977.95	-6,778.61	6,401.58	6,333.80	67.79	94.435		
9,400.00	7,247.91	6,590.17	6,562.80	74.29	29.33	-75.24	-1,977.98	-6,778.61	6,310.98	6,242.24	68.74	91.810		
9,500.00	7,248.09	6,590.32	6,562.95	76.79	29.33	-75.24	-1,978.02	-6,778.61	6,220.66	6,150.90	69.75	89.179		
9,600.00	7,248.27	6,590.46	6,563.09	79.33	29.33	-75.25	-1,978.06	-6,778.61	6,130.64	6,059.80	70.84	86.548		
9,700.00	7,248.45	6,590.61	6,563.24	81.88	29.33	-75.25	-1,978.09	-6,778.61	6,040.93	5,968.95	71.98	83.922		
9,800.00	7,248.62	6,590.76	6,563.38	84.45	29.33	-75.25	-1,978.13	-6,778.61	5,951.55	5,878.36	73.20	81.307		
9,900.00	7,248.80	6,590.91	6,563.52	87.04	29.33	-75.25	-1,978.16	-6,778.61	5,862.52	5,788.04	74.48	78.709		
10,000.00	7,248.98	6,591.06	6,563.67	89.65	29.33	-75.26	-1,978.20	-6,778.61	5,773.85	5,698.01	75.84	76.132		
10,100.00	7,249.15	6,591.20	6,563.81	92.28	29.33	-75.26	-1,978.24	-6,778.62	5,685.55	5,608.28	77.27	73.581		
10,200.00	7,249.33	6,591.35	6,563.95	94.91	29.33	-75.26	-1,978.27	-6,778.62	5,597.64	5,518.87	78.77	71.061		
10,300.00	7,249.51	6,591.50	6,564.09	97.56	29.33	-75.27	-1,978.31	-6,778.62	5,510.15	5,429.80	80.35	68.576		
10,400.00	7,249.69	6,591.64	6,564.24	100.22	29.33	-75.27	-1,978.35	-6,778.62	5,423.09	5,341.08	82.01	66.129		
10,500.00	7,249.86	6,591.79	6,564.38	102.89	29.33	-75.27	-1,978.38	-6,778.62	5,336.48	5,252.74	83.74	63.724		
10,600.00	7,250.04	6,591.94	6,564.52	105.57	29.33	-75.28	-1,978.42	-6,778.62	5,250.35	5,164.79	85.56	61.365		
10,700.00	7,250.22	6,592.08	6,564.66	108.27	29.33	-75.28	-1,978.46	-6,778.62	5,164.72	5,077.26	87.46	59.053		
10,800.00	7,250.39	6,592.23	6,564.80	110.96	29.33	-75.28	-1,978.49	-6,778.62	5,079.61	4,990.17	89.44	56.792		
10,900.00	7,250.57	6,592.37	6,564.94	113.67	29.33	-75.29	-1,978.53	-6,778.62	4,995.06	4,903.54	91.51	54.583		
11,000.00	7,250.75	6,592.52	6,565.08	116.39	29.33	-75.29	-1,978.56	-6,778.62	4,911.08	4,817.41	93.67	52.428		
11,100.00	7,250.93	6,592.66	6,565.22	119.11	29.33	-75.29	-1,978.60	-6,778.62	4,827.72	4,731.80	95.92	50.329		
11,200.00	7,251.10	6,592.81	6,565.37	121.83	29.33	-75.30	-1,978.64	-6,778.62	4,745.00	4,646.73	98.27	48.286		
11,300.00	7,251.28	6,592.95	6,565.51	124.57	29.33	-75.30	-1,978.67	-6,778.62	4,662.96	4,562.25	100.71	46.302		
11,400.00	7,251.46	6,593.10	6,565.65	127.31	29.34	-75.30	-1,978.71	-6,778.62	4,581.63	4,478.38	103.25	44.376		
11,500.00	7,251.63	6,593.24	6,565.79	130.05	29.34	-75.30	-1,978.74	-6,778.62	4,501.05	4,395.17	105.88	42.509		
11,600.00	7,251.81	6,593.39	6,565.93	132.80	29.34	-75.31	-1,978.78	-6,778.62	4,421.27	4,312.64	108.62	40.702		
11,700.00	7,251.99	6,593.53	6,566.06	135.55	29.34	-75.31	-1,978.81	-6,778.62	4,342.32	4,230.85	111.47	38.955		
11,800.00	7,252.17	6,593.68	6,566.20	138.31	29.34	-75.31	-1,978.85	-6,778.62	4,264.26	4,149.83	114.42	37.267		
11,900.00	7,252.34	6,593.82	6,566.34	141.07	29.34	-75.32	-1,978.89	-6,778.62	4,187.13	4,069.64	117.49	35.639		
12,000.00	7,252.52	6,593.96	6,566.48	143.84	29.34	-75.32	-1,978.92	-6,778.62	4,110.98	3,990.32	120.66	34.071		
12,100.00	7,252.70	6,594.11	6,566.62	146.61	29.34	-75.32	-1,978.96	-6,778.62	4,035.88	3,911.93	123.95	32.561		
12,200.00	7,252.87	6,594.25	6,566.76	149.38	29.34	-75.33	-1,978.99	-6,778.62	3,961.88	3,834.53	127.35	31.110		
12,300.00	7,253.05	6,594.39	6,566.90	152.16	29.34	-75.33	-1,979.03	-6,778.62	3,889.04	3,758.17	130.87	29.717		
12,400.00	7,253.23	6,594.53	6,567.04	154.94	29.34	-75.33	-1,979.06	-6,778.62	3,817.43	3,682.92	134.50	28.382		
12,500.00	7,253.41	6,594.68	6,567.17	157.72	29.34	-75.33	-1,979.10	-6,778.62	3,747.12	3,608.86	138.26	27.103		
12,600.00	7,253.58	6,594.82	6,567.31	160.51	29.34	-75.34	-1,979.14	-6,778.62	3,678.18	3,536.06	142.13	25.880		
12,700.00	7,253.76	6,594.96	6,567.45	163.29	29.34	-75.34	-1,979.17	-6,778.62	3,610.70	3,464.59	146.11	24.712		
12,800.00	7,253.94	6,595.10	6,567.59	166.08	29.34	-75.34	-1,979.21	-6,778.63	3,544.76	3,394.55	150.21	23.599		
12,900.00	7,254.11	6,595.24	6,567.72	168.88	29.34	-75.35	-1,979.24	-6,778.63	3,480.44	3,326.02	154.42	22.539		
13,000.00	7,254.29	6,595.38	6,567.86	171.67	29.34	-75.35	-1,979.28	-6,778.63	3,417.84	3,259.09	158.74	21.531		
13,100.00	7,254.47	6,595.53	6,568.00	174.47	29.34	-75.35	-1,979.31	-6,778.63	3,357.04	3,193.88	163.16	20.575		
13,200.00	7,254.65	6,595.67	6,568.13	177.27	29.34	-75.36	-1,979.35	-6,778.63	3,298.16	3,130.48	167.68	19.669		
13,300.00	7,254.82	6,595.81	6,568.27	180.07	29.34	-75.36	-1,979.38	-6,778.63	3,241.30	3,069.01	172.29	18.813		
13,400.00	7,255.00	6,595.95	6,568.41	182.87	29.34	-75.36	-1,979.42	-6,778.63	3,186.56	3,009.58	176.98	18.005		
13,500.00	7,255.18	6,596.09	6,568.54	185.67	29.34	-75.36	-1,979.45	-6,778.63	3,134.06	2,952.32	181.73	17.245		
13,600.00	7,255.35	6,596.23	6,568.68	188.48	29.34	-75.37	-1,979.49	-6,778.63	3,083.90	2,897.36	186.54	16.532		
13,700.00	7,255.53	6,596.37	6,568.81	191.29	29.35	-75.37	-1,979.52	-6,778.63	3,036.21	2,844.82	191.40	15.864		
13,800.00	7,255.71	6,596.51	6,568.95	194.10	29.35	-75.37	-1,979.56	-6,778.63	2,991.11	2,794.84	196.27	15.240		
13,900.00	7,255.89	6,596.65	6,569.08	196.91	29.35	-75.38	-1,979.59	-6,778.63	2,948.71	2,747.56	201.15	14.659		
14,000.00	7,256.06	6,606.00	6,578.13	199.72	29.38	-75.58	-1,981.97	-6,778.65	2,909.17	2,702.95	206.22	14.107		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	6,606.00	6,578.13	202.53	29.38	-75.58	-1,981.97	-6,778.65	2,872.52	2,661.48	211.04	13.611		
14,200.00	7,256.42	6,606.00	6,578.13	205.35	29.38	-75.58	-1,981.97	-6,778.65	2,838.93	2,623.13	215.80	13.155		
14,300.00	7,256.59	6,606.00	6,578.13	208.16	29.38	-75.58	-1,981.97	-6,778.65	2,808.50	2,588.03	220.47	12.739		
14,400.00	7,256.77	6,606.00	6,578.13	210.98	29.38	-75.58	-1,981.97	-6,778.65	2,781.33	2,556.31	225.02	12.360		
14,500.00	7,256.95	6,606.00	6,578.13	213.80	29.38	-75.58	-1,981.97	-6,778.65	2,757.52	2,528.09	229.43	12.019		
14,600.00	7,257.13	6,606.00	6,578.13	216.62	29.38	-75.58	-1,981.97	-6,778.65	2,737.16	2,503.50	233.66	11.714		
14,700.00	7,257.30	6,606.00	6,578.13	219.44	29.38	-75.58	-1,981.97	-6,778.65	2,720.33	2,482.62	237.71	11.444		
14,800.00	7,257.48	6,606.00	6,578.13	222.26	29.38	-75.58	-1,981.97	-6,778.65	2,707.09	2,465.56	241.53	11.208		
14,900.00	7,257.66	6,606.00	6,578.13	225.08	29.38	-75.58	-1,981.97	-6,778.65	2,697.49	2,452.39	245.10	11.006		
15,000.00	7,257.83	6,606.00	6,578.13	227.91	29.38	-75.58	-1,981.97	-6,778.65	2,691.58	2,443.17	248.41	10.835		
15,100.00	7,258.01	6,606.00	6,578.13	230.73	29.38	-75.58	-1,981.97	-6,778.65	2,689.37	2,437.94	251.43	10.696		
15,109.33	7,258.03	6,606.00	6,578.13	231.00	29.38	-75.58	-1,981.97	-6,778.65	2,689.36	2,437.65	251.70	10.685 CC		
15,200.00	7,258.19	6,606.00	6,578.13	233.56	29.38	-75.58	-1,981.97	-6,778.65	2,690.88	2,436.72	254.16	10.587 ES		
15,300.00	7,258.37	6,606.00	6,578.13	236.38	29.38	-75.58	-1,981.97	-6,778.65	2,696.11	2,439.52	256.58	10.508		
15,400.00	7,258.54	6,606.00	6,578.13	239.21	29.38	-75.58	-1,981.97	-6,778.65	2,705.02	2,446.33	258.69	10.457		
15,500.00	7,258.72	6,606.00	6,578.13	242.04	29.38	-75.58	-1,981.97	-6,778.65	2,717.58	2,457.11	260.48	10.433 SF		
15,600.00	7,258.90	6,606.00	6,578.13	244.87	29.38	-75.58	-1,981.97	-6,778.65	2,733.75	2,471.80	261.95	10.436		
15,700.00	7,259.08	6,606.00	6,578.13	247.70	29.38	-75.58	-1,981.97	-6,778.65	2,753.46	2,490.35	263.10	10.465		
15,800.00	7,259.25	6,606.00	6,578.13	250.53	29.38	-75.58	-1,981.97	-6,778.65	2,776.63	2,512.67	263.96	10.519		
15,900.00	7,259.43	6,606.00	6,578.13	253.36	29.38	-75.58	-1,981.97	-6,778.65	2,803.18	2,538.65	264.52	10.597		
16,000.00	7,259.61	6,606.00	6,578.13	256.19	29.38	-75.58	-1,981.97	-6,778.65	2,833.01	2,568.20	264.81	10.698		
16,100.00	7,259.78	6,606.00	6,578.13	259.02	29.38	-75.58	-1,981.97	-6,778.65	2,866.02	2,601.19	264.83	10.822		
16,200.00	7,259.96	6,606.00	6,578.13	261.85	29.38	-75.58	-1,981.97	-6,778.65	2,902.10	2,637.50	264.60	10.968		
16,300.00	7,260.14	6,606.00	6,578.13	264.68	29.38	-75.58	-1,981.97	-6,778.65	2,941.14	2,676.99	264.15	11.134		
16,400.00	7,260.32	6,606.00	6,578.13	267.52	29.38	-75.58	-1,981.97	-6,778.65	2,983.03	2,719.53	263.50	11.321		
16,500.00	7,260.49	6,606.00	6,578.13	270.35	29.38	-75.58	-1,981.97	-6,778.65	3,027.64	2,764.99	262.65	11.527		
16,600.00	7,260.67	6,606.00	6,578.13	273.19	29.38	-75.58	-1,981.97	-6,778.65	3,074.85	2,813.22	261.64	11.752		
16,700.00	7,260.85	6,606.00	6,578.13	276.02	29.38	-75.58	-1,981.97	-6,778.65	3,124.56	2,864.08	260.47	11.996		
16,800.00	7,261.02	6,606.00	6,578.13	278.86	29.38	-75.58	-1,981.97	-6,778.65	3,176.63	2,917.46	259.18	12.257		
16,900.00	7,261.20	6,606.00	6,578.13	281.69	29.38	-75.58	-1,981.97	-6,778.65	3,230.96	2,973.20	257.77	12.534		
17,000.00	7,261.38	6,606.00	6,578.13	284.53	29.38	-75.58	-1,981.97	-6,778.65	3,287.44	3,031.18	256.26	12.829		
17,100.00	7,261.56	6,606.00	6,578.13	287.37	29.38	-75.58	-1,981.97	-6,778.65	3,345.95	3,091.29	254.67	13.139		
17,200.00	7,261.73	6,606.00	6,578.13	290.21	29.38	-75.58	-1,981.97	-6,778.65	3,406.40	3,153.39	253.01	13.464		
17,300.00	7,261.91	6,606.00	6,578.13	293.04	29.38	-75.58	-1,981.97	-6,778.65	3,468.67	3,217.38	251.29	13.803		
17,400.00	7,262.09	6,606.00	6,578.13	295.88	29.38	-75.58	-1,981.97	-6,778.65	3,532.68	3,283.15	249.53	14.157		
17,500.00	7,262.26	6,606.00	6,578.13	298.72	29.38	-75.58	-1,981.97	-6,778.65	3,598.32	3,350.59	247.73	14.525		
17,600.00	7,262.44	6,606.00	6,578.13	301.56	29.38	-75.58	-1,981.97	-6,778.65	3,665.52	3,419.61	245.91	14.906		
17,700.00	7,262.62	6,606.00	6,578.13	304.40	29.38	-75.58	-1,981.97	-6,778.65	3,734.19	3,490.12	244.08	15.299		
17,800.00	7,262.80	6,606.00	6,578.13	307.24	29.38	-75.58	-1,981.97	-6,778.65	3,804.25	3,562.02	242.23	15.705		
17,900.00	7,262.97	6,606.00	6,578.13	310.08	29.38	-75.58	-1,981.97	-6,778.65	3,875.62	3,635.24	240.39	16.123		
18,000.00	7,263.15	6,606.00	6,578.13	312.92	29.38	-75.58	-1,981.97	-6,778.65	3,948.24	3,709.70	238.54	16.552		
18,100.00	7,263.33	6,606.00	6,578.13	315.76	29.38	-75.58	-1,981.97	-6,778.65	4,022.03	3,785.32	236.71	16.992		
18,200.00	7,263.50	6,606.00	6,578.13	318.61	29.38	-75.58	-1,981.97	-6,778.65	4,096.93	3,862.05	234.89	17.442		
18,300.00	7,263.68	6,606.00	6,578.13	321.45	29.38	-75.58	-1,981.97	-6,778.65	4,172.89	3,939.81	233.08	17.903		
18,400.00	7,263.86	6,606.00	6,578.13	324.29	29.38	-75.58	-1,981.97	-6,778.65	4,249.84	4,018.54	231.30	18.374		
18,500.00	7,264.04	6,606.00	6,578.13	327.13	29.38	-75.58	-1,981.97	-6,778.65	4,327.73	4,098.20	229.53	18.854		
18,600.00	7,264.21	6,606.00	6,578.13	329.97	29.38	-75.58	-1,981.97	-6,778.65	4,406.52	4,178.72	227.80	19.344		
18,700.00	7,264.39	6,606.00	6,578.13	332.82	29.38	-75.58	-1,981.97	-6,778.65	4,486.15	4,260.06	226.09	19.843		
18,800.00	7,264.57	6,606.00	6,578.13	335.66	29.38	-75.58	-1,981.97	-6,778.65	4,566.58	4,342.18	224.40	20.350		
18,900.00	7,264.74	6,606.00	6,578.13	338.51	29.38	-75.58	-1,981.97	-6,778.65	4,647.77	4,425.02	222.75	20.866		
19,000.00	7,264.92	6,606.00	6,578.13	341.35	29.38	-75.58	-1,981.97	-6,778.65	4,729.69	4,508.56	221.12	21.389		
19,044.52	7,265.00	6,606.00	6,578.13	342.62	29.38	-75.58	-1,981.97	-6,778.65	4,766.38	4,545.97	220.41	21.625		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	-111.47	-2,227.81	-5,663.95	6,086.34					
100.00	100.00	85.00	85.00	3.28	3.29	-111.47	-2,227.81	-5,663.95	6,086.34	6,079.77	6.57	926.383		
200.00	200.00	185.00	185.00	3.34	3.31	-111.47	-2,227.81	-5,663.95	6,086.34	6,079.69	6.64	916.332		
300.00	299.98	284.98	284.98	3.44	3.34	-177.03	-2,227.81	-5,663.95	6,088.08	6,081.30	6.78	897.547		
400.00	399.84	384.84	384.84	3.60	3.39	-177.03	-2,227.81	-5,663.95	6,093.30	6,086.31	6.99	871.686		
500.00	499.45	484.45	484.45	3.81	3.45	-177.02	-2,227.81	-5,663.95	6,102.01	6,094.75	7.26	840.758		
600.00	598.70	583.70	583.70	4.06	3.52	-177.02	-2,227.81	-5,663.95	6,114.18	6,106.60	7.58	806.810		
700.00	697.47	682.47	682.47	4.34	3.61	-177.01	-2,227.81	-5,663.95	6,129.80	6,121.86	7.94	771.553		
800.00	795.62	780.62	780.62	4.66	3.70	-177.00	-2,227.81	-5,663.95	6,148.86	6,140.50	8.35	736.287		
824.00	819.08	804.08	804.08	4.75	3.72	-176.99	-2,227.81	-5,663.95	6,153.94	6,145.48	8.46	727.533		
900.00	893.28	878.28	878.28	5.02	3.80	-177.00	-2,227.81	-5,663.95	6,170.34	6,161.55	8.79	702.074		
1,000.00	990.92	975.92	975.92	5.40	3.92	-177.01	-2,227.81	-5,663.95	6,191.92	6,182.67	9.25	669.595		
1,100.00	1,088.56	1,073.56	1,073.56	5.80	4.04	-177.02	-2,227.81	-5,663.95	6,213.50	6,203.77	9.73	638.508		
1,200.00	1,186.19	1,171.19	1,171.19	6.21	4.17	-177.03	-2,227.81	-5,663.95	6,235.08	6,224.85	10.24	609.074		
1,300.00	1,283.83	1,268.83	1,268.83	6.64	4.30	-177.04	-2,227.81	-5,663.95	6,256.67	6,245.91	10.76	581.409		
1,400.00	1,381.47	1,273.02	1,273.01	7.08	4.41	-177.04	-2,227.30	-5,664.74	6,279.49	6,268.23	11.26	557.760		
1,500.00	1,479.10	1,300.00	1,299.98	7.53	4.49	-177.03	-2,226.86	-5,665.42	6,302.99	6,291.26	11.73	537.216		
1,600.00	1,576.74	1,357.98	1,357.90	7.99	4.67	-177.02	-2,225.45	-5,667.62	6,327.24	6,314.93	12.31	513.948		
1,700.00	1,674.38	1,400.00	1,399.84	8.45	4.80	-177.00	-2,224.03	-5,669.82	6,352.38	6,339.53	12.85	494.492		
1,800.00	1,772.02	1,442.06	1,441.77	8.92	4.94	-176.98	-2,222.28	-5,672.55	6,378.34	6,364.95	13.39	476.390		
1,900.00	1,869.65	1,500.00	1,499.45	9.39	5.13	-176.95	-2,219.32	-5,677.16	6,405.18	6,391.19	13.99	457.738		
2,000.00	1,967.29	1,525.13	1,524.43	9.87	5.22	-176.93	-2,217.84	-5,679.46	6,432.75	6,418.27	14.48	444.128		
2,100.00	2,064.93	1,576.19	1,575.11	10.35	5.40	-176.89	-2,214.47	-5,684.70	6,461.21	6,446.13	15.07	428.617		
2,200.00	2,162.56	1,648.31	1,646.61	10.83	5.67	-176.83	-2,209.37	-5,692.65	6,490.21	6,474.45	15.76	411.869		
2,300.00	2,260.20	1,743.57	1,741.05	11.32	6.05	-176.74	-2,202.62	-5,703.14	6,519.27	6,502.72	16.55	393.977		
2,400.00	2,357.84	1,838.83	1,835.49	11.80	6.44	-176.66	-2,195.88	-5,713.64	6,548.34	6,530.98	17.35	377.332		
2,500.00	2,455.48	1,934.09	1,929.93	12.29	6.84	-176.58	-2,189.14	-5,724.13	6,577.42	6,559.25	18.17	361.905		
2,600.00	2,553.11	2,029.36	2,024.37	12.78	7.25	-176.50	-2,182.40	-5,734.62	6,606.51	6,587.51	19.01	347.606		
2,700.00	2,650.75	2,124.62	2,118.82	13.27	7.68	-176.42	-2,175.65	-5,745.12	6,635.62	6,615.77	19.85	334.345		
2,800.00	2,748.39	2,219.88	2,213.26	13.77	8.11	-176.34	-2,168.91	-5,755.61	6,664.74	6,644.04	20.70	322.035		
2,900.00	2,846.02	2,315.14	2,307.70	14.26	8.54	-176.26	-2,162.17	-5,766.11	6,693.87	6,672.32	21.55	310.595		
3,000.00	2,943.66	2,410.40	2,402.14	14.76	8.99	-176.19	-2,155.42	-5,776.60	6,723.01	6,700.59	22.41	299.949		
3,100.00	3,041.30	2,505.67	2,496.58	15.25	9.43	-176.11	-2,148.68	-5,787.10	6,752.16	6,728.88	23.28	290.026		
3,200.00	3,138.94	2,600.93	2,591.03	15.75	9.88	-176.03	-2,141.94	-5,797.59	6,781.32	6,757.17	24.15	280.764		
3,300.00	3,236.57	2,703.81	2,685.47	16.25	10.37	-175.96	-2,135.20	-5,808.08	6,810.50	6,785.43	25.06	271.726		
3,400.00	3,334.21	2,808.55	2,779.91	16.75	10.88	-175.88	-2,128.45	-5,818.58	6,839.68	6,813.69	25.99	263.196		
3,500.00	3,431.85	2,886.72	2,874.35	17.25	11.26	-175.81	-2,121.71	-5,829.07	6,868.88	6,842.09	26.79	256.386		
3,600.00	3,529.48	2,981.98	2,968.79	17.75	11.72	-175.74	-2,114.97	-5,839.57	6,898.08	6,870.41	27.68	249.240		
3,700.00	3,627.12	3,077.24	3,063.24	18.25	12.18	-175.66	-2,108.22	-5,850.06	6,927.30	6,898.73	28.56	242.516		
3,800.00	3,724.76	3,172.50	3,157.68	18.75	12.65	-175.59	-2,101.48	-5,860.56	6,956.53	6,927.07	29.45	236.181		
3,900.00	3,822.40	3,267.76	3,252.12	19.25	13.12	-175.52	-2,094.74	-5,871.05	6,985.76	6,955.42	30.35	230.202		
4,000.00	3,920.03	3,363.03	3,346.56	19.75	13.59	-175.45	-2,088.00	-5,881.54	7,015.01	6,983.77	31.24	224.552		
4,100.00	4,017.67	3,458.29	3,441.00	20.25	14.06	-175.38	-2,081.25	-5,892.04	7,044.27	7,012.13	32.14	219.206		
4,200.00	4,115.31	3,553.55	3,535.44	20.76	14.53	-175.31	-2,074.51	-5,902.53	7,073.53	7,040.50	33.03	214.140		
4,300.00	4,212.94	3,648.81	3,629.89	21.26	15.01	-175.24	-2,067.77	-5,913.03	7,102.81	7,068.88	33.93	209.335		
4,400.00	4,310.58	3,744.07	3,724.33	21.76	15.48	-175.17	-2,061.02	-5,923.52	7,132.09	7,097.26	34.83	204.770		
4,500.00	4,408.22	3,839.34	3,818.77	22.27	15.96	-175.10	-2,054.28	-5,934.01	7,161.39	7,125.66	35.73	200.430		
4,600.00	4,505.86	3,934.60	3,913.21	22.77	16.43	-175.03	-2,047.54	-5,944.51	7,190.69	7,154.06	36.63	196.297		
4,700.00	4,603.49	4,029.86	4,007.65	23.28	16.91	-174.96	-2,040.80	-5,955.00	7,220.01	7,182.47	37.53	192.359		
4,800.00	4,701.13	4,125.12	4,102.10	23.78	17.39	-174.90	-2,034.05	-5,965.50	7,249.33	7,210.89	38.44	188.602		
4,900.00	4,798.77	4,220.38	4,196.54	24.28	17.87	-174.83	-2,027.31	-5,975.99	7,278.66	7,239.32	39.34	185.014		
5,000.00	4,896.40	4,315.65	4,290.98	24.79	18.35	-174.77	-2,020.57	-5,986.49	7,308.00	7,267.76	40.25	181.584		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	4,410.91	4,385.42	25.30	18.83	-174.70	-2,013.82	-5,996.98	7,337.35	7,296.20	41.15	178.302		
5,200.00	5,091.68	4,506.17	4,479.86	25.80	19.31	-174.64	-2,007.08	-6,007.47	7,366.71	7,324.65	42.06	175.159		
5,300.00	5,189.32	4,601.43	4,574.31	26.31	19.79	-174.57	-2,000.34	-6,017.97	7,396.07	7,353.11	42.96	172.146		
5,400.00	5,286.95	4,703.31	4,668.75	26.81	20.30	-174.51	-1,993.60	-6,028.46	7,425.45	7,381.55	43.90	169.134		
5,500.00	5,384.59	4,808.04	4,763.19	27.32	20.83	-174.45	-1,986.85	-6,038.96	7,454.83	7,409.98	44.86	166.195		
5,600.00	5,482.23	4,887.22	4,857.63	27.82	21.23	-174.38	-1,980.11	-6,049.45	7,484.22	7,438.54	45.69	163.816		
5,700.00	5,579.87	4,982.48	4,952.07	28.33	21.71	-174.32	-1,973.37	-6,059.95	7,513.62	7,467.03	46.60	161.253		
5,800.00	5,677.50	5,069.49	5,039.08	28.84	22.19	-174.25	-1,966.62	-6,069.90	7,543.01	7,496.42	47.51	158.874		
5,900.00	5,775.14	5,163.13	5,132.72	29.34	22.67	-174.17	-1,959.87	-6,079.90	7,571.41	7,523.82	48.42	156.495		
6,000.00	5,872.78	5,256.77	5,226.36	29.85	23.15	-174.10	-1,953.12	-6,089.90	7,600.81	7,553.22	49.33	154.116		
6,100.00	5,970.41	5,350.40	5,320.00	30.36	23.63	-174.02	-1,946.37	-6,099.90	7,630.21	7,582.62	50.24	151.737		
6,200.00	6,068.05	5,444.04	5,413.63	30.86	24.11	-173.95	-1,939.62	-6,109.90	7,659.61	7,611.02	51.15	149.358		
6,300.00	6,165.69	5,537.68	5,507.27	31.37	24.59	-173.87	-1,932.87	-6,119.90	7,689.01	7,640.42	52.06	146.979		
6,400.00	6,263.33	5,631.31	5,600.90	31.88	25.07	-173.80	-1,926.12	-6,129.90	7,718.41	7,669.82	52.97	144.600		
6,500.00	6,360.96	5,724.95	5,694.54	32.38	25.55	-173.72	-1,919.37	-6,139.90	7,747.81	7,699.22	53.88	142.221		
6,600.00	6,458.60	5,818.59	5,788.18	32.89	26.03	-173.65	-1,912.62	-6,149.90	7,777.21	7,728.62	54.79	139.842		
6,628.42	6,486.35	5,846.34	5,815.93	33.04	26.18	-173.62	-1,910.87	-6,151.90	7,787.21	7,738.62	55.00	139.242		
6,650.00	6,507.49	5,867.48	5,837.07	33.14	26.28	-173.60	-1,909.12	-6,153.90	7,797.21	7,748.62	55.21	138.642		
6,700.00	6,556.88	5,916.87	5,886.46	33.37	26.51	-173.53	-1,902.37	-6,163.90	7,826.61	7,778.02	56.12	136.263		
6,750.00	6,606.60	5,966.59	5,936.18	33.58	26.74	-173.46	-1,895.62	-6,173.90	7,856.01	7,807.42	57.03	133.884		
6,800.00	6,656.35	6,016.30	5,985.93	33.76	26.97	-173.39	-1,888.87	-6,183.90	7,885.41	7,836.82	57.94	131.505		
6,850.00	6,705.83	6,065.81	6,035.41	33.94	27.20	-173.32	-1,882.12	-6,193.90	7,914.81	7,866.22	58.85	129.126		
6,900.00	6,754.72	6,115.30	6,084.90	34.12	27.43	-173.25	-1,875.37	-6,203.90	7,944.21	7,895.62	59.76	126.747		
6,950.00	6,802.72	6,164.81	6,134.40	34.31	27.66	-173.18	-1,868.62	-6,213.90	7,973.61	7,925.02	60.67	124.368		
7,000.00	6,849.54	6,214.32	6,183.91	34.50	27.89	-173.11	-1,861.87	-6,223.90	8,003.01	7,954.42	61.58	121.989		
7,050.00	6,894.89	6,263.83	6,233.42	34.71	28.12	-173.04	-1,855.12	-6,233.90	8,032.41	7,983.82	62.49	119.610		
7,100.00	6,938.49	6,313.34	6,277.93	34.93	28.35	-172.97	-1,848.37	-6,243.90	8,061.81	8,013.22	63.40	117.231		
7,150.00	6,980.07	6,362.85	6,322.44	35.17	28.58	-172.90	-1,841.62	-6,253.90	8,091.21	8,042.62	64.31	114.852		
7,200.00	7,019.38	6,412.36	6,366.95	35.43	28.81	-172.83	-1,834.87	-6,263.90	8,120.61	8,072.02	65.22	112.473		
7,250.00	7,056.17	6,461.87	6,411.46	35.71	29.04	-172.76	-1,828.12	-6,273.90	8,150.01	8,101.42	66.13	110.094		
7,300.00	7,090.21	6,511.38	6,455.97	36.03	29.27	-172.69	-1,821.37	-6,283.90	8,179.41	8,130.82	67.04	107.715		
7,350.00	7,121.30	6,560.89	6,505.48	36.37	29.50	-172.62	-1,814.62	-6,293.90	8,208.81	8,160.22	67.95	105.336		
7,400.00	7,149.25	6,610.40	6,554.99	36.75	29.73	-172.55	-1,807.87	-6,303.90	8,238.21	8,189.62	68.86	102.957		
7,450.00	7,173.87	6,660.00	6,604.59	37.17	29.96	-172.48	-1,801.12	-6,313.90	8,267.61	8,219.02	69.77	100.578		
7,500.00	7,195.03	6,709.61	6,654.10	37.62	30.19	-172.41	-1,794.37	-6,323.90	8,297.01	8,248.42	70.68	98.199		
7,550.00	7,212.58	6,759.22	6,703.61	38.11	30.42	-172.34	-1,787.62	-6,333.90	8,326.41	8,277.82	71.59	95.820		
7,600.00	7,226.43	6,808.83	6,753.12	38.64	30.65	-172.27	-1,780.87	-6,343.90	8,355.81	8,307.22	72.50	93.441		
7,650.00	7,236.48	6,858.44	6,802.63	39.20	30.88	-172.20	-1,774.12	-6,353.90	8,385.21	8,336.62	73.41	91.062		
7,700.00	7,242.68	6,908.05	6,852.14	39.79	31.11	-172.13	-1,767.37	-6,363.90	8,414.61	8,366.02	74.32	88.683		
7,753.32	7,245.00	6,957.66	6,899.46	40.44	31.34	-172.06	-1,760.62	-6,373.90	8,444.01	8,395.42	75.23	86.304		
7,800.00	7,245.08	6,957.66	6,899.46	41.04	31.34	-172.06	-1,760.62	-6,373.90	8,444.01	8,395.42	75.23	86.304		
7,900.00	7,245.26	6,957.66	6,899.46	42.43	31.34	-172.06	-1,760.62	-6,373.90	8,444.01	8,395.42	75.23	86.304		
8,000.00	7,245.43	6,957.66	6,899.46	43.97	31.34	-172.06	-1,760.62	-6,373.90	8,444.01	8,395.42	75.23	86.304		
8,100.00	7,245.61	6,957.66	6,899.46	45.64	31.34	-172.06	-1,760.62	-6,373.90	8,444.01	8,395.42	75.23	86.304		
8,200.00	7,245.79	6,957.66	6,899.46	47.42	31.34	-172.06	-1,760.62	-6,373.90	8,444.01	8,395.42	75.23	86.304		
8,300.00	7,245.97	6,957.66	6,899.46	49.30	31.34	-172.06	-1,760.62	-6,373.90	8,444.01	8,395.42	75.23	86.304		
8,400.00	7,246.14	6,957.66	6,899.46	51.28	31.34	-172.06	-1,760.62	-6,373.90	8,444.01	8,395.42	75.23	86.304		
8,500.00	7,246.32	6,957.66	6,899.46	53.34	31.34	-172.06	-1,760.62	-6,373.90	8,444.01	8,395.42	75.23	86.304		
8,600.00	7,246.50	6,957.66	6,899.46	55.46	31.34	-172.06	-1,760.62	-6,373.90	8,444.01	8,395.42	75.23	86.304		
8,700.00	7,246.67	6,957.66	6,899.46	57.66	31.34	-172.06	-1,760.62	-6,373.90	8,444.01	8,395.42	75.23	86.304		
8,800.00	7,246.85	6,957.66	6,899.46	59.90	31.34	-172.06	-1,760.62	-6,373.90	8,444.01	8,395.42	75.23	86.304		
8,900.00	7,247.03	6,957.66	6,899.46	62.20	31.34	-172.06	-1,760.62	-6,373.90	8,444.01	8,395.42	75.23	86.304		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	6,600.00	6,566.07	64.55	28.37	-75.35	-1,962.18	-6,099.90	6,051.97	5,985.91	66.06	91.607		
9,100.00	7,247.38	6,600.00	6,566.07	66.93	28.37	-75.35	-1,962.18	-6,099.90	5,962.40	5,895.41	67.00	88.995		
9,200.00	7,247.56	6,600.00	6,566.07	69.35	28.37	-75.35	-1,962.18	-6,099.90	5,873.17	5,805.17	68.00	86.369		
9,300.00	7,247.74	6,600.00	6,566.07	71.80	28.37	-75.35	-1,962.18	-6,099.90	5,784.29	5,715.21	69.08	83.736		
9,400.00	7,247.91	6,600.00	6,566.07	74.29	28.37	-75.35	-1,962.18	-6,099.90	5,695.78	5,625.55	70.23	81.104		
9,500.00	7,248.09	6,600.00	6,566.07	76.79	28.37	-75.35	-1,962.18	-6,099.90	5,607.65	5,536.20	71.46	78.477		
9,600.00	7,248.27	6,600.00	6,566.07	79.33	28.37	-75.35	-1,962.18	-6,099.90	5,519.93	5,447.17	72.76	75.865		
9,700.00	7,248.45	6,600.00	6,566.07	81.88	28.37	-75.35	-1,962.18	-6,099.90	5,432.64	5,358.49	74.14	73.271		
9,800.00	7,248.62	6,600.00	6,566.07	84.45	28.37	-75.35	-1,962.18	-6,099.90	5,345.79	5,270.18	75.61	70.703		
9,900.00	7,248.80	6,600.00	6,566.07	87.04	28.37	-75.35	-1,962.18	-6,099.90	5,259.40	5,182.25	77.16	68.166		
10,000.00	7,248.98	6,600.00	6,566.07	89.65	28.37	-75.35	-1,962.18	-6,099.90	5,173.51	5,094.72	78.79	65.665		
10,100.00	7,249.15	6,600.00	6,566.07	92.28	28.37	-75.35	-1,962.18	-6,099.90	5,088.13	5,007.63	80.50	63.205		
10,200.00	7,249.33	6,600.00	6,566.07	94.91	28.37	-75.35	-1,962.18	-6,099.90	5,003.30	4,920.99	82.31	60.789		
10,300.00	7,249.51	6,600.00	6,566.07	97.56	28.37	-75.35	-1,962.18	-6,099.90	4,919.03	4,834.83	84.20	58.422		
10,400.00	7,249.69	6,600.00	6,566.07	100.22	28.37	-75.35	-1,962.18	-6,099.90	4,835.36	4,749.18	86.18	56.106		
10,500.00	7,249.86	6,600.00	6,566.07	102.89	28.37	-75.35	-1,962.18	-6,099.90	4,752.33	4,664.07	88.26	53.845		
10,600.00	7,250.04	6,600.00	6,566.07	105.57	28.37	-75.35	-1,962.18	-6,099.90	4,669.96	4,579.53	90.43	51.641		
10,700.00	7,250.22	6,600.00	6,566.07	108.27	28.37	-75.35	-1,962.18	-6,099.90	4,588.29	4,495.59	92.70	49.496		
10,800.00	7,250.39	6,600.00	6,566.07	110.96	28.37	-75.35	-1,962.18	-6,099.90	4,507.36	4,412.29	95.07	47.412		
10,900.00	7,250.57	6,600.00	6,566.07	113.67	28.37	-75.35	-1,962.18	-6,099.90	4,427.21	4,329.67	97.54	45.391		
11,000.00	7,250.75	6,600.00	6,566.07	116.39	28.37	-75.35	-1,962.18	-6,099.90	4,347.88	4,247.77	100.11	43.432		
11,100.00	7,250.93	6,600.00	6,566.07	119.11	28.37	-75.35	-1,962.18	-6,099.90	4,269.42	4,166.63	102.78	41.538		
11,200.00	7,251.10	6,600.00	6,566.07	121.83	28.37	-75.35	-1,962.18	-6,099.90	4,191.87	4,086.31	105.57	39.708		
11,300.00	7,251.28	6,600.00	6,566.07	124.57	28.37	-75.35	-1,962.18	-6,099.90	4,115.30	4,006.84	108.46	37.943		
11,400.00	7,251.46	6,600.00	6,566.07	127.31	28.37	-75.35	-1,962.18	-6,099.90	4,039.75	3,928.29	111.46	36.243		
11,500.00	7,251.63	6,600.00	6,566.07	130.05	28.37	-75.35	-1,962.18	-6,099.90	3,965.28	3,850.70	114.58	34.608		
11,600.00	7,251.81	6,600.00	6,566.07	132.80	28.37	-75.35	-1,962.18	-6,099.90	3,891.96	3,774.15	117.80	33.038		
11,700.00	7,251.99	6,600.00	6,566.07	135.55	28.37	-75.35	-1,962.18	-6,099.90	3,819.85	3,698.70	121.14	31.531		
11,800.00	7,252.17	6,600.00	6,566.07	138.31	28.37	-75.35	-1,962.18	-6,099.90	3,749.01	3,624.41	124.60	30.089		
11,900.00	7,252.34	6,600.00	6,566.07	141.07	28.37	-75.35	-1,962.18	-6,099.90	3,679.54	3,551.37	128.17	28.709		
12,000.00	7,252.52	6,600.00	6,566.07	143.84	28.37	-75.35	-1,962.18	-6,099.90	3,611.49	3,479.64	131.85	27.391		
12,100.00	7,252.70	6,600.00	6,566.07	146.61	28.37	-75.35	-1,962.18	-6,099.90	3,544.96	3,409.32	135.64	26.134		
12,200.00	7,252.87	6,600.00	6,566.07	149.38	28.37	-75.35	-1,962.18	-6,099.90	3,480.03	3,340.49	139.55	24.938		
12,300.00	7,253.05	6,600.00	6,566.07	152.16	28.37	-75.35	-1,962.18	-6,099.90	3,416.80	3,273.24	143.56	23.801		
12,400.00	7,253.23	6,600.00	6,566.07	154.94	28.37	-75.35	-1,962.18	-6,099.90	3,355.35	3,207.69	147.67	22.722		
12,500.00	7,253.41	6,600.00	6,566.07	157.72	28.37	-75.35	-1,962.18	-6,099.90	3,295.80	3,143.92	151.87	21.701		
12,600.00	7,253.58	6,600.00	6,566.07	160.51	28.37	-75.35	-1,962.18	-6,099.90	3,238.24	3,082.06	156.17	20.735		
12,700.00	7,253.76	6,600.00	6,566.07	163.29	28.37	-75.35	-1,962.18	-6,099.90	3,182.77	3,022.23	160.55	19.824		
12,800.00	7,253.94	6,600.00	6,566.07	166.08	28.37	-75.35	-1,962.18	-6,099.90	3,129.53	2,964.53	164.99	18.967		
12,900.00	7,254.11	6,600.00	6,566.07	168.88	28.37	-75.35	-1,962.18	-6,099.90	3,078.61	2,909.11	169.50	18.163		
13,000.00	7,254.29	6,600.00	6,566.07	171.67	28.37	-75.35	-1,962.18	-6,099.90	3,030.13	2,856.08	174.05	17.410		
13,100.00	7,254.47	6,600.00	6,566.07	174.47	28.37	-75.35	-1,962.18	-6,099.90	2,984.22	2,805.59	178.63	16.706		
13,200.00	7,254.65	6,600.00	6,566.07	177.27	28.37	-75.35	-1,962.18	-6,099.90	2,941.00	2,757.78	183.22	16.052		
13,300.00	7,254.82	6,600.00	6,566.07	180.07	28.37	-75.35	-1,962.18	-6,099.90	2,900.58	2,712.78	187.80	15.445		
13,400.00	7,255.00	6,600.00	6,566.07	182.87	28.37	-75.35	-1,962.18	-6,099.90	2,863.08	2,670.73	192.35	14.885		
13,500.00	7,255.18	6,600.00	6,566.07	185.67	28.37	-75.35	-1,962.18	-6,099.90	2,828.63	2,631.77	196.85	14.369		
13,600.00	7,255.35	6,600.00	6,566.07	188.48	28.37	-75.35	-1,962.18	-6,099.90	2,797.32	2,596.04	201.28	13.898		
13,700.00	7,255.53	6,600.00	6,566.07	191.29	28.37	-75.35	-1,962.18	-6,099.90	2,769.28	2,563.68	205.60	13.469		
13,800.00	7,255.71	6,600.00	6,566.07	194.10	28.37	-75.35	-1,962.18	-6,099.90	2,744.59	2,534.79	209.80	13.082		
13,900.00	7,255.89	6,600.00	6,566.07	196.91	28.37	-75.35	-1,962.18	-6,099.90	2,723.35	2,509.51	213.84	12.735		
14,000.00	7,256.06	6,600.00	6,566.07	199.72	28.37	-75.35	-1,962.18	-6,099.90	2,705.65	2,487.94	217.71	12.428		
14,100.00	7,256.24	6,600.00	6,566.07	202.53	28.37	-75.35	-1,962.18	-6,099.90	2,691.55	2,470.17	221.38	12.158		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	6,600.00	6,566.07	205.35	28.37	-75.35	-1,962.18	-6,099.90	2,681.10	2,456.28	224.82	11.925		
14,300.00	7,256.59	6,600.00	6,566.07	208.16	28.37	-75.35	-1,962.18	-6,099.90	2,674.36	2,446.33	228.02	11.728		
14,400.00	7,256.77	6,600.00	6,566.07	210.98	28.37	-75.35	-1,962.18	-6,099.90	2,671.34	2,440.38	230.97	11.566		
14,430.58	7,256.83	6,600.00	6,566.07	211.84	28.37	-75.35	-1,962.18	-6,099.90	2,671.17	2,439.36	231.81	11.523 CC		
14,500.00	7,256.95	6,600.00	6,566.07	213.80	28.37	-75.35	-1,962.18	-6,099.90	2,672.07	2,438.44	233.63	11.437 ES		
14,600.00	7,257.13	6,600.00	6,566.07	216.62	28.37	-75.35	-1,962.18	-6,099.90	2,676.54	2,440.52	236.02	11.340		
14,700.00	7,257.30	6,600.00	6,566.07	219.44	28.37	-75.35	-1,962.18	-6,099.90	2,684.72	2,446.61	238.11	11.275		
14,800.00	7,257.48	6,600.00	6,566.07	222.26	28.37	-75.35	-1,962.18	-6,099.90	2,696.59	2,456.69	239.90	11.240		
14,900.00	7,257.66	6,600.00	6,566.07	225.08	28.37	-75.35	-1,962.18	-6,099.90	2,712.10	2,470.70	241.40	11.235 SF		
15,000.00	7,257.83	6,600.00	6,566.07	227.91	28.37	-75.35	-1,962.18	-6,099.90	2,731.19	2,488.57	242.61	11.257		
15,100.00	7,258.01	6,600.00	6,566.07	230.73	28.37	-75.35	-1,962.18	-6,099.90	2,753.77	2,510.23	243.54	11.307		
15,200.00	7,258.19	6,600.00	6,566.07	233.56	28.37	-75.35	-1,962.18	-6,099.90	2,779.77	2,535.58	244.19	11.384		
15,300.00	7,258.37	6,600.00	6,566.07	236.38	28.37	-75.35	-1,962.18	-6,099.90	2,809.10	2,564.51	244.58	11.485		
15,400.00	7,258.54	6,600.00	6,566.07	239.21	28.37	-75.35	-1,962.18	-6,099.90	2,841.64	2,596.91	244.73	11.611		
15,500.00	7,258.72	6,600.00	6,566.07	242.04	28.37	-75.35	-1,962.18	-6,099.90	2,877.29	2,632.64	244.65	11.761		
15,600.00	7,258.90	6,600.00	6,566.07	244.87	28.37	-75.35	-1,962.18	-6,099.90	2,915.94	2,671.59	244.35	11.933		
15,700.00	7,259.08	6,600.00	6,566.07	247.70	28.37	-75.35	-1,962.18	-6,099.90	2,957.46	2,713.60	243.86	12.128		
15,800.00	7,259.25	6,600.00	6,566.07	250.53	28.37	-75.35	-1,962.18	-6,099.90	3,001.74	2,758.55	243.19	12.343		
15,900.00	7,259.43	6,600.00	6,566.07	253.36	28.37	-75.35	-1,962.18	-6,099.90	3,048.66	2,806.30	242.36	12.579		
16,000.00	7,259.61	6,600.00	6,566.07	256.19	28.37	-75.35	-1,962.18	-6,099.90	3,098.10	2,856.71	241.39	12.835		
16,100.00	7,259.78	6,600.00	6,566.07	259.02	28.37	-75.35	-1,962.18	-6,099.90	3,149.94	2,909.64	240.29	13.109		
16,200.00	7,259.96	6,600.00	6,566.07	261.85	28.37	-75.35	-1,962.18	-6,099.90	3,204.06	2,964.97	239.09	13.401		
16,300.00	7,260.14	6,600.00	6,566.07	264.68	28.37	-75.35	-1,962.18	-6,099.90	3,260.35	3,022.56	237.79	13.711		
16,400.00	7,260.32	6,636.70	6,601.89	267.52	28.47	-76.13	-1,970.16	-6,099.89	3,317.78	3,080.54	237.25	13.984		
16,500.00	7,260.49	6,636.74	6,601.92	270.35	28.47	-76.13	-1,970.17	-6,099.89	3,378.10	3,142.31	235.80	14.326		
16,600.00	7,260.67	6,636.77	6,601.95	273.19	28.47	-76.13	-1,970.18	-6,099.89	3,440.27	3,205.98	234.29	14.684		
16,700.00	7,260.85	6,636.80	6,601.99	276.02	28.47	-76.14	-1,970.18	-6,099.89	3,504.18	3,271.45	232.74	15.056		
16,800.00	7,261.02	6,636.84	6,602.02	278.86	28.47	-76.14	-1,970.19	-6,099.89	3,569.76	3,338.61	231.15	15.443		
16,900.00	7,261.20	6,636.87	6,602.05	281.69	28.47	-76.14	-1,970.20	-6,099.89	3,636.90	3,407.36	229.54	15.844		
17,000.00	7,261.38	6,636.90	6,602.08	284.53	28.47	-76.14	-1,970.21	-6,099.89	3,705.53	3,477.61	227.92	16.258		
17,100.00	7,261.56	6,636.93	6,602.11	287.37	28.47	-76.14	-1,970.22	-6,099.89	3,775.55	3,549.27	226.28	16.685		
17,200.00	7,261.73	6,636.97	6,602.15	290.21	28.47	-76.14	-1,970.22	-6,099.89	3,846.90	3,622.26	224.64	17.125		
17,300.00	7,261.91	6,637.00	6,602.18	293.04	28.47	-76.14	-1,970.23	-6,099.89	3,919.51	3,696.50	223.00	17.576		
17,400.00	7,262.09	6,637.03	6,602.21	295.88	28.47	-76.14	-1,970.24	-6,099.89	3,993.30	3,771.92	221.37	18.039		
17,500.00	7,262.26	6,637.07	6,602.24	298.72	28.47	-76.14	-1,970.25	-6,099.89	4,068.20	3,848.45	219.75	18.513		
17,600.00	7,262.44	6,637.10	6,602.27	301.56	28.47	-76.14	-1,970.26	-6,099.89	4,144.17	3,926.03	218.15	18.997		
17,700.00	7,262.62	6,637.13	6,602.31	304.40	28.47	-76.14	-1,970.26	-6,099.89	4,221.14	4,004.59	216.56	19.492		
17,800.00	7,262.80	6,637.16	6,602.34	307.24	28.47	-76.14	-1,970.27	-6,099.89	4,299.06	4,084.07	214.99	19.997		
17,900.00	7,262.97	6,637.20	6,602.37	310.08	28.47	-76.14	-1,970.28	-6,099.89	4,377.87	4,164.44	213.44	20.511		
18,000.00	7,263.15	6,637.23	6,602.40	312.92	28.47	-76.14	-1,970.29	-6,099.89	4,457.54	4,245.63	211.91	21.035		
18,100.00	7,263.33	6,637.26	6,602.43	315.76	28.47	-76.14	-1,970.30	-6,099.89	4,538.01	4,327.60	210.41	21.567		
18,200.00	7,263.50	6,637.30	6,602.47	318.61	28.47	-76.15	-1,970.30	-6,099.89	4,619.24	4,410.31	208.94	22.108		
18,300.00	7,263.68	6,637.33	6,602.50	321.45	28.47	-76.15	-1,970.31	-6,099.89	4,701.20	4,493.71	207.49	22.658		
18,400.00	7,263.86	6,637.36	6,602.53	324.29	28.47	-76.15	-1,970.32	-6,099.89	4,783.84	4,577.78	206.07	23.215		
18,500.00	7,264.04	6,637.40	6,602.56	327.13	28.47	-76.15	-1,970.33	-6,099.89	4,867.14	4,662.46	204.67	23.780		
18,600.00	7,264.21	6,637.43	6,602.59	329.97	28.47	-76.15	-1,970.34	-6,099.89	4,951.05	4,747.74	203.31	24.353		
18,700.00	7,264.39	6,637.46	6,602.63	332.82	28.47	-76.15	-1,970.34	-6,099.89	5,035.55	4,833.58	201.97	24.932		
18,800.00	7,264.57	6,637.49	6,602.66	335.66	28.47	-76.15	-1,970.35	-6,099.89	5,120.61	4,919.95	200.66	25.519		
18,900.00	7,264.74	6,637.53	6,602.69	338.51	28.47	-76.15	-1,970.36	-6,099.89	5,206.20	5,006.82	199.38	26.112		
19,000.00	7,264.92	6,637.56	6,602.72	341.35	28.47	-76.15	-1,970.37	-6,099.89	5,292.29	5,094.17	198.13	26.712		
19,044.52	7,265.00	6,637.57	6,602.74	342.62	28.47	-76.15	-1,970.37	-6,099.89	5,330.78	5,133.20	197.58	26.981		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	-111.37	-2,227.80	-5,694.55	6,114.82					
100.00	100.00	85.00	85.00	3.28	3.29	-111.37	-2,227.80	-5,694.55	6,114.82	6,108.25	6.57	930.717		
200.00	200.00	185.00	185.00	3.34	3.31	-111.37	-2,227.80	-5,694.55	6,114.82	6,108.17	6.64	920.620		
300.00	299.98	284.98	284.98	3.44	3.34	-176.93	-2,227.80	-5,694.55	6,116.56	6,109.77	6.78	901.746		
400.00	399.84	384.84	384.84	3.60	3.39	-176.92	-2,227.80	-5,694.55	6,121.78	6,114.79	6.99	875.762		
500.00	499.45	484.45	484.45	3.81	3.45	-176.92	-2,227.80	-5,694.55	6,130.49	6,123.23	7.26	844.685		
600.00	598.70	583.70	583.70	4.06	3.52	-176.91	-2,227.80	-5,694.55	6,142.66	6,135.08	7.58	810.571		
700.00	697.47	682.47	682.47	4.34	3.61	-176.90	-2,227.80	-5,694.55	6,158.28	6,150.33	7.94	775.143		
800.00	795.62	780.62	780.62	4.66	3.70	-176.89	-2,227.80	-5,694.55	6,177.33	6,168.98	8.35	739.703		
824.00	819.08	804.08	804.08	4.75	3.72	-176.89	-2,227.80	-5,694.55	6,182.41	6,173.95	8.46	730.906		
900.00	893.28	878.28	878.28	5.02	3.80	-176.89	-2,227.80	-5,694.55	6,198.81	6,190.02	8.79	705.321		
1,000.00	990.92	867.47	867.46	5.40	3.87	-176.89	-2,227.52	-5,695.29	6,221.92	6,212.73	9.19	676.730		
1,100.00	1,088.56	900.00	899.98	5.80	3.94	-176.89	-2,227.18	-5,696.18	6,245.67	6,236.05	9.63	648.668		
1,200.00	1,186.19	941.69	941.63	6.21	4.05	-176.88	-2,226.56	-5,697.82	6,270.35	6,260.24	10.10	620.763		
1,300.00	1,283.83	1,000.00	999.84	6.64	4.20	-176.86	-2,225.32	-5,701.07	6,296.04	6,285.41	10.63	592.123		
1,400.00	1,381.47	1,000.00	999.84	7.08	4.20	-176.86	-2,225.32	-5,701.07	6,322.51	6,311.50	11.02	573.967		
1,500.00	1,479.10	1,051.53	1,051.20	7.53	4.35	-176.84	-2,223.88	-5,704.86	6,349.89	6,338.34	11.55	549.698		
1,600.00	1,576.74	1,100.00	1,099.45	7.99	4.49	-176.82	-2,222.22	-5,709.21	6,378.26	6,366.17	12.09	527.614		
1,700.00	1,674.38	1,100.00	1,099.45	8.45	4.49	-176.82	-2,222.22	-5,709.21	6,407.58	6,395.10	12.48	513.465		
1,800.00	1,772.02	1,159.32	1,158.38	8.92	4.68	-176.78	-2,219.80	-5,715.58	6,437.58	6,424.52	13.07	492.717		
1,900.00	1,869.65	1,200.00	1,198.70	9.39	4.82	-176.75	-2,217.88	-5,720.60	6,468.59	6,455.00	13.60	475.764		
2,000.00	1,967.29	1,229.92	1,228.30	9.87	4.93	-176.73	-2,216.35	-5,724.64	6,500.47	6,486.38	14.09	461.244		
2,100.00	2,064.93	1,302.64	1,300.16	10.35	5.20	-176.67	-2,212.37	-5,735.07	6,533.05	6,518.29	14.76	442.727		
2,200.00	2,162.56	1,403.23	1,393.18	10.83	5.60	-176.59	-2,207.22	-5,748.61	6,565.69	6,550.15	15.55	422.365		
2,300.00	2,260.20	1,490.91	1,486.19	11.32	5.97	-176.51	-2,202.07	-5,762.15	6,598.35	6,582.04	16.30	404.692		
2,400.00	2,357.84	1,585.04	1,579.20	11.80	6.38	-176.44	-2,196.91	-5,775.68	6,631.01	6,613.91	17.10	387.676		
2,500.00	2,455.48	1,679.17	1,672.22	12.29	6.81	-176.36	-2,191.76	-5,789.22	6,663.69	6,645.78	17.92	371.905		
2,600.00	2,553.11	1,773.31	1,765.23	12.78	7.24	-176.28	-2,186.60	-5,802.76	6,696.38	6,677.64	18.74	357.291		
2,700.00	2,650.75	1,867.44	1,858.24	13.27	7.69	-176.21	-2,181.45	-5,816.30	6,729.08	6,709.50	19.58	343.741		
2,800.00	2,748.39	1,961.58	1,951.26	13.77	8.14	-176.13	-2,176.30	-5,829.83	6,761.79	6,741.37	20.42	331.169		
2,900.00	2,846.02	2,055.71	2,044.27	14.26	8.60	-176.06	-2,171.14	-5,843.37	6,794.51	6,773.24	21.27	319.489		
3,000.00	2,943.66	2,149.85	2,137.28	14.76	9.07	-175.99	-2,165.99	-5,856.91	6,827.24	6,805.12	22.12	308.624		
3,100.00	3,041.30	2,243.98	2,230.30	15.25	9.54	-175.92	-2,160.84	-5,870.45	6,859.98	6,837.00	22.98	298.500		
3,200.00	3,138.94	2,338.12	2,323.31	15.75	10.01	-175.84	-2,155.68	-5,883.99	6,892.73	6,868.88	23.85	289.053		
3,300.00	3,236.57	2,432.25	2,416.32	16.25	10.49	-175.77	-2,150.53	-5,897.52	6,925.48	6,900.77	24.71	280.222		
3,400.00	3,334.21	2,526.38	2,509.33	16.75	10.97	-175.70	-2,145.37	-5,911.06	6,958.25	6,932.67	25.59	271.955		
3,500.00	3,431.85	2,620.52	2,602.35	17.25	11.45	-175.63	-2,140.22	-5,924.60	6,991.03	6,964.57	26.46	264.203		
3,600.00	3,529.48	2,714.65	2,695.36	17.75	11.94	-175.57	-2,135.07	-5,938.14	7,023.82	6,996.48	27.34	256.921		
3,700.00	3,627.12	2,808.79	2,788.37	18.25	12.43	-175.50	-2,129.91	-5,951.67	7,056.61	7,028.39	28.22	250.072		
3,800.00	3,724.76	2,902.92	2,881.39	18.75	12.92	-175.43	-2,124.76	-5,965.21	7,089.42	7,060.31	29.10	243.620		
3,900.00	3,822.40	3,002.94	2,974.40	19.25	13.44	-175.36	-2,119.60	-5,978.75	7,122.23	7,092.22	30.01	237.312		
4,000.00	3,920.03	3,108.81	3,067.41	19.75	13.99	-175.30	-2,114.45	-5,992.29	7,155.05	7,124.10	30.95	231.155		
4,100.00	4,017.67	3,185.33	3,160.43	20.25	14.40	-175.23	-2,109.30	-6,005.83	7,187.88	7,156.12	31.76	226.338		
4,200.00	4,115.31	3,279.46	3,253.44	20.76	14.89	-175.16	-2,104.14	-6,019.36	7,220.72	7,188.07	32.65	221.183		
4,300.00	4,212.94	3,373.59	3,346.45	21.26	15.39	-175.10	-2,098.99	-6,032.90	7,253.57	7,220.03	33.54	216.293		
4,400.00	4,310.58	3,467.73	3,439.47	21.76	15.89	-175.04	-2,093.83	-6,046.44	7,286.42	7,251.99	34.43	211.648		
4,500.00	4,408.22	3,561.86	3,532.48	22.27	16.38	-174.97	-2,088.68	-6,059.98	7,319.28	7,283.97	35.32	207.233		
4,600.00	4,505.86	3,656.00	3,625.49	22.77	16.88	-174.91	-2,083.53	-6,073.51	7,352.16	7,315.94	36.21	203.029		
4,700.00	4,603.49	3,750.13	3,718.51	23.28	17.38	-174.85	-2,078.37	-6,087.05	7,385.03	7,347.93	37.11	199.024		
4,800.00	4,701.13	3,844.27	3,811.52	23.78	17.88	-174.79	-2,073.22	-6,100.59	7,417.92	7,379.92	38.00	195.203		
4,900.00	4,798.77	3,938.40	3,904.53	24.28	18.38	-174.72	-2,068.06	-6,114.13	7,450.82	7,411.92	38.90	191.554		
5,000.00	4,896.40	4,032.53	3,997.55	24.79	18.89	-174.66	-2,062.91	-6,127.67	7,483.72	7,443.93	39.79	188.066		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	4,126.67	4,090.56	25.30	19.39	-174.60	-2,057.76	-6,141.20	7,516.63	7,475.94	40.69	184.730		
5,200.00	5,091.68	4,220.80	4,183.57	25.80	19.89	-174.54	-2,052.60	-6,154.74	7,549.55	7,507.96	41.59	181.534		
5,300.00	5,189.32	4,314.94	4,276.59	26.31	20.39	-174.49	-2,047.45	-6,168.28	7,582.47	7,539.98	42.49	178.472		
5,400.00	5,286.95	4,409.07	4,369.60	26.81	20.90	-174.43	-2,042.29	-6,181.82	7,615.40	7,572.02	43.38	175.535		
5,500.00	5,384.59	4,503.21	4,462.61	27.32	21.40	-174.37	-2,037.14	-6,195.35	7,648.34	7,604.06	44.28	172.715		
5,600.00	5,482.23	4,597.34	4,555.62	27.82	21.91	-174.31	-2,031.99	-6,208.89	7,681.29	7,636.10	45.18	170.006		
5,700.00	5,579.87	4,708.52	4,648.64	28.33	22.50	-174.25	-2,026.83	-6,222.43	7,714.24	7,668.07	46.16	167.102		
5,800.00	5,677.50	4,785.61	4,741.65	28.84	22.92	-174.20	-2,021.68	-6,235.97	7,747.20	7,700.21	46.98	164.894		
5,900.00	5,775.14	4,879.74	4,834.66	29.34	23.42	-174.14	-2,016.52	-6,249.51	7,780.16	7,732.28	47.88	162.481		
6,000.00	5,872.78	4,973.88	4,927.68	29.85	23.93	-174.08	-2,011.37	-6,263.04	7,813.14	7,764.35	48.78	160.156		
6,100.00	5,970.41	5,068.01	5,020.69	30.36	24.43	-174.03	-2,006.22	-6,276.58	7,846.11	7,796.43	49.69	157.915		
6,200.00	6,068.05	5,162.15	5,113.70	30.86	24.94	-173.97	-2,001.06	-6,290.12	7,879.10	7,828.51	50.59	155.752		
6,300.00	6,165.69	5,256.28	5,206.72	31.37	25.45	-173.92	-1,995.91	-6,303.66	7,912.09	7,860.60	51.49	153.664		
6,400.00	6,263.33	5,350.42	5,299.73	31.88	25.95	-173.87	-1,990.76	-6,317.19	7,945.09	7,892.70	52.39	151.648		
6,500.00	6,360.96	5,444.55	5,392.74	32.38	26.46	-173.81	-1,985.60	-6,330.73	7,978.10	7,924.80	53.29	149.699		
6,600.00	6,458.60	5,538.69	5,485.76	32.89	26.97	-173.76	-1,980.45	-6,344.27	8,011.11	7,956.91	54.20	147.815		
6,628.42	6,486.35	5,565.44	5,512.19	33.04	27.11	-173.75	-1,978.98	-6,348.12	8,020.49	7,966.04	54.45	147.290		
6,650.00	6,507.49	5,585.87	5,532.38	33.14	27.22	-169.22	-1,977.86	-6,351.06	8,027.29	7,972.64	54.65	146.893		
6,700.00	6,556.88	5,634.03	5,579.96	33.37	27.48	-151.09	-1,975.23	-6,357.98	8,040.48	7,985.39	55.09	145.940		
6,750.00	6,606.60	5,674.60	5,615.41	33.58	31.77	-112.43	-1,947.97	-6,430.51	8,047.02	7,986.80	60.22	133.624		
6,800.00	6,656.35	5,680.00	6,540.78	33.76	31.86	-70.14	-1,949.16	-6,430.51	8,047.55	7,987.06	60.49	133.029		
6,850.00	6,705.83	6,600.00	6,540.78	33.94	31.86	-49.69	-1,949.16	-6,430.51	8,044.49	7,983.85	60.64	132.656		
6,900.00	6,754.72	6,600.00	6,540.78	34.12	31.86	-40.38	-1,949.16	-6,430.51	8,038.03	7,977.26	60.77	132.269		
6,950.00	6,802.72	6,600.00	6,540.78	34.31	31.86	-35.51	-1,949.16	-6,430.51	8,028.19	7,967.31	60.88	131.867		
7,000.00	6,849.54	6,600.00	6,540.78	34.50	31.86	-32.73	-1,949.16	-6,430.51	8,015.03	7,954.06	60.97	131.449		
7,050.00	6,894.89	6,640.84	6,581.45	34.71	31.98	-31.22	-1,952.85	-6,430.51	7,998.16	7,936.95	61.21	130.673		
7,100.00	6,938.49	6,650.68	6,591.21	34.93	32.01	-30.41	-1,954.06	-6,430.51	7,978.31	7,917.00	61.31	130.134		
7,150.00	6,980.07	6,660.00	6,600.45	35.17	32.04	-30.15	-1,955.33	-6,430.51	7,955.34	7,893.95	61.39	129.578		
7,200.00	7,019.38	6,700.00	6,639.88	35.43	32.16	-30.48	-1,962.03	-6,430.51	7,929.64	7,868.06	61.59	128.750		
7,250.00	7,056.17	6,700.00	6,639.88	35.71	32.16	-31.06	-1,962.03	-6,430.51	7,900.70	7,839.08	61.62	128.218		
7,300.00	7,090.21	6,700.00	6,639.88	36.03	32.16	-32.06	-1,962.03	-6,430.51	7,869.10	7,807.46	61.64	127.658		
7,350.00	7,121.30	6,700.00	6,639.88	36.37	32.16	-33.48	-1,962.03	-6,430.51	7,835.00	7,773.34	61.66	127.066		
7,400.00	7,149.25	6,700.00	6,639.88	36.75	32.16	-35.41	-1,962.03	-6,430.51	7,798.58	7,736.90	61.68	126.439		
7,450.00	7,173.87	6,700.00	6,639.88	37.17	32.16	-37.91	-1,962.03	-6,430.51	7,760.04	7,698.34	61.70	125.775		
7,500.00	7,195.03	6,700.00	6,639.88	37.62	32.16	-41.15	-1,962.03	-6,430.51	7,719.58	7,657.86	61.72	125.071		
7,550.00	7,212.58	6,700.00	6,639.88	38.11	32.16	-45.29	-1,962.03	-6,430.51	7,677.42	7,615.67	61.75	124.325		
7,600.00	7,226.43	6,700.00	6,639.88	38.64	32.16	-50.59	-1,962.03	-6,430.51	7,633.81	7,572.02	61.79	123.537		
7,650.00	7,236.48	6,700.00	6,639.88	39.20	32.16	-57.34	-1,962.03	-6,430.51	7,588.98	7,527.13	61.85	122.706		
7,700.00	7,242.68	6,700.00	6,639.88	39.79	32.16	-65.82	-1,962.03	-6,430.51	7,543.19	7,481.28	61.91	121.834		
7,753.32	7,245.00	6,700.00	6,639.88	40.44	32.16	-76.88	-1,962.03	-6,430.51	7,493.61	7,431.60	62.00	120.860		
7,800.00	7,245.08	6,700.00	6,639.88	41.04	32.16	-76.88	-1,962.03	-6,430.51	7,449.97	7,387.88	62.09	119.985		
7,900.00	7,245.26	6,700.00	6,639.88	42.43	32.16	-76.88	-1,962.03	-6,430.51	7,356.62	7,294.31	62.31	118.067		
8,000.00	7,245.43	6,700.00	6,639.88	43.97	32.16	-76.88	-1,962.03	-6,430.51	7,263.44	7,200.87	62.57	116.084		
8,100.00	7,245.61	6,700.00	6,639.88	45.64	32.16	-76.88	-1,962.03	-6,430.51	7,170.44	7,107.57	62.88	114.039		
8,200.00	7,245.79	6,700.00	6,639.88	47.42	32.16	-76.88	-1,962.03	-6,430.51	7,077.64	7,014.41	63.23	111.931		
8,300.00	7,245.97	6,700.00	6,639.88	49.30	32.16	-76.88	-1,962.03	-6,430.51	6,985.04	6,921.40	63.64	109.765		
8,400.00	7,246.14	6,700.00	6,639.88	51.28	32.16	-76.88	-1,962.03	-6,430.51	6,892.64	6,828.55	64.09	107.542		
8,500.00	7,246.32	6,700.00	6,639.88	53.34	32.16	-76.88	-1,962.03	-6,430.51	6,800.46	6,735.85	64.60	105.267		
8,600.00	7,246.50	6,700.00	6,639.88	55.46	32.16	-76.88	-1,962.03	-6,430.51	6,708.50	6,643.33	65.17	102.942		
8,700.00	7,246.67	6,700.00	6,639.88	57.66	32.16	-76.88	-1,962.03	-6,430.51	6,616.77	6,550.98	65.79	100.573		
8,800.00	7,246.85	6,700.00	6,639.88	59.90	32.16	-76.88	-1,962.03	-6,430.51	6,525.29	6,458.82	66.47	98.164		
8,900.00	7,247.03	6,700.00	6,639.88	62.20	32.16	-76.88	-1,962.03	-6,430.51	6,434.06	6,366.85	67.22	95.720		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	6,700.00	6,639.88	64.55	32.16	-76.88	-1,962.03	-6,430.51	6,343.10	6,275.07	68.02	93.248		
9,100.00	7,247.38	6,700.00	6,639.88	66.93	32.16	-76.88	-1,962.03	-6,430.51	6,252.41	6,183.51	68.89	90.753		
9,200.00	7,247.56	6,700.00	6,639.88	69.35	32.16	-76.88	-1,962.03	-6,430.51	6,162.01	6,092.18	69.83	88.241		
9,300.00	7,247.74	6,700.00	6,639.88	71.80	32.16	-76.88	-1,962.03	-6,430.51	6,071.91	6,001.07	70.84	85.717		
9,400.00	7,247.91	6,700.00	6,639.88	74.29	32.16	-76.88	-1,962.03	-6,430.51	5,982.13	5,910.22	71.91	83.189		
9,500.00	7,248.09	6,700.00	6,639.88	76.79	32.16	-76.88	-1,962.03	-6,430.51	5,892.67	5,819.62	73.05	80.661		
9,600.00	7,248.27	6,700.00	6,639.88	79.33	32.16	-76.88	-1,962.03	-6,430.51	5,803.56	5,729.29	74.27	78.140		
9,700.00	7,248.45	6,700.00	6,639.88	81.88	32.16	-76.88	-1,962.03	-6,430.51	5,714.81	5,639.25	75.56	75.631		
9,800.00	7,248.62	6,700.00	6,639.88	84.45	32.16	-76.88	-1,962.03	-6,430.51	5,626.44	5,549.51	76.93	73.140		
9,900.00	7,248.80	6,700.00	6,639.88	87.04	32.16	-76.88	-1,962.03	-6,430.51	5,538.46	5,460.09	78.37	70.672		
10,000.00	7,248.98	6,700.00	6,639.88	89.65	32.16	-76.88	-1,962.03	-6,430.51	5,450.89	5,371.00	79.89	68.230		
10,100.00	7,249.15	6,700.00	6,639.88	92.28	32.16	-76.88	-1,962.03	-6,430.51	5,363.77	5,282.28	81.49	65.821		
10,200.00	7,249.33	6,700.00	6,639.88	94.91	32.16	-76.88	-1,962.03	-6,430.51	5,277.09	5,193.92	83.17	63.448		
10,300.00	7,249.51	6,700.00	6,639.88	97.56	32.16	-76.88	-1,962.03	-6,430.51	5,190.90	5,105.96	84.94	61.114		
10,400.00	7,249.69	6,700.00	6,639.88	100.22	32.16	-76.88	-1,962.03	-6,430.51	5,105.21	5,018.42	86.79	58.823		
10,500.00	7,249.86	6,700.00	6,639.88	102.89	32.16	-76.88	-1,962.03	-6,430.51	5,020.05	4,931.32	88.73	56.578		
10,600.00	7,250.04	6,700.00	6,639.88	105.57	32.16	-76.88	-1,962.03	-6,430.51	4,935.45	4,844.69	90.76	54.381		
10,700.00	7,250.22	6,700.00	6,639.88	108.27	32.16	-76.88	-1,962.03	-6,430.51	4,851.43	4,758.56	92.88	52.235		
10,800.00	7,250.39	6,700.00	6,639.88	110.96	32.16	-76.88	-1,962.03	-6,430.51	4,768.03	4,672.94	95.09	50.142		
10,900.00	7,250.57	6,700.00	6,639.88	113.67	32.16	-76.88	-1,962.03	-6,430.51	4,685.28	4,587.88	97.40	48.104		
11,000.00	7,250.75	6,700.00	6,639.88	116.39	32.16	-76.88	-1,962.03	-6,430.51	4,603.22	4,503.41	99.81	46.122		
11,100.00	7,250.93	6,700.00	6,639.88	119.11	32.16	-76.88	-1,962.03	-6,430.51	4,521.87	4,419.56	102.31	44.196		
11,200.00	7,251.10	6,700.00	6,639.88	121.83	32.16	-76.88	-1,962.03	-6,430.51	4,441.29	4,336.37	104.92	42.329		
11,300.00	7,251.28	6,700.00	6,639.88	124.57	32.16	-76.88	-1,962.03	-6,430.51	4,361.51	4,253.88	107.64	40.520		
11,400.00	7,251.46	6,700.00	6,639.88	127.31	32.16	-76.88	-1,962.03	-6,430.51	4,282.59	4,172.13	110.46	38.771		
11,500.00	7,251.63	6,700.00	6,639.88	130.05	32.16	-76.88	-1,962.03	-6,430.51	4,204.55	4,091.16	113.39	37.080		
11,600.00	7,251.81	6,700.00	6,639.88	132.80	32.16	-76.88	-1,962.03	-6,430.51	4,127.47	4,011.04	116.43	35.449		
11,700.00	7,251.99	6,700.00	6,639.88	135.55	32.16	-76.88	-1,962.03	-6,430.51	4,051.39	3,931.80	119.59	33.878		
11,800.00	7,252.17	6,700.00	6,639.88	138.31	32.16	-76.88	-1,962.03	-6,430.51	3,976.37	3,853.51	122.86	32.366		
11,900.00	7,252.34	6,700.00	6,639.88	141.07	32.16	-76.88	-1,962.03	-6,430.51	3,902.46	3,776.22	126.24	30.912		
12,000.00	7,252.52	6,700.00	6,639.88	143.84	32.16	-76.88	-1,962.03	-6,430.51	3,829.75	3,700.00	129.75	29.517		
12,100.00	7,252.70	6,700.00	6,639.88	146.61	32.16	-76.88	-1,962.03	-6,430.51	3,758.28	3,624.92	133.37	28.180		
12,200.00	7,252.87	6,700.00	6,639.88	149.38	32.16	-76.88	-1,962.03	-6,430.51	3,688.15	3,551.04	137.11	26.900		
12,300.00	7,253.05	6,700.00	6,639.88	152.16	32.16	-76.88	-1,962.03	-6,430.51	3,619.42	3,478.45	140.96	25.677		
12,400.00	7,253.23	6,700.00	6,639.88	154.94	32.16	-76.88	-1,962.03	-6,430.51	3,552.17	3,407.24	144.93	24.509		
12,500.00	7,253.41	6,700.00	6,639.88	157.72	32.16	-76.88	-1,962.03	-6,430.51	3,486.49	3,337.48	149.02	23.397		
12,600.00	7,253.58	6,700.00	6,639.88	160.51	32.16	-76.88	-1,962.03	-6,430.51	3,422.48	3,269.27	153.21	22.338		
12,700.00	7,253.76	6,700.00	6,639.88	163.29	32.16	-76.88	-1,962.03	-6,430.51	3,360.22	3,202.71	157.51	21.333		
12,800.00	7,253.94	6,700.00	6,639.88	166.08	32.16	-76.88	-1,962.03	-6,430.51	3,299.82	3,137.91	161.91	20.380		
12,900.00	7,254.11	6,700.00	6,639.88	168.88	32.16	-76.88	-1,962.03	-6,430.51	3,241.39	3,074.98	166.40	19.479		
13,000.00	7,254.29	6,700.00	6,639.88	171.67	32.16	-76.88	-1,962.03	-6,430.51	3,185.01	3,014.03	170.98	18.628		
13,100.00	7,254.47	6,700.00	6,639.88	174.47	32.16	-76.88	-1,962.03	-6,430.51	3,130.82	2,955.19	175.63	17.826		
13,200.00	7,254.65	6,700.00	6,639.88	177.27	32.16	-76.88	-1,962.03	-6,430.51	3,078.93	2,898.58	180.34	17.073		
13,300.00	7,254.82	6,700.00	6,639.88	180.07	32.16	-76.88	-1,962.03	-6,430.51	3,029.44	2,844.34	185.10	16.367		
13,400.00	7,255.00	6,700.00	6,639.88	182.87	32.16	-76.88	-1,962.03	-6,430.51	2,982.49	2,792.60	189.89	15.707		
13,500.00	7,255.18	6,700.00	6,639.88	185.67	32.16	-76.88	-1,962.03	-6,430.51	2,938.20	2,743.51	194.69	15.092		
13,600.00	7,255.35	6,700.00	6,639.88	188.48	32.16	-76.88	-1,962.03	-6,430.51	2,896.68	2,697.20	199.48	14.521		
13,700.00	7,255.53	6,700.00	6,639.88	191.29	32.16	-76.88	-1,962.03	-6,430.51	2,858.05	2,653.81	204.24	13.994		
13,800.00	7,255.71	6,700.00	6,639.88	194.10	32.16	-76.88	-1,962.03	-6,430.51	2,822.45	2,613.50	208.94	13.508		
13,900.00	7,255.89	6,700.00	6,639.88	196.91	32.16	-76.88	-1,962.03	-6,430.51	2,789.97	2,576.41	213.56	13.064		
14,000.00	7,256.06	6,700.00	6,639.88	199.72	32.16	-76.88	-1,962.03	-6,430.51	2,760.74	2,542.66	218.08	12.659		
14,100.00	7,256.24	6,700.00	6,639.88	202.53	32.16	-76.88	-1,962.03	-6,430.51	2,734.85	2,512.39	222.46	12.294		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	6,700.00	6,639.88	205.35	32.16	-76.88	-1,962.03	-6,430.51	2,712.41	2,485.72	226.68	11.966		
14,300.00	7,256.59	6,700.00	6,639.88	208.16	32.16	-76.88	-1,962.03	-6,430.51	2,693.49	2,462.78	230.71	11.675		
14,400.00	7,256.77	6,700.00	6,639.88	210.98	32.16	-76.88	-1,962.03	-6,430.51	2,678.17	2,443.65	234.52	11.420		
14,500.00	7,256.95	6,700.00	6,639.88	213.80	32.16	-76.88	-1,962.03	-6,430.51	2,666.52	2,428.42	238.10	11.199		
14,600.00	7,257.13	6,700.00	6,639.88	216.62	32.16	-76.88	-1,962.03	-6,430.51	2,658.59	2,417.17	241.41	11.013		
14,700.00	7,257.30	6,700.00	6,639.88	219.44	32.16	-76.88	-1,962.03	-6,430.51	2,654.40	2,409.95	244.45	10.859		
14,761.32	7,257.41	6,700.00	6,639.88	221.17	32.16	-76.88	-1,962.03	-6,430.51	2,653.69	2,407.52	246.16	10.780	CC	
14,800.00	7,257.48	6,700.00	6,639.88	222.26	32.16	-76.88	-1,962.03	-6,430.51	2,653.97	2,406.78	247.19	10.737	ES	
14,900.00	7,257.66	6,700.00	6,639.88	225.08	32.16	-76.88	-1,962.03	-6,430.51	2,657.31	2,407.69	249.62	10.645		
15,000.00	7,257.83	6,700.00	6,639.88	227.91	32.16	-76.88	-1,962.03	-6,430.51	2,664.40	2,412.66	251.74	10.584		
15,100.00	7,258.01	6,700.00	6,639.88	230.73	32.16	-76.88	-1,962.03	-6,430.51	2,675.21	2,421.68	253.53	10.552		
15,200.00	7,258.19	6,700.00	6,639.88	233.56	32.16	-76.88	-1,962.03	-6,430.51	2,689.70	2,434.69	255.01	10.547	SF	
15,300.00	7,258.37	6,700.00	6,639.88	236.38	32.16	-76.88	-1,962.03	-6,430.51	2,707.81	2,451.63	256.18	10.570		
15,400.00	7,258.54	6,700.00	6,639.88	239.21	32.16	-76.88	-1,962.03	-6,430.51	2,729.46	2,472.43	257.04	10.619		
15,500.00	7,258.72	6,700.00	6,639.88	242.04	32.16	-76.88	-1,962.03	-6,430.51	2,754.58	2,496.98	257.60	10.693		
15,600.00	7,258.90	6,700.00	6,639.88	244.87	32.16	-76.88	-1,962.03	-6,430.51	2,783.06	2,525.18	257.89	10.792		
15,700.00	7,259.08	6,700.00	6,639.88	247.70	32.16	-76.88	-1,962.03	-6,430.51	2,814.81	2,556.91	257.90	10.914		
15,800.00	7,259.25	6,700.00	6,639.88	250.53	32.16	-76.88	-1,962.03	-6,430.51	2,849.72	2,592.05	257.68	11.059		
15,900.00	7,259.43	6,700.00	6,639.88	253.36	32.16	-76.88	-1,962.03	-6,430.51	2,887.67	2,630.45	257.22	11.226		
16,000.00	7,259.61	6,700.00	6,639.88	256.19	32.16	-76.88	-1,962.03	-6,430.51	2,928.55	2,671.99	256.56	11.415		
16,100.00	7,259.78	6,700.00	6,639.88	259.02	32.16	-76.88	-1,962.03	-6,430.51	2,972.22	2,716.52	255.70	11.624		
16,200.00	7,259.96	6,700.00	6,639.88	261.85	32.16	-76.88	-1,962.03	-6,430.51	3,018.58	2,763.90	254.68	11.852		
16,300.00	7,260.14	6,700.00	6,639.88	264.68	32.16	-76.88	-1,962.03	-6,430.51	3,067.51	2,814.00	253.51	12.100		
16,400.00	7,260.32	6,700.00	6,639.88	267.52	32.16	-76.88	-1,962.03	-6,430.51	3,118.87	2,866.66	252.21	12.366		
16,500.00	7,260.49	6,700.00	6,639.88	270.35	32.16	-76.88	-1,962.03	-6,430.51	3,172.55	2,921.75	250.79	12.650		
16,600.00	7,260.67	6,700.00	6,639.88	273.19	32.16	-76.88	-1,962.03	-6,430.51	3,228.44	2,979.15	249.28	12.951		
16,700.00	7,260.85	6,700.00	6,639.88	276.02	32.16	-76.88	-1,962.03	-6,430.51	3,286.42	3,038.73	247.69	13.268		
16,800.00	7,261.02	6,700.00	6,639.88	278.86	32.16	-76.88	-1,962.03	-6,430.51	3,346.38	3,100.35	246.03	13.601		
16,900.00	7,261.20	6,700.00	6,639.88	281.69	32.16	-76.88	-1,962.03	-6,430.51	3,408.23	3,163.90	244.32	13.950		
17,000.00	7,261.38	6,700.00	6,639.88	284.53	32.16	-76.88	-1,962.03	-6,430.51	3,471.85	3,229.28	242.57	14.313		
17,100.00	7,261.56	6,700.00	6,639.88	287.37	32.16	-76.88	-1,962.03	-6,430.51	3,537.16	3,296.37	240.78	14.690		
17,200.00	7,261.73	6,700.00	6,639.88	290.21	32.16	-76.88	-1,962.03	-6,430.51	3,604.05	3,365.08	238.98	15.081		
17,300.00	7,261.91	6,700.00	6,639.88	293.04	32.16	-76.88	-1,962.03	-6,430.51	3,672.46	3,435.30	237.15	15.485		
17,400.00	7,262.09	6,700.00	6,639.88	295.88	32.16	-76.88	-1,962.03	-6,430.51	3,742.28	3,506.95	235.33	15.902		
17,500.00	7,262.26	6,700.00	6,639.88	298.72	32.16	-76.88	-1,962.03	-6,430.51	3,813.45	3,579.95	233.50	16.332		
17,600.00	7,262.44	6,700.00	6,639.88	301.56	32.16	-76.88	-1,962.03	-6,430.51	3,885.89	3,654.21	231.68	16.772		
17,700.00	7,262.62	6,700.00	6,639.88	304.40	32.16	-76.88	-1,962.03	-6,430.51	3,959.53	3,729.66	229.87	17.225		
17,800.00	7,262.80	6,700.00	6,639.88	307.24	32.16	-76.88	-1,962.03	-6,430.51	4,034.31	3,806.22	228.08	17.688		
17,900.00	7,262.97	6,700.00	6,639.88	310.08	32.16	-76.88	-1,962.03	-6,430.51	4,110.15	3,883.85	226.31	18.162		
18,000.00	7,263.15	6,700.00	6,639.88	312.92	32.16	-76.88	-1,962.03	-6,430.51	4,187.01	3,962.46	224.55	18.646		
18,100.00	7,263.33	6,700.00	6,639.88	315.76	32.16	-76.88	-1,962.03	-6,430.51	4,264.84	4,042.01	222.83	19.140		
18,200.00	7,263.50	6,700.00	6,639.88	318.61	32.16	-76.88	-1,962.03	-6,430.51	4,343.57	4,122.44	221.12	19.643		
18,300.00	7,263.68	6,700.00	6,639.88	321.45	32.16	-76.88	-1,962.03	-6,430.51	4,423.16	4,203.71	219.45	20.156		
18,400.00	7,263.86	6,700.00	6,639.88	324.29	32.16	-76.88	-1,962.03	-6,430.51	4,503.56	4,285.75	217.80	20.677		
18,500.00	7,264.04	6,700.00	6,639.88	327.13	32.16	-76.88	-1,962.03	-6,430.51	4,584.73	4,368.54	216.19	21.207		
18,600.00	7,264.21	6,700.00	6,639.88	329.97	32.16	-76.88	-1,962.03	-6,430.51	4,666.64	4,452.03	214.61	21.745		
18,700.00	7,264.39	6,700.00	6,639.88	332.82	32.16	-76.88	-1,962.03	-6,430.51	4,749.24	4,536.18	213.05	22.291		
18,800.00	7,264.57	6,700.00	6,639.88	335.66	32.16	-76.88	-1,962.03	-6,430.51	4,832.49	4,620.96	211.53	22.845		
18,900.00	7,264.74	6,700.00	6,639.88	338.51	32.16	-76.88	-1,962.03	-6,430.51	4,916.37	4,706.33	210.05	23.406		
19,000.00	7,264.92	6,700.00	6,639.88	341.35	32.16	-76.88	-1,962.03	-6,430.51	5,000.84	4,792.25	208.59	23.974		
19,044.52	7,265.00	6,700.00	6,639.88	342.62	32.16	-76.88	-1,962.03	-6,430.51	5,038.64	4,830.68	207.95	24.230		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	-111.68	-2,227.82	-5,602.77	6,029.44					
100.00	100.00	85.00	85.00	3.28	3.29	-111.68	-2,227.82	-5,602.77	6,029.44	6,022.87	6.57	917.723		
200.00	200.00	185.00	185.00	3.34	3.31	-111.68	-2,227.82	-5,602.77	6,029.44	6,022.80	6.64	907.766		
300.00	299.98	284.98	284.98	3.44	3.34	-177.24	-2,227.82	-5,602.77	6,031.19	6,024.40	6.78	889.159		
400.00	399.84	384.84	384.84	3.60	3.39	-177.24	-2,227.82	-5,602.77	6,036.41	6,029.42	6.99	863.546		
500.00	499.45	484.45	484.45	3.81	3.45	-177.24	-2,227.82	-5,602.77	6,045.12	6,037.86	7.26	832.917		
600.00	598.70	583.70	583.70	4.06	3.52	-177.23	-2,227.82	-5,602.77	6,057.29	6,049.71	7.58	799.299		
700.00	697.47	682.47	682.47	4.34	3.61	-177.22	-2,227.82	-5,602.77	6,072.91	6,064.97	7.94	764.387		
800.00	795.62	780.62	780.62	4.66	3.70	-177.21	-2,227.82	-5,602.77	6,091.97	6,083.62	8.35	729.468		
824.00	819.08	804.08	804.08	4.75	3.72	-177.21	-2,227.82	-5,602.77	6,097.06	6,088.60	8.46	720.800		
900.00	893.28	878.28	878.28	5.02	3.80	-177.22	-2,227.82	-5,602.77	6,113.46	6,104.67	8.79	695.593		
1,000.00	990.92	1,617.45	1,616.77	5.40	5.03	-177.26	-2,220.31	-5,592.62	6,156.29	6,145.91	10.38	593.286		
1,100.00	1,088.56	1,716.79	1,715.53	5.80	5.37	-177.24	-2,213.95	-5,584.03	6,167.60	6,156.51	11.08	556.599		
1,200.00	1,186.19	1,816.14	1,814.30	6.21	5.74	-177.23	-2,207.58	-5,575.44	6,178.90	6,167.09	11.81	523.076		
1,300.00	1,283.83	1,915.48	1,913.07	6.64	6.12	-177.21	-2,201.22	-5,566.84	6,190.21	6,177.64	12.57	492.433		
1,400.00	1,381.47	2,014.83	2,011.84	7.08	6.52	-177.20	-2,194.86	-5,558.25	6,201.51	6,188.16	13.35	464.565		
1,500.00	1,479.10	2,114.17	2,110.60	7.53	6.92	-177.18	-2,188.50	-5,549.66	6,212.82	6,198.67	14.14	439.234		
1,600.00	1,576.74	2,213.51	2,209.37	7.99	7.34	-177.16	-2,182.13	-5,541.06	6,224.12	6,209.17	14.95	416.198		
1,700.00	1,674.38	2,312.86	2,308.14	8.45	7.77	-177.15	-2,175.77	-5,532.47	6,235.43	6,219.66	15.78	395.223		
1,800.00	1,772.02	2,412.20	2,406.91	8.92	8.20	-177.13	-2,169.41	-5,523.87	6,246.74	6,230.13	16.61	376.090		
1,900.00	1,869.65	2,511.55	2,505.67	9.39	8.64	-177.12	-2,163.04	-5,515.28	6,258.05	6,240.60	17.45	358.600		
2,000.00	1,967.29	2,610.89	2,604.44	9.87	9.08	-177.10	-2,156.68	-5,506.69	6,269.36	6,251.06	18.30	342.575		
2,100.00	2,064.93	2,710.24	2,703.21	10.35	9.52	-177.09	-2,150.32	-5,498.09	6,280.67	6,261.51	19.16	327.858		
2,200.00	2,162.56	2,809.58	2,801.97	10.83	9.97	-177.07	-2,143.96	-5,489.50	6,291.98	6,271.96	20.02	314.308		
2,300.00	2,260.20	2,908.93	2,900.74	11.32	10.43	-177.06	-2,137.59	-5,480.90	6,303.29	6,282.40	20.89	301.804		
2,400.00	2,357.84	3,008.27	2,999.51	11.80	10.88	-177.04	-2,131.23	-5,472.31	6,314.60	6,292.84	21.76	290.236		
2,500.00	2,455.48	3,107.61	3,098.28	12.29	11.34	-177.03	-2,124.87	-5,463.72	6,325.91	6,303.27	22.63	279.510		
2,600.00	2,553.11	3,206.96	3,197.04	12.78	11.80	-177.01	-2,118.51	-5,455.12	6,337.22	6,313.71	23.51	269.542		
2,700.00	2,650.75	3,306.30	3,295.81	13.27	12.26	-177.00	-2,112.14	-5,446.53	6,348.53	6,324.14	24.39	260.259		
2,800.00	2,748.39	3,405.65	3,394.58	13.77	12.73	-176.98	-2,105.78	-5,437.94	6,359.84	6,334.56	25.28	251.596		
2,900.00	2,846.02	3,504.99	3,493.35	14.26	13.19	-176.97	-2,099.42	-5,429.34	6,371.15	6,344.99	26.17	243.496		
3,000.00	2,943.66	3,604.34	3,592.11	14.76	13.66	-176.95	-2,093.05	-5,420.75	6,382.47	6,355.41	27.06	235.907		
3,100.00	3,041.30	3,703.68	3,690.88	15.25	14.13	-176.94	-2,086.69	-5,412.15	6,393.78	6,365.83	27.95	228.784		
3,200.00	3,138.94	3,803.03	3,789.65	15.75	14.60	-176.92	-2,080.33	-5,403.56	6,405.09	6,376.25	28.84	222.088		
3,300.00	3,236.57	3,902.37	3,888.41	16.25	15.07	-176.91	-2,073.97	-5,394.97	6,416.41	6,386.67	29.74	215.781		
3,400.00	3,334.21	4,001.71	3,987.18	16.75	15.54	-176.89	-2,067.60	-5,386.37	6,427.72	6,397.09	30.63	209.833		
3,500.00	3,431.85	4,101.06	4,085.95	17.25	16.01	-176.88	-2,061.24	-5,377.78	6,439.04	6,407.51	31.53	204.214		
3,600.00	3,529.48	4,200.40	4,184.72	17.75	16.49	-176.86	-2,054.88	-5,369.19	6,450.35	6,417.92	32.43	198.898		
3,700.00	3,627.12	4,300.25	4,283.48	18.25	16.96	-176.85	-2,048.51	-5,360.59	6,461.67	6,428.34	33.33	193.849		
3,800.00	3,724.76	4,399.09	4,382.25	18.75	17.43	-176.83	-2,042.15	-5,352.00	6,472.99	6,438.75	34.23	189.085		
3,900.00	3,822.40	4,501.56	4,481.02	19.25	17.92	-176.82	-2,035.79	-5,343.40	6,484.30	6,449.15	35.15	184.475		
4,000.00	3,920.03	4,602.22	4,579.79	19.75	18.40	-176.81	-2,029.43	-5,334.81	6,495.62	6,459.56	36.06	180.135		
4,100.00	4,017.67	4,702.87	4,678.55	20.25	18.89	-176.79	-2,023.06	-5,326.22	6,506.94	6,469.97	36.97	176.004		
4,200.00	4,115.31	4,803.53	4,777.32	20.76	19.37	-176.78	-2,016.70	-5,317.62	6,518.25	6,480.37	37.88	172.069		
4,300.00	4,212.94	4,904.19	4,876.09	21.26	19.85	-176.76	-2,010.34	-5,309.03	6,529.57	6,490.78	38.79	168.314		
4,400.00	4,310.58	5,004.84	4,974.86	21.76	20.34	-176.75	-2,003.97	-5,300.43	6,540.89	6,501.18	39.71	164.730		
4,500.00	4,408.22	5,105.50	5,073.62	22.27	20.82	-176.73	-1,997.61	-5,291.84	6,552.21	6,511.59	40.62	161.303		
4,600.00	4,505.86	5,193.85	5,172.39	22.77	21.24	-176.72	-1,991.25	-5,283.25	6,563.53	6,522.05	41.48	158.234		
4,700.00	4,603.49	5,306.81	5,271.16	23.28	21.79	-176.71	-1,984.89	-5,274.65	6,574.85	6,532.40	42.45	154.887		
4,800.00	4,701.13	5,407.46	5,369.92	23.78	22.27	-176.69	-1,978.52	-5,266.06	6,586.17	6,542.81	43.36	151.879		
4,900.00	4,798.77	5,508.12	5,468.69	24.28	22.76	-176.68	-1,972.16	-5,257.47	6,597.49	6,553.21	44.28	148.993		
5,000.00	4,896.40	5,608.77	5,567.46	24.79	23.24	-176.66	-1,965.80	-5,248.87	6,608.81	6,563.61	45.20	146.223		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,994.04	5,690.57	5,666.23	25.30	23.64	-176.65	-1,959.44	-5,240.28	6,620.13	6,574.10	46.03	143.823		
5,200.00	5,091.68	5,716.15	5,691.66	25.80	23.76	-176.65	-1,957.80	-5,238.07	6,631.87	6,585.27	46.59	142.345		
5,300.00	5,189.32	5,769.64	5,744.89	26.31	24.01	-176.64	-1,954.67	-5,233.84	6,644.34	6,597.06	47.28	140.536		
5,400.00	5,286.95	5,800.00	5,775.14	26.81	24.16	-176.64	-1,953.15	-5,231.79	6,657.95	6,610.10	47.85	139.140		
5,500.00	5,384.59	5,800.00	5,775.14	27.32	24.16	-176.64	-1,953.15	-5,231.79	6,672.82	6,624.56	48.27	138.253		
5,600.00	5,482.23	5,861.13	5,836.13	27.82	24.43	-176.64	-1,950.68	-5,228.46	6,688.24	6,639.27	48.98	136.562		
5,700.00	5,579.87	5,900.00	5,874.95	28.33	24.60	-176.64	-1,949.52	-5,226.88	6,704.92	6,655.35	49.57	135.258		
5,800.00	5,677.50	5,900.00	5,874.95	28.84	24.60	-176.64	-1,949.52	-5,226.88	6,722.68	6,672.71	49.96	134.558		
5,900.00	5,775.14	5,951.71	5,926.63	29.34	24.82	-176.64	-1,948.45	-5,225.44	6,741.22	6,690.61	50.61	133.204		
6,000.00	5,872.78	6,000.00	5,974.91	29.85	25.02	-176.64	-1,947.96	-5,224.78	6,760.95	6,709.72	51.23	131.962		
6,100.00	5,970.41	6,011.51	5,986.42	30.36	25.07	-176.64	-1,947.91	-5,224.72	6,781.51	6,729.85	51.66	131.274		
6,200.00	6,068.05	6,078.14	6,053.05	30.86	25.33	-176.65	-1,947.89	-5,224.69	6,802.98	6,750.61	52.37	129.906		
6,300.00	6,165.69	6,175.78	6,150.69	31.37	25.72	-176.66	-1,947.89	-5,224.69	6,824.56	6,771.32	53.24	128.183		
6,400.00	6,263.33	6,273.42	6,248.33	31.88	26.11	-176.67	-1,947.89	-5,224.69	6,846.13	6,792.02	54.11	126.516		
6,500.00	6,360.96	6,371.05	6,345.96	32.38	26.50	-176.68	-1,947.89	-5,224.69	6,867.71	6,812.72	54.98	124.902		
6,600.00	6,458.60	6,400.00	6,374.90	32.89	26.61	-176.69	-1,948.76	-5,224.69	6,889.94	6,834.46	55.48	124.184		
6,628.42	6,486.35	6,400.00	6,374.90	33.04	26.61	-176.69	-1,948.76	-5,224.69	6,896.40	6,840.82	55.58	124.083		
6,650.00	6,507.49	6,400.00	6,374.90	33.14	26.61	-172.22	-1,948.76	-5,224.69	6,901.05	6,845.40	55.65	124.008		
6,700.00	6,556.88	6,400.00	6,374.90	33.37	26.61	-154.22	-1,948.76	-5,224.69	6,909.51	6,853.71	55.81	123.814		
6,750.00	6,606.60	6,400.00	6,374.90	33.58	26.61	-115.44	-1,948.76	-5,224.69	6,914.70	6,858.76	55.94	123.600		
6,800.00	6,656.35	6,400.00	6,374.90	33.76	26.61	-73.08	-1,948.76	-5,224.69	6,916.59	6,860.53	56.06	123.372		
6,850.00	6,705.83	6,445.32	6,420.07	33.94	26.76	-52.66	-1,952.26	-5,224.69	6,914.54	6,858.15	56.39	122.609		
6,900.00	6,754.72	6,456.43	6,431.11	34.12	26.79	-43.36	-1,953.53	-5,224.69	6,909.48	6,852.95	56.53	122.217		
6,950.00	6,802.72	6,500.00	6,474.19	34.31	26.94	-38.60	-1,960.05	-5,224.69	6,901.41	6,844.59	56.83	121.448		
7,000.00	6,849.54	6,500.00	6,474.19	34.50	26.94	-35.84	-1,960.05	-5,224.69	6,889.53	6,832.65	56.88	121.131		
7,050.00	6,894.89	6,500.00	6,474.19	34.71	26.94	-34.26	-1,960.05	-5,224.69	6,874.48	6,817.57	56.91	120.793		
7,100.00	6,938.49	6,500.00	6,474.19	34.93	26.94	-33.44	-1,960.05	-5,224.69	6,856.34	6,799.41	56.93	120.430		
7,150.00	6,980.07	6,500.00	6,474.19	35.17	26.94	-33.17	-1,960.05	-5,224.69	6,835.19	6,778.25	56.94	120.041		
7,200.00	7,019.38	6,500.00	6,474.19	35.43	26.94	-33.35	-1,960.05	-5,224.69	6,811.14	6,754.20	56.94	119.622		
7,250.00	7,056.17	6,500.00	6,474.19	35.71	26.94	-33.94	-1,960.05	-5,224.69	6,784.31	6,727.38	56.93	119.168		
7,300.00	7,090.21	6,500.00	6,474.19	36.03	26.94	-34.92	-1,960.05	-5,224.69	6,754.83	6,697.91	56.92	118.675		
7,350.00	7,121.30	6,537.28	6,510.70	36.37	27.04	-36.59	-1,967.56	-5,224.69	6,722.38	6,665.27	57.11	117.716		
7,400.00	7,149.25	6,543.24	6,516.50	36.75	27.06	-38.53	-1,968.93	-5,224.69	6,687.89	6,630.76	57.13	117.061		
7,450.00	7,173.87	6,548.47	6,521.58	37.17	27.08	-41.00	-1,970.16	-5,224.69	6,651.24	6,594.08	57.16	116.361		
7,500.00	7,195.03	6,552.94	6,525.91	37.62	27.09	-44.11	-1,971.25	-5,224.69	6,612.62	6,555.43	57.20	115.614		
7,550.00	7,212.58	6,556.63	6,529.49	38.11	27.10	-47.99	-1,972.16	-5,224.69	6,572.25	6,515.01	57.24	114.819		
7,600.00	7,226.43	6,559.54	6,532.31	38.64	27.11	-52.79	-1,972.89	-5,224.69	6,530.35	6,473.06	57.30	113.975		
7,650.00	7,236.48	6,561.64	6,534.34	39.20	27.11	-58.68	-1,973.43	-5,224.69	6,487.17	6,429.80	57.37	113.082		
7,700.00	7,242.68	6,562.94	6,535.59	39.79	27.12	-65.80	-1,973.76	-5,224.69	6,442.93	6,385.48	57.45	112.143		
7,753.32	7,245.00	6,600.00	6,571.15	40.44	27.23	-75.60	-1,984.19	-5,224.70	6,395.37	6,337.59	57.78	110.692		
7,800.00	7,245.08	6,600.00	6,571.15	41.04	27.23	-75.60	-1,984.19	-5,224.70	6,353.05	6,295.16	57.89	109.745		
7,900.00	7,245.26	6,600.00	6,571.15	42.43	27.23	-75.60	-1,984.19	-5,224.70	6,262.60	6,204.43	58.17	107.659		
8,000.00	7,245.43	6,600.00	6,571.15	43.97	27.23	-75.60	-1,984.19	-5,224.70	6,172.45	6,113.93	58.51	105.488		
8,100.00	7,245.61	6,600.00	6,571.15	45.64	27.23	-75.60	-1,984.19	-5,224.70	6,082.60	6,023.68	58.92	103.235		
8,200.00	7,245.79	6,600.00	6,571.15	47.42	27.23	-75.60	-1,984.19	-5,224.70	5,993.07	5,933.68	59.39	100.904		
8,300.00	7,245.97	6,600.00	6,571.15	49.30	27.23	-75.60	-1,984.19	-5,224.70	5,903.89	5,843.95	59.94	98.501		
8,400.00	7,246.14	6,600.00	6,571.15	51.28	27.23	-75.60	-1,984.19	-5,224.70	5,815.05	5,754.50	60.55	96.031		
8,500.00	7,246.32	6,600.00	6,571.15	53.34	27.23	-75.60	-1,984.19	-5,224.70	5,726.58	5,665.33	61.25	93.502		
8,600.00	7,246.50	6,600.00	6,571.15	55.46	27.23	-75.60	-1,984.19	-5,224.70	5,638.50	5,576.48	62.01	90.922		
8,700.00	7,246.67	6,600.00	6,571.15	57.66	27.23	-75.60	-1,984.19	-5,224.70	5,550.82	5,487.95	62.86	88.299		
8,800.00	7,246.85	6,600.00	6,571.15	59.90	27.23	-75.60	-1,984.19	-5,224.70	5,463.56	5,399.77	63.80	85.642		
8,900.00	7,247.03	6,600.00	6,571.15	62.20	27.23	-75.60	-1,984.19	-5,224.70	5,376.75	5,311.94	64.81	82.960		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	6,600.00	6,571.15	64.55	27.23	-75.60	-1,984.19	-5,224.70	5,290.40	5,224.49	65.91	80.264		
9,100.00	7,247.38	6,600.00	6,571.15	66.93	27.23	-75.60	-1,984.19	-5,224.70	5,204.54	5,137.44	67.10	77.562		
9,200.00	7,247.56	6,600.00	6,571.15	69.35	27.23	-75.60	-1,984.19	-5,224.70	5,119.20	5,050.82	68.38	74.863		
9,300.00	7,247.74	6,600.00	6,571.15	71.80	27.23	-75.60	-1,984.19	-5,224.70	5,034.39	4,964.64	69.75	72.177		
9,400.00	7,247.91	6,600.00	6,571.15	74.29	27.23	-75.60	-1,984.19	-5,224.70	4,950.16	4,878.94	71.21	69.512		
9,500.00	7,248.09	6,600.00	6,571.15	76.79	27.23	-75.60	-1,984.19	-5,224.70	4,866.52	4,793.75	72.77	66.875		
9,600.00	7,248.27	6,600.00	6,571.15	79.33	27.23	-75.60	-1,984.19	-5,224.70	4,783.50	4,709.08	74.42	64.275		
9,700.00	7,248.45	6,600.00	6,571.15	81.88	27.23	-75.60	-1,984.19	-5,224.70	4,701.15	4,624.98	76.17	61.716		
9,800.00	7,248.62	6,600.00	6,571.15	84.45	27.23	-75.60	-1,984.19	-5,224.70	4,619.50	4,541.47	78.02	59.207		
9,900.00	7,248.80	6,600.00	6,571.15	87.04	27.23	-75.60	-1,984.19	-5,224.70	4,538.58	4,458.60	79.97	56.751		
10,000.00	7,248.98	6,600.00	6,571.15	89.65	27.23	-75.60	-1,984.19	-5,224.70	4,458.43	4,376.40	82.03	54.354		
10,100.00	7,249.15	6,600.00	6,571.15	92.28	27.23	-75.60	-1,984.19	-5,224.70	4,379.10	4,294.92	84.18	52.019		
10,200.00	7,249.33	6,600.00	6,571.15	94.91	27.23	-75.60	-1,984.19	-5,224.70	4,300.63	4,214.19	86.44	49.750		
10,300.00	7,249.51	6,600.00	6,571.15	97.56	27.23	-75.60	-1,984.19	-5,224.70	4,223.08	4,134.26	88.81	47.549		
10,400.00	7,249.69	6,600.00	6,571.15	100.22	27.23	-75.60	-1,984.19	-5,224.70	4,146.48	4,055.19	91.29	45.420		
10,500.00	7,249.86	6,600.00	6,571.15	102.89	27.23	-75.60	-1,984.19	-5,224.70	4,070.90	3,977.02	93.88	43.362		
10,600.00	7,250.04	6,600.00	6,571.15	105.57	27.23	-75.60	-1,984.19	-5,224.70	3,996.39	3,899.81	96.58	41.379		
10,700.00	7,250.22	6,600.00	6,571.15	108.27	27.23	-75.60	-1,984.19	-5,224.70	3,923.02	3,823.63	99.39	39.470		
10,800.00	7,250.39	6,600.00	6,571.15	110.96	27.23	-75.60	-1,984.19	-5,224.70	3,850.84	3,748.53	102.32	37.636		
10,900.00	7,250.57	6,600.00	6,571.15	113.67	27.23	-75.60	-1,984.19	-5,224.70	3,779.94	3,674.58	105.36	35.877		
11,000.00	7,250.75	6,600.00	6,571.15	116.39	27.23	-75.60	-1,984.19	-5,224.70	3,710.37	3,601.86	108.51	34.193		
11,100.00	7,250.93	6,600.00	6,571.15	119.11	27.23	-75.60	-1,984.19	-5,224.70	3,642.22	3,530.44	111.78	32.584		
11,200.00	7,251.10	6,600.00	6,571.15	121.83	27.23	-75.60	-1,984.19	-5,224.70	3,575.57	3,460.41	115.16	31.048		
11,300.00	7,251.28	6,600.00	6,571.15	124.57	27.23	-75.60	-1,984.19	-5,224.70	3,510.50	3,391.85	118.65	29.586		
11,400.00	7,251.46	6,600.00	6,571.15	127.31	27.23	-75.60	-1,984.19	-5,224.70	3,447.11	3,324.85	122.26	28.196		
11,500.00	7,251.63	6,600.00	6,571.15	130.05	27.23	-75.60	-1,984.19	-5,224.70	3,385.48	3,259.52	125.96	26.876		
11,600.00	7,251.81	6,600.00	6,571.15	132.80	27.23	-75.60	-1,984.19	-5,224.70	3,325.72	3,195.94	129.77	25.627		
11,700.00	7,251.99	6,600.00	6,571.15	135.55	27.23	-75.60	-1,984.19	-5,224.70	3,267.92	3,134.24	133.68	24.446		
11,800.00	7,252.17	6,600.00	6,571.15	138.31	27.23	-75.60	-1,984.19	-5,224.70	3,212.20	3,074.53	137.68	23.332		
11,900.00	7,252.34	6,600.00	6,571.15	141.07	27.23	-75.60	-1,984.19	-5,224.70	3,158.67	3,016.91	141.75	22.283		
12,000.00	7,252.52	6,600.00	6,571.15	143.84	27.23	-75.60	-1,984.19	-5,224.70	3,107.43	2,961.52	145.90	21.298		
12,100.00	7,252.70	6,600.00	6,571.15	146.61	27.23	-75.60	-1,984.19	-5,224.70	3,058.60	2,908.49	150.11	20.375		
12,200.00	7,252.87	6,600.00	6,571.15	149.38	27.23	-75.60	-1,984.19	-5,224.70	3,012.30	2,857.93	154.37	19.513		
12,300.00	7,253.05	6,600.00	6,571.15	152.16	27.23	-75.60	-1,984.19	-5,224.70	2,968.65	2,809.99	158.66	18.711		
12,400.00	7,253.23	6,600.00	6,571.15	154.94	27.23	-75.60	-1,984.19	-5,224.70	2,927.76	2,764.80	162.97	17.965		
12,500.00	7,253.41	6,600.00	6,571.15	157.72	27.23	-75.60	-1,984.19	-5,224.70	2,889.76	2,722.49	167.27	17.276		
12,600.00	7,253.58	6,600.00	6,571.15	160.51	27.23	-75.60	-1,984.19	-5,224.70	2,854.76	2,683.20	171.56	16.640		
12,700.00	7,253.76	6,600.00	6,571.15	163.29	27.23	-75.60	-1,984.19	-5,224.70	2,822.87	2,647.07	175.80	16.057		
12,800.00	7,253.94	6,600.00	6,571.15	166.08	27.23	-75.60	-1,984.19	-5,224.70	2,794.19	2,614.22	179.97	15.526		
12,900.00	7,254.11	6,600.00	6,571.15	168.88	27.23	-75.60	-1,984.19	-5,224.70	2,768.83	2,584.77	184.06	15.043		
13,000.00	7,254.29	6,600.00	6,571.15	171.67	27.23	-75.60	-1,984.19	-5,224.70	2,746.88	2,558.84	188.04	14.608		
13,100.00	7,254.47	6,600.00	6,571.15	174.47	27.23	-75.60	-1,984.19	-5,224.70	2,728.42	2,536.54	191.88	14.219		
13,200.00	7,254.65	6,600.00	6,571.15	177.27	27.23	-75.60	-1,984.19	-5,224.70	2,713.52	2,517.95	195.57	13.875		
13,300.00	7,254.82	6,600.00	6,571.15	180.07	27.23	-75.60	-1,984.19	-5,224.70	2,702.25	2,503.17	199.08	13.574		
13,400.00	7,255.00	6,600.00	6,571.15	182.87	27.23	-75.60	-1,984.19	-5,224.70	2,694.63	2,492.25	202.39	13.314		
13,500.00	7,255.18	6,600.00	6,571.15	185.67	27.23	-75.60	-1,984.19	-5,224.70	2,690.72	2,485.24	205.48	13.095		
13,555.37	7,255.28	6,600.00	6,571.15	187.23	27.23	-75.60	-1,984.19	-5,224.70	2,690.15	2,483.06	207.09	12.990 CC		
13,600.00	7,255.35	6,600.00	6,571.15	188.48	27.23	-75.60	-1,984.19	-5,224.70	2,690.52	2,482.18	208.34	12.914 ES		
13,700.00	7,255.53	6,600.00	6,571.15	191.29	27.23	-75.60	-1,984.19	-5,224.70	2,694.04	2,483.08	210.95	12.771		
13,800.00	7,255.71	6,600.00	6,571.15	194.10	27.23	-75.60	-1,984.19	-5,224.70	2,701.25	2,487.93	213.32	12.663		
13,900.00	7,255.89	6,600.00	6,571.15	196.91	27.23	-75.60	-1,984.19	-5,224.70	2,712.14	2,496.72	215.42	12.590		
14,000.00	7,256.06	6,600.00	6,571.15	199.72	27.23	-75.60	-1,984.19	-5,224.70	2,726.65	2,509.39	217.26	12.550		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	6,600.00	6,571.15	202.53	27.23	-75.60	-1,984.19	-5,224.70	2,744.73	2,525.89	218.83	12.543 SF		
14,200.00	7,256.42	6,600.00	6,571.15	205.35	27.23	-75.60	-1,984.19	-5,224.70	2,766.31	2,546.16	220.15	12.566		
14,300.00	7,256.59	6,600.00	6,571.15	208.16	27.23	-75.60	-1,984.19	-5,224.70	2,791.30	2,570.09	221.22	12.618		
14,400.00	7,256.77	6,600.00	6,571.15	210.98	27.23	-75.60	-1,984.19	-5,224.70	2,819.63	2,597.59	222.04	12.699		
14,500.00	7,256.95	6,600.00	6,571.15	213.80	27.23	-75.60	-1,984.19	-5,224.70	2,851.18	2,628.56	222.62	12.807		
14,600.00	7,257.13	6,600.00	6,571.15	216.62	27.23	-75.60	-1,984.19	-5,224.70	2,885.85	2,662.86	222.99	12.942		
14,700.00	7,257.30	6,600.00	6,571.15	219.44	27.23	-75.60	-1,984.19	-5,224.70	2,923.54	2,700.39	223.15	13.101		
14,800.00	7,257.48	6,600.00	6,571.15	222.26	27.23	-75.60	-1,984.19	-5,224.70	2,964.12	2,741.00	223.12	13.285		
14,900.00	7,257.66	6,600.00	6,571.15	225.08	27.23	-75.60	-1,984.19	-5,224.70	3,007.48	2,784.57	222.91	13.492		
15,000.00	7,257.83	6,600.00	6,571.15	227.91	27.23	-75.60	-1,984.19	-5,224.70	3,053.50	2,830.95	222.55	13.721		
15,100.00	7,258.01	6,600.00	6,571.15	230.73	27.23	-75.60	-1,984.19	-5,224.70	3,102.06	2,880.03	222.03	13.971		
15,200.00	7,258.19	6,600.00	6,571.15	233.56	27.23	-75.60	-1,984.19	-5,224.70	3,153.05	2,931.66	221.39	14.242		
15,300.00	7,258.37	6,600.00	6,571.15	236.38	27.23	-75.60	-1,984.19	-5,224.70	3,206.34	2,985.71	220.63	14.533		
15,400.00	7,258.54	6,600.00	6,571.15	239.21	27.23	-75.60	-1,984.19	-5,224.70	3,261.83	3,042.07	219.77	14.842		
15,500.00	7,258.72	6,600.00	6,571.15	242.04	27.23	-75.60	-1,984.19	-5,224.70	3,319.41	3,100.59	218.82	15.170		
15,600.00	7,258.90	6,600.00	6,571.15	244.87	27.23	-75.60	-1,984.19	-5,224.70	3,378.97	3,161.18	217.79	15.515		
15,700.00	7,259.08	6,600.00	6,571.15	247.70	27.23	-75.60	-1,984.19	-5,224.70	3,440.40	3,223.70	216.70	15.877		
15,800.00	7,259.25	6,600.00	6,571.15	250.53	27.23	-75.60	-1,984.19	-5,224.70	3,503.61	3,288.06	215.55	16.254		
15,900.00	7,259.43	6,600.00	6,571.15	253.36	27.23	-75.60	-1,984.19	-5,224.70	3,568.50	3,354.14	214.36	16.647		
16,000.00	7,259.61	6,600.00	6,571.15	256.19	27.23	-75.60	-1,984.19	-5,224.70	3,634.98	3,421.85	213.13	17.055		
16,100.00	7,259.78	6,600.00	6,571.15	259.02	27.23	-75.60	-1,984.19	-5,224.70	3,702.98	3,491.10	211.88	17.477		
16,200.00	7,259.96	6,600.00	6,571.15	261.85	27.23	-75.60	-1,984.19	-5,224.70	3,772.39	3,561.80	210.60	17.913		
16,300.00	7,260.14	6,600.00	6,571.15	264.68	27.23	-75.60	-1,984.19	-5,224.70	3,843.16	3,633.85	209.31	18.361		
16,400.00	7,260.32	6,600.00	6,571.15	267.52	27.23	-75.60	-1,984.19	-5,224.70	3,915.20	3,707.20	208.00	18.823		
16,500.00	7,260.49	6,600.00	6,571.15	270.35	27.23	-75.60	-1,984.19	-5,224.70	3,988.45	3,781.75	206.70	19.296		
16,600.00	7,260.67	6,600.00	6,571.15	273.19	27.23	-75.60	-1,984.19	-5,224.70	4,062.84	3,857.45	205.39	19.781		
16,700.00	7,260.85	6,600.00	6,571.15	276.02	27.23	-75.60	-1,984.19	-5,224.70	4,138.31	3,934.22	204.09	20.277		
16,800.00	7,261.02	6,600.00	6,571.15	278.86	27.23	-75.60	-1,984.19	-5,224.70	4,214.80	4,012.01	202.79	20.784		
16,900.00	7,261.20	6,600.00	6,571.15	281.69	27.23	-75.60	-1,984.19	-5,224.70	4,292.25	4,090.75	201.50	21.301		
17,000.00	7,261.38	6,600.00	6,571.15	284.53	27.23	-75.60	-1,984.19	-5,224.70	4,370.62	4,170.40	200.22	21.829		
17,100.00	7,261.56	6,600.00	6,571.15	287.37	27.23	-75.60	-1,984.19	-5,224.70	4,449.86	4,250.90	198.96	22.365		
17,200.00	7,261.73	6,600.00	6,571.15	290.21	27.23	-75.60	-1,984.19	-5,224.70	4,529.92	4,332.21	197.72	22.911		
17,300.00	7,261.91	6,600.00	6,571.15	293.04	27.23	-75.60	-1,984.19	-5,224.70	4,610.76	4,414.28	196.49	23.466		
17,400.00	7,262.09	6,600.00	6,571.15	295.88	27.23	-75.60	-1,984.19	-5,224.70	4,692.34	4,497.07	195.27	24.029		
17,500.00	7,262.26	6,600.00	6,571.15	298.72	27.23	-75.60	-1,984.19	-5,224.70	4,774.62	4,580.54	194.08	24.601		
17,600.00	7,262.44	6,600.00	6,571.15	301.56	27.23	-75.60	-1,984.19	-5,224.70	4,857.56	4,664.65	192.91	25.180		
17,700.00	7,262.62	6,600.00	6,571.15	304.40	27.23	-75.60	-1,984.19	-5,224.70	4,941.14	4,749.38	191.76	25.767		
17,800.00	7,262.80	6,600.00	6,571.15	307.24	27.23	-75.60	-1,984.19	-5,224.70	5,025.31	4,834.68	190.63	26.362		
17,900.00	7,262.97	6,600.00	6,571.15	310.08	27.23	-75.60	-1,984.19	-5,224.70	5,110.06	4,920.54	189.52	26.963		
18,000.00	7,263.15	6,600.00	6,571.15	312.92	27.23	-75.60	-1,984.19	-5,224.70	5,195.35	5,006.91	188.43	27.572		
18,100.00	7,263.33	6,600.00	6,571.15	315.76	27.23	-75.60	-1,984.19	-5,224.70	5,281.15	5,093.78	187.37	28.186		
18,200.00	7,263.50	6,600.00	6,571.15	318.61	27.23	-75.60	-1,984.19	-5,224.70	5,367.44	5,181.12	186.32	28.807		
18,300.00	7,263.68	6,600.00	6,571.15	321.45	27.23	-75.60	-1,984.19	-5,224.70	5,454.21	5,268.91	185.30	29.435		
18,400.00	7,263.86	6,600.00	6,571.15	324.29	27.23	-75.60	-1,984.19	-5,224.70	5,541.42	5,357.12	184.30	30.068		
18,500.00	7,264.04	6,600.00	6,571.15	327.13	27.23	-75.60	-1,984.19	-5,224.70	5,629.05	5,445.74	183.32	30.707		
18,600.00	7,264.21	6,600.00	6,571.15	329.97	27.23	-75.60	-1,984.19	-5,224.70	5,717.09	5,534.74	182.36	31.351		
18,700.00	7,264.39	6,600.00	6,571.15	332.82	27.23	-75.60	-1,984.19	-5,224.70	5,805.52	5,624.10	181.42	32.000		
18,800.00	7,264.57	6,600.00	6,571.15	335.66	27.23	-75.60	-1,984.19	-5,224.70	5,894.32	5,713.82	180.50	32.655		
18,900.00	7,264.74	6,600.00	6,571.15	338.51	27.23	-75.60	-1,984.19	-5,224.70	5,983.47	5,803.87	179.61	33.314		
19,000.00	7,264.92	6,600.00	6,571.15	341.35	27.23	-75.60	-1,984.19	-5,224.70	6,072.96	5,894.23	178.73	33.978		
19,044.52	7,265.00	6,600.00	6,571.15	342.62	27.23	-75.60	-1,984.19	-5,224.70	6,112.91	5,934.56	178.35	34.276		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	-111.58	-2,227.82	-5,633.36	6,057.88					
100.00	100.00	85.00	85.00	3.28	3.29	-111.58	-2,227.82	-5,633.36	6,057.88	6,051.31	6.57	922.051		
200.00	200.00	185.00	185.00	3.34	3.31	-111.58	-2,227.82	-5,633.36	6,057.88	6,051.24	6.64	912.047		
300.00	299.98	284.98	284.98	3.44	3.34	-177.14	-2,227.82	-5,633.36	6,059.62	6,052.84	6.78	893.351		
400.00	399.84	384.84	384.84	3.60	3.39	-177.13	-2,227.82	-5,633.36	6,064.85	6,057.86	6.99	867.614		
500.00	499.45	484.45	484.45	3.81	3.45	-177.13	-2,227.82	-5,633.36	6,073.55	6,066.30	7.26	836.835		
600.00	598.70	583.70	583.70	4.06	3.52	-177.12	-2,227.82	-5,633.36	6,085.73	6,078.15	7.58	803.052		
700.00	697.47	682.47	682.47	4.34	3.61	-177.11	-2,227.82	-5,633.36	6,101.35	6,093.40	7.94	767.967		
800.00	795.62	780.62	780.62	4.66	3.70	-177.10	-2,227.82	-5,633.36	6,120.41	6,112.05	8.35	732.874		
824.00	819.08	804.08	804.08	4.75	3.72	-177.10	-2,227.82	-5,633.36	6,125.49	6,117.03	8.46	724.164		
900.00	893.28	878.28	878.28	5.02	3.80	-177.11	-2,227.82	-5,633.36	6,141.89	6,133.10	8.79	698.830		
1,000.00	990.92	975.92	975.92	5.40	3.92	-177.12	-2,227.82	-5,633.36	6,163.47	6,154.23	9.25	666.512		
1,100.00	1,088.56	1,073.56	1,073.56	5.80	4.04	-177.13	-2,227.82	-5,633.36	6,185.06	6,175.33	9.73	635.577		
1,200.00	1,186.19	1,171.19	1,171.19	6.21	4.17	-177.14	-2,227.82	-5,633.36	6,206.64	6,196.41	10.24	606.288		
1,300.00	1,283.83	1,268.83	1,268.83	6.64	4.30	-177.15	-2,227.82	-5,633.36	6,228.23	6,217.47	10.76	578.758		
1,400.00	1,381.47	1,366.47	1,366.47	7.08	4.44	-177.16	-2,227.82	-5,633.36	6,249.81	6,238.51	11.30	553.006		
1,500.00	1,479.10	1,464.10	1,464.10	7.53	4.59	-177.17	-2,227.82	-5,633.36	6,271.40	6,259.54	11.86	528.991		
1,600.00	1,576.74	1,561.74	1,561.74	7.99	4.74	-177.18	-2,227.82	-5,633.36	6,292.98	6,280.56	12.42	506.632		
1,700.00	1,674.38	1,659.38	1,659.38	8.45	4.90	-177.19	-2,227.82	-5,633.36	6,314.57	6,301.57	13.00	485.833		
1,800.00	1,772.02	1,757.02	1,757.02	8.92	5.06	-177.20	-2,227.82	-5,633.36	6,336.15	6,322.57	13.58	466.487		
1,900.00	1,869.65	1,854.65	1,854.65	9.39	5.23	-177.21	-2,227.82	-5,633.36	6,357.74	6,343.56	14.18	448.485		
2,000.00	1,967.29	1,952.29	1,952.29	9.87	5.39	-177.22	-2,227.82	-5,633.36	6,379.32	6,364.54	14.78	431.721		
2,100.00	2,064.93	2,049.93	2,049.93	10.35	5.79	-177.22	-2,226.48	-5,633.61	6,400.76	6,385.14	15.62	409.822		
2,200.00	2,162.56	2,261.23	2,260.87	10.83	6.44	-177.14	-2,216.11	-5,635.53	6,421.18	6,404.47	16.71	384.192		
2,300.00	2,260.20	2,366.37	2,365.51	11.32	6.84	-177.06	-2,206.13	-5,637.38	6,440.94	6,423.38	17.56	366.735		
2,400.00	2,357.84	2,464.05	2,462.73	11.80	7.23	-176.98	-2,196.82	-5,639.11	6,460.70	6,442.31	18.39	351.227		
2,500.00	2,455.48	2,561.73	2,559.95	12.29	7.62	-176.91	-2,187.50	-5,640.84	6,480.47	6,461.23	19.24	336.876		
2,600.00	2,553.11	2,659.41	2,657.18	12.78	8.03	-176.84	-2,178.18	-5,642.57	6,500.25	6,480.16	20.09	323.583		
2,700.00	2,650.75	2,757.09	2,754.40	13.27	8.44	-176.76	-2,168.86	-5,644.30	6,520.04	6,499.10	20.95	311.256		
2,800.00	2,748.39	2,854.77	2,851.62	13.77	8.85	-176.69	-2,159.54	-5,646.02	6,539.85	6,518.03	21.81	299.807		
2,900.00	2,846.02	2,952.45	2,948.84	14.26	9.27	-176.62	-2,150.22	-5,647.75	6,559.66	6,536.97	22.69	289.157		
3,000.00	2,943.66	3,050.14	3,046.06	14.76	9.70	-176.55	-2,140.90	-5,649.48	6,579.48	6,555.92	23.56	279.235		
3,100.00	3,041.30	3,147.82	3,143.28	15.25	10.13	-176.48	-2,131.58	-5,651.21	6,599.31	6,574.87	24.44	269.974		
3,200.00	3,138.94	3,245.50	3,240.50	15.75	10.56	-176.41	-2,122.26	-5,652.94	6,619.15	6,593.82	25.33	261.317		
3,300.00	3,236.57	3,343.18	3,337.72	16.25	10.99	-176.33	-2,112.95	-5,654.67	6,639.00	6,612.78	26.22	253.211		
3,400.00	3,334.21	3,440.86	3,434.94	16.75	11.43	-176.26	-2,103.63	-5,656.39	6,658.86	6,631.75	27.11	245.608		
3,500.00	3,431.85	3,538.54	3,532.16	17.25	11.87	-176.20	-2,094.31	-5,658.12	6,678.73	6,650.73	28.01	238.465		
3,600.00	3,529.48	3,636.22	3,629.38	17.75	12.31	-176.13	-2,084.99	-5,659.85	6,698.61	6,669.71	28.91	231.745		
3,700.00	3,627.12	3,733.91	3,726.60	18.25	12.75	-176.06	-2,075.67	-5,661.58	6,718.50	6,688.70	29.81	225.412		
3,800.00	3,724.76	3,831.59	3,823.82	18.75	13.20	-175.99	-2,066.35	-5,663.31	6,738.40	6,707.69	30.71	219.436		
3,900.00	3,822.40	3,929.27	3,921.04	19.25	13.65	-175.92	-2,057.03	-5,665.04	6,758.31	6,726.70	31.61	213.788		
4,000.00	3,920.03	4,026.95	4,018.26	19.75	14.09	-175.85	-2,047.71	-5,666.77	6,778.23	6,745.71	32.52	208.443		
4,100.00	4,017.67	4,124.63	4,115.48	20.25	14.54	-175.79	-2,038.40	-5,668.49	6,798.15	6,764.73	33.43	203.379		
4,200.00	4,115.31	4,222.31	4,212.70	20.76	14.99	-175.72	-2,029.08	-5,670.22	6,818.09	6,783.75	34.34	198.575		
4,300.00	4,212.94	4,319.99	4,309.92	21.26	15.44	-175.65	-2,019.76	-5,671.95	6,838.03	6,802.79	35.25	194.011		
4,400.00	4,310.58	4,417.67	4,407.14	21.76	15.89	-175.59	-2,010.44	-5,673.68	6,857.98	6,821.83	36.16	189.671		
4,500.00	4,408.22	4,515.36	4,504.36	22.27	16.35	-175.52	-2,001.12	-5,675.41	6,877.95	6,840.88	37.07	185.539		
4,600.00	4,505.86	4,613.04	4,601.58	22.77	16.80	-175.46	-1,991.80	-5,677.14	6,897.92	6,859.93	37.98	181.601		
4,700.00	4,603.49	4,710.72	4,698.80	23.28	17.25	-175.39	-1,982.48	-5,678.86	6,917.90	6,879.00	38.90	177.843		
4,800.00	4,701.13	4,808.40	4,796.02	23.78	17.71	-175.33	-1,973.16	-5,680.59	6,937.88	6,898.07	39.81	174.254		
4,900.00	4,798.77	4,906.08	4,893.25	24.28	18.16	-175.26	-1,963.85	-5,682.32	6,957.88	6,917.15	40.73	170.824		
5,000.00	4,896.40	4,984.38	4,971.22	24.79	18.53	-175.21	-1,956.79	-5,683.63	6,977.98	6,936.43	41.54	167.966		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,054.60	5,041.27	25.30	18.84	-175.19	-1,952.12	-5,684.50	6,998.45	6,956.15	42.30	165.435		
5,200.00	5,091.68	5,124.83	5,111.43	25.80	19.15	-175.17	-1,949.14	-5,685.05	7,019.31	6,976.26	43.05	163.034		
5,300.00	5,189.32	5,200.00	5,186.59	26.31	19.46	-175.17	-1,947.83	-5,685.29	7,040.56	6,996.74	43.82	160.672		
5,400.00	5,286.95	5,285.36	5,271.95	26.81	19.82	-175.18	-1,947.80	-5,685.30	7,062.08	7,017.45	44.63	158.245		
5,500.00	5,384.59	5,383.00	5,369.59	27.32	20.23	-175.20	-1,947.80	-5,685.30	7,083.62	7,038.12	45.50	155.697		
5,600.00	5,482.23	5,480.64	5,467.23	27.82	20.63	-175.21	-1,947.80	-5,685.30	7,105.16	7,058.79	46.37	153.244		
5,700.00	5,579.87	5,578.28	5,564.87	28.33	21.04	-175.23	-1,947.80	-5,685.30	7,126.69	7,079.46	47.23	150.879		
5,800.00	5,677.50	5,675.91	5,662.50	28.84	21.45	-175.24	-1,947.80	-5,685.30	7,148.23	7,100.13	48.10	148.599		
5,900.00	5,775.14	5,773.55	5,760.14	29.34	21.85	-175.26	-1,947.80	-5,685.30	7,169.77	7,120.80	48.97	146.398		
6,000.00	5,872.78	5,871.19	5,857.78	29.85	22.26	-175.27	-1,947.80	-5,685.30	7,191.31	7,141.47	49.85	144.273		
6,100.00	5,970.41	5,968.82	5,955.41	30.36	22.67	-175.29	-1,947.80	-5,685.30	7,212.85	7,162.14	50.72	142.220		
6,200.00	6,068.05	6,066.46	6,053.05	30.86	23.07	-175.30	-1,947.80	-5,685.30	7,234.39	7,182.80	51.59	140.235		
6,300.00	6,165.69	6,164.10	6,150.69	31.37	23.48	-175.31	-1,947.80	-5,685.30	7,255.93	7,203.47	52.46	138.315		
6,400.00	6,263.33	6,261.74	6,248.33	31.88	23.89	-175.33	-1,947.80	-5,685.30	7,277.47	7,224.14	53.33	136.458		
6,500.00	6,360.96	6,359.37	6,345.96	32.38	24.30	-175.34	-1,947.80	-5,685.30	7,299.02	7,244.81	54.20	134.659		
6,600.00	6,458.60	6,457.01	6,443.60	32.89	24.71	-175.35	-1,947.80	-5,685.30	7,320.56	7,265.48	55.08	132.917		
6,628.42	6,486.35	6,484.76	6,471.35	33.04	24.82	-175.36	-1,947.80	-5,685.30	7,326.68	7,271.36	55.32	132.431		
6,650.00	6,507.49	6,505.90	6,492.49	33.14	24.91	-170.91	-1,947.80	-5,685.30	7,330.99	7,275.48	55.51	132.063		
6,700.00	6,556.88	6,555.29	6,541.88	33.37	25.12	-152.98	-1,947.80	-5,685.30	7,338.39	7,282.45	55.94	131.184		
6,750.00	6,606.60	6,605.01	6,591.60	33.58	25.33	-114.28	-1,947.80	-5,685.30	7,342.12	7,285.76	56.36	130.281		
6,800.00	6,656.35	6,654.38	6,625.96	33.76	25.04	-71.92	-1,948.59	-5,685.30	7,343.33	7,287.17	56.16	130.762		
6,850.00	6,705.83	6,551.83	6,538.39	33.94	25.09	-51.48	-1,949.20	-5,685.30	7,340.59	7,284.25	56.34	130.300		
6,900.00	6,754.72	6,563.10	6,549.63	34.12	25.13	-42.20	-1,949.96	-5,685.30	7,334.44	7,277.94	56.50	129.823		
6,950.00	6,802.72	6,600.00	6,586.35	34.31	25.27	-37.43	-1,953.62	-5,685.30	7,325.11	7,268.34	56.76	129.047		
7,000.00	6,849.54	6,600.00	6,586.35	34.50	25.27	-34.69	-1,953.62	-5,685.30	7,312.12	7,255.29	56.83	128.655		
7,050.00	6,894.89	6,600.00	6,586.35	34.71	25.27	-33.12	-1,953.62	-5,685.30	7,295.94	7,239.05	56.89	128.246		
7,100.00	6,938.49	6,600.00	6,586.35	34.93	25.27	-32.31	-1,953.62	-5,685.30	7,276.65	7,219.72	56.93	127.815		
7,150.00	6,980.07	6,600.00	6,586.35	35.17	25.27	-32.07	-1,953.62	-5,685.30	7,254.33	7,197.38	56.96	127.362		
7,200.00	7,019.38	6,600.00	6,586.35	35.43	25.27	-32.27	-1,953.62	-5,685.30	7,229.11	7,172.14	56.97	126.883		
7,250.00	7,056.17	6,600.00	6,586.35	35.71	25.27	-32.89	-1,953.62	-5,685.30	7,201.11	7,144.13	56.98	126.373		
7,300.00	7,090.21	6,638.66	6,624.58	36.03	25.39	-34.13	-1,959.36	-5,685.30	7,170.00	7,112.84	57.16	125.433		
7,350.00	7,121.30	6,645.49	6,631.30	36.37	25.41	-35.65	-1,960.57	-5,685.30	7,136.69	7,079.49	57.20	124.776		
7,400.00	7,149.25	6,651.59	6,637.29	36.75	25.43	-37.67	-1,961.71	-5,685.30	7,101.05	7,043.82	57.23	124.083		
7,450.00	7,173.87	6,656.95	6,642.55	37.17	25.45	-40.27	-1,962.74	-5,685.30	7,063.29	7,006.03	57.26	123.351		
7,500.00	7,195.03	6,661.53	6,647.04	37.62	25.46	-43.57	-1,963.66	-5,685.30	7,023.60	6,966.30	57.30	122.577		
7,550.00	7,212.58	6,700.00	6,684.50	38.11	25.58	-48.16	-1,972.40	-5,685.29	6,982.60	6,925.09	57.51	121.418		
7,600.00	7,226.43	6,700.00	6,684.50	38.64	25.58	-53.39	-1,972.40	-5,685.29	6,939.69	6,882.13	57.55	120.584		
7,650.00	7,236.48	6,700.00	6,684.50	39.20	25.58	-59.89	-1,972.40	-5,685.29	6,895.57	6,837.96	57.61	119.698		
7,700.00	7,242.68	6,700.00	6,684.50	39.79	25.58	-67.83	-1,972.40	-5,685.29	6,850.50	6,792.82	57.68	118.762		
7,753.32	7,245.00	6,700.00	6,684.50	40.44	25.58	-77.89	-1,972.40	-5,685.29	6,801.69	6,743.90	57.78	117.712		
7,800.00	7,245.08	6,700.00	6,684.50	41.04	25.58	-77.89	-1,972.40	-5,685.29	6,758.73	6,700.85	57.88	116.763		
7,900.00	7,245.26	6,700.00	6,684.50	42.43	25.58	-77.89	-1,972.40	-5,685.29	6,666.87	6,608.74	58.14	114.677		
8,000.00	7,245.43	6,700.00	6,684.50	43.97	25.58	-77.89	-1,972.40	-5,685.29	6,575.26	6,516.81	58.44	112.511		
8,100.00	7,245.61	6,700.00	6,684.50	45.64	25.58	-77.89	-1,972.40	-5,685.29	6,483.88	6,425.08	58.80	110.267		
8,200.00	7,245.79	6,700.00	6,684.50	47.42	25.58	-77.89	-1,972.40	-5,685.29	6,392.77	6,333.55	59.22	107.949		
8,300.00	7,245.97	6,700.00	6,684.50	49.30	25.58	-77.89	-1,972.40	-5,685.29	6,301.93	6,242.23	59.70	105.560		
8,400.00	7,246.14	6,700.00	6,684.50	51.28	25.58	-77.89	-1,972.40	-5,685.29	6,211.36	6,151.12	60.24	103.106		
8,500.00	7,246.32	6,700.00	6,684.50	53.34	25.58	-77.89	-1,972.40	-5,685.29	6,121.09	6,060.24	60.85	100.592		
8,600.00	7,246.50	6,700.00	6,684.50	55.46	25.58	-77.89	-1,972.40	-5,685.29	6,031.13	5,969.61	61.53	98.025		
8,700.00	7,246.67	6,700.00	6,684.50	57.66	25.58	-77.89	-1,972.40	-5,685.29	5,941.49	5,879.22	62.27	95.412		
8,800.00	7,246.85	6,700.00	6,684.50	59.90	25.58	-77.89	-1,972.40	-5,685.29	5,852.19	5,789.10	63.09	92.759		
8,900.00	7,247.03	6,700.00	6,684.50	62.20	25.58	-77.89	-1,972.40	-5,685.29	5,763.23	5,699.25	63.98	90.076		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	6,700.00	6,684.50	64.55	25.58	-77.89	-1,972.40	-5,685.29	5,674.65	5,609.70	64.95	87.370		
9,100.00	7,247.38	6,700.00	6,684.50	66.93	25.58	-77.89	-1,972.40	-5,685.29	5,586.45	5,520.45	65.99	84.650		
9,200.00	7,247.56	6,700.00	6,684.50	69.35	25.58	-77.89	-1,972.40	-5,685.29	5,498.65	5,431.53	67.12	81.924		
9,300.00	7,247.74	6,700.00	6,684.50	71.80	25.58	-77.89	-1,972.40	-5,685.29	5,411.28	5,342.95	68.32	79.200		
9,400.00	7,247.91	6,700.00	6,684.50	74.29	25.58	-77.89	-1,972.40	-5,685.29	5,324.35	5,254.74	69.61	76.486		
9,500.00	7,248.09	6,700.00	6,684.50	76.79	25.58	-77.89	-1,972.40	-5,685.29	5,237.88	5,166.90	70.98	73.790		
9,600.00	7,248.27	6,700.00	6,684.50	79.33	25.58	-77.89	-1,972.40	-5,685.29	5,151.91	5,079.47	72.44	71.118		
9,700.00	7,248.45	6,700.00	6,684.50	81.88	25.58	-77.89	-1,972.40	-5,685.29	5,066.45	4,992.47	73.99	68.478		
9,800.00	7,248.62	6,700.00	6,684.50	84.45	25.58	-77.89	-1,972.40	-5,685.29	4,981.54	4,905.92	75.62	65.875		
9,900.00	7,248.80	6,700.00	6,684.50	87.04	25.58	-77.89	-1,972.40	-5,685.29	4,897.19	4,819.84	77.35	63.315		
10,000.00	7,248.98	6,700.00	6,684.50	89.65	25.58	-77.89	-1,972.40	-5,685.29	4,813.44	4,734.28	79.17	60.803		
10,100.00	7,249.15	6,700.00	6,684.50	92.28	25.58	-77.89	-1,972.40	-5,685.29	4,730.33	4,649.25	81.08	58.343		
10,200.00	7,249.33	6,700.00	6,684.50	94.91	25.58	-77.89	-1,972.40	-5,685.29	4,647.88	4,564.79	83.09	55.940		
10,300.00	7,249.51	6,700.00	6,684.50	97.56	25.58	-77.89	-1,972.40	-5,685.29	4,566.13	4,480.94	85.19	53.597		
10,400.00	7,249.69	6,700.00	6,684.50	100.22	25.58	-77.89	-1,972.40	-5,685.29	4,485.12	4,397.72	87.40	51.316		
10,500.00	7,249.86	6,700.00	6,684.50	102.89	25.58	-77.89	-1,972.40	-5,685.29	4,404.89	4,315.18	89.71	49.101		
10,600.00	7,250.04	6,700.00	6,684.50	105.57	25.58	-77.89	-1,972.40	-5,685.29	4,325.49	4,233.36	92.12	46.953		
10,700.00	7,250.22	6,700.00	6,684.50	108.27	25.58	-77.89	-1,972.40	-5,685.29	4,246.95	4,152.31	94.64	44.873		
10,800.00	7,250.39	6,700.00	6,684.50	110.96	25.58	-77.89	-1,972.40	-5,685.29	4,169.34	4,072.07	97.27	42.863		
10,900.00	7,250.57	6,700.00	6,684.50	113.67	25.58	-77.89	-1,972.40	-5,685.29	4,092.69	3,992.68	100.01	40.924		
11,000.00	7,250.75	6,700.00	6,684.50	116.39	25.58	-77.89	-1,972.40	-5,685.29	4,017.07	3,914.22	102.85	39.056		
11,100.00	7,250.93	6,700.00	6,684.50	119.11	25.58	-77.89	-1,972.40	-5,685.29	3,942.54	3,836.73	105.81	37.259		
11,200.00	7,251.10	6,700.00	6,684.50	121.83	25.58	-77.89	-1,972.40	-5,685.29	3,869.16	3,760.27	108.89	35.533		
11,300.00	7,251.28	6,700.00	6,684.50	124.57	25.58	-77.89	-1,972.40	-5,685.29	3,797.00	3,684.92	112.08	33.878		
11,400.00	7,251.46	6,700.00	6,684.50	127.31	25.58	-77.89	-1,972.40	-5,685.29	3,726.12	3,610.73	115.38	32.294		
11,500.00	7,251.63	6,700.00	6,684.50	130.05	25.58	-77.89	-1,972.40	-5,685.29	3,656.60	3,537.80	118.80	30.779		
11,600.00	7,251.81	6,700.00	6,684.50	132.80	25.58	-77.89	-1,972.40	-5,685.29	3,588.52	3,466.18	122.34	29.333		
11,700.00	7,251.99	6,700.00	6,684.50	135.55	25.58	-77.89	-1,972.40	-5,685.29	3,521.96	3,395.98	125.98	27.956		
11,800.00	7,252.17	6,700.00	6,684.50	138.31	25.58	-77.89	-1,972.40	-5,685.29	3,457.02	3,327.28	129.74	26.645		
11,900.00	7,252.34	6,700.00	6,684.50	141.07	25.58	-77.89	-1,972.40	-5,685.29	3,393.78	3,260.17	133.61	25.401		
12,000.00	7,252.52	6,700.00	6,684.50	143.84	25.58	-77.89	-1,972.40	-5,685.29	3,332.34	3,194.76	137.58	24.221		
12,100.00	7,252.70	6,700.00	6,684.50	146.61	25.58	-77.89	-1,972.40	-5,685.29	3,272.81	3,131.16	141.65	23.104		
12,200.00	7,252.87	6,700.00	6,684.50	149.38	25.58	-77.89	-1,972.40	-5,685.29	3,215.28	3,069.46	145.82	22.050		
12,300.00	7,253.05	6,700.00	6,684.50	152.16	25.58	-77.89	-1,972.40	-5,685.29	3,159.88	3,009.81	150.07	21.056		
12,400.00	7,253.23	6,700.00	6,684.50	154.94	25.58	-77.89	-1,972.40	-5,685.29	3,106.70	2,952.30	154.39	20.122		
12,500.00	7,253.41	6,700.00	6,684.50	157.72	25.58	-77.89	-1,972.40	-5,685.29	3,055.87	2,897.09	158.78	19.246		
12,600.00	7,253.58	6,700.00	6,684.50	160.51	25.58	-77.89	-1,972.40	-5,685.29	3,007.51	2,844.29	163.22	18.426		
12,700.00	7,253.76	6,700.00	6,684.50	163.29	25.58	-77.89	-1,972.40	-5,685.29	2,961.73	2,794.04	167.70	17.661		
12,800.00	7,253.94	6,700.00	6,684.50	166.08	25.58	-77.89	-1,972.40	-5,685.29	2,918.67	2,746.48	172.19	16.950		
12,900.00	7,254.11	6,700.00	6,684.50	168.88	25.58	-77.89	-1,972.40	-5,685.29	2,878.44	2,701.75	176.68	16.291		
13,000.00	7,254.29	6,700.00	6,684.50	171.67	25.58	-77.89	-1,972.40	-5,685.29	2,841.15	2,660.00	181.16	15.683		
13,100.00	7,254.47	6,700.00	6,684.50	174.47	25.58	-77.89	-1,972.40	-5,685.29	2,806.94	2,621.35	185.59	15.125		
13,200.00	7,254.65	6,700.00	6,684.50	177.27	25.58	-77.89	-1,972.40	-5,685.29	2,775.91	2,585.96	189.95	14.614		
13,300.00	7,254.82	6,700.00	6,684.50	180.07	25.58	-77.89	-1,972.40	-5,685.29	2,748.17	2,553.94	194.23	14.149		
13,400.00	7,255.00	6,700.00	6,684.50	182.87	25.58	-77.89	-1,972.40	-5,685.29	2,723.82	2,525.44	198.39	13.730		
13,500.00	7,255.18	6,700.00	6,684.50	185.67	25.58	-77.89	-1,972.40	-5,685.29	2,702.96	2,500.55	202.41	13.354		
13,600.00	7,255.35	6,700.00	6,684.50	188.48	25.58	-77.89	-1,972.40	-5,685.29	2,685.65	2,479.40	206.26	13.021		
13,700.00	7,255.53	6,700.00	6,684.50	191.29	25.58	-77.89	-1,972.40	-5,685.29	2,671.98	2,462.06	209.92	12.728		
13,800.00	7,255.71	6,700.00	6,684.50	194.10	25.58	-77.89	-1,972.40	-5,685.29	2,662.00	2,448.63	213.38	12.476		
13,900.00	7,255.89	6,700.00	6,684.50	196.91	25.58	-77.89	-1,972.40	-5,685.29	2,655.75	2,439.16	216.60	12.261		
14,000.00	7,256.06	6,700.00	6,684.50	199.72	25.58	-77.89	-1,972.40	-5,685.29	2,653.26	2,433.69	219.57	12.084		
14,016.18	7,256.09	6,700.00	6,684.50	200.18	25.58	-77.89	-1,972.40	-5,685.29	2,653.21	2,433.18	220.03	12.058 CC		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	6,700.00	6,684.50	202.53	25.58	-77.89	-1,972.40	-5,685.29	2,654.53	2,432.25	222.28	11.942	ES	
14,200.00	7,256.42	6,700.00	6,684.50	205.35	25.58	-77.89	-1,972.40	-5,685.29	2,659.57	2,434.85	224.72	11.835		
14,300.00	7,256.59	6,700.00	6,684.50	208.16	25.58	-77.89	-1,972.40	-5,685.29	2,668.35	2,441.47	226.88	11.761		
14,400.00	7,256.77	6,700.00	6,684.50	210.98	25.58	-77.89	-1,972.40	-5,685.29	2,680.83	2,452.08	228.75	11.720		
14,500.00	7,256.95	6,700.00	6,684.50	213.80	25.58	-77.89	-1,972.40	-5,685.29	2,696.96	2,466.63	230.33	11.709	SF	
14,600.00	7,257.13	6,700.00	6,684.50	216.62	25.58	-77.89	-1,972.40	-5,685.29	2,716.68	2,485.05	231.64	11.728		
14,700.00	7,257.30	6,700.00	6,684.50	219.44	25.58	-77.89	-1,972.40	-5,685.29	2,739.92	2,507.25	232.67	11.776		
14,800.00	7,257.48	6,700.00	6,684.50	222.26	25.58	-77.89	-1,972.40	-5,685.29	2,766.57	2,533.14	233.43	11.852		
14,900.00	7,257.66	6,700.00	6,684.50	225.08	25.58	-77.89	-1,972.40	-5,685.29	2,796.54	2,562.60	233.94	11.954		
15,000.00	7,257.83	6,700.00	6,684.50	227.91	25.58	-77.89	-1,972.40	-5,685.29	2,829.74	2,595.53	234.21	12.082		
15,100.00	7,258.01	6,700.00	6,684.50	230.73	25.58	-77.89	-1,972.40	-5,685.29	2,866.04	2,631.79	234.25	12.235		
15,200.00	7,258.19	6,700.00	6,684.50	233.56	25.58	-77.89	-1,972.40	-5,685.29	2,905.33	2,671.24	234.09	12.411		
15,300.00	7,258.37	6,700.00	6,684.50	236.38	25.58	-77.89	-1,972.40	-5,685.29	2,947.49	2,713.76	233.73	12.610		
15,400.00	7,258.54	6,700.00	6,684.50	239.21	25.58	-77.89	-1,972.40	-5,685.29	2,992.40	2,759.20	233.20	12.832		
15,500.00	7,258.72	6,700.00	6,684.50	242.04	25.58	-77.89	-1,972.40	-5,685.29	3,039.94	2,807.42	232.52	13.074		
15,600.00	7,258.90	6,700.00	6,684.50	244.87	25.58	-77.89	-1,972.40	-5,685.29	3,089.99	2,858.29	231.69	13.337		
15,700.00	7,259.08	6,700.00	6,684.50	247.70	25.58	-77.89	-1,972.40	-5,685.29	3,142.42	2,911.68	230.74	13.619		
15,800.00	7,259.25	6,700.00	6,684.50	250.53	25.58	-77.89	-1,972.40	-5,685.29	3,197.11	2,967.43	229.68	13.920		
15,900.00	7,259.43	6,700.00	6,684.50	253.36	25.58	-77.89	-1,972.40	-5,685.29	3,253.97	3,025.44	228.53	14.239		
16,000.00	7,259.61	6,700.00	6,684.50	256.19	25.58	-77.89	-1,972.40	-5,685.29	3,312.86	3,085.57	227.30	14.575		
16,100.00	7,259.78	6,700.00	6,684.50	259.02	25.58	-77.89	-1,972.40	-5,685.29	3,373.70	3,147.70	226.00	14.928		
16,200.00	7,259.96	6,700.00	6,684.50	261.85	25.58	-77.89	-1,972.40	-5,685.29	3,436.36	3,211.72	224.64	15.297		
16,300.00	7,260.14	6,700.00	6,684.50	264.68	25.58	-77.89	-1,972.40	-5,685.29	3,500.76	3,277.52	223.24	15.681		
16,400.00	7,260.32	6,700.00	6,684.50	267.52	25.58	-77.89	-1,972.40	-5,685.29	3,566.81	3,345.00	221.81	16.081		
16,500.00	7,260.49	6,700.00	6,684.50	270.35	25.58	-77.89	-1,972.40	-5,685.29	3,634.40	3,414.06	220.35	16.494		
16,600.00	7,260.67	6,700.00	6,684.50	273.19	25.58	-77.89	-1,972.40	-5,685.29	3,703.46	3,484.60	218.86	16.921		
16,700.00	7,260.85	6,700.00	6,684.50	276.02	25.58	-77.89	-1,972.40	-5,685.29	3,773.91	3,556.54	217.37	17.362		
16,800.00	7,261.02	6,700.00	6,684.50	278.86	25.58	-77.89	-1,972.40	-5,685.29	3,845.67	3,629.80	215.87	17.815		
16,900.00	7,261.20	6,700.00	6,684.50	281.69	25.58	-77.89	-1,972.40	-5,685.29	3,918.66	3,704.30	214.37	18.280		
17,000.00	7,261.38	6,700.00	6,684.50	284.53	25.58	-77.89	-1,972.40	-5,685.29	3,992.83	3,779.96	212.87	18.757		
17,100.00	7,261.56	6,700.00	6,684.50	287.37	25.58	-77.89	-1,972.40	-5,685.29	4,068.10	3,856.72	211.38	19.245		
17,200.00	7,261.73	6,700.00	6,684.50	290.21	25.58	-77.89	-1,972.40	-5,685.29	4,144.42	3,934.52	209.90	19.745		
17,300.00	7,261.91	6,700.00	6,684.50	293.04	25.58	-77.89	-1,972.40	-5,685.29	4,221.73	4,013.29	208.44	20.254		
17,400.00	7,262.09	6,700.00	6,684.50	295.88	25.58	-77.89	-1,972.40	-5,685.29	4,299.97	4,092.98	206.99	20.774		
17,500.00	7,262.26	6,700.00	6,684.50	298.72	25.58	-77.89	-1,972.40	-5,685.29	4,379.10	4,173.54	205.56	21.304		
17,600.00	7,262.44	6,700.00	6,684.50	301.56	25.58	-77.89	-1,972.40	-5,685.29	4,459.07	4,254.92	204.15	21.843		
17,700.00	7,262.62	6,700.00	6,684.50	304.40	25.58	-77.89	-1,972.40	-5,685.29	4,539.83	4,337.07	202.76	22.390		
17,800.00	7,262.80	6,700.00	6,684.50	307.24	25.58	-77.89	-1,972.40	-5,685.29	4,621.34	4,419.95	201.39	22.947		
17,900.00	7,262.97	6,700.00	6,684.50	310.08	25.58	-77.89	-1,972.40	-5,685.29	4,703.57	4,503.52	200.05	23.512		
18,000.00	7,263.15	6,700.00	6,684.50	312.92	25.58	-77.89	-1,972.40	-5,685.29	4,786.47	4,587.74	198.73	24.085		
18,100.00	7,263.33	6,700.00	6,684.50	315.76	25.58	-77.89	-1,972.40	-5,685.29	4,870.02	4,672.58	197.44	24.666		
18,200.00	7,263.50	6,700.00	6,684.50	318.61	25.58	-77.89	-1,972.40	-5,685.29	4,954.18	4,758.01	196.17	25.254		
18,300.00	7,263.68	6,700.00	6,684.50	321.45	25.58	-77.89	-1,972.40	-5,685.29	5,038.91	4,843.98	194.93	25.850		
18,400.00	7,263.86	6,700.00	6,684.50	324.29	25.58	-77.89	-1,972.40	-5,685.29	5,124.20	4,930.48	193.71	26.453		
18,500.00	7,264.04	6,700.00	6,684.50	327.13	25.58	-77.89	-1,972.40	-5,685.29	5,210.01	5,017.48	192.52	27.062		
18,600.00	7,264.21	6,700.00	6,684.50	329.97	25.58	-77.89	-1,972.40	-5,685.29	5,296.31	5,104.96	191.35	27.678		
18,700.00	7,264.39	6,700.00	6,684.50	332.82	25.58	-77.89	-1,972.40	-5,685.29	5,383.09	5,192.88	190.21	28.300		
18,800.00	7,264.57	6,700.00	6,684.50	335.66	25.58	-77.89	-1,972.40	-5,685.29	5,470.32	5,281.22	189.10	28.928		
18,900.00	7,264.74	6,700.00	6,684.50	338.51	25.58	-77.89	-1,972.40	-5,685.29	5,557.99	5,369.98	188.01	29.562		
19,000.00	7,264.92	6,700.00	6,684.50	341.35	25.58	-77.89	-1,972.40	-5,685.29	5,646.06	5,459.11	186.94	30.202		
19,044.52	7,265.00	6,700.00	6,684.50	342.62	25.58	-77.89	-1,972.40	-5,685.29	5,685.40	5,498.92	186.48	30.489		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-11.81	1,328.63	-277.80	1,360.61					
100.00	100.00	6.00	6.00	3.28	3.28	-11.81	1,328.63	-277.80	1,357.36	1,350.79	6.57	206.714		
200.00	200.00	106.00	106.00	3.34	3.82	-11.81	1,328.63	-277.80	1,357.36	1,350.20	7.16	189.696		
300.00	299.98	205.98	205.98	3.44	6.36	-77.45	1,328.63	-277.80	1,356.98	1,347.18	9.80	138.463		
400.00	399.84	305.84	305.84	3.60	9.51	-77.69	1,328.63	-277.80	1,355.85	1,342.74	13.11	103.384		
500.00	499.45	405.45	405.45	3.81	12.84	-78.08	1,328.63	-277.80	1,354.01	1,337.38	16.64	81.377		
600.00	598.70	504.70	504.70	4.06	16.21	-78.63	1,328.63	-277.80	1,351.54	1,331.28	20.26	66.712		
700.00	697.47	603.47	603.47	4.34	19.60	-79.34	1,328.63	-277.80	1,348.51	1,324.58	23.93	56.344		
800.00	795.62	701.62	701.62	4.66	22.98	-80.19	1,328.63	-277.80	1,345.06	1,317.42	27.64	48.660		
824.00	819.08	725.08	725.08	4.75	23.79	-80.41	1,328.63	-277.80	1,344.18	1,315.65	28.53	47.107		
900.00	893.28	800.72	799.28	5.02	26.41	-81.09	1,328.63	-277.80	1,341.48	1,310.06	31.43	42.688		
1,000.00	990.92	903.08	896.92	5.40	29.96	-81.98	1,328.63	-277.80	1,338.22	1,302.87	35.36	37.850		
1,100.00	1,088.56	1,005.44	994.56	5.80	33.52	-82.88	1,328.63	-277.80	1,335.31	1,296.00	39.31	33.968		
1,200.00	1,186.19	1,107.81	1,092.19	6.21	37.07	-83.78	1,328.63	-277.80	1,332.74	1,289.46	43.29	30.790		
1,300.00	1,283.83	1,189.83	1,189.83	6.64	39.93	-84.68	1,328.63	-277.80	1,330.52	1,283.95	46.57	28.571		
1,400.00	1,381.47	1,287.47	1,287.47	7.08	43.32	-85.59	1,328.63	-277.80	1,328.64	1,278.23	50.41	26.359		
1,500.00	1,479.10	1,385.10	1,385.10	7.53	46.72	-86.50	1,328.63	-277.80	1,327.11	1,272.86	54.25	24.461		
1,600.00	1,576.74	1,482.74	1,482.74	7.99	50.12	-87.41	1,328.63	-277.80	1,325.94	1,267.83	58.11	22.817		
1,700.00	1,674.38	1,580.38	1,580.38	8.45	53.53	-88.32	1,328.63	-277.80	1,325.11	1,263.14	61.97	21.382		
1,800.00	1,772.02	1,678.02	1,678.02	8.92	56.93	-89.23	1,328.63	-277.80	1,324.64	1,258.80	65.84	20.118		
1,884.18	1,854.21	1,760.21	1,760.21	9.32	59.79	-90.00	1,328.63	-277.80	1,324.51	1,255.41	69.10	19.167		
1,900.00	1,869.65	1,775.65	1,775.65	9.39	60.33	-90.14	1,328.63	-277.80	1,324.52	1,254.80	69.72	18.999		
2,000.00	1,967.29	1,873.29	1,873.29	9.87	63.74	-91.06	1,328.63	-277.80	1,324.75	1,251.16	73.59	18.001		
2,100.00	2,064.93	1,970.93	1,970.93	10.35	67.14	-91.97	1,328.63	-277.80	1,325.33	1,247.86	77.47	17.107		
2,200.00	2,162.56	2,068.56	2,068.56	10.83	70.54	-92.88	1,328.63	-277.80	1,326.27	1,244.92	81.36	16.302		
2,300.00	2,260.20	2,166.20	2,166.20	11.32	73.95	-93.79	1,328.63	-277.80	1,327.56	1,242.32	85.24	15.574		
2,400.00	2,357.84	2,263.84	2,263.84	11.80	77.35	-94.70	1,328.63	-277.80	1,329.20	1,240.07	89.13	14.914		
2,500.00	2,455.48	2,361.48	2,361.48	12.29	80.76	-95.60	1,328.63	-277.80	1,331.18	1,238.17	93.01	14.312		
2,600.00	2,553.11	2,459.11	2,459.11	12.78	84.17	-96.51	1,328.63	-277.80	1,333.52	1,236.61	96.90	13.761		
2,700.00	2,650.75	2,556.75	2,556.75	13.27	87.57	-97.40	1,328.63	-277.80	1,336.20	1,235.40	100.79	13.257		
2,800.00	2,748.39	2,654.39	2,654.39	13.77	90.98	-98.30	1,328.63	-277.80	1,339.22	1,234.53	104.68	12.793		
2,900.00	2,846.02	2,752.02	2,752.02	14.26	94.38	-99.19	1,328.63	-277.80	1,342.58	1,234.01	108.57	12.366		
3,000.00	2,943.66	2,849.66	2,849.66	14.76	97.79	-100.08	1,328.63	-277.80	1,346.28	1,233.82	112.46	11.971		
3,100.00	3,041.30	2,947.30	2,947.30	15.25	101.20	-100.96	1,328.63	-277.80	1,350.32	1,233.97	116.36	11.605		
3,200.00	3,138.94	3,044.94	3,044.94	15.75	104.60	-101.84	1,328.63	-277.80	1,354.69	1,234.45	120.25	11.266		
3,300.00	3,236.57	3,142.57	3,142.57	16.25	108.01	-102.71	1,328.63	-277.80	1,359.39	1,235.26	124.14	10.951		
3,400.00	3,334.21	3,240.21	3,240.21	16.75	111.42	-103.58	1,328.63	-277.80	1,364.42	1,236.39	128.03	10.657		
3,500.00	3,431.85	3,337.85	3,337.85	17.25	114.83	-104.43	1,328.63	-277.80	1,369.77	1,237.85	131.92	10.384		
3,600.00	3,529.48	3,435.48	3,435.48	17.75	118.23	-105.29	1,328.63	-277.80	1,375.43	1,239.63	135.81	10.128		
3,700.00	3,627.12	3,533.12	3,533.12	18.25	121.64	-106.13	1,328.63	-277.80	1,381.42	1,241.72	139.69	9.889		
3,800.00	3,724.76	3,630.76	3,630.76	18.75	125.05	-106.97	1,328.63	-277.80	1,387.71	1,244.13	143.58	9.665		
3,900.00	3,822.40	3,728.40	3,728.40	19.25	128.45	-107.80	1,328.63	-277.80	1,394.31	1,246.84	147.47	9.455		
4,000.00	3,920.03	3,826.03	3,826.03	19.75	131.86	-108.63	1,328.63	-277.80	1,401.21	1,249.85	151.36	9.258		
4,100.00	4,017.67	3,923.67	3,923.67	20.25	135.27	-109.44	1,328.63	-277.80	1,408.41	1,253.17	155.24	9.072		
4,200.00	4,115.31	4,021.31	4,021.31	20.76	138.68	-110.25	1,328.63	-277.80	1,415.90	1,256.78	159.13	8.898		
4,300.00	4,212.94	4,118.94	4,118.94	21.26	142.09	-111.05	1,328.63	-277.80	1,423.68	1,260.67	163.01	8.734		
4,400.00	4,310.58	4,216.58	4,216.58	21.76	145.49	-111.84	1,328.63	-277.80	1,431.75	1,264.85	166.90	8.579		
4,500.00	4,408.22	4,314.22	4,314.22	22.27	148.90	-112.62	1,328.63	-277.80	1,440.09	1,269.32	170.78	8.432		
4,600.00	4,505.86	4,411.86	4,411.86	22.77	152.31	-113.39	1,328.63	-277.80	1,448.71	1,274.05	174.66	8.294		
4,700.00	4,603.49	4,509.49	4,509.49	23.28	155.72	-114.16	1,328.63	-277.80	1,457.60	1,279.06	178.54	8.164		
4,800.00	4,701.13	4,607.13	4,607.13	23.78	159.12	-114.91	1,328.63	-277.80	1,466.75	1,284.33	182.42	8.040		
4,900.00	4,798.77	4,704.77	4,704.77	24.28	162.53	-115.66	1,328.63	-277.80	1,476.17	1,289.86	186.30	7.923		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,000.00	4,896.40	4,802.40	4,802.40	24.79	165.94	-116.40	1,328.63	-277.80	1,485.83	1,295.65	190.18	7.813		
5,100.00	4,994.04	4,900.04	4,900.04	25.30	169.35	-117.12	1,328.63	-277.80	1,495.75	1,301.69	194.06	7.708		
5,200.00	5,091.68	5,002.32	4,997.68	25.80	172.92	-117.84	1,328.63	-277.80	1,505.91	1,307.81	198.10	7.602		
5,300.00	5,189.32	5,104.68	5,095.32	26.31	176.49	-118.55	1,328.63	-277.80	1,516.31	1,314.17	202.14	7.501		
5,400.00	5,286.95	5,207.05	5,192.95	26.81	180.06	-119.25	1,328.63	-277.80	1,526.95	1,320.77	206.18	7.406		
5,500.00	5,384.59	5,309.41	5,290.59	27.32	183.64	-119.94	1,328.63	-277.80	1,537.82	1,327.59	210.22	7.315		
5,600.00	5,482.23	5,388.23	5,388.23	27.82	186.39	-120.62	1,328.63	-277.80	1,548.91	1,335.47	213.44	7.257		
5,700.00	5,579.87	5,485.87	5,485.87	28.33	189.79	-121.29	1,328.63	-277.80	1,560.22	1,342.91	217.32	7.180		
5,800.00	5,677.50	5,583.50	5,583.50	28.84	193.20	-121.96	1,328.63	-277.80	1,571.75	1,350.56	221.19	7.106		
5,900.00	5,775.14	5,681.14	5,681.14	29.34	196.61	-122.61	1,328.63	-277.80	1,583.49	1,358.43	225.06	7.036		
6,000.00	5,872.78	5,778.78	5,778.78	29.85	200.02	-123.25	1,328.63	-277.80	1,595.43	1,366.50	228.93	6.969		
6,100.00	5,970.41	5,876.41	5,876.41	30.36	203.43	-123.88	1,328.63	-277.80	1,607.58	1,374.77	232.81	6.905		
6,200.00	6,068.05	5,974.05	5,974.05	30.86	206.84	-124.51	1,328.63	-277.80	1,619.93	1,383.25	236.68	6.844		
6,300.00	6,165.69	6,071.69	6,071.69	31.37	210.24	-125.12	1,328.63	-277.80	1,632.46	1,391.91	240.55	6.786		
6,400.00	6,263.33	6,169.33	6,169.33	31.88	213.65	-125.73	1,328.63	-277.80	1,645.19	1,400.77	244.42	6.731		
6,500.00	6,360.96	6,266.96	6,266.96	32.38	217.06	-126.33	1,328.63	-277.80	1,658.10	1,409.81	248.29	6.678		
6,600.00	6,458.60	6,364.60	6,364.60	32.89	220.47	-126.91	1,328.63	-277.80	1,671.19	1,419.03	252.16	6.628		
6,628.42	6,486.35	6,407.65	6,392.35	33.04	221.97	-127.08	1,328.63	-277.80	1,674.94	1,421.15	253.79	6.600		
6,650.00	6,507.49	6,413.49	6,413.49	33.14	222.17	-122.99	1,328.63	-277.80	1,677.48	1,423.38	254.09	6.602		
6,700.00	6,556.88	6,462.88	6,462.88	33.37	223.90	-105.65	1,328.63	-277.80	1,680.90	1,424.87	256.03	6.565		
6,750.00	6,606.60	6,512.60	6,512.60	33.58	225.63	-67.21	1,328.63	-277.80	1,680.86	1,422.89	257.97	6.516		
6,800.00	6,656.35	6,562.35	6,562.35	33.76	227.37	-24.88	1,328.63	-277.80	1,677.34	1,417.45	259.88	6.454		
6,850.00	6,705.83	6,611.83	6,611.83	33.94	229.10	-4.10	1,328.63	-277.80	1,670.35	1,408.57	261.78	6.381		
6,900.00	6,754.72	6,660.72	6,660.72	34.12	230.80	5.85	1,328.63	-277.80	1,659.93	1,396.30	263.64	6.296		
6,950.00	6,802.72	6,708.72	6,708.72	34.31	232.48	11.69	1,328.63	-277.80	1,646.15	1,380.69	265.46	6.201		
7,000.00	6,849.54	6,755.54	6,755.54	34.50	234.11	15.80	1,328.63	-277.80	1,629.09	1,361.86	267.23	6.096		
7,050.00	6,894.89	6,800.89	6,800.89	34.71	235.70	19.15	1,328.63	-277.80	1,608.89	1,339.93	268.95	5.982		
7,100.00	6,938.49	6,844.49	6,844.49	34.93	237.22	22.19	1,328.63	-277.80	1,585.67	1,315.06	270.61	5.860		
7,150.00	6,980.07	6,886.07	6,886.07	35.17	238.67	25.21	1,328.63	-277.80	1,559.61	1,287.42	272.19	5.730		
7,200.00	7,019.38	6,925.38	6,925.38	35.43	240.04	28.38	1,328.63	-277.80	1,530.90	1,257.21	273.69	5.593		
7,250.00	7,056.17	6,962.17	6,962.17	35.71	241.33	31.85	1,328.63	-277.80	1,499.77	1,224.65	275.12	5.451		
7,300.00	7,090.21	7,003.79	6,996.21	36.03	242.78	35.72	1,328.63	-277.80	1,466.45	1,189.73	276.72	5.299		
7,350.00	7,121.30	7,027.30	7,027.30	36.37	243.60	40.12	1,328.63	-277.80	1,431.21	1,153.51	277.70	5.154		
7,400.00	7,149.25	7,055.25	7,055.25	36.75	244.58	45.10	1,328.63	-277.80	1,394.34	1,115.48	278.86	5.000		
7,450.00	7,173.87	7,079.87	7,079.87	37.17	245.44	50.70	1,328.63	-277.80	1,356.12	1,076.20	279.92	4.845		
7,500.00	7,195.03	7,101.03	7,101.03	37.62	246.17	56.89	1,328.63	-277.80	1,316.89	1,035.99	280.90	4.688		
7,550.00	7,212.58	7,118.58	7,118.58	38.11	246.79	63.53	1,328.63	-277.80	1,276.98	995.19	281.79	4.532		
7,600.00	7,226.43	7,132.43	7,132.43	38.64	247.27	70.41	1,328.63	-277.80	1,236.74	954.15	282.59	4.376		
7,650.00	7,236.48	7,142.48	7,142.48	39.20	247.62	77.22	1,328.63	-277.80	1,196.52	913.20	283.31	4.223		
7,700.00	7,242.68	7,148.68	7,148.68	39.79	247.84	83.67	1,328.63	-277.80	1,156.68	872.73	283.95	4.073		
7,753.32	7,245.00	7,151.00	7,151.00	40.44	247.92	89.88	1,328.63	-277.80	1,115.03	830.48	284.56	3.918		
7,800.00	7,245.08	7,151.08	7,151.08	41.04	247.92	89.88	1,328.63	-277.80	1,079.49	794.41	285.08	3.787		
7,900.00	7,245.26	7,151.26	7,151.26	42.43	247.93	89.90	1,328.63	-277.80	1,006.40	719.98	286.43	3.514		
8,000.00	7,245.43	7,151.43	7,151.43	43.97	247.93	89.91	1,328.63	-277.80	938.30	650.17	288.13	3.256		
8,100.00	7,245.61	7,151.61	7,151.61	45.64	247.94	89.93	1,328.63	-277.80	876.33	586.11	290.22	3.020		
8,200.00	7,245.79	7,151.79	7,151.79	47.42	247.95	89.94	1,328.63	-277.80	821.90	529.22	292.68	2.808		
8,300.00	7,245.97	7,151.97	7,151.97	49.30	247.95	89.96	1,328.63	-277.80	776.57	481.14	295.43	2.629		
8,400.00	7,246.14	7,152.14	7,152.14	51.28	247.96	89.97	1,328.63	-277.80	742.04	443.73	298.31	2.487		
8,500.00	7,246.32	7,152.32	7,152.32	53.34	247.96	89.98	1,328.63	-277.80	719.85	418.78	301.07	2.391		
8,600.00	7,246.50	7,152.50	7,152.50	55.46	247.97	90.00	1,328.63	-277.80	711.15	407.72	303.43	2.344		
8,612.23	7,246.52	7,152.52	7,152.52	55.73	247.97	90.00	1,328.63	-277.80	711.04	407.36	303.68	2.341 CC, ES, SF		
8,700.00	7,246.67	7,152.67	7,152.67	57.66	247.98	90.01	1,328.63	-277.80	716.44	411.28	305.16	2.348		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,800.00	7,246.85	7,152.85	7,152.85	59.90	247.98	90.03	1,328.63	-277.80	735.42	429.27	306.15	2.402		
8,900.00	7,247.03	7,153.03	7,153.03	62.20	247.99	90.04	1,328.63	-277.80	767.07	460.62	306.45	2.503		
9,000.00	7,247.21	7,153.21	7,153.21	64.55	248.00	90.06	1,328.63	-277.80	809.91	503.73	306.18	2.645		
9,100.00	7,247.38	7,153.38	7,153.38	66.93	248.00	90.07	1,328.63	-277.80	862.27	556.76	305.51	2.822		
9,200.00	7,247.56	7,153.56	7,153.56	69.35	248.01	90.08	1,328.63	-277.80	922.53	617.92	304.61	3.029		
9,300.00	7,247.74	7,153.74	7,153.74	71.80	248.01	90.10	1,328.63	-277.80	989.25	685.65	303.60	3.258		
9,400.00	7,247.91	7,153.91	7,153.91	74.29	248.02	90.11	1,328.63	-277.80	1,061.21	758.65	302.56	3.507		
9,500.00	7,248.09	7,154.09	7,154.09	76.79	248.03	90.13	1,328.63	-277.80	1,137.42	835.87	301.54	3.772		
9,600.00	7,248.27	7,154.27	7,154.27	79.33	248.03	90.14	1,328.63	-277.80	1,217.08	916.50	300.58	4.049		
9,700.00	7,248.45	7,154.45	7,154.45	81.88	248.04	90.16	1,328.63	-277.80	1,299.55	999.86	299.68	4.336		
9,800.00	7,248.62	7,154.62	7,154.62	84.45	248.04	90.17	1,328.63	-277.80	1,384.33	1,085.47	298.86	4.632		
9,900.00	7,248.80	7,154.80	7,154.80	87.04	248.05	90.18	1,328.63	-277.80	1,471.03	1,172.92	298.11	4.935		
10,000.00	7,248.98	7,154.98	7,154.98	89.65	248.06	90.20	1,328.63	-277.80	1,559.32	1,261.89	297.43	5.243		
10,100.00	7,249.15	7,155.15	7,155.15	92.28	248.06	90.21	1,328.63	-277.80	1,648.95	1,352.14	296.81	5.556		
10,200.00	7,249.33	7,155.33	7,155.33	94.91	248.07	90.23	1,328.63	-277.80	1,739.71	1,443.46	296.25	5.872		
10,300.00	7,249.51	7,155.51	7,155.51	97.56	248.08	90.24	1,328.63	-277.80	1,831.43	1,535.69	295.74	6.193		
10,400.00	7,249.69	7,155.69	7,155.69	100.22	248.08	90.26	1,328.63	-277.80	1,923.98	1,628.70	295.28	6.516		
10,500.00	7,249.86	7,155.86	7,155.86	102.89	248.09	90.27	1,328.63	-277.80	2,017.24	1,722.38	294.86	6.841		
10,600.00	7,250.04	7,156.04	7,156.04	105.57	248.09	90.28	1,328.63	-277.80	2,111.11	1,816.64	294.48	7.169		
10,700.00	7,250.22	7,156.22	7,156.22	108.27	248.10	90.30	1,328.63	-277.80	2,205.53	1,911.40	294.13	7.498		
10,800.00	7,250.39	7,156.39	7,156.39	110.96	248.11	90.31	1,328.63	-277.80	2,300.42	2,006.60	293.82	7.829		
10,900.00	7,250.57	7,156.57	7,156.57	113.67	248.11	90.33	1,328.63	-277.80	2,395.72	2,102.19	293.53	8.162		
11,000.00	7,250.75	7,156.75	7,156.75	116.39	248.12	90.34	1,328.63	-277.80	2,491.39	2,198.12	293.27	8.495		
11,100.00	7,250.93	7,156.93	7,156.93	119.11	248.12	90.36	1,328.63	-277.80	2,587.39	2,294.36	293.03	8.830		
11,200.00	7,251.10	7,157.10	7,157.10	121.83	248.13	90.37	1,328.63	-277.80	2,683.68	2,390.87	292.81	9.165		
11,300.00	7,251.28	7,157.28	7,157.28	124.57	248.14	90.38	1,328.63	-277.80	2,780.23	2,487.62	292.61	9.502		
11,400.00	7,251.46	7,157.46	7,157.46	127.31	248.14	90.40	1,328.63	-277.80	2,877.02	2,584.60	292.42	9.839		
11,500.00	7,251.63	7,157.63	7,157.63	130.05	248.15	90.41	1,328.63	-277.80	2,974.02	2,681.76	292.25	10.176		
11,600.00	7,251.81	7,157.81	7,157.81	132.80	248.16	90.43	1,328.63	-277.80	3,071.21	2,779.11	292.10	10.514		
11,700.00	7,251.99	7,157.99	7,157.99	135.55	248.16	90.44	1,328.63	-277.80	3,168.58	2,876.62	291.96	10.853		
11,800.00	7,252.17	7,158.17	7,158.17	138.31	248.17	90.46	1,328.63	-277.80	3,266.10	2,974.28	291.83	11.192		
11,900.00	7,252.34	7,158.34	7,158.34	141.07	248.17	90.47	1,328.63	-277.80	3,363.78	3,072.06	291.71	11.531		
12,000.00	7,252.52	7,158.52	7,158.52	143.84	248.18	90.48	1,328.63	-277.80	3,461.58	3,169.98	291.60	11.871		
12,100.00	7,252.70	7,158.70	7,158.70	146.61	248.19	90.50	1,328.63	-277.80	3,559.51	3,268.00	291.51	12.211		
12,200.00	7,252.87	7,158.87	7,158.87	149.38	248.19	90.51	1,328.63	-277.80	3,657.55	3,366.13	291.42	12.551		
12,300.00	7,253.05	7,159.05	7,159.05	152.16	248.20	90.53	1,328.63	-277.80	3,755.69	3,464.35	291.33	12.891		
12,400.00	7,253.23	7,159.23	7,159.23	154.94	248.21	90.54	1,328.63	-277.80	3,853.93	3,562.67	291.26	13.232		
12,500.00	7,253.41	7,159.41	7,159.41	157.72	248.21	90.55	1,328.63	-277.80	3,952.25	3,661.06	291.19	13.573		
12,600.00	7,253.58	7,159.58	7,159.58	160.51	248.22	90.57	1,328.63	-277.80	4,050.66	3,759.53	291.13	13.913		
12,700.00	7,253.76	7,159.76	7,159.76	163.29	248.22	90.58	1,328.63	-277.80	4,149.15	3,858.07	291.08	14.254		
12,800.00	7,253.94	7,159.94	7,159.94	166.08	248.23	90.60	1,328.63	-277.80	4,247.70	3,956.67	291.03	14.595		
12,900.00	7,254.11	7,160.11	7,160.11	168.88	248.24	90.61	1,328.63	-277.80	4,346.32	4,055.33	290.99	14.936		
13,000.00	7,254.29	7,160.29	7,160.29	171.67	248.24	90.63	1,328.63	-277.80	4,445.00	4,154.05	290.95	15.277		
13,100.00	7,254.47	7,160.47	7,160.47	174.47	248.25	90.64	1,328.63	-277.80	4,543.74	4,252.82	290.92	15.619		
13,200.00	7,254.65	7,160.65	7,160.65	177.27	248.25	90.65	1,328.63	-277.80	4,642.54	4,351.65	290.89	15.960		
13,300.00	7,254.82	7,160.82	7,160.82	180.07	248.26	90.67	1,328.63	-277.80	4,741.38	4,450.51	290.87	16.301		
13,400.00	7,255.00	7,161.00	7,161.00	182.87	248.27	90.68	1,328.63	-277.80	4,840.28	4,549.43	290.85	16.642		
13,500.00	7,255.18	7,161.18	7,161.18	185.67	248.27	90.70	1,328.63	-277.80	4,939.21	4,648.38	290.83	16.983		
13,600.00	7,255.35	7,161.35	7,161.35	188.48	248.28	90.71	1,328.63	-277.80	5,038.19	4,747.37	290.82	17.324		
13,700.00	7,255.53	7,161.53	7,161.53	191.29	248.29	90.73	1,328.63	-277.80	5,137.21	4,846.39	290.82	17.665		
13,800.00	7,255.71	7,161.71	7,161.71	194.10	248.29	90.74	1,328.63	-277.80	5,236.27	4,945.45	290.81	18.006		
13,900.00	7,255.89	7,161.89	7,161.89	196.91	248.30	90.75	1,328.63	-277.80	5,335.36	5,044.54	290.81	18.346		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,000.00	7,256.06	7,162.06	7,162.06	199.72	248.30	90.77	1,328.63	-277.80	5,434.48	5,143.67	290.81	18.687		
14,100.00	7,256.24	7,162.24	7,162.24	202.53	248.31	90.78	1,328.63	-277.80	5,533.64	5,242.82	290.82	19.028		
14,200.00	7,256.42	7,162.42	7,162.42	205.35	248.32	90.80	1,328.63	-277.80	5,632.82	5,341.99	290.83	19.368		
14,300.00	7,256.59	7,162.59	7,162.59	208.16	248.32	90.81	1,328.63	-277.80	5,732.04	5,441.20	290.84	19.709		
14,400.00	7,256.77	7,162.77	7,162.77	210.98	248.33	90.83	1,328.63	-277.80	5,831.28	5,540.42	290.85	20.049		
14,500.00	7,256.95	7,162.95	7,162.95	213.80	248.34	90.84	1,328.63	-277.80	5,930.54	5,639.67	290.87	20.389		
14,600.00	7,257.13	7,163.13	7,163.13	216.62	248.34	90.85	1,328.63	-277.80	6,029.83	5,738.94	290.89	20.729		
14,700.00	7,257.30	7,163.30	7,163.30	219.44	248.35	90.87	1,328.63	-277.80	6,129.15	5,838.24	290.91	21.069		
14,800.00	7,257.48	7,163.48	7,163.48	222.26	248.35	90.88	1,328.63	-277.80	6,228.48	5,937.55	290.93	21.409		
14,900.00	7,257.66	7,163.66	7,163.66	225.08	248.36	90.90	1,328.63	-277.80	6,327.84	6,036.88	290.96	21.748		
15,000.00	7,257.83	7,163.83	7,163.83	227.91	248.37	90.91	1,328.63	-277.80	6,427.21	6,136.23	290.99	22.087		
15,100.00	7,258.01	7,164.01	7,164.01	230.73	248.37	90.93	1,328.63	-277.80	6,526.61	6,235.59	291.02	22.427		
15,200.00	7,258.19	7,164.19	7,164.19	233.56	248.38	90.94	1,328.63	-277.80	6,626.02	6,334.97	291.05	22.766		
15,300.00	7,258.37	7,164.37	7,164.37	236.38	248.38	90.95	1,328.63	-277.80	6,725.45	6,434.37	291.09	23.105		
15,400.00	7,258.54	7,164.54	7,164.54	239.21	248.39	90.97	1,328.63	-277.80	6,824.90	6,533.78	291.12	23.443		
15,500.00	7,258.72	7,164.72	7,164.72	242.04	248.40	90.98	1,328.63	-277.80	6,924.37	6,633.20	291.16	23.782		
15,600.00	7,258.90	7,164.90	7,164.90	244.87	248.40	91.00	1,328.63	-277.80	7,023.84	6,732.64	291.20	24.120		
15,700.00	7,259.08	7,165.08	7,165.08	247.70	248.41	91.01	1,328.63	-277.80	7,123.34	6,832.09	291.24	24.458		
15,800.00	7,259.25	7,165.25	7,165.25	250.53	248.42	91.03	1,328.63	-277.80	7,222.84	6,931.56	291.29	24.796		
15,900.00	7,259.43	7,165.43	7,165.43	253.36	248.42	91.04	1,328.63	-277.80	7,322.37	7,031.03	291.33	25.134		
16,000.00	7,259.61	7,165.61	7,165.61	256.19	248.43	91.05	1,328.63	-277.80	7,421.90	7,130.52	291.38	25.472		
16,100.00	7,259.78	7,165.78	7,165.78	259.02	248.43	91.07	1,328.63	-277.80	7,521.44	7,230.02	291.43	25.809		
16,200.00	7,259.96	7,165.96	7,165.96	261.85	248.44	91.08	1,328.63	-277.80	7,621.00	7,329.52	291.48	26.146		
16,300.00	7,260.14	7,166.14	7,166.14	264.68	248.45	91.10	1,328.63	-277.80	7,720.57	7,429.04	291.53	26.483		
16,400.00	7,260.32	7,166.32	7,166.32	267.52	248.45	91.11	1,328.63	-277.80	7,820.15	7,528.57	291.59	26.819		
16,500.00	7,260.49	7,166.49	7,166.49	270.35	248.46	91.13	1,328.63	-277.80	7,919.74	7,628.10	291.64	27.156		
16,600.00	7,260.67	7,166.67	7,166.67	273.19	248.47	91.14	1,328.63	-277.80	8,019.34	7,727.65	291.70	27.492		
16,700.00	7,260.85	7,166.85	7,166.85	276.02	248.47	91.15	1,328.63	-277.80	8,118.95	7,827.20	291.75	27.828		
16,800.00	7,261.02	7,167.02	7,167.02	278.86	248.48	91.17	1,328.63	-277.80	8,218.58	7,926.76	291.81	28.164		
16,900.00	7,261.20	7,167.20	7,167.20	281.69	248.48	91.18	1,328.63	-277.80	8,318.20	8,026.33	291.87	28.499		
17,000.00	7,261.38	7,167.38	7,167.38	284.53	248.49	91.20	1,328.63	-277.80	8,417.84	8,125.91	291.94	28.835		
17,100.00	7,261.56	7,167.56	7,167.56	287.37	248.50	91.21	1,328.63	-277.80	8,517.49	8,225.49	292.00	29.170		
17,200.00	7,261.73	7,167.73	7,167.73	290.21	248.50	91.23	1,328.63	-277.80	8,617.14	8,325.08	292.06	29.504		
17,300.00	7,261.91	7,167.91	7,167.91	293.04	248.51	91.24	1,328.63	-277.80	8,716.81	8,424.68	292.13	29.839		
17,400.00	7,262.09	7,168.09	7,168.09	295.88	248.51	91.25	1,328.63	-277.80	8,816.48	8,524.28	292.20	30.173		
17,500.00	7,262.26	7,168.26	7,168.26	298.72	248.52	91.27	1,328.63	-277.80	8,916.16	8,623.89	292.27	30.507		
17,600.00	7,262.44	7,168.44	7,168.44	301.56	248.53	91.28	1,328.63	-277.80	9,015.84	8,723.51	292.33	30.841		
17,700.00	7,262.62	7,168.62	7,168.62	304.40	248.53	91.30	1,328.63	-277.80	9,115.53	8,823.13	292.41	31.174		
17,800.00	7,262.80	7,168.80	7,168.80	307.24	248.54	91.31	1,328.63	-277.80	9,215.23	8,922.75	292.48	31.507		
17,900.00	7,262.97	7,168.97	7,168.97	310.08	248.55	91.33	1,328.63	-277.80	9,314.94	9,022.38	292.55	31.840		
18,000.00	7,263.15	7,169.15	7,169.15	312.92	248.55	91.34	1,328.63	-277.80	9,414.65	9,122.02	292.62	32.173		
18,100.00	7,263.33	7,169.33	7,169.33	315.76	248.56	91.35	1,328.63	-277.80	9,514.36	9,221.66	292.70	32.506		
18,200.00	7,263.50	7,169.50	7,169.50	318.61	248.56	91.37	1,328.63	-277.80	9,614.09	9,321.31	292.78	32.838		
18,300.00	7,263.68	7,169.68	7,169.68	321.45	248.57	91.38	1,328.63	-277.80	9,713.82	9,420.96	292.85	33.170		
18,400.00	7,263.86	7,169.86	7,169.86	324.29	248.58	91.40	1,328.63	-277.80	9,813.55	9,520.62	292.93	33.501		
18,500.00	7,264.04	7,170.04	7,170.04	327.13	248.58	91.41	1,328.63	-277.80	9,913.29	9,620.28	293.01	33.832		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	-128.29	-2,415.15	-3,059.09	3,897.59					
100.00	100.00	77.15	77.15	3.28	3.28	-128.29	-2,415.28	-3,059.10	3,897.66	3,891.09	6.57	593.351		
200.00	200.00	218.78	218.78	3.34	3.36	-128.30	-2,415.49	-3,058.40	3,897.37	3,890.67	6.70	581.993		
222.38	222.38	237.95	237.95	3.36	3.38	166.14	-2,415.44	-3,058.25	3,897.27	3,890.54	6.73	578.723		
300.00	299.98	304.02	304.01	3.44	3.46	166.14	-2,415.07	-3,058.02	3,898.40	3,891.50	6.90	565.035		
400.00	399.84	381.99	381.98	3.60	3.57	166.14	-2,414.73	-3,058.10	3,903.30	3,896.13	7.18	543.814		
500.00	499.45	520.08	520.07	3.81	3.85	166.14	-2,414.23	-3,057.71	3,911.30	3,903.65	7.66	510.826		
600.00	598.70	588.47	588.46	4.06	4.01	166.12	-2,413.94	-3,057.52	3,922.65	3,914.59	8.07	486.340		
700.00	697.47	722.94	722.93	4.34	4.36	166.13	-2,413.16	-3,057.05	3,937.19	3,928.49	8.71	452.291		
800.00	795.62	800.00	799.98	4.66	4.59	166.10	-2,412.56	-3,056.90	3,955.09	3,945.85	9.24	427.870		
824.00	819.08	818.99	818.97	4.75	4.65	166.09	-2,412.44	-3,056.92	3,959.96	3,950.57	9.38	421.963		
900.00	893.28	910.65	910.63	5.02	4.93	166.16	-2,412.15	-3,056.48	3,975.50	3,965.58	9.92	400.593		
1,000.00	990.92	999.58	999.56	5.40	5.22	166.22	-2,412.07	-3,055.82	3,995.89	3,985.32	10.56	378.250		
1,100.00	1,088.56	1,091.02	1,091.00	5.80	5.53	166.28	-2,412.03	-3,055.29	4,016.43	4,005.18	11.24	357.300		
1,200.00	1,186.19	1,182.39	1,182.37	6.21	5.85	166.35	-2,412.03	-3,054.91	4,037.13	4,025.18	11.94	338.080		
1,300.00	1,283.83	1,273.70	1,273.67	6.64	6.18	166.41	-2,412.06	-3,054.68	4,057.99	4,045.32	12.66	320.511		
1,400.00	1,381.47	1,364.93	1,364.91	7.08	6.51	166.48	-2,412.14	-3,054.61	4,079.01	4,065.61	13.40	304.478		
1,500.00	1,479.10	1,456.10	1,456.07	7.53	6.85	166.54	-2,412.25	-3,054.68	4,100.18	4,086.04	14.15	289.852		
1,600.00	1,576.74	1,561.52	1,561.49	7.99	7.25	166.62	-2,412.23	-3,054.96	4,121.44	4,106.47	14.96	275.426		
1,700.00	1,674.38	1,685.24	1,685.21	8.45	7.72	166.72	-2,411.29	-3,055.27	4,142.23	4,126.36	15.87	261.020		
1,800.00	1,772.02	1,785.35	1,785.32	8.92	8.11	166.80	-2,410.58	-3,054.97	4,162.64	4,145.95	16.69	249.424		
1,900.00	1,869.65	1,882.97	1,882.94	9.39	8.50	166.87	-2,410.01	-3,054.60	4,183.07	4,165.56	17.51	238.949		
2,000.00	1,967.29	1,980.46	1,980.42	9.87	8.88	166.94	-2,409.27	-3,054.37	4,203.51	4,185.18	18.33	229.331		
2,100.00	2,064.93	2,070.34	2,070.30	10.35	9.24	167.01	-2,408.71	-3,054.15	4,224.03	4,204.90	19.13	220.859		
2,200.00	2,162.56	2,168.86	2,168.82	10.83	9.64	167.08	-2,408.20	-3,054.01	4,244.69	4,224.73	19.96	212.620		
2,300.00	2,260.20	2,298.66	2,298.60	11.32	10.16	167.19	-2,406.15	-3,054.28	4,265.04	4,244.09	20.95	203.629		
2,400.00	2,357.84	2,434.80	2,434.70	11.80	10.71	167.31	-2,402.97	-3,053.64	4,284.35	4,262.39	21.96	195.092		
2,500.00	2,455.48	2,527.32	2,527.19	12.29	11.09	167.38	-2,401.00	-3,052.68	4,303.39	4,280.60	22.79	188.850		
2,600.00	2,553.11	2,607.36	2,607.21	12.78	11.42	167.45	-2,399.12	-3,052.31	4,322.77	4,299.20	23.56	183.475		
2,700.00	2,650.75	2,696.77	2,696.60	13.27	11.79	167.53	-2,397.06	-3,052.20	4,342.44	4,318.06	24.38	178.133		
2,800.00	2,748.39	2,807.51	2,807.31	13.77	12.24	167.62	-2,394.75	-3,051.82	4,362.08	4,336.78	25.29	172.456		
2,900.00	2,846.02	2,881.11	2,880.90	14.26	12.55	167.68	-2,393.33	-3,051.63	4,381.87	4,355.83	26.04	168.263		
3,000.00	2,943.66	2,973.86	2,973.64	14.76	12.93	167.74	-2,392.09	-3,051.39	4,402.02	4,375.14	26.88	163.772		
3,100.00	3,041.30	3,046.50	3,046.28	15.25	13.23	167.79	-2,391.77	-3,050.89	4,422.39	4,394.77	27.62	160.101		
3,200.00	3,138.94	3,114.71	3,114.49	15.75	13.51	167.83	-2,391.80	-3,050.84	4,443.48	4,415.14	28.34	156.771		
3,300.00	3,236.57	3,200.00	3,199.78	16.25	13.87	167.88	-2,391.65	-3,051.21	4,464.89	4,435.75	29.15	153.193		
3,400.00	3,334.21	3,265.69	3,265.46	16.75	14.14	167.93	-2,391.77	-3,051.73	4,486.81	4,456.96	29.85	150.299		
3,500.00	3,431.85	3,365.74	3,365.51	17.25	14.55	167.98	-2,392.99	-3,052.64	4,509.39	4,478.66	30.73	146.756		
3,600.00	3,529.48	3,449.84	3,449.60	17.75	14.90	168.02	-2,393.73	-3,053.25	4,531.65	4,500.13	31.52	143.753		
3,700.00	3,627.12	3,535.20	3,534.94	18.25	15.26	168.07	-2,394.70	-3,054.44	4,554.55	4,522.22	32.33	140.888		
3,800.00	3,724.76	3,713.28	3,713.01	18.75	16.00	168.17	-2,396.13	-3,055.29	4,576.57	4,542.98	33.59	136.243		
3,900.00	3,822.40	3,782.22	3,781.95	19.25	16.29	168.21	-2,396.17	-3,055.59	4,598.09	4,563.77	34.32	133.983		
4,000.00	3,920.03	3,883.97	3,883.69	19.75	16.72	168.26	-2,396.53	-3,056.07	4,619.84	4,584.64	35.21	131.215		
4,100.00	4,017.67	3,993.42	3,993.15	20.25	17.18	168.32	-2,396.88	-3,056.29	4,641.37	4,605.23	36.14	128.436		
4,200.00	4,115.31	4,103.01	4,102.74	20.76	17.64	168.38	-2,397.18	-3,056.22	4,662.65	4,625.58	37.07	125.784		
4,300.00	4,212.94	4,212.73	4,212.46	21.26	18.10	168.43	-2,397.41	-3,055.83	4,683.69	4,645.69	38.00	123.251		
4,400.00	4,310.58	4,322.58	4,322.31	21.76	18.56	168.49	-2,397.60	-3,055.13	4,704.47	4,665.54	38.94	120.827		
4,500.00	4,408.22	4,432.57	4,432.29	22.27	19.02	168.54	-2,397.72	-3,054.13	4,725.01	4,685.13	39.87	118.507		
4,600.00	4,505.86	4,494.73	4,494.45	22.77	19.28	168.57	-2,397.70	-3,053.99	4,745.93	4,705.36	40.57	116.987		
4,700.00	4,603.49	4,700.00	4,606.58	23.28	20.15	168.63	-2,397.52	-3,053.65	4,766.78	4,724.87	41.91	113.741		
4,800.00	4,701.13	4,666.09	4,665.81	23.78	20.00	168.66	-2,397.47	-3,053.61	4,787.94	4,745.75	42.20	113.470		
4,900.00	4,798.77	4,765.66	4,765.37	24.28	20.42	168.72	-2,397.46	-3,054.50	4,809.86	4,766.78	43.08	111.649		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,896.40	4,868.81	4,868.52	24.79	20.86	168.78	-2,396.73	-3,055.27	4,831.27	4,787.28	43.98	109.841		
5,100.00	4,994.04	4,993.51	4,993.20	25.30	21.38	168.86	-2,395.52	-3,056.33	4,852.64	4,807.64	45.00	107.837		
5,200.00	5,091.68	5,060.87	5,060.56	25.80	21.67	168.90	-2,395.24	-3,056.52	4,873.87	4,828.15	45.72	106.603		
5,300.00	5,189.32	5,168.31	5,168.00	26.31	22.12	168.96	-2,395.02	-3,057.33	4,895.61	4,848.96	46.65	104.949		
5,400.00	5,286.95	5,259.42	5,259.11	26.81	22.51	169.01	-2,394.81	-3,057.53	4,916.89	4,869.40	47.49	103.534		
5,500.00	5,384.59	5,397.01	5,396.69	27.32	23.09	169.09	-2,393.91	-3,058.40	4,938.37	4,889.80	48.58	101.662		
5,600.00	5,482.23	5,475.96	5,475.63	27.82	23.43	169.14	-2,393.06	-3,058.65	4,959.26	4,909.90	49.36	100.476		
5,700.00	5,579.87	5,571.78	5,571.45	28.33	23.83	169.21	-2,391.70	-3,059.52	4,980.43	4,930.21	50.23	99.159		
5,800.00	5,677.50	5,653.17	5,652.83	28.84	24.18	169.26	-2,390.55	-3,060.30	5,001.67	4,950.65	51.02	98.035		
5,900.00	5,775.14	5,756.42	5,756.06	29.34	24.62	169.33	-2,389.61	-3,061.38	5,023.27	4,971.34	51.93	96.736		
6,000.00	5,872.78	5,885.29	5,884.92	29.85	25.16	169.41	-2,387.94	-3,062.13	5,044.24	4,991.27	52.97	95.225		
6,100.00	5,970.41	5,977.45	5,977.08	30.36	25.55	169.46	-2,387.04	-3,062.20	5,065.01	5,011.19	53.82	94.106		
6,200.00	6,068.05	6,067.64	6,067.26	30.86	25.94	169.51	-2,386.15	-3,062.45	5,085.96	5,031.29	54.66	93.042		
6,300.00	6,165.69	6,199.84	6,199.46	31.37	26.50	169.57	-2,385.75	-3,061.93	5,106.78	5,051.05	55.73	91.640		
6,400.00	6,263.33	6,258.86	6,258.48	31.88	26.75	169.60	-2,385.38	-3,061.79	5,127.50	5,071.10	56.40	90.910		
6,500.00	6,360.96	6,362.47	6,362.08	32.38	27.19	169.65	-2,384.81	-3,062.25	5,148.84	5,091.53	57.31	89.835		
6,600.00	6,458.60	6,450.79	6,450.40	32.89	27.56	169.70	-2,384.16	-3,062.23	5,169.72	5,111.57	58.14	88.911		
6,628.42	6,486.35	6,468.36	6,467.97	33.04	27.64	169.71	-2,384.12	-3,062.26	5,175.76	5,117.42	58.34	88.717		
6,650.00	6,507.49	6,481.73	6,481.34	33.14	27.69	174.25	-2,384.10	-3,062.29	5,180.09	5,121.61	58.49	88.569		
6,700.00	6,556.88	6,535.75	6,535.36	33.37	27.92	-167.63	-2,384.13	-3,062.47	5,187.94	5,129.00	58.94	88.017		
6,750.00	6,606.60	6,750.00	6,591.17	33.58	28.83	-128.81	-2,384.02	-3,062.46	5,192.35	5,132.28	60.07	86.443		
6,800.00	6,656.35	6,640.76	6,640.37	33.76	28.37	-86.50	-2,383.96	-3,062.41	5,193.54	5,133.74	59.80	86.854		
6,850.00	6,705.83	6,741.66	6,657.95	33.94	28.80	-66.07	-2,383.90	-3,062.37	5,191.61	5,131.25	60.37	86.003		
6,900.00	6,754.72	6,707.21	6,706.82	34.12	28.65	-56.93	-2,384.28	-3,062.50	5,186.75	5,126.37	60.39	85.893		
6,950.00	6,802.72	6,755.21	6,754.82	34.31	28.85	-52.32	-2,384.65	-3,062.62	5,178.72	5,117.98	60.75	85.252		
7,000.00	6,849.54	6,802.04	6,801.65	34.50	29.05	-49.90	-2,385.02	-3,062.74	5,167.59	5,106.49	61.09	84.588		
7,050.00	6,894.89	6,847.41	6,847.01	34.71	29.24	-48.74	-2,385.37	-3,062.86	5,153.42	5,092.00	61.42	83.903		
7,100.00	6,938.49	6,891.04	6,890.64	34.93	29.43	-48.42	-2,385.71	-3,062.97	5,136.34	5,074.61	61.74	83.198		
7,150.00	6,980.07	6,932.66	6,932.26	35.17	29.60	-48.75	-2,386.04	-3,063.07	5,116.47	5,054.43	62.04	82.472		
7,200.00	7,019.38	6,972.02	6,971.61	35.43	29.77	-49.61	-2,386.34	-3,063.17	5,093.94	5,031.62	62.33	81.726		
7,250.00	7,056.17	7,008.86	7,008.46	35.71	29.93	-50.96	-2,386.63	-3,063.27	5,068.93	5,006.32	62.61	80.958		
7,300.00	7,090.21	7,042.97	7,042.57	36.03	30.07	-52.77	-2,386.90	-3,063.35	5,041.60	4,978.71	62.89	80.168		
7,350.00	7,121.30	7,074.14	7,073.74	36.37	30.20	-55.04	-2,387.14	-3,063.43	5,012.14	4,948.98	63.16	79.354		
7,400.00	7,149.25	7,102.17	7,101.76	36.75	30.32	-57.78	-2,387.36	-3,063.50	4,980.77	4,917.33	63.44	78.516		
7,450.00	7,173.87	7,126.89	7,126.48	37.17	30.43	-60.98	-2,387.55	-3,063.57	4,947.68	4,883.96	63.71	77.654		
7,500.00	7,195.03	7,148.14	7,147.73	37.62	30.52	-64.66	-2,387.72	-3,063.62	4,913.10	4,849.11	64.00	76.769		
7,550.00	7,212.58	7,165.80	7,165.40	38.11	30.59	-68.80	-2,387.85	-3,063.67	4,877.27	4,812.98	64.29	75.861		
7,600.00	7,226.43	7,179.76	7,179.35	38.64	30.65	-73.36	-2,387.96	-3,063.70	4,840.42	4,775.83	64.60	74.934		
7,650.00	7,236.48	7,189.93	7,189.52	39.20	30.70	-78.30	-2,388.04	-3,063.73	4,802.79	4,737.88	64.91	73.991		
7,700.00	7,242.68	7,196.25	7,195.84	39.79	30.72	-83.51	-2,388.09	-3,063.74	4,764.61	4,699.38	65.24	73.037		
7,753.32	7,245.00	7,198.70	7,198.29	40.44	30.73	-89.25	-2,388.11	-3,063.75	4,723.58	4,657.98	65.59	72.013		
7,800.00	7,245.08	7,198.90	7,198.49	41.04	30.73	-89.26	-2,388.11	-3,063.75	4,687.68	4,621.76	65.92	71.108		
7,900.00	7,245.26	7,199.33	7,198.92	42.43	30.74	-89.27	-2,388.11	-3,063.75	4,611.43	4,544.71	66.73	69.111		
8,000.00	7,245.43	7,199.76	7,199.35	43.97	30.74	-89.27	-2,388.12	-3,063.75	4,536.11	4,468.45	67.66	67.045		
8,100.00	7,245.61	7,200.19	7,199.78	45.64	30.74	-89.28	-2,388.12	-3,063.75	4,461.75	4,393.03	68.72	64.923		
8,200.00	7,245.79	7,200.62	7,200.21	47.42	30.74	-89.29	-2,388.13	-3,063.75	4,388.41	4,318.49	69.93	62.759		
8,300.00	7,245.97	7,201.05	7,200.65	49.30	30.74	-89.30	-2,388.13	-3,063.76	4,316.15	4,244.89	71.26	60.567		
8,400.00	7,246.14	7,201.49	7,201.08	51.28	30.74	-89.31	-2,388.13	-3,063.76	4,245.01	4,172.27	72.74	58.362		
8,500.00	7,246.32	7,201.92	7,201.51	53.34	30.75	-89.32	-2,388.14	-3,063.76	4,175.05	4,100.71	74.34	56.158		
8,600.00	7,246.50	7,202.35	7,201.94	55.46	30.75	-89.32	-2,388.14	-3,063.76	4,106.34	4,030.25	76.09	53.969		
8,700.00	7,246.67	7,202.78	7,202.37	57.66	30.75	-89.33	-2,388.14	-3,063.76	4,038.93	3,960.97	77.96	51.806		
8,800.00	7,246.85	7,203.21	7,202.80	59.90	30.75	-89.34	-2,388.15	-3,063.76	3,972.89	3,892.93	79.97	49.682		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,900.00	7,247.03	7,203.64	7,203.23	62.20	30.75	-89.35	-2,388.15	-3,063.76	3,908.30	3,826.20	82.10	47.604		
9,000.00	7,247.21	7,204.07	7,203.66	64.55	30.76	-89.36	-2,388.15	-3,063.76	3,845.23	3,760.87	84.36	45.583		
9,100.00	7,247.38	7,204.50	7,204.09	66.93	30.76	-89.36	-2,388.16	-3,063.76	3,783.75	3,697.01	86.74	43.624		
9,200.00	7,247.56	7,204.93	7,204.52	69.35	30.76	-89.37	-2,388.16	-3,063.77	3,723.94	3,634.70	89.23	41.734		
9,300.00	7,247.74	7,205.36	7,204.96	71.80	30.76	-89.38	-2,388.16	-3,063.77	3,665.88	3,574.04	91.84	39.916		
9,400.00	7,247.91	7,205.79	7,205.39	74.29	30.76	-89.39	-2,388.17	-3,063.77	3,609.65	3,515.10	94.56	38.175		
9,500.00	7,248.09	7,206.23	7,205.82	76.79	30.77	-89.40	-2,388.17	-3,063.77	3,555.35	3,457.98	97.37	36.512		
9,600.00	7,248.27	7,206.66	7,206.25	79.33	30.77	-89.41	-2,388.17	-3,063.77	3,503.07	3,402.78	100.29	34.929		
9,700.00	7,248.45	7,207.09	7,206.68	81.88	30.77	-89.41	-2,388.18	-3,063.77	3,452.89	3,349.59	103.30	33.427		
9,800.00	7,248.62	7,207.52	7,207.11	84.45	30.77	-89.42	-2,388.18	-3,063.77	3,404.91	3,298.52	106.39	32.005		
9,900.00	7,248.80	7,207.95	7,207.54	87.04	30.77	-89.43	-2,388.18	-3,063.77	3,359.21	3,249.67	109.55	30.664		
10,000.00	7,248.98	7,208.38	7,207.97	89.65	30.77	-89.44	-2,388.19	-3,063.77	3,315.91	3,203.13	112.78	29.402		
10,100.00	7,249.15	7,208.81	7,208.40	92.28	30.78	-89.45	-2,388.19	-3,063.78	3,275.09	3,159.03	116.06	28.218		
10,200.00	7,249.33	7,209.24	7,208.83	94.91	30.78	-89.45	-2,388.19	-3,063.78	3,236.84	3,117.45	119.39	27.111		
10,300.00	7,249.51	7,209.67	7,209.26	97.56	30.78	-89.46	-2,388.20	-3,063.78	3,201.27	3,078.51	122.75	26.079		
10,400.00	7,249.69	7,210.10	7,209.70	100.22	30.78	-89.47	-2,388.20	-3,063.78	3,168.45	3,042.31	126.14	25.119		
10,500.00	7,249.86	7,210.53	7,210.13	102.89	30.78	-89.48	-2,388.20	-3,063.78	3,138.47	3,008.94	129.53	24.230		
10,600.00	7,250.04	7,210.97	7,210.56	105.57	30.79	-89.49	-2,388.21	-3,063.78	3,111.42	2,978.51	132.91	23.409		
10,700.00	7,250.22	7,211.40	7,210.99	108.27	30.79	-89.50	-2,388.21	-3,063.78	3,087.37	2,951.10	136.28	22.655		
10,800.00	7,250.39	7,211.83	7,211.42	110.96	30.79	-89.50	-2,388.21	-3,063.78	3,066.40	2,926.79	139.61	21.964		
10,900.00	7,250.57	7,212.26	7,211.85	113.67	30.79	-89.51	-2,388.22	-3,063.78	3,048.57	2,905.68	142.89	21.335		
11,000.00	7,250.75	7,212.69	7,212.28	116.39	30.79	-89.52	-2,388.22	-3,063.78	3,033.93	2,887.82	146.11	20.765		
11,100.00	7,250.93	7,213.12	7,212.71	119.11	30.79	-89.53	-2,388.22	-3,063.79	3,022.52	2,873.27	149.25	20.251		
11,200.00	7,251.10	7,213.55	7,213.14	121.83	30.80	-89.54	-2,388.23	-3,063.79	3,014.40	2,862.10	152.30	19.792		
11,300.00	7,251.28	7,213.98	7,213.57	124.57	30.80	-89.55	-2,388.23	-3,063.79	3,009.57	2,854.33	155.24	19.386		
11,395.30	7,251.45	7,214.39	7,213.98	127.18	30.80	-89.55	-2,388.23	-3,063.79	3,008.07	2,850.12	157.94	19.045 CC		
11,400.00	7,251.46	7,214.41	7,214.00	127.31	30.80	-89.55	-2,388.23	-3,063.79	3,008.07	2,850.00	158.07	19.030		
11,500.00	7,251.63	7,214.84	7,214.44	130.05	30.80	-89.56	-2,388.24	-3,063.79	3,009.89	2,849.11	160.77	18.721 ES		
11,600.00	7,251.81	7,215.28	7,214.87	132.80	30.80	-89.57	-2,388.24	-3,063.79	3,015.02	2,851.68	163.34	18.459		
11,700.00	7,251.99	7,215.71	7,215.30	135.55	30.81	-89.58	-2,388.24	-3,063.79	3,023.46	2,857.70	165.76	18.240		
11,800.00	7,252.17	7,216.14	7,215.73	138.31	30.81	-89.59	-2,388.25	-3,063.79	3,035.17	2,867.13	168.03	18.063		
11,900.00	7,252.34	7,216.57	7,216.16	141.07	30.81	-89.59	-2,388.25	-3,063.79	3,050.11	2,879.96	170.15	17.926		
12,000.00	7,252.52	7,217.00	7,216.59	143.84	30.81	-89.60	-2,388.25	-3,063.80	3,068.24	2,896.13	172.11	17.827		
12,100.00	7,252.70	7,217.43	7,217.02	146.61	30.81	-89.61	-2,388.26	-3,063.80	3,089.51	2,915.59	173.91	17.765		
12,200.00	7,252.87	7,217.86	7,217.45	149.38	30.81	-89.62	-2,388.26	-3,063.80	3,113.84	2,938.28	175.56	17.737 SF		
12,300.00	7,253.05	7,218.29	7,217.88	152.16	30.82	-89.63	-2,388.26	-3,063.80	3,141.17	2,964.12	177.04	17.742		
12,400.00	7,253.23	7,218.72	7,218.31	154.94	30.82	-89.64	-2,388.27	-3,063.80	3,171.41	2,993.04	178.38	17.779		
12,500.00	7,253.41	7,219.15	7,218.74	157.72	30.82	-89.64	-2,388.27	-3,063.80	3,204.50	3,024.93	179.56	17.846		
12,600.00	7,253.58	7,219.58	7,219.18	160.51	30.82	-89.65	-2,388.27	-3,063.80	3,240.33	3,059.73	180.60	17.942		
12,700.00	7,253.76	7,220.02	7,219.61	163.29	30.82	-89.66	-2,388.28	-3,063.80	3,278.82	3,097.32	181.51	18.064		
12,800.00	7,253.94	7,220.45	7,220.04	166.08	30.83	-89.67	-2,388.28	-3,063.80	3,319.88	3,137.60	182.28	18.213		
12,900.00	7,254.11	7,220.88	7,220.47	168.88	30.83	-89.68	-2,388.28	-3,063.81	3,363.41	3,180.49	182.92	18.387		
13,000.00	7,254.29	7,221.31	7,220.90	171.67	30.83	-89.68	-2,388.29	-3,063.81	3,409.32	3,225.87	183.45	18.584		
13,100.00	7,254.47	7,221.74	7,221.33	174.47	30.83	-89.69	-2,388.29	-3,063.81	3,457.52	3,273.64	183.87	18.804		
13,200.00	7,254.65	7,222.17	7,221.76	177.27	30.83	-89.70	-2,388.29	-3,063.81	3,507.90	3,323.71	184.19	19.045		
13,300.00	7,254.82	7,222.60	7,222.19	180.07	30.83	-89.71	-2,388.30	-3,063.81	3,560.38	3,375.96	184.42	19.306		
13,400.00	7,255.00	7,223.03	7,222.62	182.87	30.84	-89.72	-2,388.30	-3,063.81	3,614.86	3,430.31	184.55	19.587		
13,500.00	7,255.18	7,223.46	7,223.05	185.67	30.84	-89.73	-2,388.30	-3,063.81	3,671.26	3,486.65	184.61	19.887		
13,600.00	7,255.35	7,223.89	7,223.49	188.48	30.84	-89.73	-2,388.31	-3,063.81	3,729.49	3,544.89	184.60	20.204		
13,700.00	7,255.53	7,224.33	7,223.92	191.29	30.84	-89.74	-2,388.31	-3,063.81	3,789.46	3,604.95	184.51	20.538		
13,800.00	7,255.71	7,224.76	7,224.35	194.10	30.84	-89.75	-2,388.31	-3,063.82	3,851.10	3,666.72	184.37	20.888		
13,900.00	7,255.89	7,225.19	7,224.78	196.91	30.85	-89.76	-2,388.32	-3,063.82	3,914.32	3,730.14	184.18	21.253		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,000.00	7,256.06	7,225.62	7,225.21	199.72	30.85	-89.77	-2,388.32	-3,063.82	3,979.05	3,795.11	183.94	21.633		
14,100.00	7,256.24	7,226.05	7,225.64	202.53	30.85	-89.78	-2,388.32	-3,063.82	4,045.21	3,861.56	183.65	22.027		
14,200.00	7,256.42	7,226.48	7,226.07	205.35	30.85	-89.78	-2,388.33	-3,063.82	4,112.75	3,929.42	183.33	22.434		
14,300.00	7,256.59	7,226.91	7,226.50	208.16	30.85	-89.79	-2,388.33	-3,063.82	4,181.58	3,998.61	182.97	22.854		
14,400.00	7,256.77	7,227.34	7,226.93	210.98	30.85	-89.80	-2,388.33	-3,063.82	4,251.65	4,069.07	182.58	23.286		
14,500.00	7,256.95	7,227.77	7,227.36	213.80	30.86	-89.81	-2,388.34	-3,063.82	4,322.90	4,140.73	182.17	23.730		
14,600.00	7,257.13	7,228.20	7,227.79	216.62	30.86	-89.82	-2,388.34	-3,063.82	4,395.27	4,213.53	181.74	24.185		
14,700.00	7,257.30	7,228.63	7,228.23	219.44	30.86	-89.82	-2,388.34	-3,063.83	4,468.70	4,287.42	181.28	24.650		
14,800.00	7,257.48	7,229.07	7,228.66	222.26	30.86	-89.83	-2,388.35	-3,063.83	4,543.15	4,362.34	180.81	25.126		
14,900.00	7,257.66	7,229.50	7,229.09	225.08	30.86	-89.84	-2,388.35	-3,063.83	4,618.57	4,438.24	180.33	25.611		
15,000.00	7,257.83	7,229.93	7,229.52	227.91	30.87	-89.85	-2,388.35	-3,063.83	4,694.90	4,515.06	179.84	26.106		
15,100.00	7,258.01	7,230.36	7,229.95	230.73	30.87	-89.86	-2,388.36	-3,063.83	4,772.11	4,592.77	179.34	26.610		
15,200.00	7,258.19	7,230.79	7,230.38	233.56	30.87	-89.87	-2,388.36	-3,063.83	4,850.15	4,671.32	178.83	27.122		
15,300.00	7,258.37	7,231.22	7,230.81	236.38	30.87	-89.87	-2,388.36	-3,063.83	4,928.98	4,750.67	178.32	27.642		
15,400.00	7,258.54	7,231.65	7,231.24	239.21	30.87	-89.88	-2,388.37	-3,063.83	5,008.57	4,830.78	177.80	28.170		
15,500.00	7,258.72	7,232.08	7,231.67	242.04	30.87	-89.89	-2,388.37	-3,063.83	5,088.88	4,911.61	177.28	28.706		
15,600.00	7,258.90	7,232.51	7,232.10	244.87	30.88	-89.90	-2,388.37	-3,063.84	5,169.88	4,993.12	176.76	29.248		
15,700.00	7,259.08	7,232.94	7,232.53	247.70	30.88	-89.91	-2,388.38	-3,063.84	5,251.53	5,075.29	176.24	29.798		
15,800.00	7,259.25	7,233.38	7,232.97	250.53	30.88	-89.91	-2,388.38	-3,063.84	5,333.81	5,158.09	175.72	30.354		
15,900.00	7,259.43	7,233.81	7,233.40	253.36	30.88	-89.92	-2,388.38	-3,063.84	5,416.68	5,241.48	175.20	30.917		
16,000.00	7,259.61	7,234.24	7,233.83	256.19	30.88	-89.93	-2,388.39	-3,063.84	5,500.12	5,325.44	174.69	31.486		
16,100.00	7,259.78	7,234.67	7,234.26	259.02	30.89	-89.94	-2,388.39	-3,063.84	5,584.11	5,409.93	174.18	32.060		
16,200.00	7,259.96	7,235.10	7,234.69	261.85	30.89	-89.95	-2,388.39	-3,063.84	5,668.62	5,494.95	173.67	32.640		
16,300.00	7,260.14	7,235.53	7,235.12	264.68	30.89	-89.96	-2,388.40	-3,063.84	5,753.62	5,580.45	173.17	33.226		
16,400.00	7,260.32	7,235.96	7,235.55	267.52	30.89	-89.96	-2,388.40	-3,063.84	5,839.10	5,666.43	172.67	33.816		
16,500.00	7,260.49	7,236.39	7,235.98	270.35	30.89	-89.97	-2,388.40	-3,063.85	5,925.03	5,752.85	172.18	34.412		
16,600.00	7,260.67	7,236.82	7,236.41	273.19	30.89	-89.98	-2,388.41	-3,063.85	6,011.40	5,839.70	171.69	35.012		
16,700.00	7,260.85	7,237.25	7,236.84	276.02	30.90	-89.99	-2,388.41	-3,063.85	6,098.18	5,926.97	171.21	35.617		
16,800.00	7,261.02	7,237.68	7,237.28	278.86	30.90	-90.00	-2,388.41	-3,063.85	6,185.36	6,014.62	170.74	36.226		
16,900.00	7,261.20	7,238.12	7,237.71	281.69	30.90	-90.00	-2,388.42	-3,063.85	6,272.93	6,102.66	170.28	36.840		
17,000.00	7,261.38	7,238.55	7,238.14	284.53	30.90	-90.01	-2,388.42	-3,063.85	6,360.86	6,191.05	169.82	37.458		
17,100.00	7,261.56	7,238.98	7,238.57	287.37	30.90	-90.02	-2,388.42	-3,063.85	6,449.15	6,279.79	169.36	38.079		
17,200.00	7,261.73	7,239.41	7,239.00	290.21	30.91	-90.03	-2,388.43	-3,063.85	6,537.77	6,368.85	168.92	38.704		
17,300.00	7,261.91	7,239.84	7,239.43	293.04	30.91	-90.04	-2,388.43	-3,063.85	6,626.71	6,458.24	168.48	39.333		
17,400.00	7,262.09	7,240.27	7,239.86	295.88	30.91	-90.05	-2,388.43	-3,063.86	6,715.97	6,547.93	168.04	39.966		
17,500.00	7,262.26	7,240.70	7,240.29	298.72	30.91	-90.05	-2,388.44	-3,063.86	6,805.53	6,637.91	167.62	40.601		
17,600.00	7,262.44	7,241.13	7,240.72	301.56	30.91	-90.06	-2,388.44	-3,063.86	6,895.37	6,728.17	167.20	41.240		
17,700.00	7,262.62	7,241.56	7,241.15	304.40	30.92	-90.07	-2,388.44	-3,063.86	6,985.49	6,818.70	166.79	41.882		
17,800.00	7,262.80	7,241.99	7,241.58	307.24	30.92	-90.08	-2,388.45	-3,063.86	7,075.87	6,909.48	166.39	42.527		
17,900.00	7,262.97	7,242.42	7,242.02	310.08	30.92	-90.09	-2,388.45	-3,063.86	7,166.51	7,000.52	165.99	43.175		
18,000.00	7,263.15	7,242.86	7,242.45	312.92	30.92	-90.10	-2,388.45	-3,063.86	7,257.39	7,091.79	165.60	43.825		
18,100.00	7,263.33	7,243.29	7,242.88	315.76	30.92	-90.10	-2,388.46	-3,063.86	7,348.52	7,183.30	165.22	44.478		
18,200.00	7,263.50	7,243.72	7,243.31	318.61	30.92	-90.11	-2,388.46	-3,063.86	7,439.86	7,275.03	164.84	45.134		
18,300.00	7,263.68	7,244.15	7,243.74	321.45	30.93	-90.12	-2,388.46	-3,063.86	7,531.43	7,366.96	164.47	45.792		
18,400.00	7,263.86	7,244.58	7,244.17	324.29	30.93	-90.13	-2,388.47	-3,063.87	7,623.22	7,459.11	164.11	46.453		
18,500.00	7,264.04	7,245.01	7,244.60	327.13	30.93	-90.14	-2,388.47	-3,063.87	7,715.20	7,551.45	163.75	47.115		
18,600.00	7,264.21	7,245.44	7,245.03	329.97	30.93	-90.14	-2,388.47	-3,063.87	7,807.38	7,643.98	163.40	47.780		
18,700.00	7,264.39	7,245.87	7,245.46	332.82	30.93	-90.15	-2,388.48	-3,063.87	7,899.76	7,736.70	163.06	48.447		
18,800.00	7,264.57	7,246.30	7,245.89	335.66	30.94	-90.16	-2,388.48	-3,063.87	7,992.31	7,829.59	162.72	49.116		
18,900.00	7,264.74	7,246.73	7,246.32	338.51	30.94	-90.17	-2,388.48	-3,063.87	8,085.05	7,922.65	162.39	49.787		
19,000.00	7,264.92	7,247.17	7,246.76	341.35	30.94	-90.18	-2,388.49	-3,063.87	8,177.95	8,015.88	162.07	50.460		
19,044.52	7,265.00	7,247.36	7,246.95	342.62	30.94	-90.18	-2,388.49	-3,063.87	8,219.37	8,057.44	161.93	50.760		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	5.53	5.53	3.28	3.28	-123.39	-1,118.72	-1,697.58	2,033.06					
100.00	100.00	116.13	116.12	3.28	3.29	-123.38	-1,118.41	-1,697.40	2,032.77	2,026.19	6.57	309.195		
200.00	200.00	213.78	213.78	3.34	3.35	-123.39	-1,118.34	-1,696.93	2,032.32	2,025.62	6.69	303.718		
211.99	211.99	225.39	225.39	3.35	3.37	171.05	-1,118.35	-1,696.86	2,032.29	2,025.58	6.71	302.775		
300.00	299.98	310.43	310.43	3.44	3.46	171.05	-1,118.49	-1,696.42	2,033.69	2,026.78	6.91	294.366		
400.00	399.84	405.88	405.87	3.60	3.62	171.04	-1,118.74	-1,696.08	2,038.71	2,031.49	7.22	282.354		
500.00	499.45	508.60	508.59	3.81	3.82	171.05	-1,118.91	-1,695.81	2,047.19	2,039.56	7.63	268.205		
600.00	598.70	605.39	605.38	4.06	4.05	171.06	-1,118.90	-1,695.67	2,059.10	2,050.99	8.11	253.905		
700.00	697.47	692.28	692.27	4.34	4.28	171.07	-1,118.86	-1,695.92	2,074.77	2,066.15	8.62	240.644		
800.00	795.62	786.22	786.22	4.66	4.55	171.09	-1,119.01	-1,696.50	2,094.22	2,085.02	9.20	227.583		
824.00	819.08	810.04	810.03	4.75	4.62	171.10	-1,119.11	-1,696.64	2,099.42	2,090.06	9.36	224.381		
900.00	893.28	891.40	891.39	5.02	4.87	171.18	-1,119.19	-1,697.06	2,116.02	2,106.17	9.86	214.645		
1,000.00	990.92	989.86	989.85	5.40	5.19	171.28	-1,119.02	-1,697.52	2,137.67	2,127.15	10.52	203.120		
1,100.00	1,088.56	1,093.15	1,093.14	5.80	5.54	171.38	-1,118.95	-1,697.76	2,159.21	2,147.97	11.24	192.124		
1,200.00	1,186.19	1,182.47	1,182.46	6.21	5.85	171.45	-1,119.23	-1,697.78	2,180.77	2,168.84	11.93	182.823		
1,300.00	1,283.83	1,268.82	1,268.80	6.64	6.16	171.52	-1,119.75	-1,698.11	2,202.79	2,190.16	12.63	174.476		
1,400.00	1,381.47	1,363.05	1,363.03	7.08	6.50	171.60	-1,120.05	-1,699.10	2,225.20	2,211.83	13.37	166.452		
1,500.00	1,479.10	1,473.08	1,473.06	7.53	6.91	171.68	-1,120.89	-1,699.67	2,247.43	2,233.24	14.19	158.366		
1,600.00	1,576.74	1,586.06	1,586.03	7.99	7.34	171.76	-1,121.55	-1,699.43	2,268.96	2,253.91	15.04	150.844		
1,700.00	1,674.38	1,693.85	1,693.82	8.45	7.76	171.82	-1,121.93	-1,698.65	2,289.94	2,274.06	15.88	144.179		
1,800.00	1,772.02	1,770.10	1,770.07	8.92	8.05	171.88	-1,122.00	-1,698.42	2,311.15	2,294.55	16.60	139.262		
1,900.00	1,869.65	1,859.07	1,859.04	9.39	8.40	171.95	-1,122.13	-1,698.99	2,333.15	2,315.78	17.37	134.321		
2,000.00	1,967.29	1,959.29	1,959.25	9.87	8.80	172.02	-1,122.69	-1,699.37	2,355.17	2,336.96	18.20	129.396		
2,100.00	2,064.93	2,064.32	2,064.28	10.35	9.22	172.09	-1,123.21	-1,699.58	2,377.00	2,357.94	19.06	124.703		
2,200.00	2,162.56	2,163.24	2,163.20	10.83	9.61	172.15	-1,123.64	-1,699.48	2,398.56	2,378.66	19.90	120.540		
2,300.00	2,260.20	2,254.76	2,254.72	11.32	9.98	172.22	-1,123.70	-1,699.75	2,420.25	2,399.55	20.71	116.891		
2,400.00	2,357.84	2,351.63	2,351.59	11.80	10.37	172.28	-1,124.08	-1,700.11	2,442.18	2,420.64	21.54	113.373		
2,500.00	2,455.48	2,453.00	2,452.95	12.29	10.79	172.35	-1,124.58	-1,700.22	2,463.96	2,441.55	22.40	109.986		
2,600.00	2,553.11	2,552.95	2,552.91	12.78	11.19	172.40	-1,125.07	-1,700.23	2,485.65	2,462.39	23.26	106.862		
2,700.00	2,650.75	2,654.49	2,654.44	13.27	11.61	172.46	-1,125.45	-1,700.16	2,507.21	2,483.08	24.13	103.910		
2,800.00	2,748.39	2,749.20	2,749.16	13.77	12.00	172.52	-1,125.82	-1,699.97	2,528.68	2,503.72	24.97	101.287		
2,900.00	2,846.02	2,850.19	2,850.14	14.26	12.42	172.56	-1,126.56	-1,699.80	2,550.35	2,524.52	25.84	98.712		
3,000.00	2,943.66	2,951.45	2,951.39	14.76	12.84	172.61	-1,127.13	-1,699.24	2,571.62	2,544.91	26.71	96.278		
3,100.00	3,041.30	3,046.84	3,046.78	15.25	13.23	172.66	-1,127.48	-1,699.03	2,593.07	2,565.51	27.56	94.100		
3,200.00	3,138.94	3,141.26	3,141.21	15.75	13.62	172.71	-1,127.75	-1,698.82	2,614.47	2,586.07	28.40	92.061		
3,300.00	3,236.57	3,228.44	3,228.38	16.25	13.99	172.76	-1,128.06	-1,698.97	2,636.23	2,607.03	29.21	90.264		
3,400.00	3,334.21	3,321.46	3,321.41	16.75	14.37	172.82	-1,128.30	-1,699.49	2,658.28	2,628.23	30.04	88.480		
3,500.00	3,431.85	3,421.28	3,421.22	17.25	14.79	172.87	-1,128.81	-1,699.91	2,680.34	2,649.42	30.92	86.688		
3,600.00	3,529.48	3,517.57	3,517.51	17.75	15.19	172.93	-1,129.16	-1,700.33	2,702.34	2,670.56	31.78	85.040		
3,700.00	3,627.12	3,603.56	3,603.49	18.25	15.55	172.98	-1,129.55	-1,700.96	2,724.62	2,692.04	32.58	83.629		
3,800.00	3,724.76	3,707.73	3,707.66	18.75	15.99	173.03	-1,130.50	-1,701.51	2,746.99	2,713.50	33.48	82.042		
3,900.00	3,822.40	3,804.67	3,804.60	19.25	16.39	173.06	-1,131.62	-1,701.76	2,769.25	2,734.90	34.35	80.626		
4,000.00	3,920.03	3,893.93	3,893.85	19.75	16.77	173.10	-1,132.60	-1,702.19	2,791.66	2,756.49	35.17	79.378		
4,100.00	4,017.67	3,985.50	3,985.41	20.25	17.15	173.14	-1,133.33	-1,703.06	2,814.32	2,778.31	36.00	78.165		
4,200.00	4,115.31	4,081.81	4,081.71	20.76	17.56	173.20	-1,133.73	-1,704.34	2,837.10	2,800.24	36.87	76.954		
4,300.00	4,212.94	4,179.00	4,178.89	21.26	17.97	173.26	-1,134.03	-1,705.71	2,859.90	2,822.16	37.74	75.788		
4,400.00	4,310.58	4,318.04	4,317.91	21.76	18.55	173.37	-1,133.25	-1,707.39	2,882.15	2,843.31	38.84	74.208		
4,500.00	4,408.22	4,431.29	4,431.16	22.27	19.03	173.45	-1,132.00	-1,707.76	2,903.35	2,863.55	39.80	72.957		
4,600.00	4,505.86	4,534.25	4,534.11	22.77	19.46	173.52	-1,130.86	-1,707.45	2,924.01	2,883.31	40.70	71.850		
4,700.00	4,603.49	4,621.45	4,621.31	23.28	19.82	173.56	-1,130.41	-1,707.13	2,944.93	2,903.42	41.51	70.944		
4,800.00	4,701.13	4,725.87	4,725.72	23.78	20.26	173.63	-1,129.57	-1,707.06	2,965.95	2,923.53	42.42	69.917		
4,900.00	4,798.77	4,831.93	4,831.78	24.28	20.71	173.69	-1,128.54	-1,706.44	2,986.45	2,943.11	43.34	68.906		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,896.40	4,913.11	4,912.96	24.79	21.05	173.73	-1,128.21	-1,706.10	3,007.36	2,963.23	44.12	68.159		
5,100.00	4,994.04	5,024.02	5,023.86	25.30	21.51	173.78	-1,127.86	-1,705.37	3,028.12	2,983.05	45.07	67.185		
5,200.00	5,091.68	5,107.06	5,106.90	25.80	21.86	173.82	-1,127.39	-1,705.11	3,049.06	3,003.19	45.86	66.480		
5,300.00	5,189.32	5,199.38	5,199.22	26.31	22.25	173.87	-1,126.75	-1,705.22	3,070.31	3,023.60	46.71	65.733		
5,400.00	5,286.95	5,294.80	5,294.64	26.81	22.66	173.93	-1,126.03	-1,705.50	3,091.68	3,044.11	47.57	64.989		
5,500.00	5,384.59	5,389.63	5,389.46	27.32	23.06	173.98	-1,125.36	-1,705.85	3,113.13	3,064.70	48.43	64.279		
5,600.00	5,482.23	5,480.43	5,480.26	27.82	23.44	174.03	-1,124.85	-1,706.26	3,134.74	3,085.47	49.27	63.625		
5,700.00	5,579.87	5,584.17	5,584.00	28.33	23.88	174.09	-1,124.38	-1,706.74	3,156.40	3,106.22	50.18	62.900		
5,800.00	5,677.50	5,674.55	5,674.38	28.84	24.26	174.13	-1,123.98	-1,707.07	3,178.00	3,126.99	51.02	62.295		
5,900.00	5,775.14	5,777.42	5,777.24	29.34	24.70	174.19	-1,123.49	-1,707.64	3,199.74	3,147.82	51.92	61.624		
6,000.00	5,872.78	5,876.80	5,876.62	29.85	25.12	174.24	-1,122.94	-1,708.00	3,221.28	3,168.47	52.81	60.996		
6,100.00	5,970.41	5,963.48	5,963.31	30.36	25.48	174.28	-1,122.63	-1,708.34	3,242.95	3,189.33	53.62	60.475		
6,200.00	6,068.05	6,086.06	6,085.88	30.86	26.00	174.34	-1,122.43	-1,708.74	3,264.71	3,210.06	54.65	59.738		
6,300.00	6,165.69	6,166.56	6,166.38	31.37	26.34	174.37	-1,122.37	-1,708.54	3,285.99	3,230.56	55.43	59.285		
6,400.00	6,263.33	6,242.22	6,242.03	31.88	26.67	174.40	-1,122.55	-1,708.86	3,307.97	3,251.80	56.17	58.889		
6,500.00	6,360.96	6,320.31	6,320.13	32.38	27.00	174.42	-1,123.19	-1,709.48	3,330.54	3,273.61	56.93	58.501		
6,600.00	6,458.60	6,400.00	6,399.80	32.89	27.34	174.45	-1,123.82	-1,710.63	3,353.67	3,295.97	57.70	58.124		
6,628.42	6,486.35	6,432.06	6,431.86	33.04	27.47	174.46	-1,123.96	-1,711.23	3,360.29	3,302.32	57.98	57.961		
6,650.00	6,507.49	6,457.25	6,457.04	33.14	27.58	179.01	-1,123.95	-1,711.73	3,364.99	3,306.80	58.19	57.829		
6,700.00	6,556.88	6,516.22	6,515.99	33.37	27.83	-162.89	-1,123.56	-1,712.98	3,373.38	3,314.70	58.68	57.488		
6,750.00	6,606.60	6,566.66	6,566.42	33.58	28.04	-124.09	-1,122.95	-1,714.14	3,378.34	3,319.24	59.10	57.160		
6,800.00	6,656.35	6,656.47	6,656.19	33.76	28.43	-81.84	-1,121.36	-1,716.02	3,379.77	3,320.01	59.75	56.561		
6,850.00	6,705.83	6,728.10	6,727.81	33.94	28.73	-61.55	-1,119.82	-1,716.56	3,376.98	3,316.71	60.28	56.026		
6,900.00	6,754.72	6,766.85	6,766.55	34.12	28.89	-52.44	-1,119.14	-1,716.80	3,370.92	3,310.33	60.59	55.638		
6,950.00	6,802.72	6,806.70	6,806.40	34.31	29.06	-47.85	-1,118.60	-1,717.09	3,361.67	3,300.78	60.89	55.206		
7,000.00	6,849.54	6,857.37	6,857.06	34.50	29.28	-45.49	-1,117.93	-1,717.47	3,349.20	3,287.94	61.25	54.676		
7,050.00	6,894.89	6,907.87	6,907.55	34.71	29.49	-44.42	-1,117.15	-1,717.85	3,333.52	3,271.91	61.61	54.109		
7,100.00	6,938.49	6,965.00	6,964.67	34.93	29.74	-44.27	-1,116.08	-1,718.20	3,314.67	3,252.68	61.99	53.468		
7,150.00	6,980.07	7,019.42	7,019.07	35.17	29.97	-44.80	-1,114.84	-1,718.42	3,292.77	3,230.41	62.36	52.804		
7,200.00	7,019.38	7,056.33	7,055.98	35.43	30.12	-45.79	-1,113.99	-1,718.54	3,268.12	3,205.50	62.62	52.188		
7,250.00	7,056.17	7,094.57	7,094.21	35.71	30.29	-47.34	-1,113.10	-1,718.64	3,240.90	3,178.00	62.90	51.527		
7,300.00	7,090.21	7,128.95	7,128.57	36.03	30.43	-49.39	-1,112.31	-1,718.72	3,211.32	3,148.17	63.16	50.846		
7,350.00	7,121.30	7,160.19	7,159.80	36.37	30.57	-51.96	-1,111.59	-1,718.80	3,179.61	3,116.20	63.41	50.141		
7,400.00	7,149.25	7,188.28	7,187.89	36.75	30.69	-55.08	-1,110.94	-1,718.86	3,145.99	3,082.33	63.67	49.412		
7,450.00	7,173.87	7,213.05	7,212.65	37.17	30.79	-58.74	-1,110.37	-1,718.92	3,110.70	3,046.77	63.93	48.660		
7,500.00	7,195.03	7,234.35	7,233.95	37.62	30.88	-62.98	-1,109.88	-1,718.97	3,073.98	3,009.79	64.19	47.887		
7,550.00	7,212.58	7,252.05	7,251.64	38.11	30.96	-67.75	-1,109.47	-1,719.01	3,036.08	2,971.62	64.47	47.095		
7,600.00	7,226.43	7,266.03	7,265.62	38.64	31.02	-73.03	-1,109.14	-1,719.04	2,997.27	2,932.52	64.75	46.287		
7,650.00	7,236.48	7,276.21	7,275.80	39.20	31.06	-78.69	-1,108.91	-1,719.06	2,957.80	2,892.75	65.06	45.466		
7,700.00	7,242.68	7,282.54	7,282.12	39.79	31.09	-84.61	-1,108.76	-1,719.08	2,917.94	2,852.57	65.37	44.636		
7,753.32	7,245.00	7,284.98	7,284.57	40.44	31.10	-91.01	-1,108.71	-1,719.08	2,875.29	2,809.56	65.73	43.746		
7,800.00	7,245.08	7,285.17	7,284.76	41.04	31.10	-91.02	-1,108.70	-1,719.08	2,838.12	2,772.06	66.06	42.964		
7,900.00	7,245.26	7,285.58	7,285.17	42.43	31.10	-91.03	-1,108.69	-1,719.08	2,759.45	2,692.57	66.88	41.259		
8,000.00	7,245.43	7,285.99	7,285.57	43.97	31.10	-91.04	-1,108.68	-1,719.09	2,682.21	2,614.34	67.87	39.522		
8,100.00	7,245.61	7,286.40	7,285.98	45.64	31.10	-91.06	-1,108.67	-1,719.09	2,606.51	2,537.49	69.02	37.762		
8,200.00	7,245.79	7,286.81	7,286.39	47.42	31.11	-91.07	-1,108.66	-1,719.09	2,532.50	2,462.13	70.37	35.990		
8,300.00	7,245.97	7,287.22	7,286.80	49.30	31.11	-91.09	-1,108.66	-1,719.09	2,460.33	2,388.43	71.90	34.219		
8,400.00	7,246.14	7,287.63	7,287.21	51.28	31.11	-91.10	-1,108.65	-1,719.09	2,390.16	2,316.53	73.63	32.461		
8,500.00	7,246.32	7,288.04	7,287.62	53.34	31.11	-91.11	-1,108.64	-1,719.09	2,322.19	2,246.62	75.57	30.731		
8,600.00	7,246.50	7,288.45	7,288.03	55.46	31.11	-91.13	-1,108.63	-1,719.09	2,256.59	2,178.89	77.71	29.040		
8,700.00	7,246.67	7,288.86	7,288.44	57.66	31.12	-91.14	-1,108.62	-1,719.09	2,193.60	2,113.55	80.05	27.403		
8,800.00	7,246.85	7,289.26	7,288.85	59.90	31.12	-91.15	-1,108.61	-1,719.09	2,133.43	2,050.84	82.59	25.831		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,900.00	7,247.03	7,289.67	7,289.26	62.20	31.12	-91.17	-1,108.60	-1,719.09	2,076.34	1,991.02	85.33	24.334		
9,000.00	7,247.21	7,290.08	7,289.67	64.55	31.12	-91.18	-1,108.59	-1,719.09	2,022.59	1,934.35	88.24	22.922		
9,100.00	7,247.38	7,290.49	7,290.07	66.93	31.12	-91.19	-1,108.58	-1,719.10	1,972.44	1,881.13	91.31	21.601		
9,200.00	7,247.56	7,290.90	7,290.48	69.35	31.12	-91.21	-1,108.57	-1,719.10	1,926.18	1,831.66	94.52	20.378		
9,300.00	7,247.74	7,291.31	7,290.89	71.80	31.13	-91.22	-1,108.56	-1,719.10	1,884.10	1,786.26	97.85	19.256		
9,400.00	7,247.91	7,291.72	7,291.30	74.29	31.13	-91.23	-1,108.55	-1,719.10	1,846.48	1,745.24	101.24	18.238		
9,500.00	7,248.09	7,292.13	7,291.71	76.79	31.13	-91.25	-1,108.54	-1,719.10	1,813.60	1,708.93	104.67	17.326		
9,600.00	7,248.27	7,292.54	7,292.12	79.33	31.13	-91.26	-1,108.53	-1,719.10	1,785.73	1,677.63	108.10	16.520		
9,700.00	7,248.45	7,292.95	7,292.53	81.88	31.13	-91.28	-1,108.52	-1,719.10	1,763.09	1,651.62	111.46	15.817		
9,800.00	7,248.62	7,293.36	7,292.94	84.45	31.13	-91.29	-1,108.51	-1,719.10	1,745.89	1,631.16	114.73	15.218		
9,900.00	7,248.80	7,293.77	7,293.35	87.04	31.14	-91.30	-1,108.50	-1,719.10	1,734.30	1,616.46	117.84	14.718		
10,000.00	7,248.98	7,294.17	7,293.76	89.65	31.14	-91.32	-1,108.49	-1,719.10	1,728.42	1,607.67	120.75	14.314		
10,051.71	7,249.07	7,294.39	7,293.97	91.01	31.14	-91.32	-1,108.49	-1,719.10	1,727.65	1,605.48	122.17	14.141 CC		
10,100.00	7,249.15	7,294.58	7,294.17	92.28	31.14	-91.33	-1,108.49	-1,719.11	1,728.32	1,604.89	123.43	14.002 ES		
10,200.00	7,249.33	7,294.99	7,294.57	94.91	31.14	-91.34	-1,108.48	-1,719.11	1,734.00	1,608.16	125.84	13.779		
10,300.00	7,249.51	7,295.40	7,294.98	97.56	31.14	-91.36	-1,108.47	-1,719.11	1,745.40	1,617.43	127.97	13.640		
10,400.00	7,249.69	7,295.81	7,295.39	100.22	31.14	-91.37	-1,108.46	-1,719.11	1,762.41	1,632.62	129.79	13.579 SF		
10,500.00	7,249.86	7,296.22	7,295.80	102.89	31.15	-91.38	-1,108.45	-1,719.11	1,784.86	1,653.56	131.30	13.593		
10,600.00	7,250.04	7,296.63	7,296.21	105.57	31.15	-91.40	-1,108.44	-1,719.11	1,812.56	1,680.04	132.52	13.677		
10,700.00	7,250.22	7,297.04	7,296.62	108.27	31.15	-91.41	-1,108.43	-1,719.11	1,845.28	1,711.82	133.46	13.826		
10,800.00	7,250.39	7,297.45	7,297.03	110.96	31.15	-91.42	-1,108.42	-1,719.11	1,882.74	1,748.61	134.13	14.037		
10,900.00	7,250.57	7,297.86	7,297.44	113.67	31.15	-91.44	-1,108.41	-1,719.11	1,924.67	1,790.11	134.56	14.303		
11,000.00	7,250.75	7,298.27	7,297.85	116.39	31.16	-91.45	-1,108.40	-1,719.11	1,970.79	1,836.01	134.78	14.623		
11,100.00	7,250.93	7,298.68	7,298.26	119.11	31.16	-91.47	-1,108.39	-1,719.11	2,020.81	1,886.00	134.80	14.991		
11,200.00	7,251.10	7,299.09	7,298.67	121.83	31.16	-91.48	-1,108.38	-1,719.12	2,074.44	1,939.78	134.67	15.404		
11,300.00	7,251.28	7,299.49	7,299.07	124.57	31.16	-91.49	-1,108.37	-1,719.12	2,131.42	1,997.03	134.39	15.860		
11,400.00	7,251.46	7,299.90	7,299.48	127.31	31.16	-91.51	-1,108.36	-1,719.12	2,191.49	2,057.48	134.00	16.354		
11,500.00	7,251.63	7,300.31	7,299.89	130.05	31.16	-91.52	-1,108.35	-1,719.12	2,254.39	2,120.87	133.52	16.884		
11,600.00	7,251.81	7,300.72	7,300.30	132.80	31.17	-91.53	-1,108.34	-1,719.12	2,319.90	2,186.93	132.97	17.447		
11,700.00	7,251.99	7,301.13	7,300.71	135.55	31.17	-91.55	-1,108.33	-1,719.12	2,387.80	2,255.45	132.35	18.041		
11,800.00	7,252.17	7,301.54	7,301.12	138.31	31.17	-91.56	-1,108.32	-1,719.12	2,457.89	2,326.20	131.69	18.664		
11,900.00	7,252.34	7,301.95	7,301.53	141.07	31.17	-91.57	-1,108.32	-1,719.12	2,530.00	2,398.99	131.00	19.312		
12,000.00	7,252.52	7,302.36	7,301.94	143.84	31.17	-91.59	-1,108.31	-1,719.12	2,603.95	2,473.65	130.29	19.986		
12,100.00	7,252.70	7,302.77	7,302.35	146.61	31.17	-91.60	-1,108.30	-1,719.12	2,679.59	2,550.02	129.57	20.681		
12,200.00	7,252.87	7,303.18	7,302.76	149.38	31.18	-91.61	-1,108.29	-1,719.12	2,756.78	2,627.95	128.83	21.398		
12,300.00	7,253.05	7,303.59	7,303.17	152.16	31.18	-91.63	-1,108.28	-1,719.13	2,835.40	2,707.30	128.10	22.134		
12,400.00	7,253.23	7,304.00	7,303.57	154.94	31.18	-91.64	-1,108.27	-1,719.13	2,915.33	2,787.96	127.37	22.888		
12,500.00	7,253.41	7,304.41	7,303.98	157.72	31.18	-91.66	-1,108.26	-1,719.13	2,996.46	2,869.81	126.65	23.659		
12,600.00	7,253.58	7,304.81	7,304.39	160.51	31.18	-91.67	-1,108.25	-1,719.13	3,078.71	2,952.77	125.94	24.446		
12,700.00	7,253.76	7,305.22	7,304.80	163.29	31.19	-91.68	-1,108.24	-1,719.13	3,161.97	3,036.73	125.24	25.247		
12,800.00	7,253.94	7,305.63	7,305.21	166.08	31.19	-91.70	-1,108.23	-1,719.13	3,246.19	3,121.63	124.56	26.062		
12,900.00	7,254.11	7,306.04	7,305.62	168.88	31.19	-91.71	-1,108.22	-1,719.13	3,331.27	3,207.38	123.89	26.889		
13,000.00	7,254.29	7,306.45	7,306.03	171.67	31.19	-91.72	-1,108.21	-1,719.13	3,417.17	3,293.92	123.24	27.728		
13,100.00	7,254.47	7,306.86	7,306.44	174.47	31.19	-91.74	-1,108.20	-1,719.13	3,503.81	3,381.20	122.61	28.577		
13,200.00	7,254.65	7,307.27	7,306.85	177.27	31.19	-91.75	-1,108.19	-1,719.13	3,591.14	3,469.15	121.99	29.437		
13,300.00	7,254.82	7,307.68	7,307.26	180.07	31.20	-91.76	-1,108.18	-1,719.14	3,679.13	3,557.73	121.40	30.307		
13,400.00	7,255.00	7,308.09	7,307.67	182.87	31.20	-91.78	-1,108.17	-1,719.14	3,767.71	3,646.89	120.82	31.185		
13,500.00	7,255.18	7,308.50	7,308.07	185.67	31.20	-91.79	-1,108.16	-1,719.14	3,856.85	3,736.59	120.26	32.072		
13,600.00	7,255.35	7,308.91	7,308.48	188.48	31.20	-91.80	-1,108.15	-1,719.14	3,946.50	3,826.79	119.71	32.966		
13,700.00	7,255.53	7,309.32	7,308.89	191.29	31.20	-91.82	-1,108.15	-1,719.14	4,036.65	3,917.46	119.19	33.867		
13,800.00	7,255.71	7,309.72	7,309.30	194.10	31.20	-91.83	-1,108.14	-1,719.14	4,127.25	4,008.57	118.68	34.776		
13,900.00	7,255.89	7,310.13	7,309.71	196.91	31.21	-91.85	-1,108.13	-1,719.14	4,218.27	4,100.08	118.19	35.690		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,000.00	7,256.06	7,310.54	7,310.12	199.72	31.21	-91.86	-1,108.12	-1,719.14	4,309.70	4,191.98	117.72	36.611		
14,100.00	7,256.24	7,310.95	7,310.53	202.53	31.21	-91.87	-1,108.11	-1,719.14	4,401.49	4,284.23	117.26	37.537		
14,200.00	7,256.42	7,311.36	7,310.94	205.35	31.21	-91.89	-1,108.10	-1,719.14	4,493.64	4,376.82	116.81	38.468		
14,300.00	7,256.59	7,311.77	7,311.35	208.16	31.21	-91.90	-1,108.09	-1,719.14	4,586.11	4,469.72	116.39	39.404		
14,400.00	7,256.77	7,312.18	7,311.76	210.98	31.21	-91.91	-1,108.08	-1,719.15	4,678.89	4,562.92	115.97	40.345		
14,500.00	7,256.95	7,312.59	7,312.17	213.80	31.22	-91.93	-1,108.07	-1,719.15	4,771.97	4,656.40	115.57	41.290		
14,600.00	7,257.13	7,313.00	7,312.58	216.62	31.22	-91.94	-1,108.06	-1,719.15	4,865.32	4,750.13	115.19	42.238		
14,700.00	7,257.30	7,313.41	7,312.98	219.44	31.22	-91.95	-1,108.05	-1,719.15	4,958.93	4,844.12	114.81	43.191		
14,800.00	7,257.48	7,313.82	7,313.39	222.26	31.22	-91.97	-1,108.04	-1,719.15	5,052.78	4,938.33	114.45	44.147		
14,900.00	7,257.66	7,314.23	7,313.80	225.08	31.22	-91.98	-1,108.03	-1,719.15	5,146.87	5,032.76	114.11	45.106		
15,000.00	7,257.83	7,314.64	7,314.21	227.91	31.23	-91.99	-1,108.02	-1,719.15	5,241.17	5,127.40	113.77	46.068		
15,100.00	7,258.01	7,315.04	7,314.62	230.73	31.23	-92.01	-1,108.01	-1,719.15	5,335.69	5,222.24	113.45	47.032		
15,200.00	7,258.19	7,315.45	7,315.03	233.56	31.23	-92.02	-1,108.00	-1,719.15	5,430.39	5,317.26	113.13	48.000		
15,300.00	7,258.37	7,315.86	7,315.44	236.38	31.23	-92.04	-1,107.99	-1,719.15	5,525.29	5,412.46	112.83	48.969		
15,400.00	7,258.54	7,316.27	7,315.85	239.21	31.23	-92.05	-1,107.98	-1,719.16	5,620.36	5,507.82	112.54	49.941		
15,500.00	7,258.72	7,316.68	7,316.26	242.04	31.23	-92.06	-1,107.97	-1,719.16	5,715.60	5,603.34	112.26	50.915		
15,600.00	7,258.90	7,317.09	7,316.67	244.87	31.24	-92.08	-1,107.97	-1,719.16	5,811.00	5,699.02	111.99	51.891		
15,700.00	7,259.08	7,317.50	7,317.08	247.70	31.24	-92.09	-1,107.96	-1,719.16	5,906.55	5,794.83	111.72	52.868		
15,800.00	7,259.25	7,317.91	7,317.48	250.53	31.24	-92.10	-1,107.95	-1,719.16	6,002.25	5,890.78	111.47	53.847		
15,900.00	7,259.43	7,318.32	7,317.89	253.36	31.24	-92.12	-1,107.94	-1,719.16	6,098.09	5,986.86	111.22	54.828		
16,000.00	7,259.61	7,318.73	7,318.30	256.19	31.24	-92.13	-1,107.93	-1,719.16	6,194.05	6,083.07	110.99	55.810		
16,100.00	7,259.78	7,319.14	7,318.71	259.02	31.24	-92.14	-1,107.92	-1,719.16	6,290.15	6,179.39	110.76	56.793		
16,200.00	7,259.96	7,319.55	7,319.12	261.85	31.25	-92.16	-1,107.91	-1,719.16	6,386.36	6,275.82	110.53	57.777		
16,300.00	7,260.14	7,319.96	7,319.53	264.68	31.25	-92.17	-1,107.90	-1,719.16	6,482.69	6,372.36	110.32	58.762		
16,400.00	7,260.32	7,320.36	7,319.94	267.52	31.25	-92.18	-1,107.89	-1,719.16	6,579.12	6,469.01	110.11	59.748		
16,500.00	7,260.49	7,320.77	7,320.35	270.35	31.25	-92.20	-1,107.88	-1,719.17	6,675.66	6,565.75	109.92	60.734		
16,600.00	7,260.67	7,321.18	7,320.76	273.19	31.25	-92.21	-1,107.87	-1,719.17	6,772.30	6,662.58	109.72	61.722		
16,700.00	7,260.85	7,321.59	7,321.17	276.02	31.25	-92.23	-1,107.86	-1,719.17	6,869.04	6,759.51	109.54	62.710		
16,800.00	7,261.02	7,322.00	7,321.58	278.86	31.26	-92.24	-1,107.85	-1,719.17	6,965.87	6,856.51	109.36	63.698		
16,900.00	7,261.20	7,322.41	7,321.98	281.69	31.26	-92.25	-1,107.84	-1,719.17	7,062.79	6,953.61	109.18	64.687		
17,000.00	7,261.38	7,322.82	7,322.39	284.53	31.26	-92.27	-1,107.83	-1,719.17	7,159.79	7,050.78	109.02	65.675		
17,100.00	7,261.56	7,323.23	7,322.80	287.37	31.26	-92.28	-1,107.82	-1,719.17	7,256.88	7,148.02	108.86	66.665		
17,200.00	7,261.73	7,323.64	7,323.21	290.21	31.26	-92.29	-1,107.81	-1,719.17	7,354.04	7,245.34	108.70	67.654		
17,300.00	7,261.91	7,324.05	7,323.62	293.04	31.27	-92.31	-1,107.80	-1,719.17	7,451.28	7,342.73	108.55	68.643		
17,400.00	7,262.09	7,324.46	7,324.03	295.88	31.27	-92.32	-1,107.80	-1,719.17	7,548.59	7,440.18	108.41	69.633		
17,500.00	7,262.26	7,324.87	7,324.44	298.72	31.27	-92.33	-1,107.79	-1,719.17	7,645.97	7,537.70	108.27	70.622		
17,600.00	7,262.44	7,325.27	7,324.85	301.56	31.27	-92.35	-1,107.78	-1,719.18	7,743.41	7,635.28	108.13	71.611		
17,700.00	7,262.62	7,325.68	7,325.26	304.40	31.27	-92.36	-1,107.77	-1,719.18	7,840.92	7,732.92	108.00	72.600		
17,800.00	7,262.80	7,326.09	7,325.67	307.24	31.27	-92.37	-1,107.76	-1,719.18	7,938.50	7,830.62	107.88	73.589		
17,900.00	7,262.97	7,326.50	7,326.08	310.08	31.28	-92.39	-1,107.75	-1,719.18	8,036.13	7,928.37	107.76	74.577		
18,000.00	7,263.15	7,326.91	7,326.48	312.92	31.28	-92.40	-1,107.74	-1,719.18	8,133.82	8,026.18	107.64	75.565		
18,100.00	7,263.33	7,327.32	7,326.89	315.76	31.28	-92.42	-1,107.73	-1,719.18	8,231.56	8,124.03	107.53	76.553		
18,200.00	7,263.50	7,327.73	7,327.30	318.61	31.28	-92.43	-1,107.72	-1,719.18	8,329.36	8,221.94	107.42	77.540		
18,300.00	7,263.68	7,328.14	7,327.71	321.45	31.28	-92.44	-1,107.71	-1,719.18	8,427.21	8,319.89	107.32	78.526		
18,400.00	7,263.86	7,328.55	7,328.12	324.29	31.28	-92.46	-1,107.70	-1,719.18	8,525.11	8,417.89	107.22	79.512		
18,500.00	7,264.04	7,328.96	7,328.53	327.13	31.29	-92.47	-1,107.69	-1,719.18	8,623.06	8,515.94	107.12	80.498		
18,600.00	7,264.21	7,329.37	7,328.94	329.97	31.29	-92.48	-1,107.68	-1,719.19	8,721.05	8,614.02	107.03	81.482		
18,700.00	7,264.39	7,329.78	7,329.35	332.82	31.29	-92.50	-1,107.67	-1,719.19	8,819.09	8,712.15	106.94	82.466		
18,800.00	7,264.57	7,330.19	7,329.76	335.66	31.29	-92.51	-1,107.66	-1,719.19	8,917.18	8,810.32	106.86	83.449		
18,900.00	7,264.74	7,330.59	7,330.17	338.51	31.29	-92.52	-1,107.65	-1,719.19	9,015.30	8,908.52	106.78	84.431		
19,000.00	7,264.92	7,331.00	7,330.58	341.35	31.30	-92.54	-1,107.64	-1,719.19	9,113.47	9,006.77	106.70	85.413		
19,044.52	7,265.00	7,331.19	7,330.76	342.62	31.30	-92.54	-1,107.64	-1,719.19	9,157.18	9,050.52	106.67	85.849		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-140.31	-889.62	-738.37	1,156.28					
100.00	100.00	81.00	81.00	3.28	3.57	-140.31	-889.62	-738.37	1,156.13	1,149.27	6.86	168.618		
200.00	200.00	181.00	181.00	3.34	5.63	-140.31	-889.62	-738.37	1,156.13	1,147.16	8.96	128.962 CC		
300.00	299.98	280.98	280.98	3.44	8.71	154.16	-889.62	-738.37	1,157.70	1,145.55	12.15	95.291 ES		
400.00	399.84	380.84	380.84	3.60	12.01	154.23	-889.62	-738.37	1,162.41	1,146.80	15.61	74.468		
500.00	499.45	480.45	480.45	3.81	15.38	154.34	-889.62	-738.37	1,170.27	1,151.08	19.19	60.980		
600.00	598.70	579.70	579.70	4.06	18.78	154.51	-889.62	-738.37	1,181.28	1,158.44	22.84	51.721		
700.00	697.47	678.47	678.47	4.34	22.18	154.71	-889.62	-738.37	1,195.44	1,168.91	26.53	45.065		
800.00	795.62	776.62	776.62	4.66	25.58	154.94	-889.62	-738.37	1,212.76	1,182.53	30.24	40.108		
824.00	819.08	800.08	800.08	4.75	26.39	155.00	-889.62	-738.37	1,217.39	1,186.26	31.13	39.102		
900.00	893.28	874.28	874.28	5.02	28.96	155.32	-889.62	-738.37	1,232.36	1,198.40	33.96	36.286		
1,000.00	990.92	971.92	971.92	5.40	32.35	155.73	-889.62	-738.37	1,252.11	1,214.40	37.71	33.207		
1,100.00	1,088.56	1,069.56	1,069.56	5.80	35.74	156.13	-889.62	-738.37	1,271.92	1,230.44	41.47	30.670		
1,200.00	1,186.19	1,167.19	1,167.19	6.21	39.14	156.52	-889.62	-738.37	1,291.78	1,246.53	45.25	28.546		
1,300.00	1,283.83	1,264.83	1,264.83	6.64	42.54	156.89	-889.62	-738.37	1,311.70	1,262.65	49.05	26.743		
1,400.00	1,381.47	1,362.47	1,362.47	7.08	45.94	157.26	-889.62	-738.37	1,331.68	1,278.82	52.86	25.195		
1,500.00	1,479.10	1,460.10	1,460.10	7.53	49.34	157.61	-889.62	-738.37	1,351.70	1,295.03	56.67	23.852		
1,600.00	1,576.74	1,557.74	1,557.74	7.99	52.74	157.95	-889.62	-738.37	1,371.77	1,311.28	60.49	22.676		
1,700.00	1,674.38	1,655.38	1,655.38	8.45	56.14	158.29	-889.62	-738.37	1,391.89	1,327.57	64.32	21.639		
1,800.00	1,772.02	1,753.02	1,753.02	8.92	59.54	158.61	-889.62	-738.37	1,412.06	1,343.90	68.16	20.717		
1,900.00	1,869.65	1,850.65	1,850.65	9.39	62.95	158.92	-889.62	-738.37	1,432.26	1,360.26	72.00	19.893		
2,000.00	1,967.29	1,948.29	1,948.29	9.87	66.35	159.23	-889.62	-738.37	1,452.51	1,376.66	75.84	19.152		
2,100.00	2,064.93	2,045.93	2,045.93	10.35	69.76	159.53	-889.62	-738.37	1,472.79	1,393.10	79.69	18.482		
2,200.00	2,162.56	2,143.56	2,143.56	10.83	73.16	159.82	-889.62	-738.37	1,493.11	1,409.57	83.54	17.874		
2,300.00	2,260.20	2,241.20	2,241.20	11.32	76.57	160.10	-889.62	-738.37	1,513.47	1,426.08	87.39	17.319		
2,400.00	2,357.84	2,338.84	2,338.84	11.80	79.97	160.37	-889.62	-738.37	1,533.86	1,442.62	91.24	16.811		
2,500.00	2,455.48	2,436.48	2,436.48	12.29	83.38	160.64	-889.62	-738.37	1,554.28	1,459.19	95.10	16.344		
2,600.00	2,553.11	2,534.11	2,534.11	12.78	86.78	160.90	-889.62	-738.37	1,574.74	1,475.78	98.96	15.914		
2,700.00	2,650.75	2,631.75	2,631.75	13.27	90.19	161.15	-889.62	-738.37	1,595.23	1,492.41	102.81	15.516		
2,800.00	2,748.39	2,729.39	2,729.39	13.77	93.60	161.40	-889.62	-738.37	1,615.74	1,509.07	106.67	15.146		
2,900.00	2,846.02	2,827.02	2,827.02	14.26	97.00	161.64	-889.62	-738.37	1,636.28	1,525.75	110.54	14.803		
3,000.00	2,943.66	2,924.66	2,924.66	14.76	100.41	161.87	-889.62	-738.37	1,656.86	1,542.46	114.40	14.483		
3,100.00	3,041.30	3,022.30	3,022.30	15.25	103.81	162.10	-889.62	-738.37	1,677.45	1,559.19	118.26	14.184		
3,200.00	3,138.94	3,119.94	3,119.94	15.75	107.22	162.33	-889.62	-738.37	1,698.07	1,575.95	122.13	13.904		
3,300.00	3,236.57	3,217.57	3,217.57	16.25	110.63	162.55	-889.62	-738.37	1,718.72	1,592.73	125.99	13.642		
3,400.00	3,334.21	3,315.21	3,315.21	16.75	114.04	162.76	-889.62	-738.37	1,739.39	1,609.53	129.86	13.395		
3,500.00	3,431.85	3,412.85	3,412.85	17.25	117.44	162.97	-889.62	-738.37	1,760.08	1,626.36	133.72	13.162		
3,600.00	3,529.48	3,510.48	3,510.48	17.75	120.85	163.17	-889.62	-738.37	1,780.80	1,643.21	137.59	12.943		
3,700.00	3,627.12	3,608.12	3,608.12	18.25	124.26	163.37	-889.62	-738.37	1,801.53	1,660.08	141.46	12.736		
3,800.00	3,724.76	3,705.76	3,705.76	18.75	127.66	163.56	-889.62	-738.37	1,822.29	1,676.96	145.32	12.539		
3,900.00	3,822.40	3,803.40	3,803.40	19.25	131.07	163.75	-889.62	-738.37	1,843.06	1,693.87	149.19	12.354		
4,000.00	3,920.03	3,901.03	3,901.03	19.75	134.48	163.94	-889.62	-738.37	1,863.86	1,710.80	153.06	12.177		
4,100.00	4,017.67	4,001.33	3,998.67	20.25	137.98	164.12	-889.62	-738.37	1,884.67	1,727.65	157.02	12.002		
4,200.00	4,115.31	4,103.69	4,096.31	20.76	141.55	164.30	-889.62	-738.37	1,905.50	1,744.44	161.06	11.831		
4,300.00	4,212.94	4,206.06	4,193.94	21.26	145.13	164.47	-889.62	-738.37	1,926.35	1,761.26	165.09	11.668		
4,400.00	4,310.58	4,308.42	4,291.58	21.76	148.70	164.64	-889.62	-738.37	1,947.21	1,778.09	169.13	11.513		
4,500.00	4,408.22	4,389.22	4,389.22	22.27	151.52	164.81	-889.62	-738.37	1,968.09	1,795.68	172.41	11.415		
4,600.00	4,505.86	4,486.86	4,486.86	22.77	154.93	164.97	-889.62	-738.37	1,988.99	1,812.71	176.28	11.283		
4,700.00	4,603.49	4,584.49	4,584.49	23.28	158.33	165.13	-889.62	-738.37	2,009.90	1,829.75	180.15	11.157		
4,800.00	4,701.13	4,682.13	4,682.13	23.78	161.74	165.29	-889.62	-738.37	2,030.82	1,846.80	184.02	11.036		
4,900.00	4,798.77	4,779.77	4,779.77	24.28	165.15	165.44	-889.62	-738.37	2,051.76	1,863.87	187.89	10.920		
5,000.00	4,896.40	4,877.40	4,877.40	24.79	168.56	165.59	-889.62	-738.37	2,072.72	1,880.95	191.76	10.809		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	4,975.04	4,975.04	25.30	171.96	165.74	-889.62	-738.37	2,093.68	1,898.05	195.64	10.702		
5,200.00	5,091.68	5,072.68	5,072.68	25.80	175.37	165.88	-889.62	-738.37	2,114.66	1,915.16	199.51	10.599		
5,300.00	5,189.32	5,170.32	5,170.32	26.31	178.78	166.02	-889.62	-738.37	2,135.66	1,932.28	203.38	10.501		
5,400.00	5,286.95	5,267.95	5,267.95	26.81	182.19	166.16	-889.62	-738.37	2,156.66	1,949.41	207.25	10.406		
5,500.00	5,384.59	5,365.59	5,365.59	27.32	185.60	166.29	-889.62	-738.37	2,177.68	1,966.55	211.12	10.315		
5,600.00	5,482.23	5,463.23	5,463.23	27.82	189.00	166.43	-889.62	-738.37	2,198.71	1,983.71	215.00	10.227		
5,700.00	5,579.87	5,560.87	5,560.87	28.33	192.41	166.56	-889.62	-738.37	2,219.74	2,000.88	218.87	10.142		
5,800.00	5,677.50	5,658.50	5,658.50	28.84	195.82	166.69	-889.62	-738.37	2,240.79	2,018.05	222.74	10.060		
5,900.00	5,775.14	5,756.14	5,756.14	29.34	199.23	166.81	-889.62	-738.37	2,261.86	2,035.24	226.61	9.981		
6,000.00	5,872.78	5,853.78	5,853.78	29.85	202.64	166.94	-889.62	-738.37	2,282.93	2,052.44	230.49	9.905		
6,100.00	5,970.41	5,951.41	5,951.41	30.36	206.04	167.06	-889.62	-738.37	2,304.01	2,069.65	234.36	9.831		
6,200.00	6,068.05	6,049.05	6,049.05	30.86	209.45	167.18	-889.62	-738.37	2,325.10	2,086.86	238.23	9.760		
6,300.00	6,165.69	6,146.69	6,146.69	31.37	212.86	167.29	-889.62	-738.37	2,346.20	2,104.09	242.11	9.691		
6,400.00	6,263.33	6,244.33	6,244.33	31.88	216.27	167.41	-889.62	-738.37	2,367.31	2,121.33	245.98	9.624		
6,500.00	6,360.96	6,341.96	6,341.96	32.38	219.68	167.52	-889.62	-738.37	2,388.42	2,138.57	249.85	9.559		
6,600.00	6,458.60	6,439.60	6,439.60	32.89	223.09	167.63	-889.62	-738.37	2,409.55	2,155.82	253.73	9.497		
6,628.42	6,486.35	6,467.35	6,467.35	33.04	224.05	167.66	-889.62	-738.37	2,415.56	2,160.73	254.83	9.479		
6,650.00	6,507.49	6,488.49	6,488.49	33.14	224.79	172.23	-889.62	-738.37	2,419.83	2,164.17	255.66	9.465		
6,700.00	6,556.88	6,537.88	6,537.88	33.37	226.52	-169.63	-889.62	-738.37	2,427.53	2,169.92	257.61	9.423		
6,750.00	6,606.60	6,587.60	6,587.60	33.58	228.25	-130.83	-889.62	-738.37	2,432.10	2,172.55	259.55	9.370		
6,800.00	6,656.35	6,637.35	6,637.35	33.76	229.99	-88.56	-889.62	-738.37	2,433.53	2,172.04	261.49	9.307		
6,850.00	6,705.83	6,686.83	6,686.83	33.94	231.72	-68.27	-889.62	-738.37	2,431.81	2,168.42	263.40	9.233		
6,900.00	6,754.72	6,735.72	6,735.72	34.12	233.42	-59.25	-889.62	-738.37	2,426.99	2,161.71	265.27	9.149		
6,950.00	6,802.72	6,783.72	6,783.72	34.31	235.10	-54.80	-889.62	-738.37	2,419.11	2,151.99	267.11	9.056		
7,000.00	6,849.54	6,830.54	6,830.54	34.50	236.73	-52.57	-889.62	-738.37	2,408.25	2,139.35	268.90	8.956		
7,050.00	6,894.89	6,875.89	6,875.89	34.71	238.31	-51.64	-889.62	-738.37	2,394.53	2,123.89	270.64	8.848		
7,100.00	6,938.49	6,919.49	6,919.49	34.93	239.84	-51.58	-889.62	-738.37	2,378.06	2,105.75	272.31	8.733		
7,150.00	6,980.07	6,961.07	6,961.07	35.17	241.29	-52.19	-889.62	-738.37	2,359.00	2,085.10	273.91	8.612		
7,200.00	7,019.38	7,000.38	7,000.38	35.43	242.66	-53.36	-889.62	-738.37	2,337.52	2,062.09	275.43	8.487		
7,250.00	7,056.17	7,037.17	7,037.17	35.71	243.94	-55.02	-889.62	-738.37	2,313.80	2,036.93	276.88	8.357		
7,300.00	7,090.21	7,071.21	7,071.21	36.03	245.13	-57.13	-889.62	-738.37	2,288.06	2,009.82	278.24	8.223		
7,350.00	7,121.30	7,102.30	7,102.30	36.37	246.22	-59.67	-889.62	-738.37	2,260.51	1,980.99	279.52	8.087		
7,400.00	7,149.25	7,130.25	7,130.25	36.75	247.19	-62.61	-889.62	-738.37	2,231.39	1,950.67	280.72	7.949		
7,450.00	7,173.87	7,154.87	7,154.87	37.17	248.05	-65.91	-889.62	-738.37	2,200.93	1,919.10	281.83	7.809		
7,500.00	7,195.03	7,176.03	7,176.03	37.62	248.79	-69.52	-889.62	-738.37	2,169.40	1,886.54	282.86	7.669		
7,550.00	7,212.58	7,206.42	7,193.58	38.11	249.85	-73.38	-889.62	-738.37	2,137.04	1,852.79	284.26	7.518		
7,600.00	7,226.43	7,207.43	7,207.43	38.64	249.89	-77.42	-889.62	-738.37	2,104.12	1,819.45	284.67	7.391		
7,650.00	7,236.48	7,217.48	7,217.48	39.20	250.24	-81.54	-889.62	-738.37	2,070.89	1,785.44	285.45	7.255		
7,700.00	7,242.68	7,223.68	7,223.68	39.79	250.46	-85.64	-889.62	-738.37	2,037.60	1,751.46	286.14	7.121		
7,753.32	7,245.00	7,226.00	7,226.00	40.44	250.54	-89.91	-889.62	-738.37	2,002.31	1,715.53	286.77	6.982		
7,800.00	7,245.08	7,226.08	7,226.08	41.04	250.54	-89.91	-889.62	-738.37	1,971.90	1,684.59	287.31	6.863		
7,900.00	7,245.26	7,226.26	7,226.26	42.43	250.55	-89.92	-889.62	-738.37	1,908.97	1,620.35	288.62	6.614		
8,000.00	7,245.43	7,226.43	7,226.43	43.97	250.55	-89.93	-889.62	-738.37	1,849.31	1,559.14	290.17	6.373		
8,100.00	7,245.61	7,226.61	7,226.61	45.64	250.56	-89.93	-889.62	-738.37	1,793.25	1,501.29	291.96	6.142		
8,200.00	7,245.79	7,226.79	7,226.79	47.42	250.56	-89.94	-889.62	-738.37	1,741.13	1,447.14	293.98	5.923		
8,300.00	7,245.97	7,226.97	7,226.97	49.30	250.57	-89.95	-889.62	-738.37	1,693.31	1,397.09	296.23	5.716		
8,400.00	7,246.14	7,227.14	7,227.14	51.28	250.58	-89.95	-889.62	-738.37	1,650.18	1,351.51	298.67	5.525		
8,500.00	7,246.32	7,227.32	7,227.32	53.34	250.58	-89.96	-889.62	-738.37	1,612.10	1,310.84	301.27	5.351		
8,600.00	7,246.50	7,227.50	7,227.50	55.46	250.59	-89.97	-889.62	-738.37	1,579.45	1,275.46	303.99	5.196		
8,700.00	7,246.67	7,227.67	7,227.67	57.66	250.59	-89.98	-889.62	-738.37	1,552.56	1,245.78	306.79	5.061		
8,800.00	7,246.85	7,227.85	7,227.85	59.90	250.60	-89.98	-889.62	-738.37	1,531.74	1,222.14	309.60	4.948		
8,900.00	7,247.03	7,228.03	7,228.03	62.20	250.61	-89.99	-889.62	-738.37	1,517.24	1,204.87	312.37	4.857		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,228.21	7,228.21	64.55	250.61	-90.00	-889.62	-738.37	1,509.24	1,194.20	315.03	4.791		
9,071.08	7,247.33	7,228.33	7,228.33	66.24	250.62	-90.00	-889.62	-738.37	1,507.56	1,190.72	316.84	4.758		
9,100.00	7,247.38	7,228.38	7,228.38	66.93	250.62	-90.00	-889.62	-738.37	1,507.84	1,190.29	317.55	4.748		
9,200.00	7,247.56	7,228.56	7,228.56	69.35	250.63	-90.01	-889.62	-738.37	1,513.07	1,193.20	319.86	4.730 SF		
9,300.00	7,247.74	7,228.74	7,228.74	71.80	250.63	-90.02	-889.62	-738.37	1,524.85	1,202.90	321.94	4.736		
9,400.00	7,247.91	7,228.91	7,228.91	74.29	250.64	-90.02	-889.62	-738.37	1,543.03	1,219.26	323.77	4.766		
9,500.00	7,248.09	7,229.09	7,229.09	76.79	250.64	-90.03	-889.62	-738.37	1,567.39	1,242.07	325.32	4.818		
9,600.00	7,248.27	7,229.27	7,229.27	79.33	250.65	-90.04	-889.62	-738.37	1,597.66	1,271.05	326.61	4.892		
9,700.00	7,248.45	7,229.45	7,229.45	81.88	250.66	-90.04	-889.62	-738.37	1,633.49	1,305.85	327.64	4.986		
9,800.00	7,248.62	7,229.62	7,229.62	84.45	250.66	-90.05	-889.62	-738.37	1,674.54	1,346.11	328.43	5.099		
9,900.00	7,248.80	7,229.80	7,229.80	87.04	250.67	-90.06	-889.62	-738.37	1,720.42	1,391.42	329.00	5.229		
10,000.00	7,248.98	7,229.98	7,229.98	89.65	250.67	-90.06	-889.62	-738.37	1,770.77	1,441.39	329.39	5.376		
10,100.00	7,249.15	7,230.15	7,230.15	92.28	250.68	-90.07	-889.62	-738.37	1,825.22	1,495.61	329.60	5.538		
10,200.00	7,249.33	7,230.33	7,230.33	94.91	250.69	-90.08	-889.62	-738.37	1,883.40	1,553.72	329.68	5.713		
10,300.00	7,249.51	7,230.51	7,230.51	97.56	250.69	-90.08	-889.62	-738.37	1,944.99	1,615.35	329.64	5.900		
10,400.00	7,249.69	7,230.69	7,230.69	100.22	250.70	-90.09	-889.62	-738.37	2,009.67	1,680.16	329.51	6.099		
10,500.00	7,249.86	7,230.86	7,230.86	102.89	250.71	-90.10	-889.62	-738.37	2,077.15	1,747.86	329.29	6.308		
10,600.00	7,250.04	7,231.04	7,231.04	105.57	250.71	-90.10	-889.62	-738.37	2,147.17	1,818.15	329.02	6.526		
10,700.00	7,250.22	7,231.22	7,231.22	108.27	250.72	-90.11	-889.62	-738.37	2,219.49	1,890.79	328.70	6.752		
10,800.00	7,250.39	7,231.39	7,231.39	110.96	250.72	-90.12	-889.62	-738.37	2,293.88	1,965.54	328.35	6.986		
10,900.00	7,250.57	7,231.57	7,231.57	113.67	250.73	-90.12	-889.62	-738.37	2,370.17	2,042.20	327.96	7.227		
11,000.00	7,250.75	7,231.75	7,231.75	116.39	250.74	-90.13	-889.62	-738.37	2,448.16	2,120.59	327.57	7.474		
11,100.00	7,250.93	7,231.93	7,231.93	119.11	250.74	-90.14	-889.62	-738.37	2,527.70	2,200.54	327.16	7.726		
11,200.00	7,251.10	7,232.10	7,232.10	121.83	250.75	-90.14	-889.62	-738.37	2,608.65	2,281.90	326.74	7.984		
11,300.00	7,251.28	7,232.28	7,232.28	124.57	250.76	-90.15	-889.62	-738.37	2,690.88	2,364.55	326.33	8.246		
11,400.00	7,251.46	7,232.46	7,232.46	127.31	250.76	-90.16	-889.62	-738.37	2,774.27	2,448.36	325.91	8.512		
11,500.00	7,251.63	7,232.63	7,232.63	130.05	250.77	-90.16	-889.62	-738.37	2,858.74	2,533.23	325.51	8.782		
11,600.00	7,251.81	7,232.81	7,232.81	132.80	250.77	-90.17	-889.62	-738.37	2,944.17	2,619.07	325.10	9.056		
11,700.00	7,251.99	7,232.99	7,232.99	135.55	250.78	-90.18	-889.62	-738.37	3,030.50	2,705.79	324.71	9.333		
11,800.00	7,252.17	7,233.17	7,233.17	138.31	250.79	-90.18	-889.62	-738.37	3,117.65	2,793.32	324.32	9.613		
11,900.00	7,252.34	7,233.34	7,233.34	141.07	250.79	-90.19	-889.62	-738.37	3,205.54	2,881.60	323.95	9.895		
12,000.00	7,252.52	7,233.52	7,233.52	143.84	250.80	-90.20	-889.62	-738.37	3,294.13	2,970.55	323.58	10.180		
12,100.00	7,252.70	7,233.70	7,233.70	146.61	250.80	-90.20	-889.62	-738.37	3,383.35	3,060.12	323.23	10.467		
12,200.00	7,252.87	7,233.87	7,233.87	149.38	250.81	-90.21	-889.62	-738.37	3,473.16	3,150.27	322.89	10.757		
12,300.00	7,253.05	7,234.05	7,234.05	152.16	250.82	-90.22	-889.62	-738.37	3,563.52	3,240.96	322.56	11.048		
12,400.00	7,253.23	7,234.23	7,234.23	154.94	250.82	-90.22	-889.62	-738.37	3,654.37	3,332.13	322.24	11.341		
12,500.00	7,253.41	7,234.41	7,234.41	157.72	250.83	-90.23	-889.62	-738.37	3,745.69	3,423.76	321.93	11.635		
12,600.00	7,253.58	7,234.58	7,234.58	160.51	250.84	-90.24	-889.62	-738.37	3,837.45	3,515.81	321.63	11.931		
12,700.00	7,253.76	7,234.76	7,234.76	163.29	250.84	-90.24	-889.62	-738.37	3,929.60	3,608.25	321.35	12.228		
12,800.00	7,253.94	7,234.94	7,234.94	166.08	250.85	-90.25	-889.62	-738.37	4,022.13	3,701.06	321.07	12.527		
12,900.00	7,254.11	7,235.11	7,235.11	168.88	250.85	-90.26	-889.62	-738.37	4,115.01	3,794.20	320.81	12.827		
13,000.00	7,254.29	7,235.29	7,235.29	171.67	250.86	-90.26	-889.62	-738.37	4,208.22	3,887.66	320.56	13.128		
13,100.00	7,254.47	7,235.47	7,235.47	174.47	250.87	-90.27	-889.62	-738.37	4,301.73	3,981.42	320.31	13.430		
13,200.00	7,254.65	7,235.65	7,235.65	177.27	250.87	-90.28	-889.62	-738.37	4,395.53	4,075.45	320.08	13.733		
13,300.00	7,254.82	7,235.82	7,235.82	180.07	250.88	-90.28	-889.62	-738.37	4,489.59	4,169.74	319.85	14.037		
13,400.00	7,255.00	7,236.00	7,236.00	182.87	250.89	-90.29	-889.62	-738.37	4,583.91	4,264.28	319.63	14.341		
13,500.00	7,255.18	7,236.18	7,236.18	185.67	250.89	-90.30	-889.62	-738.37	4,678.46	4,359.04	319.42	14.647		
13,600.00	7,255.35	7,236.35	7,236.35	188.48	250.90	-90.30	-889.62	-738.37	4,773.24	4,454.01	319.22	14.953		
13,700.00	7,255.53	7,236.53	7,236.53	191.29	250.90	-90.31	-889.62	-738.37	4,868.22	4,549.19	319.03	15.259		
13,800.00	7,255.71	7,236.71	7,236.71	194.10	250.91	-90.32	-889.62	-738.37	4,963.40	4,644.55	318.85	15.567		
13,900.00	7,255.89	7,236.89	7,236.89	196.91	250.92	-90.33	-889.62	-738.37	5,058.77	4,740.10	318.67	15.875		
14,000.00	7,256.06	7,237.06	7,237.06	199.72	250.92	-90.33	-889.62	-738.37	5,154.31	4,835.81	318.50	16.183		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,237.24	7,237.24	202.53	250.93	-90.34	-889.62	-738.37	5,250.02	4,931.68	318.34	16.492		
14,200.00	7,256.42	7,237.42	7,237.42	205.35	250.93	-90.35	-889.62	-738.37	5,345.88	5,027.70	318.18	16.801		
14,300.00	7,256.59	7,237.59	7,237.59	208.16	250.94	-90.35	-889.62	-738.37	5,441.90	5,123.86	318.03	17.111		
14,400.00	7,256.77	7,237.77	7,237.77	210.98	250.95	-90.36	-889.62	-738.37	5,538.05	5,220.16	317.89	17.421		
14,500.00	7,256.95	7,237.95	7,237.95	213.80	250.95	-90.37	-889.62	-738.37	5,634.34	5,316.59	317.76	17.732		
14,600.00	7,257.13	7,238.13	7,238.13	216.62	250.96	-90.37	-889.62	-738.37	5,730.76	5,413.14	317.62	18.043		
14,700.00	7,257.30	7,238.30	7,238.30	219.44	250.97	-90.38	-889.62	-738.37	5,827.30	5,509.80	317.50	18.354		
14,800.00	7,257.48	7,238.48	7,238.48	222.26	250.97	-90.39	-889.62	-738.37	5,923.95	5,606.57	317.38	18.665		
14,900.00	7,257.66	7,238.66	7,238.66	225.08	250.98	-90.39	-889.62	-738.37	6,020.71	5,703.44	317.27	18.977		
15,000.00	7,257.83	7,238.83	7,238.83	227.91	250.98	-90.40	-889.62	-738.37	6,117.58	5,800.42	317.16	19.289		
15,100.00	7,258.01	7,239.01	7,239.01	230.73	250.99	-90.41	-889.62	-738.37	6,214.54	5,897.49	317.05	19.601		
15,200.00	7,258.19	7,239.19	7,239.19	233.56	251.00	-90.41	-889.62	-738.37	6,311.60	5,994.65	316.95	19.913		
15,300.00	7,258.37	7,239.37	7,239.37	236.38	251.00	-90.42	-889.62	-738.37	6,408.75	6,091.89	316.86	20.226		
15,400.00	7,258.54	7,239.54	7,239.54	239.21	251.01	-90.43	-889.62	-738.37	6,505.99	6,189.22	316.77	20.539		
15,500.00	7,258.72	7,239.72	7,239.72	242.04	251.02	-90.43	-889.62	-738.37	6,603.30	6,286.62	316.68	20.852		
15,600.00	7,258.90	7,239.90	7,239.90	244.87	251.02	-90.44	-889.62	-738.37	6,700.70	6,384.10	316.60	21.165		
15,700.00	7,259.08	7,240.08	7,240.08	247.70	251.03	-90.45	-889.62	-738.37	6,798.18	6,481.66	316.52	21.478		
15,800.00	7,259.25	7,240.25	7,240.25	250.53	251.03	-90.45	-889.62	-738.37	6,895.72	6,579.27	316.45	21.791		
15,900.00	7,259.43	7,240.43	7,240.43	253.36	251.04	-90.46	-889.62	-738.37	6,993.34	6,676.96	316.38	22.104		
16,000.00	7,259.61	7,240.61	7,240.61	256.19	251.05	-90.47	-889.62	-738.37	7,091.02	6,774.71	316.31	22.418		
16,100.00	7,259.78	7,240.78	7,240.78	259.02	251.05	-90.47	-889.62	-738.37	7,188.76	6,872.52	316.25	22.731		
16,200.00	7,259.96	7,240.96	7,240.96	261.85	251.06	-90.48	-889.62	-738.37	7,286.57	6,970.38	316.19	23.045		
16,300.00	7,260.14	7,241.14	7,241.14	264.68	251.06	-90.49	-889.62	-738.37	7,384.43	7,068.30	316.13	23.359		
16,400.00	7,260.32	7,241.32	7,241.32	267.52	251.07	-90.49	-889.62	-738.37	7,482.36	7,166.28	316.08	23.672		
16,500.00	7,260.49	7,241.49	7,241.49	270.35	251.08	-90.50	-889.62	-738.37	7,580.33	7,264.30	316.03	23.986		
16,600.00	7,260.67	7,241.67	7,241.67	273.19	251.08	-90.51	-889.62	-738.37	7,678.36	7,362.38	315.98	24.300		
16,700.00	7,260.85	7,241.85	7,241.85	276.02	251.09	-90.51	-889.62	-738.37	7,776.44	7,460.50	315.94	24.614		
16,800.00	7,261.02	7,242.02	7,242.02	278.86	251.10	-90.52	-889.62	-738.37	7,874.56	7,558.66	315.90	24.927		
16,900.00	7,261.20	7,242.20	7,242.20	281.69	251.10	-90.53	-889.62	-738.37	7,972.74	7,656.87	315.86	25.241		
17,000.00	7,261.38	7,242.38	7,242.38	284.53	251.11	-90.53	-889.62	-738.37	8,070.96	7,755.13	315.83	25.555		
17,100.00	7,261.56	7,242.56	7,242.56	287.37	251.11	-90.54	-889.62	-738.37	8,169.22	7,853.42	315.80	25.869		
17,200.00	7,261.73	7,242.73	7,242.73	290.21	251.12	-90.55	-889.62	-738.37	8,267.52	7,951.75	315.77	26.182		
17,300.00	7,261.91	7,242.91	7,242.91	293.04	251.13	-90.55	-889.62	-738.37	8,365.86	8,050.12	315.74	26.496		
17,400.00	7,262.09	7,243.09	7,243.09	295.88	251.13	-90.56	-889.62	-738.37	8,464.24	8,148.53	315.72	26.810		
17,500.00	7,262.26	7,243.26	7,243.26	298.72	251.14	-90.57	-889.62	-738.37	8,562.66	8,246.97	315.70	27.123		
17,600.00	7,262.44	7,243.44	7,243.44	301.56	251.14	-90.57	-889.62	-738.37	8,661.12	8,345.44	315.68	27.437		
17,700.00	7,262.62	7,243.62	7,243.62	304.40	251.15	-90.58	-889.62	-738.37	8,759.61	8,443.95	315.66	27.750		
17,800.00	7,262.80	7,243.80	7,243.80	307.24	251.16	-90.59	-889.62	-738.37	8,858.13	8,542.49	315.65	28.064		
17,900.00	7,262.97	7,243.97	7,243.97	310.08	251.16	-90.59	-889.62	-738.37	8,956.69	8,641.06	315.63	28.377		
18,000.00	7,263.15	7,244.15	7,244.15	312.92	251.17	-90.60	-889.62	-738.37	9,055.28	8,739.66	315.62	28.690		
18,100.00	7,263.33	7,244.33	7,244.33	315.76	251.18	-90.61	-889.62	-738.37	9,153.90	8,838.28	315.62	29.003		
18,200.00	7,263.50	7,244.50	7,244.50	318.61	251.18	-90.61	-889.62	-738.37	9,252.55	8,936.94	315.61	29.316		
18,300.00	7,263.68	7,244.68	7,244.68	321.45	251.19	-90.62	-889.62	-738.37	9,351.23	9,035.62	315.61	29.629		
18,400.00	7,263.86	7,244.86	7,244.86	324.29	251.19	-90.63	-889.62	-738.37	9,449.93	9,134.33	315.61	29.942		
18,500.00	7,264.04	7,245.04	7,245.04	327.13	251.20	-90.63	-889.62	-738.37	9,548.66	9,233.06	315.61	30.255		
18,600.00	7,264.21	7,245.21	7,245.21	329.97	251.21	-90.64	-889.62	-738.37	9,647.42	9,331.82	315.61	30.568		
18,700.00	7,264.39	7,245.39	7,245.39	332.82	251.21	-90.65	-889.62	-738.37	9,746.21	9,430.60	315.61	30.880		
18,800.00	7,264.57	7,245.57	7,245.57	335.66	251.22	-90.66	-889.62	-738.37	9,845.02	9,529.40	315.62	31.193		
18,900.00	7,264.74	7,245.74	7,245.74	338.51	251.23	-90.66	-889.62	-738.37	9,943.85	9,628.22	315.63	31.505		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	-75.46	107.47	-414.36	428.41					
100.00	100.00	81.19	81.18	3.28	3.28	-75.40	107.96	-414.41	428.25	421.68	6.57	65.185 CC, ES		
200.00	200.00	181.73	181.72	3.34	3.33	-75.24	109.24	-414.52	428.67	422.00	6.67	64.298		
300.00	299.98	281.91	281.89	3.44	3.43	-140.81	110.11	-414.55	430.28	423.40	6.87	62.603		
400.00	399.84	381.18	381.17	3.60	3.58	-141.10	110.85	-414.67	434.65	427.47	7.18	60.558		
500.00	499.45	481.52	481.50	3.81	3.77	-141.63	111.63	-414.82	441.80	434.23	7.57	58.342		
600.00	598.70	580.51	580.48	4.06	3.99	-142.39	112.27	-414.89	451.65	443.60	8.04	56.158		
700.00	697.47	678.19	678.16	4.34	4.25	-143.33	112.82	-415.14	464.54	455.97	8.57	54.174		
800.00	795.62	776.48	776.45	4.66	4.53	-144.44	113.42	-415.53	480.56	471.39	9.17	52.434		
824.00	819.08	800.06	800.04	4.75	4.60	-144.72	113.54	-415.61	484.84	475.52	9.32	52.038		
900.00	893.28	872.55	872.52	5.02	4.82	-145.75	113.89	-415.98	498.88	489.09	9.79	50.942		
1,000.00	990.92	969.76	969.73	5.40	5.13	-147.05	114.34	-416.74	517.84	507.38	10.46	49.526		
1,100.00	1,088.56	1,068.23	1,068.19	5.80	5.46	-148.27	114.79	-417.40	536.94	525.79	11.15	48.138		
1,200.00	1,186.19	1,164.20	1,164.16	6.21	5.80	-149.39	115.10	-418.03	556.23	544.36	11.87	46.869		
1,300.00	1,283.83	1,261.82	1,261.78	6.64	6.15	-150.45	115.47	-418.97	576.02	563.41	12.61	45.684		
1,400.00	1,381.47	1,359.85	1,359.80	7.08	6.51	-151.48	115.51	-419.74	595.79	582.42	13.37	44.565		
1,500.00	1,479.10	1,456.70	1,456.65	7.53	6.87	-152.40	115.85	-420.52	615.77	601.64	14.14	43.554		
1,600.00	1,576.74	1,556.48	1,556.42	7.99	7.25	-153.31	115.98	-421.33	635.90	620.97	14.93	42.580		
1,700.00	1,674.38	1,656.47	1,656.41	8.45	7.63	-154.17	116.02	-421.58	655.62	639.88	15.74	41.647		
1,800.00	1,772.02	1,754.55	1,754.50	8.92	8.01	-154.98	115.88	-421.69	675.33	658.78	16.55	40.808		
1,900.00	1,869.65	1,852.21	1,852.15	9.39	8.39	-155.75	115.68	-421.75	695.11	677.75	17.36	40.041		
2,000.00	1,967.29	1,949.00	1,948.94	9.87	8.77	-156.48	115.30	-421.85	715.06	696.89	18.17	39.347		
2,100.00	2,064.93	2,044.69	2,044.64	10.35	9.15	-157.18	114.75	-422.12	735.29	716.31	18.99	38.730		
2,200.00	2,162.56	2,140.01	2,139.94	10.83	9.53	-157.90	113.47	-422.65	755.94	736.14	19.80	38.179		
2,300.00	2,260.20	2,235.61	2,235.52	11.32	9.91	-158.63	111.59	-423.36	776.91	756.29	20.62	37.677		
2,400.00	2,357.84	2,330.83	2,330.72	11.80	10.30	-159.32	109.55	-424.30	798.26	776.82	21.44	37.229		
2,500.00	2,455.48	2,425.21	2,425.06	12.29	10.69	-159.98	107.49	-425.47	819.96	797.70	22.26	36.834		
2,600.00	2,553.11	2,517.67	2,517.49	12.78	11.06	-160.58	105.56	-427.13	842.29	819.22	23.07	36.512		
2,700.00	2,650.75	2,614.99	2,614.77	13.27	11.46	-161.16	103.79	-429.10	864.91	841.00	23.91	36.170		
2,800.00	2,748.39	2,711.39	2,711.14	13.77	11.86	-161.69	102.31	-431.11	887.64	862.88	24.75	35.861		
2,900.00	2,846.02	2,808.46	2,808.18	14.26	12.26	-162.19	100.91	-433.18	910.47	884.87	25.60	35.567		
3,000.00	2,943.66	2,907.59	2,907.28	14.76	12.67	-162.67	99.52	-435.19	933.26	906.79	26.46	35.268		
3,100.00	3,041.30	3,007.49	3,007.16	15.25	13.09	-163.12	98.40	-436.99	955.85	928.51	27.33	34.971		
3,200.00	3,138.94	3,107.81	3,107.46	15.75	13.50	-163.54	97.57	-438.53	978.19	949.98	28.21	34.677		
3,300.00	3,236.57	3,208.30	3,207.94	16.25	13.92	-163.94	96.68	-439.73	1,000.27	971.18	29.09	34.389		
3,400.00	3,334.21	3,302.20	3,301.82	16.75	14.31	-164.30	95.93	-440.92	1,022.43	992.51	29.92	34.172		
3,500.00	3,431.85	3,405.11	3,404.73	17.25	14.74	-164.65	95.38	-442.12	1,044.50	1,013.68	30.82	33.891		
3,600.00	3,529.48	3,503.41	3,503.02	17.75	15.15	-164.98	94.88	-442.97	1,066.31	1,034.62	31.69	33.652		
3,700.00	3,627.12	3,594.35	3,593.96	18.25	15.53	-165.27	94.55	-444.02	1,088.40	1,055.89	32.50	33.487		
3,800.00	3,724.76	3,695.49	3,695.09	18.75	15.96	-165.55	94.58	-445.40	1,110.65	1,077.26	33.39	33.260		
3,900.00	3,822.40	3,795.43	3,795.02	19.25	16.37	-165.80	94.97	-446.52	1,132.62	1,098.35	34.28	33.045		
4,000.00	3,920.03	3,895.35	3,894.93	19.75	16.79	-166.02	95.71	-447.48	1,154.40	1,119.24	35.16	32.834		
4,100.00	4,017.67	3,987.78	3,987.36	20.25	17.18	-166.21	96.52	-448.48	1,176.29	1,140.30	35.99	32.685		
4,200.00	4,115.31	4,083.82	4,083.39	20.76	17.59	-166.41	97.22	-449.81	1,198.50	1,161.65	36.84	32.528		
4,300.00	4,212.94	4,184.04	4,183.59	21.26	18.01	-166.61	97.95	-451.13	1,220.67	1,182.93	37.73	32.350		
4,400.00	4,310.58	4,285.01	4,284.56	21.76	18.43	-166.82	98.30	-452.10	1,242.57	1,203.95	38.63	32.168		
4,500.00	4,408.22	4,379.47	4,379.01	22.27	18.83	-167.02	98.52	-452.92	1,264.44	1,224.96	39.48	32.031		
4,600.00	4,505.86	4,478.92	4,478.46	22.77	19.25	-167.22	98.73	-453.92	1,286.45	1,246.09	40.36	31.875		
4,700.00	4,603.49	4,572.45	4,571.99	23.28	19.65	-167.41	98.87	-454.80	1,308.43	1,267.23	41.20	31.757		
4,800.00	4,701.13	4,668.62	4,668.15	23.78	20.05	-167.62	98.36	-455.88	1,330.73	1,288.67	42.06	31.637		
4,900.00	4,798.77	4,763.83	4,763.35	24.28	20.46	-167.83	97.70	-456.95	1,353.09	1,310.17	42.92	31.529		
5,000.00	4,896.40	4,858.88	4,858.38	24.79	20.86	-168.04	96.80	-458.18	1,375.67	1,331.90	43.77	31.430		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	4,953.33	4,952.82	25.30	21.26	-168.25	95.72	-459.49	1,398.41	1,353.79	44.62	31.342		
5,200.00	5,091.68	5,051.68	5,051.15	25.80	21.68	-168.46	94.51	-461.00	1,421.34	1,375.84	45.50	31.240		
5,300.00	5,189.32	5,149.52	5,148.98	26.31	22.09	-168.67	93.25	-462.26	1,444.05	1,397.67	46.37	31.139		
5,400.00	5,286.95	5,252.44	5,251.87	26.81	22.53	-168.91	91.40	-463.51	1,466.84	1,419.55	47.29	31.018		
5,500.00	5,384.59	5,359.48	5,358.90	27.32	22.98	-169.14	89.87	-464.02	1,488.84	1,440.61	48.24	30.866		
5,600.00	5,482.23	5,457.25	5,456.66	27.82	23.39	-169.33	88.75	-464.27	1,510.61	1,461.50	49.11	30.759		
5,700.00	5,579.87	5,555.80	5,555.20	28.33	23.81	-169.53	87.45	-464.54	1,532.43	1,482.44	49.99	30.653		
5,800.00	5,677.50	5,656.86	5,656.25	28.84	24.24	-169.74	85.83	-464.52	1,554.08	1,503.19	50.89	30.536		
5,900.00	5,775.14	5,753.01	5,752.39	29.34	24.64	-169.93	84.51	-464.43	1,575.62	1,523.86	51.76	30.442		
6,000.00	5,872.78	5,854.20	5,853.56	29.85	25.07	-170.12	82.95	-464.43	1,597.30	1,544.64	52.66	30.332		
6,100.00	5,970.41	5,957.57	5,956.93	30.36	25.51	-170.31	81.53	-463.92	1,618.48	1,564.90	53.58	30.208		
6,200.00	6,068.05	6,060.45	6,059.80	30.86	25.94	-170.48	80.71	-463.35	1,639.49	1,585.00	54.49	30.087		
6,300.00	6,165.69	6,156.74	6,156.08	31.37	26.35	-170.64	79.83	-462.51	1,660.23	1,604.88	55.36	29.992		
6,400.00	6,263.33	6,254.61	6,253.94	31.88	26.76	-170.80	78.75	-461.87	1,681.24	1,625.01	56.23	29.897		
6,500.00	6,360.96	6,354.17	6,353.49	32.38	27.18	-170.96	77.71	-460.98	1,702.03	1,644.90	57.12	29.796		
6,600.00	6,458.60	6,450.80	6,450.12	32.89	27.59	-171.10	77.03	-460.28	1,722.89	1,664.89	57.99	29.709		
6,628.42	6,486.35	6,478.58	6,477.90	33.04	27.71	-171.14	76.83	-460.08	1,728.82	1,670.58	58.24	29.684		
6,650.00	6,507.49	6,499.74	6,499.06	33.14	27.80	-166.76	76.68	-459.93	1,732.98	1,674.55	58.43	29.660		
6,700.00	6,556.88	6,544.89	6,544.21	33.37	27.99	-148.96	76.32	-459.66	1,740.02	1,681.19	58.83	29.578		
6,750.00	6,606.60	6,590.29	6,589.61	33.58	28.18	-110.39	75.95	-459.49	1,743.44	1,684.23	59.21	29.443		
6,800.00	6,656.35	6,638.03	6,637.34	33.76	28.38	-68.26	75.50	-459.40	1,743.20	1,683.60	59.60	29.249		
6,850.00	6,705.83	6,686.11	6,685.42	33.94	28.59	-48.02	74.97	-459.32	1,739.25	1,679.28	59.97	29.002		
6,900.00	6,754.72	6,735.06	6,734.37	34.12	28.79	-38.98	74.40	-459.26	1,731.61	1,671.28	60.33	28.702		
6,950.00	6,802.72	6,783.75	6,783.06	34.31	29.00	-34.42	74.02	-459.23	1,720.31	1,659.64	60.68	28.352		
7,000.00	6,849.54	6,829.41	6,828.72	34.50	29.20	-31.99	73.82	-459.25	1,705.44	1,644.45	60.99	27.964		
7,050.00	6,894.89	6,872.76	6,872.06	34.71	29.38	-30.78	73.70	-459.34	1,687.16	1,625.89	61.27	27.537		
7,100.00	6,938.49	6,915.11	6,914.41	34.93	29.56	-30.40	73.63	-459.49	1,665.60	1,604.07	61.53	27.068		
7,150.00	6,980.07	6,956.62	6,955.92	35.17	29.74	-30.67	73.59	-459.67	1,640.88	1,579.09	61.79	26.557		
7,200.00	7,019.38	6,995.89	6,995.19	35.43	29.90	-31.50	73.58	-459.85	1,613.15	1,551.13	62.02	26.010		
7,250.00	7,056.17	7,033.11	7,032.42	35.71	30.06	-32.88	73.56	-460.02	1,582.62	1,520.38	62.24	25.427		
7,300.00	7,090.21	7,067.58	7,066.88	36.03	30.21	-34.84	73.50	-460.15	1,549.48	1,487.04	62.44	24.814		
7,350.00	7,121.30	7,099.02	7,098.32	36.37	30.34	-37.42	73.40	-460.24	1,513.99	1,451.35	62.64	24.171		
7,400.00	7,149.25	7,125.67	7,124.97	36.75	30.46	-40.67	73.31	-460.34	1,476.39	1,413.58	62.81	23.507		
7,450.00	7,173.87	7,149.24	7,148.54	37.17	30.56	-44.74	73.26	-460.45	1,436.97	1,373.99	62.97	22.819		
7,500.00	7,195.03	7,169.64	7,168.94	37.62	30.64	-49.74	73.24	-460.58	1,395.99	1,332.85	63.14	22.109		
7,550.00	7,212.58	7,186.72	7,186.02	38.11	30.72	-55.77	73.24	-460.70	1,353.74	1,290.42	63.32	21.379		
7,600.00	7,226.43	7,200.35	7,199.65	38.64	30.78	-62.86	73.24	-460.82	1,310.50	1,246.98	63.51	20.634		
7,650.00	7,236.48	7,210.83	7,210.13	39.20	30.82	-70.92	73.25	-460.91	1,266.57	1,202.84	63.72	19.876		
7,700.00	7,242.68	7,217.45	7,216.75	39.79	30.85	-79.58	73.26	-460.96	1,222.25	1,158.29	63.96	19.110		
7,753.32	7,245.00	7,220.23	7,219.53	40.44	30.86	-88.91	73.26	-460.99	1,174.92	1,110.68	64.24	18.290		
7,800.00	7,245.08	7,220.71	7,220.01	41.04	30.86	-88.97	73.26	-460.99	1,133.76	1,069.24	64.52	17.572		
7,900.00	7,245.26	7,221.74	7,221.04	42.43	30.87	-89.07	73.26	-461.00	1,047.16	981.85	65.30	16.036		
8,000.00	7,245.43	7,222.78	7,222.08	43.97	30.87	-89.18	73.26	-461.01	963.14	896.75	66.39	14.508		
8,100.00	7,245.61	7,223.81	7,223.11	45.64	30.88	-89.29	73.26	-461.02	882.47	814.59	67.88	13.001		
8,200.00	7,245.79	7,224.84	7,224.14	47.42	30.88	-89.40	73.26	-461.03	806.14	736.27	69.87	11.537		
8,300.00	7,245.97	7,225.88	7,225.17	49.30	30.88	-89.51	73.26	-461.03	735.51	663.03	72.48	10.148		
8,400.00	7,246.14	7,226.91	7,226.21	51.28	30.89	-89.62	73.27	-461.04	672.36	596.62	75.74	8.877		
8,500.00	7,246.32	7,227.94	7,227.24	53.34	30.89	-89.73	73.27	-461.05	619.01	539.41	79.60	7.777		
8,600.00	7,246.50	7,228.98	7,228.27	55.46	30.90	-89.84	73.27	-461.06	578.16	494.40	83.76	6.902		
8,700.00	7,246.67	7,230.01	7,229.31	57.66	30.90	-89.94	73.27	-461.07	552.60	464.89	87.71	6.300		
8,794.53	7,246.84	7,230.98	7,230.28	59.78	30.91	-90.05	73.27	-461.08	544.46	453.82	90.64	6.007		
8,800.00	7,246.85	7,231.04	7,230.34	59.90	30.91	-90.05	73.27	-461.08	544.48	453.71	90.77	5.998		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,900.00	7,247.03	7,232.07	7,231.37	62.20	30.91	-90.16	73.27	-461.09	554.58	462.11	92.47	5.997 SF		
9,000.00	7,247.21	7,233.11	7,232.40	64.55	30.91	-90.27	73.27	-461.10	581.93	489.19	92.74	6.275		
9,100.00	7,247.38	7,234.14	7,233.44	66.93	30.92	-90.38	73.27	-461.10	624.29	532.39	91.90	6.793		
9,200.00	7,247.56	7,235.17	7,234.47	69.35	30.92	-90.49	73.27	-461.11	678.84	588.43	90.41	7.509		
9,300.00	7,247.74	7,236.20	7,235.50	71.80	30.93	-90.60	73.27	-461.12	742.90	654.27	88.63	8.382		
9,400.00	7,247.91	7,237.24	7,236.53	74.29	30.93	-90.70	73.27	-461.13	814.24	727.42	86.82	9.378		
9,500.00	7,248.09	7,238.27	7,237.57	76.79	30.94	-90.81	73.27	-461.14	891.10	805.99	85.11	10.470		
9,600.00	7,248.27	7,239.30	7,238.60	79.33	30.94	-90.92	73.28	-461.15	972.19	888.63	83.56	11.635		
9,700.00	7,248.45	7,240.33	7,239.63	81.88	30.95	-91.03	73.28	-461.16	1,056.51	974.34	82.17	12.857		
9,800.00	7,248.62	7,241.36	7,240.66	84.45	30.95	-91.14	73.28	-461.17	1,143.37	1,062.42	80.95	14.125		
9,900.00	7,248.80	7,242.40	7,241.69	87.04	30.95	-91.25	73.28	-461.18	1,232.22	1,152.34	79.88	15.427		
10,000.00	7,248.98	7,243.43	7,242.73	89.65	30.96	-91.36	73.28	-461.18	1,322.66	1,243.73	78.93	16.757		
10,100.00	7,249.15	7,244.46	7,243.76	92.28	30.96	-91.46	73.28	-461.19	1,414.39	1,336.29	78.10	18.109		
10,200.00	7,249.33	7,245.49	7,244.79	94.91	30.97	-91.57	73.28	-461.20	1,507.17	1,429.80	77.38	19.479		
10,300.00	7,249.51	7,246.52	7,245.82	97.56	30.97	-91.68	73.28	-461.21	1,600.82	1,524.09	76.73	20.863		
10,400.00	7,249.69	7,247.55	7,246.85	100.22	30.98	-91.79	73.28	-461.22	1,695.20	1,619.04	76.16	22.258		
10,500.00	7,249.86	7,248.59	7,247.88	102.89	30.98	-91.90	73.28	-461.23	1,790.18	1,714.53	75.65	23.663		
10,600.00	7,250.04	7,249.62	7,248.91	105.57	30.99	-92.01	73.28	-461.24	1,885.68	1,810.48	75.20	25.075		
10,700.00	7,250.22	7,250.65	7,249.95	108.27	30.99	-92.11	73.28	-461.25	1,981.63	1,906.83	74.80	26.493		
10,800.00	7,250.39	7,251.68	7,250.98	110.96	30.99	-92.22	73.29	-461.25	2,077.96	2,003.52	74.44	27.916		
10,900.00	7,250.57	7,252.71	7,252.01	113.67	31.00	-92.33	73.29	-461.26	2,174.62	2,100.51	74.11	29.343		
11,000.00	7,250.75	7,253.74	7,253.04	116.39	31.00	-92.44	73.29	-461.27	2,271.57	2,197.75	73.82	30.773		
11,100.00	7,250.93	7,254.77	7,254.07	119.11	31.01	-92.55	73.29	-461.28	2,368.77	2,295.21	73.55	32.205		
11,200.00	7,251.10	7,255.80	7,255.10	121.83	31.01	-92.66	73.29	-461.29	2,466.19	2,392.88	73.31	33.639		
11,300.00	7,251.28	7,256.84	7,256.13	124.57	31.02	-92.76	73.29	-461.30	2,563.81	2,490.72	73.10	35.074		
11,400.00	7,251.46	7,257.87	7,257.16	127.31	31.02	-92.87	73.29	-461.31	2,661.61	2,588.71	72.90	36.510		
11,500.00	7,251.63	7,258.90	7,258.19	130.05	31.02	-92.98	73.29	-461.32	2,759.57	2,686.85	72.72	37.946		
11,600.00	7,251.81	7,259.93	7,259.22	132.80	31.03	-93.09	73.29	-461.33	2,857.67	2,785.10	72.56	39.383		
11,700.00	7,251.99	7,260.96	7,260.26	135.55	31.03	-93.20	73.29	-461.33	2,955.89	2,883.48	72.41	40.819		
11,800.00	7,252.17	7,261.99	7,261.29	138.31	31.04	-93.31	73.29	-461.34	3,054.23	2,981.95	72.28	42.254		
11,900.00	7,252.34	7,263.02	7,262.32	141.07	31.04	-93.41	73.29	-461.35	3,152.67	3,080.51	72.16	43.689		
12,000.00	7,252.52	7,264.05	7,263.35	143.84	31.05	-93.52	73.30	-461.36	3,251.21	3,179.16	72.05	45.123		
12,100.00	7,252.70	7,265.08	7,264.38	146.61	31.05	-93.63	73.30	-461.37	3,349.84	3,277.88	71.95	46.556		
12,200.00	7,252.87	7,266.11	7,265.41	149.38	31.06	-93.74	73.30	-461.38	3,448.54	3,376.68	71.86	47.987		
12,300.00	7,253.05	7,267.14	7,266.44	152.16	31.06	-93.85	73.30	-461.39	3,547.31	3,475.53	71.78	49.417		
12,400.00	7,253.23	7,268.17	7,267.47	154.94	31.06	-93.95	73.30	-461.40	3,646.16	3,574.45	71.71	50.845		
12,500.00	7,253.41	7,269.20	7,268.50	157.72	31.07	-94.06	73.30	-461.40	3,745.06	3,673.41	71.65	52.272		
12,600.00	7,253.58	7,270.23	7,269.53	160.51	31.07	-94.17	73.30	-461.41	3,844.02	3,772.43	71.59	53.696		
12,700.00	7,253.76	7,271.26	7,270.56	163.29	31.08	-94.28	73.30	-461.42	3,943.03	3,871.50	71.54	55.119		
12,800.00	7,253.94	7,272.29	7,271.59	166.08	31.08	-94.38	73.30	-461.43	4,042.09	3,970.60	71.49	56.539		
12,900.00	7,254.11	7,273.32	7,272.62	168.88	31.09	-94.49	73.30	-461.44	4,141.20	4,069.75	71.45	57.958		
13,000.00	7,254.29	7,274.35	7,273.65	171.67	31.09	-94.60	73.30	-461.45	4,240.34	4,168.93	71.42	59.373		
13,100.00	7,254.47	7,275.38	7,274.68	174.47	31.09	-94.71	73.30	-461.46	4,339.53	4,268.14	71.39	60.787		
13,200.00	7,254.65	7,276.41	7,275.71	177.27	31.10	-94.82	73.31	-461.47	4,438.75	4,367.39	71.37	62.198		
13,300.00	7,254.82	7,277.44	7,276.74	180.07	31.10	-94.92	73.31	-461.47	4,538.01	4,466.66	71.35	63.606		
13,400.00	7,255.00	7,278.47	7,277.77	182.87	31.11	-95.03	73.31	-461.48	4,637.30	4,565.97	71.33	65.012		
13,500.00	7,255.18	7,279.50	7,278.79	185.67	31.11	-95.14	73.31	-461.49	4,736.61	4,665.30	71.32	66.415		
13,600.00	7,255.35	7,280.53	7,279.82	188.48	31.12	-95.25	73.31	-461.50	4,835.96	4,764.65	71.31	67.815		
13,700.00	7,255.53	7,281.56	7,280.85	191.29	31.12	-95.35	73.31	-461.51	4,935.33	4,864.02	71.31	69.212		
13,800.00	7,255.71	7,282.59	7,281.88	194.10	31.13	-95.46	73.31	-461.52	5,034.73	4,963.42	71.31	70.606		
13,900.00	7,255.89	7,283.62	7,282.91	196.91	31.13	-95.57	73.31	-461.53	5,134.15	5,062.84	71.31	71.997		
14,000.00	7,256.06	7,284.64	7,283.94	199.72	31.13	-95.67	73.31	-461.54	5,233.59	5,162.27	71.32	73.385		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,285.67	7,284.97	202.53	31.14	-95.78	73.31	-461.55	5,333.05	5,261.73	71.33	74.770		
14,200.00	7,256.42	7,286.70	7,286.00	205.35	31.14	-95.89	73.31	-461.55	5,432.53	5,361.20	71.34	76.152		
14,300.00	7,256.59	7,287.73	7,287.03	208.16	31.15	-96.00	73.31	-461.56	5,532.03	5,460.68	71.35	77.530		
14,400.00	7,256.77	7,288.76	7,288.06	210.98	31.15	-96.10	73.32	-461.57	5,631.55	5,560.18	71.37	78.905		
14,500.00	7,256.95	7,289.79	7,289.08	213.80	31.16	-96.21	73.32	-461.58	5,731.09	5,659.69	71.39	80.277		
14,600.00	7,257.13	7,290.82	7,290.11	216.62	31.16	-96.32	73.32	-461.59	5,830.64	5,759.22	71.41	81.645		
14,700.00	7,257.30	7,291.85	7,291.14	219.44	31.17	-96.42	73.32	-461.60	5,930.20	5,858.76	71.44	83.010		
14,800.00	7,257.48	7,292.87	7,292.17	222.26	31.17	-96.53	73.32	-461.61	6,029.78	5,958.31	71.47	84.372		
14,900.00	7,257.66	7,293.90	7,293.20	225.08	31.17	-96.64	73.32	-461.62	6,129.37	6,057.88	71.50	85.729		
15,000.00	7,257.83	7,294.93	7,294.23	227.91	31.18	-96.74	73.32	-461.62	6,228.98	6,157.45	71.53	87.084		
15,100.00	7,258.01	7,295.96	7,295.25	230.73	31.18	-96.85	73.32	-461.63	6,328.60	6,257.03	71.56	88.434		
15,200.00	7,258.19	7,296.99	7,296.28	233.56	31.19	-96.96	73.32	-461.64	6,428.23	6,356.63	71.60	89.781		
15,300.00	7,258.37	7,298.02	7,297.31	236.38	31.19	-97.06	73.32	-461.65	6,527.87	6,456.23	71.64	91.124		
15,400.00	7,258.54	7,299.04	7,298.34	239.21	31.20	-97.17	73.32	-461.66	6,627.52	6,555.84	71.68	92.463		
15,500.00	7,258.72	7,300.07	7,299.37	242.04	31.20	-97.28	73.32	-461.67	6,727.18	6,655.46	71.72	93.799		
15,600.00	7,258.90	7,301.10	7,300.39	244.87	31.20	-97.38	73.33	-461.68	6,826.85	6,755.09	71.76	95.131		
15,700.00	7,259.08	7,302.13	7,301.42	247.70	31.21	-97.49	73.33	-461.69	6,926.53	6,854.73	71.81	96.459		
15,800.00	7,259.25	7,303.15	7,302.45	250.53	31.21	-97.60	73.33	-461.69	7,026.22	6,954.37	71.86	97.783		
15,900.00	7,259.43	7,304.18	7,303.48	253.36	31.22	-97.70	73.33	-461.70	7,125.92	7,054.02	71.90	99.103		
16,000.00	7,259.61	7,305.21	7,304.51	256.19	31.22	-97.81	73.33	-461.71	7,225.63	7,153.67	71.96	100.419		
16,100.00	7,259.78	7,306.24	7,305.53	259.02	31.23	-97.92	73.33	-461.72	7,325.34	7,253.33	72.01	101.731		
16,200.00	7,259.96	7,307.27	7,306.56	261.85	31.23	-98.02	73.33	-461.73	7,425.06	7,353.00	72.06	103.039		
16,300.00	7,260.14	7,308.29	7,307.59	264.68	31.24	-98.13	73.33	-461.74	7,524.79	7,452.68	72.12	104.342		
16,400.00	7,260.32	7,309.32	7,308.62	267.52	31.24	-98.23	73.33	-461.75	7,624.53	7,552.36	72.17	105.642		
16,500.00	7,260.49	7,310.35	7,309.64	270.35	31.24	-98.34	73.33	-461.76	7,724.27	7,652.04	72.23	106.938		
16,600.00	7,260.67	7,311.37	7,310.67	273.19	31.25	-98.45	73.33	-461.76	7,824.02	7,751.73	72.29	108.229		
16,700.00	7,260.85	7,312.40	7,311.70	276.02	31.25	-98.55	73.33	-461.77	7,923.78	7,851.42	72.35	109.517		
16,800.00	7,261.02	7,313.43	7,312.72	278.86	31.26	-98.66	73.34	-461.78	8,023.54	7,951.12	72.41	110.800		
16,900.00	7,261.20	7,314.46	7,313.75	281.69	31.26	-98.76	73.34	-461.79	8,123.30	8,050.83	72.48	112.079		
17,000.00	7,261.38	7,315.48	7,314.78	284.53	31.27	-98.87	73.34	-461.80	8,223.08	8,150.53	72.54	113.354		
17,100.00	7,261.56	7,316.51	7,315.80	287.37	31.27	-98.97	73.34	-461.81	8,322.86	8,250.25	72.61	114.624		
17,200.00	7,261.73	7,317.54	7,316.83	290.21	31.27	-99.08	73.34	-461.82	8,422.64	8,349.96	72.68	115.890		
17,300.00	7,261.91	7,318.56	7,317.86	293.04	31.28	-99.18	73.34	-461.83	8,522.43	8,449.68	72.75	117.152		
17,400.00	7,262.09	7,319.59	7,318.88	295.88	31.28	-99.29	73.34	-461.83	8,622.22	8,549.40	72.82	118.410		
17,500.00	7,262.26	7,320.62	7,319.91	298.72	31.29	-99.39	73.34	-461.84	8,722.02	8,649.13	72.89	119.663		
17,600.00	7,262.44	7,321.64	7,320.94	301.56	31.29	-99.50	73.34	-461.85	8,821.82	8,748.86	72.96	120.912		
17,700.00	7,262.62	7,322.67	7,321.96	304.40	31.30	-99.60	73.34	-461.86	8,921.62	8,848.59	73.03	122.156		
17,800.00	7,262.80	7,323.70	7,322.99	307.24	31.30	-99.71	73.34	-461.87	9,021.44	8,948.33	73.11	123.397		
17,900.00	7,262.97	7,324.72	7,324.02	310.08	31.31	-99.81	73.34	-461.88	9,121.25	9,048.06	73.19	124.632		
18,000.00	7,263.15	7,325.75	7,325.04	312.92	31.31	-99.92	73.35	-461.89	9,221.07	9,147.81	73.26	125.864		
18,100.00	7,263.33	7,326.77	7,326.07	315.76	31.31	-100.02	73.35	-461.90	9,320.89	9,247.55	73.34	127.090		
18,200.00	7,263.50	7,327.80	7,327.09	318.61	31.32	-100.13	73.35	-461.90	9,420.72	9,347.30	73.42	128.313		
18,300.00	7,263.68	7,328.83	7,328.12	321.45	31.32	-100.23	73.35	-461.91	9,520.55	9,447.04	73.50	129.531		
18,400.00	7,263.86	7,329.85	7,329.15	324.29	31.33	-100.34	73.35	-461.92	9,620.38	9,546.80	73.58	130.744		
18,500.00	7,264.04	7,330.88	7,330.17	327.13	31.33	-100.44	73.35	-461.93	9,720.21	9,646.55	73.66	131.953		
18,600.00	7,264.21	7,331.90	7,331.20	329.97	31.34	-100.55	73.35	-461.94	9,820.05	9,746.31	73.75	133.158		
18,700.00	7,264.39	7,332.93	7,332.22	332.82	31.34	-100.65	73.35	-461.95	9,919.90	9,846.06	73.83	134.358		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	-119.20	-2,396.76	-4,288.39	4,912.73					
100.00	100.00	106.94	106.93	3.28	3.29	-119.20	-2,396.67	-4,288.18	4,912.53	4,905.96	6.57	747.399		
195.19	195.19	181.19	181.19	3.33	3.33	-119.20	-2,396.48	-4,288.13	4,912.35	4,905.69	6.66	737.479		
200.00	200.00	185.07	185.07	3.34	3.33	-119.20	-2,396.47	-4,288.14	4,912.35	4,905.69	6.67	736.742		
300.00	299.98	316.44	316.44	3.44	3.47	175.25	-2,395.59	-4,288.25	4,913.85	4,906.94	6.92	710.415		
400.00	399.84	417.93	417.92	3.60	3.64	175.25	-2,394.93	-4,287.77	4,918.34	4,911.10	7.24	679.143		
500.00	499.45	485.09	485.08	3.81	3.77	175.24	-2,394.78	-4,287.61	4,926.71	4,919.12	7.58	649.789		
600.00	598.70	586.58	586.57	4.06	4.00	175.24	-2,394.53	-4,287.82	4,938.91	4,930.85	8.06	612.682		
700.00	697.47	724.21	724.20	4.34	4.37	175.25	-2,393.45	-4,287.68	4,954.03	4,945.32	8.71	568.909		
800.00	795.62	818.94	818.92	4.66	4.65	175.23	-2,392.91	-4,287.08	4,972.23	4,962.93	9.30	534.716		
824.00	819.08	837.38	837.36	4.75	4.70	175.23	-2,392.86	-4,286.97	4,977.13	4,967.70	9.44	527.315		
900.00	893.28	895.68	895.66	5.02	4.88	175.24	-2,392.78	-4,286.68	4,993.14	4,983.27	9.87	505.778		
1,000.00	990.92	972.09	972.07	5.40	5.13	175.26	-2,392.79	-4,286.58	5,014.57	5,004.10	10.47	479.171		
1,100.00	1,088.56	1,061.13	1,061.11	5.80	5.43	175.28	-2,392.69	-4,286.87	5,036.33	5,025.20	11.13	452.662		
1,200.00	1,186.19	1,187.04	1,187.02	6.21	5.87	175.31	-2,392.02	-4,287.35	5,057.97	5,046.03	11.94	423.466		
1,300.00	1,283.83	1,281.28	1,281.26	6.64	6.21	175.34	-2,391.57	-4,287.28	5,079.22	5,066.54	12.67	400.799		
1,400.00	1,381.47	1,367.14	1,367.11	7.08	6.52	175.35	-2,391.58	-4,287.15	5,100.65	5,087.26	13.39	381.050		
1,500.00	1,479.10	1,446.56	1,446.54	7.53	6.81	175.37	-2,391.80	-4,287.18	5,122.35	5,108.26	14.09	363.653		
1,600.00	1,576.74	1,525.56	1,525.53	7.99	7.11	175.38	-2,392.09	-4,287.53	5,144.44	5,129.65	14.79	347.749		
1,700.00	1,674.38	1,611.66	1,611.63	8.45	7.44	175.40	-2,392.45	-4,288.15	5,166.80	5,151.26	15.54	332.517		
1,800.00	1,772.02	1,695.65	1,695.62	8.92	7.76	175.41	-2,393.04	-4,288.85	5,189.39	5,173.10	16.28	318.705		
1,900.00	1,869.65	1,781.88	1,781.83	9.39	8.10	175.43	-2,393.80	-4,289.72	5,212.21	5,195.17	17.04	305.826		
2,000.00	1,967.29	1,922.88	1,922.83	9.87	8.65	175.45	-2,394.77	-4,290.86	5,234.78	5,216.74	18.04	290.151		
2,100.00	2,064.93	2,061.41	2,061.36	10.35	9.20	175.47	-2,395.52	-4,290.88	5,256.63	5,237.59	19.04	276.086		
2,200.00	2,162.56	2,175.79	2,175.73	10.83	9.66	175.49	-2,395.45	-4,290.32	5,277.71	5,257.76	19.94	264.649		
2,300.00	2,260.20	2,257.20	2,257.14	11.32	9.99	175.50	-2,395.69	-4,289.81	5,298.86	5,278.16	20.71	255.893		
2,400.00	2,357.84	2,327.83	2,327.77	11.80	10.27	175.51	-2,396.35	-4,289.45	5,320.43	5,299.00	21.43	248.297		
2,500.00	2,455.48	2,400.00	2,399.94	12.29	10.57	175.51	-2,397.14	-4,289.56	5,342.59	5,320.44	22.16	241.133		
2,600.00	2,553.11	2,483.98	2,483.91	12.78	10.91	175.52	-2,397.97	-4,290.09	5,365.12	5,342.19	22.94	233.888		
2,700.00	2,650.75	2,603.08	2,603.00	13.27	11.39	175.54	-2,398.92	-4,290.73	5,387.51	5,363.63	23.88	225.585		
2,800.00	2,748.39	2,706.60	2,706.52	13.77	11.82	175.55	-2,399.80	-4,290.92	5,409.62	5,384.86	24.76	218.491		
2,900.00	2,846.02	2,798.67	2,798.59	14.26	12.20	175.56	-2,400.76	-4,291.00	5,431.73	5,406.14	25.59	212.291		
3,000.00	2,943.66	2,866.20	2,866.11	14.76	12.48	175.56	-2,401.54	-4,291.25	5,454.14	5,427.84	26.30	207.368		
3,100.00	3,041.30	2,978.34	2,978.24	15.25	12.94	175.58	-2,402.58	-4,292.23	5,476.90	5,449.67	27.22	201.173		
3,200.00	3,138.94	3,099.81	3,099.70	15.75	13.44	175.60	-2,403.29	-4,292.73	5,499.06	5,470.87	28.19	195.046		
3,300.00	3,236.57	3,172.06	3,171.95	16.25	13.74	175.60	-2,403.98	-4,292.92	5,521.28	5,492.35	28.93	190.817		
3,400.00	3,334.21	3,248.15	3,248.04	16.75	14.06	175.61	-2,404.96	-4,293.36	5,543.93	5,514.23	29.69	186.701		
3,500.00	3,431.85	3,360.78	3,360.65	17.25	14.53	175.62	-2,406.24	-4,294.38	5,566.81	5,536.18	30.63	181.759		
3,600.00	3,529.48	3,477.79	3,477.66	17.75	15.01	175.64	-2,406.80	-4,295.07	5,589.07	5,557.49	31.58	176.963		
3,700.00	3,627.12	3,577.40	3,577.27	18.25	15.43	175.66	-2,407.16	-4,295.62	5,611.26	5,578.81	32.46	172.879		
3,800.00	3,724.76	3,677.03	3,676.89	18.75	15.85	175.68	-2,407.46	-4,296.16	5,633.42	5,600.09	33.33	169.002		
3,900.00	3,822.40	3,776.67	3,776.53	19.25	16.26	175.69	-2,407.70	-4,296.69	5,655.54	5,621.33	34.21	165.316		
4,000.00	3,920.03	3,876.33	3,876.19	19.75	16.68	175.71	-2,407.88	-4,297.21	5,677.62	5,642.54	35.09	161.808		
4,100.00	4,017.67	3,976.00	3,975.86	20.25	17.10	175.73	-2,407.99	-4,297.72	5,699.67	5,663.70	35.97	158.467		
4,200.00	4,115.31	4,075.69	4,075.55	20.76	17.52	175.75	-2,408.05	-4,298.23	5,721.68	5,684.83	36.85	155.279		
4,300.00	4,212.94	4,175.39	4,175.25	21.26	17.94	175.77	-2,408.05	-4,298.72	5,743.66	5,705.93	37.73	152.236		
4,400.00	4,310.58	4,285.03	4,284.89	21.76	18.40	175.79	-2,407.85	-4,299.23	5,765.53	5,726.87	38.66	149.140		
4,500.00	4,408.22	4,391.54	4,391.40	22.27	18.85	175.81	-2,407.26	-4,299.70	5,787.20	5,747.63	39.57	146.239		
4,600.00	4,505.86	4,486.84	4,486.69	22.77	19.25	175.84	-2,406.54	-4,300.16	5,808.82	5,768.38	40.43	143.661		
4,700.00	4,603.49	4,558.90	4,558.74	23.28	19.55	175.86	-2,405.96	-4,300.69	5,830.65	5,789.47	41.18	141.587		
4,800.00	4,701.13	4,647.76	4,647.60	23.78	19.93	175.88	-2,405.13	-4,301.87	5,852.89	5,810.88	42.01	139.321		
4,900.00	4,798.77	4,761.28	4,761.10	24.28	20.41	175.92	-2,403.99	-4,303.15	5,874.95	5,831.99	42.96	136.745		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,896.40	4,866.10	4,865.92	24.79	20.85	175.94	-2,403.19	-4,303.98	5,896.83	5,852.96	43.87	134.407		
5,100.00	4,994.04	4,954.15	4,953.96	25.30	21.22	175.95	-2,403.57	-4,304.09	5,918.70	5,874.00	44.70	132.411		
5,200.00	5,091.68	5,034.51	5,034.32	25.80	21.56	175.96	-2,404.35	-4,304.21	5,940.83	5,895.34	45.49	130.603		
5,300.00	5,189.32	5,118.83	5,118.64	26.31	21.92	175.97	-2,405.09	-4,304.64	5,963.24	5,916.94	46.30	128.807		
5,400.00	5,286.95	5,220.10	5,219.90	26.81	22.35	175.98	-2,405.55	-4,305.43	5,985.67	5,938.48	47.19	126.841		
5,500.00	5,384.59	5,319.17	5,318.97	27.32	22.77	176.00	-2,405.94	-4,306.28	6,008.16	5,960.08	48.07	124.977		
5,600.00	5,482.23	5,444.45	5,444.24	27.82	23.30	176.01	-2,406.64	-4,306.55	6,030.11	5,981.02	49.09	122.833		
5,700.00	5,579.87	5,534.16	5,533.95	28.33	23.68	176.01	-2,407.95	-4,306.39	6,052.19	6,002.26	49.93	121.217		
5,800.00	5,677.50	5,638.36	5,638.13	28.84	24.12	176.01	-2,409.58	-4,306.00	6,074.15	6,023.31	50.84	119.477		
5,900.00	5,775.14	5,717.94	5,717.70	29.34	24.46	176.01	-2,410.67	-4,305.88	6,096.22	6,044.60	51.62	118.089		
6,000.00	5,872.78	5,780.77	5,780.53	29.85	24.72	176.02	-2,411.56	-4,306.11	6,118.75	6,066.43	52.32	116.946		
6,100.00	5,970.41	5,883.35	5,883.09	30.36	25.16	176.02	-2,412.82	-4,306.99	6,141.62	6,088.39	53.23	115.389		
6,200.00	6,068.05	6,033.69	6,033.43	30.86	25.80	176.05	-2,413.23	-4,308.08	6,163.94	6,109.56	54.38	113.354		
6,300.00	6,165.69	6,154.00	6,153.74	31.37	26.31	176.07	-2,413.22	-4,308.20	6,185.56	6,130.19	55.37	111.708		
6,400.00	6,263.33	6,249.61	6,249.35	31.88	26.71	176.08	-2,413.49	-4,308.01	6,207.09	6,150.85	56.24	110.367		
6,500.00	6,360.96	6,343.82	6,343.55	32.38	27.11	176.08	-2,413.96	-4,307.80	6,228.69	6,171.59	57.10	109.081		
6,600.00	6,458.60	6,441.45	6,441.18	32.89	27.53	176.09	-2,414.48	-4,307.59	6,250.30	6,192.32	57.98	107.800		
6,628.42	6,486.35	6,469.20	6,468.93	33.04	27.64	176.09	-2,414.63	-4,307.52	6,256.45	6,198.22	58.23	107.442		
6,650.00	6,507.49	6,490.33	6,490.07	33.14	27.73	-179.40	-2,414.74	-4,307.48	6,260.80	6,202.38	58.42	107.170		
6,700.00	6,556.88	6,539.71	6,539.44	33.37	27.94	-161.36	-2,415.00	-4,307.37	6,268.45	6,209.60	58.85	106.516		
6,750.00	6,606.60	6,589.42	6,589.15	33.58	28.16	-122.60	-2,415.26	-4,307.26	6,272.68	6,213.41	59.27	105.833		
6,800.00	6,656.35	6,639.14	6,638.87	33.76	28.37	-80.31	-2,415.53	-4,307.14	6,273.45	6,213.78	59.67	105.130		
6,850.00	6,705.83	6,688.58	6,688.31	33.94	28.58	-59.95	-2,415.79	-4,307.03	6,270.77	6,210.71	60.06	104.409		
6,900.00	6,754.72	6,737.42	6,737.15	34.12	28.78	-50.80	-2,416.05	-4,306.93	6,264.67	6,204.24	60.43	103.670		
6,950.00	6,802.72	6,785.37	6,785.10	34.31	28.99	-46.16	-2,416.30	-4,306.82	6,255.18	6,194.40	60.78	102.914		
7,000.00	6,849.54	6,832.13	6,831.86	34.50	29.19	-43.69	-2,416.55	-4,306.71	6,242.38	6,181.26	61.11	102.142		
7,050.00	6,894.89	6,877.41	6,877.14	34.71	29.38	-42.46	-2,416.79	-4,306.61	6,226.34	6,164.91	61.43	101.357		
7,100.00	6,938.49	6,920.93	6,920.66	34.93	29.56	-42.08	-2,417.02	-4,306.52	6,207.19	6,145.47	61.73	100.560		
7,150.00	6,980.07	6,962.43	6,962.16	35.17	29.74	-42.32	-2,417.24	-4,306.42	6,185.05	6,123.05	62.01	99.750		
7,200.00	7,019.38	7,001.65	7,001.38	35.43	29.91	-43.11	-2,417.45	-4,306.34	6,160.08	6,097.81	62.27	98.927		
7,250.00	7,056.17	7,038.35	7,038.07	35.71	30.06	-44.40	-2,417.65	-4,306.25	6,132.42	6,069.91	62.52	98.090		
7,300.00	7,090.21	7,072.29	7,072.02	36.03	30.21	-46.18	-2,417.83	-4,306.18	6,102.28	6,039.53	62.76	97.239		
7,350.00	7,121.30	7,103.28	7,103.00	36.37	30.34	-48.49	-2,417.99	-4,306.11	6,069.85	6,006.86	62.98	96.372		
7,400.00	7,149.25	7,131.12	7,130.84	36.75	30.46	-51.35	-2,418.14	-4,306.05	6,035.33	5,972.12	63.21	95.488		
7,450.00	7,173.87	7,155.63	7,155.36	37.17	30.56	-54.81	-2,418.27	-4,305.99	5,998.95	5,935.53	63.42	94.587		
7,500.00	7,195.03	7,176.68	7,176.40	37.62	30.65	-58.93	-2,418.38	-4,305.94	5,960.96	5,897.32	63.64	93.669		
7,550.00	7,212.58	7,194.12	7,193.84	38.11	30.73	-63.74	-2,418.47	-4,305.91	5,921.58	5,857.72	63.86	92.734		
7,600.00	7,226.43	7,207.85	7,207.57	38.64	30.78	-69.26	-2,418.55	-4,305.88	5,881.07	5,817.00	64.07	91.785		
7,650.00	7,236.48	7,217.79	7,217.51	39.20	30.83	-75.44	-2,418.60	-4,305.85	5,839.69	5,775.39	64.30	90.823		
7,700.00	7,242.68	7,223.87	7,223.59	39.79	30.85	-82.17	-2,418.63	-4,305.84	5,797.69	5,733.17	64.52	89.853		
7,753.32	7,245.00	7,226.07	7,225.79	40.44	30.86	-89.74	-2,418.64	-4,305.83	5,752.51	5,687.74	64.77	88.814		
7,800.00	7,245.08	7,226.05	7,225.77	41.04	30.86	-89.74	-2,418.64	-4,305.83	5,712.94	5,647.94	65.00	87.896		
7,900.00	7,245.26	7,226.00	7,225.72	42.43	30.86	-89.74	-2,418.64	-4,305.83	5,628.52	5,562.97	65.55	85.869		
8,000.00	7,245.43	7,225.95	7,225.68	43.97	30.86	-89.74	-2,418.64	-4,305.83	5,544.61	5,478.42	66.19	83.764		
8,100.00	7,245.61	7,225.91	7,225.63	45.64	30.86	-89.74	-2,418.64	-4,305.83	5,461.25	5,394.31	66.94	81.589		
8,200.00	7,245.79	7,225.86	7,225.58	47.42	30.86	-89.73	-2,418.64	-4,305.83	5,378.46	5,310.68	67.78	79.353		
8,300.00	7,245.97	7,225.81	7,225.54	49.30	30.86	-89.73	-2,418.64	-4,305.83	5,296.25	5,227.53	68.72	77.066		
8,400.00	7,246.14	7,225.77	7,225.49	51.28	30.86	-89.73	-2,418.64	-4,305.84	5,214.68	5,144.90	69.77	74.738		
8,500.00	7,246.32	7,225.72	7,225.44	53.34	30.86	-89.73	-2,418.64	-4,305.84	5,133.75	5,062.82	70.93	72.381		
8,600.00	7,246.50	7,225.67	7,225.40	55.46	30.86	-89.73	-2,418.64	-4,305.84	5,053.51	4,981.32	72.19	70.005		
8,700.00	7,246.67	7,225.63	7,225.35	57.66	30.86	-89.73	-2,418.64	-4,305.84	4,973.98	4,900.42	73.56	67.622		
8,800.00	7,246.85	7,225.58	7,225.30	59.90	30.86	-89.73	-2,418.64	-4,305.84	4,895.20	4,820.17	75.03	65.241		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,900.00	7,247.03	7,225.54	7,225.26	62.20	30.86	-89.73	-2,418.64	-4,305.84	4,817.21	4,740.59	76.62	62.874		
9,000.00	7,247.21	7,225.49	7,225.21	64.55	30.86	-89.73	-2,418.64	-4,305.84	4,740.05	4,661.74	78.31	60.529		
9,100.00	7,247.38	7,225.44	7,225.16	66.93	30.86	-89.73	-2,418.64	-4,305.84	4,663.75	4,583.64	80.11	58.214		
9,200.00	7,247.56	7,225.40	7,225.12	69.35	30.86	-89.73	-2,418.64	-4,305.84	4,588.37	4,506.34	82.03	55.938		
9,300.00	7,247.74	7,225.35	7,225.07	71.80	30.86	-89.73	-2,418.64	-4,305.84	4,513.94	4,429.89	84.05	53.708		
9,400.00	7,247.91	7,225.30	7,225.02	74.29	30.86	-89.72	-2,418.64	-4,305.84	4,440.52	4,354.34	86.18	51.529		
9,500.00	7,248.09	7,225.26	7,224.98	76.79	30.86	-89.72	-2,418.64	-4,305.84	4,368.15	4,279.73	88.41	49.406		
9,600.00	7,248.27	7,225.21	7,224.93	79.33	30.86	-89.72	-2,418.64	-4,305.84	4,296.89	4,206.13	90.76	47.344		
9,700.00	7,248.45	7,225.16	7,224.89	81.88	30.86	-89.72	-2,418.64	-4,305.84	4,226.79	4,133.58	93.21	45.346		
9,800.00	7,248.62	7,225.12	7,224.84	84.45	30.86	-89.72	-2,418.64	-4,305.84	4,157.92	4,062.15	95.77	43.415		
9,900.00	7,248.80	7,225.07	7,224.79	87.04	30.86	-89.72	-2,418.64	-4,305.84	4,090.33	3,991.90	98.44	41.553		
10,000.00	7,248.98	7,225.02	7,224.75	89.65	30.86	-89.72	-2,418.64	-4,305.84	4,024.10	3,922.89	101.21	39.761		
10,100.00	7,249.15	7,224.98	7,224.70	92.28	30.86	-89.72	-2,418.64	-4,305.84	3,959.28	3,855.20	104.08	38.041		
10,200.00	7,249.33	7,224.93	7,224.65	94.91	30.86	-89.72	-2,418.64	-4,305.84	3,895.95	3,788.90	107.05	36.392		
10,300.00	7,249.51	7,224.88	7,224.61	97.56	30.86	-89.72	-2,418.64	-4,305.84	3,834.18	3,724.06	110.13	34.816		
10,400.00	7,249.69	7,224.84	7,224.56	100.22	30.86	-89.72	-2,418.64	-4,305.84	3,774.06	3,660.76	113.30	33.312		
10,500.00	7,249.86	7,224.79	7,224.51	102.89	30.86	-89.71	-2,418.64	-4,305.84	3,715.65	3,599.09	116.56	31.879		
10,600.00	7,250.04	7,224.74	7,224.47	105.57	30.86	-89.71	-2,418.64	-4,305.84	3,659.04	3,539.13	119.90	30.516		
10,700.00	7,250.22	7,224.70	7,224.42	108.27	30.86	-89.71	-2,418.64	-4,305.84	3,604.32	3,480.98	123.34	29.224		
10,800.00	7,250.39	7,224.65	7,224.37	110.96	30.86	-89.71	-2,418.64	-4,305.84	3,551.57	3,424.72	126.84	27.999		
10,900.00	7,250.57	7,224.60	7,224.33	113.67	30.86	-89.71	-2,418.64	-4,305.84	3,500.88	3,370.46	130.42	26.842		
11,000.00	7,250.75	7,224.56	7,224.28	116.39	30.86	-89.71	-2,418.64	-4,305.84	3,452.35	3,318.28	134.07	25.751		
11,100.00	7,250.93	7,224.51	7,224.23	119.11	30.86	-89.71	-2,418.64	-4,305.84	3,406.06	3,268.29	137.76	24.724		
11,200.00	7,251.10	7,224.46	7,224.19	121.83	30.86	-89.71	-2,418.64	-4,305.84	3,362.11	3,220.60	141.51	23.759		
11,300.00	7,251.28	7,224.42	7,224.14	124.57	30.86	-89.71	-2,418.64	-4,305.84	3,320.59	3,175.30	145.28	22.856		
11,400.00	7,251.46	7,224.37	7,224.09	127.31	30.86	-89.71	-2,418.64	-4,305.84	3,281.59	3,132.50	149.09	22.012		
11,500.00	7,251.63	7,224.33	7,224.05	130.05	30.85	-89.71	-2,418.64	-4,305.84	3,245.21	3,092.31	152.90	21.225		
11,600.00	7,251.81	7,224.28	7,224.00	132.80	30.85	-89.71	-2,418.63	-4,305.84	3,211.52	3,054.82	156.70	20.494		
11,700.00	7,251.99	7,224.23	7,223.95	135.55	30.85	-89.70	-2,418.63	-4,305.84	3,180.63	3,020.14	160.49	19.818		
11,800.00	7,252.17	7,224.19	7,223.91	138.31	30.85	-89.70	-2,418.63	-4,305.84	3,152.61	2,988.36	164.25	19.194		
11,900.00	7,252.34	7,224.14	7,223.86	141.07	30.85	-89.70	-2,418.63	-4,305.84	3,127.54	2,959.57	167.96	18.620		
12,000.00	7,252.52	7,224.09	7,223.81	143.84	30.85	-89.70	-2,418.63	-4,305.84	3,105.48	2,933.87	171.61	18.096		
12,100.00	7,252.70	7,224.05	7,223.77	146.61	30.85	-89.70	-2,418.63	-4,305.84	3,086.51	2,911.33	175.18	17.619		
12,200.00	7,252.87	7,224.00	7,223.72	149.38	30.85	-89.70	-2,418.63	-4,305.84	3,070.68	2,892.03	178.65	17.188		
12,300.00	7,253.05	7,223.95	7,223.68	152.16	30.85	-89.70	-2,418.63	-4,305.84	3,058.04	2,876.02	182.02	16.801		
12,400.00	7,253.23	7,223.91	7,223.63	154.94	30.85	-89.70	-2,418.63	-4,305.84	3,048.63	2,863.37	185.26	16.456		
12,500.00	7,253.41	7,223.86	7,223.58	157.72	30.85	-89.70	-2,418.63	-4,305.84	3,042.48	2,854.12	188.36	16.152		
12,600.00	7,253.58	7,223.81	7,223.54	160.51	30.85	-89.70	-2,418.63	-4,305.84	3,039.61	2,848.30	191.31	15.888		
12,637.34	7,253.65	7,223.80	7,223.52	161.55	30.85	-89.70	-2,418.63	-4,305.84	3,039.38	2,847.01	192.37	15.799 CC		
12,700.00	7,253.76	7,223.77	7,223.49	163.29	30.85	-89.70	-2,418.63	-4,305.84	3,040.02	2,845.92	194.10	15.662 ES		
12,800.00	7,253.94	7,223.72	7,223.44	166.08	30.85	-89.69	-2,418.63	-4,305.84	3,043.73	2,847.01	196.72	15.472		
12,900.00	7,254.11	7,223.67	7,223.40	168.88	30.85	-89.69	-2,418.63	-4,305.84	3,050.71	2,851.55	199.16	15.318		
13,000.00	7,254.29	7,223.63	7,223.35	171.67	30.85	-89.69	-2,418.63	-4,305.84	3,060.94	2,859.52	201.42	15.197		
13,100.00	7,254.47	7,223.58	7,223.30	174.47	30.85	-89.69	-2,418.63	-4,305.84	3,074.39	2,870.90	203.49	15.109		
13,200.00	7,254.65	7,223.53	7,223.26	177.27	30.85	-89.69	-2,418.63	-4,305.84	3,091.02	2,885.65	205.37	15.051		
13,300.00	7,254.82	7,223.49	7,223.21	180.07	30.85	-89.69	-2,418.63	-4,305.84	3,110.78	2,903.72	207.06	15.024 SF		
13,400.00	7,255.00	7,223.44	7,223.16	182.87	30.85	-89.69	-2,418.63	-4,305.84	3,133.60	2,925.05	208.56	15.025		
13,500.00	7,255.18	7,223.39	7,223.12	185.67	30.85	-89.69	-2,418.63	-4,305.84	3,159.43	2,949.56	209.87	15.054		
13,600.00	7,255.35	7,223.35	7,223.07	188.48	30.85	-89.69	-2,418.63	-4,305.84	3,188.19	2,977.18	211.01	15.109		
13,700.00	7,255.53	7,223.30	7,223.02	191.29	30.85	-89.69	-2,418.63	-4,305.84	3,219.79	3,007.82	211.97	15.190		
13,800.00	7,255.71	7,223.25	7,222.98	194.10	30.85	-89.69	-2,418.63	-4,305.84	3,254.17	3,041.40	212.76	15.295		
13,900.00	7,255.89	7,223.21	7,222.93	196.91	30.85	-89.68	-2,418.63	-4,305.84	3,291.22	3,077.82	213.40	15.423		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,000.00	7,256.06	7,223.16	7,222.88	199.72	30.85	-89.68	-2,418.63	-4,305.84	3,330.87	3,116.98	213.88	15.573		
14,100.00	7,256.24	7,223.12	7,222.84	202.53	30.85	-89.68	-2,418.63	-4,305.84	3,373.01	3,158.79	214.22	15.745		
14,200.00	7,256.42	7,223.07	7,222.79	205.35	30.85	-89.68	-2,418.63	-4,305.84	3,417.56	3,203.13	214.43	15.938		
14,300.00	7,256.59	7,223.02	7,222.74	208.16	30.85	-89.68	-2,418.63	-4,305.84	3,464.43	3,249.91	214.52	16.150		
14,400.00	7,256.77	7,222.98	7,222.70	210.98	30.85	-89.68	-2,418.63	-4,305.84	3,513.52	3,299.03	214.49	16.381		
14,500.00	7,256.95	7,222.93	7,222.65	213.80	30.85	-89.68	-2,418.63	-4,305.84	3,564.73	3,350.38	214.36	16.630		
14,600.00	7,257.13	7,222.88	7,222.60	216.62	30.85	-89.68	-2,418.63	-4,305.84	3,617.99	3,403.86	214.13	16.896		
14,700.00	7,257.30	7,222.84	7,222.56	219.44	30.85	-89.68	-2,418.63	-4,305.84	3,673.20	3,459.39	213.81	17.179		
14,800.00	7,257.48	7,222.79	7,222.51	222.26	30.85	-89.68	-2,418.63	-4,305.84	3,730.27	3,516.85	213.42	17.478		
14,900.00	7,257.66	7,222.74	7,222.47	225.08	30.85	-89.68	-2,418.63	-4,305.84	3,789.12	3,576.16	212.96	17.793		
15,000.00	7,257.83	7,222.70	7,222.42	227.91	30.85	-89.68	-2,418.63	-4,305.84	3,849.67	3,637.24	212.44	18.122		
15,100.00	7,258.01	7,222.65	7,222.37	230.73	30.85	-89.67	-2,418.63	-4,305.84	3,911.84	3,699.99	211.86	18.465		
15,200.00	7,258.19	7,222.60	7,222.33	233.56	30.85	-89.67	-2,418.63	-4,305.84	3,975.56	3,764.33	211.23	18.821		
15,300.00	7,258.37	7,222.56	7,222.28	236.38	30.85	-89.67	-2,418.63	-4,305.84	4,040.74	3,830.18	210.56	19.191		
15,400.00	7,258.54	7,222.51	7,222.23	239.21	30.85	-89.67	-2,418.63	-4,305.84	4,107.33	3,897.47	209.85	19.573		
15,500.00	7,258.72	7,222.46	7,222.19	242.04	30.85	-89.67	-2,418.63	-4,305.84	4,175.24	3,966.13	209.11	19.966		
15,600.00	7,258.90	7,222.42	7,222.14	244.87	30.85	-89.67	-2,418.63	-4,305.84	4,244.43	4,036.08	208.35	20.372		
15,700.00	7,259.08	7,222.37	7,222.09	247.70	30.85	-89.67	-2,418.62	-4,305.84	4,314.83	4,107.26	207.56	20.788		
15,800.00	7,259.25	7,222.32	7,222.05	250.53	30.85	-89.67	-2,418.62	-4,305.84	4,386.37	4,179.61	206.76	21.215		
15,900.00	7,259.43	7,222.28	7,222.00	253.36	30.85	-89.67	-2,418.62	-4,305.84	4,459.01	4,253.07	205.94	21.652		
16,000.00	7,259.61	7,222.23	7,221.95	256.19	30.85	-89.67	-2,418.62	-4,305.84	4,532.69	4,327.58	205.11	22.099		
16,100.00	7,259.78	7,222.18	7,221.91	259.02	30.85	-89.67	-2,418.62	-4,305.84	4,607.37	4,403.09	204.27	22.555		
16,200.00	7,259.96	7,222.14	7,221.86	261.85	30.85	-89.66	-2,418.62	-4,305.84	4,682.99	4,479.56	203.43	23.020		
16,300.00	7,260.14	7,222.09	7,221.81	264.68	30.85	-89.66	-2,418.62	-4,305.84	4,759.51	4,556.92	202.59	23.494		
16,400.00	7,260.32	7,222.04	7,221.77	267.52	30.85	-89.66	-2,418.62	-4,305.84	4,836.88	4,635.15	201.74	23.976		
16,500.00	7,260.49	7,222.00	7,221.72	270.35	30.84	-89.66	-2,418.62	-4,305.84	4,915.08	4,714.18	200.89	24.466		
16,600.00	7,260.67	7,221.95	7,221.67	273.19	30.84	-89.66	-2,418.62	-4,305.84	4,994.05	4,794.00	200.05	24.964		
16,700.00	7,260.85	7,221.91	7,221.63	276.02	30.84	-89.66	-2,418.62	-4,305.84	5,073.76	4,874.55	199.21	25.469		
16,800.00	7,261.02	7,221.86	7,221.58	278.86	30.84	-89.66	-2,418.62	-4,305.84	5,154.18	4,955.80	198.38	25.982		
16,900.00	7,261.20	7,221.81	7,221.53	281.69	30.84	-89.66	-2,418.62	-4,305.84	5,235.28	5,037.73	197.55	26.501		
17,000.00	7,261.38	7,221.77	7,221.49	284.53	30.84	-89.66	-2,418.62	-4,305.84	5,317.01	5,120.29	196.73	27.027		
17,100.00	7,261.56	7,221.72	7,221.44	287.37	30.84	-89.66	-2,418.62	-4,305.84	5,399.37	5,203.45	195.92	27.560		
17,200.00	7,261.73	7,221.67	7,221.39	290.21	30.84	-89.66	-2,418.62	-4,305.84	5,482.31	5,287.20	195.11	28.098		
17,300.00	7,261.91	7,221.63	7,221.35	293.04	30.84	-89.66	-2,418.62	-4,305.84	5,565.81	5,371.49	194.32	28.643		
17,400.00	7,262.09	7,221.58	7,221.30	295.88	30.84	-89.65	-2,418.62	-4,305.84	5,649.85	5,456.31	193.54	29.193		
17,500.00	7,262.26	7,221.53	7,221.26	298.72	30.84	-89.65	-2,418.62	-4,305.84	5,734.40	5,541.63	192.76	29.748		
17,600.00	7,262.44	7,221.49	7,221.21	301.56	30.84	-89.65	-2,418.62	-4,305.84	5,819.44	5,627.44	192.00	30.309		
17,700.00	7,262.62	7,221.44	7,221.16	304.40	30.84	-89.65	-2,418.62	-4,305.84	5,904.94	5,713.69	191.25	30.876		
17,800.00	7,262.80	7,221.39	7,221.12	307.24	30.84	-89.65	-2,418.62	-4,305.84	5,990.90	5,800.39	190.51	31.447		
17,900.00	7,262.97	7,221.35	7,221.07	310.08	30.84	-89.65	-2,418.62	-4,305.84	6,077.29	5,887.51	189.78	32.022		
18,000.00	7,263.15	7,221.30	7,221.02	312.92	30.84	-89.65	-2,418.62	-4,305.85	6,164.09	5,975.02	189.07	32.603		
18,100.00	7,263.33	7,221.25	7,220.98	315.76	30.84	-89.65	-2,418.62	-4,305.85	6,251.28	6,062.92	188.36	33.187		
18,200.00	7,263.50	7,221.21	7,220.93	318.61	30.84	-89.65	-2,418.62	-4,305.85	6,338.85	6,151.18	187.67	33.776		
18,300.00	7,263.68	7,221.16	7,220.88	321.45	30.84	-89.65	-2,418.62	-4,305.85	6,426.78	6,239.79	186.99	34.370		
18,400.00	7,263.86	7,221.11	7,220.84	324.29	30.84	-89.65	-2,418.62	-4,305.85	6,515.07	6,328.75	186.32	34.967		
18,500.00	7,264.04	7,221.07	7,220.79	327.13	30.84	-89.64	-2,418.62	-4,305.85	6,603.68	6,418.02	185.66	35.568		
18,600.00	7,264.21	7,221.02	7,220.74	329.97	30.84	-89.64	-2,418.62	-4,305.85	6,692.62	6,507.60	185.02	36.172		
18,700.00	7,264.39	7,220.97	7,220.70	332.82	30.84	-89.64	-2,418.62	-4,305.85	6,781.87	6,597.48	184.39	36.781		
18,800.00	7,264.57	7,220.93	7,220.65	335.66	30.84	-89.64	-2,418.62	-4,305.85	6,871.41	6,687.64	183.76	37.392		
18,900.00	7,264.74	7,220.88	7,220.60	338.51	30.84	-89.64	-2,418.62	-4,305.85	6,961.23	6,778.08	183.15	38.007		
19,000.00	7,264.92	7,220.83	7,220.56	341.35	30.84	-89.64	-2,418.62	-4,305.85	7,051.33	6,868.78	182.56	38.626		
19,044.52	7,265.00	7,220.81	7,220.54	342.62	30.84	-89.64	-2,418.62	-4,305.85	7,091.53	6,909.24	182.29	38.902		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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
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	7,248.27	10,084.89	7,280.91	79.33	70.30	-97.66	469.48	-11,189.24	9,924.31	9,824.18	100.12	99.121		
9,700.00	7,248.45	10,084.49	7,280.92	81.88	70.29	-97.68	469.88	-11,189.24	9,824.32	9,724.18	100.14	98.106		
9,800.00	7,248.62	10,084.08	7,280.92	84.45	70.28	-97.70	470.29	-11,189.25	9,724.33	9,624.17	100.16	97.091		
9,900.00	7,248.80	10,083.67	7,280.92	87.04	70.27	-97.73	470.70	-11,189.26	9,624.34	9,524.17	100.18	96.074		
10,000.00	7,248.98	10,083.25	7,280.92	89.65	70.26	-97.75	471.12	-11,189.26	9,524.36	9,424.16	100.20	95.057		
10,100.00	7,249.15	10,082.82	7,280.93	92.28	70.26	-97.77	471.55	-11,189.27	9,424.37	9,324.15	100.22	94.040		
10,200.00	7,249.33	10,082.39	7,280.93	94.91	70.25	-97.79	471.98	-11,189.28	9,324.38	9,224.15	100.24	93.021		
10,300.00	7,249.51	10,081.94	7,280.93	97.56	70.24	-97.82	472.43	-11,189.28	9,224.40	9,124.14	100.26	92.002		
10,400.00	7,249.69	10,081.50	7,280.94	100.22	70.23	-97.84	472.87	-11,189.29	9,124.41	9,024.13	100.29	90.983		
10,500.00	7,249.86	10,081.04	7,280.94	102.89	70.22	-97.86	473.33	-11,189.30	9,024.43	8,924.11	100.31	89.963		
10,600.00	7,250.04	10,080.58	7,280.94	105.57	70.22	-97.89	473.79	-11,189.30	8,924.44	8,824.10	100.34	88.942		
10,700.00	7,250.22	10,080.11	7,280.95	108.27	70.21	-97.91	474.26	-11,189.31	8,824.46	8,724.09	100.37	87.921		
10,800.00	7,250.39	10,079.63	7,280.95	110.96	70.20	-97.94	474.74	-11,189.32	8,724.47	8,624.07	100.40	86.899		
10,900.00	7,250.57	10,079.14	7,280.95	113.67	70.19	-97.97	475.23	-11,189.33	8,624.49	8,524.06	100.43	85.878		
11,000.00	7,250.75	10,078.65	7,280.95	116.39	70.18	-97.99	475.72	-11,189.34	8,524.50	8,424.04	100.46	84.855		
11,100.00	7,250.93	10,078.15	7,280.96	119.11	70.17	-98.02	476.22	-11,189.35	8,424.52	8,324.03	100.49	83.833		
11,200.00	7,251.10	10,077.64	7,280.96	121.83	70.16	-98.05	476.73	-11,189.35	8,324.54	8,224.01	100.53	82.810		
11,300.00	7,251.28	10,077.12	7,280.97	124.57	70.15	-98.08	477.25	-11,189.36	8,224.55	8,123.99	100.56	81.786		
11,400.00	7,251.46	10,076.59	7,280.97	127.31	70.14	-98.11	477.78	-11,189.37	8,124.57	8,023.97	100.60	80.763		
11,500.00	7,251.63	10,076.05	7,280.97	130.05	70.13	-98.14	478.32	-11,189.38	8,024.59	7,923.95	100.64	79.739		
11,600.00	7,251.81	10,075.50	7,280.98	132.80	70.12	-98.17	478.87	-11,189.39	7,924.60	7,823.93	100.67	78.716		
11,700.00	7,251.99	10,074.94	7,280.98	135.55	70.11	-98.20	479.43	-11,189.40	7,824.62	7,723.91	100.71	77.692		
11,800.00	7,252.17	10,074.37	7,280.98	138.31	70.10	-98.23	479.99	-11,189.41	7,724.64	7,623.88	100.75	76.668		
11,900.00	7,252.34	10,073.80	7,280.99	141.07	70.09	-98.27	480.57	-11,189.42	7,624.66	7,523.86	100.80	75.644		
12,000.00	7,252.52	10,073.21	7,280.99	143.84	70.08	-98.30	481.16	-11,189.43	7,524.68	7,423.84	100.84	74.620		
12,100.00	7,252.70	10,072.61	7,281.00	146.61	70.07	-98.34	481.76	-11,189.44	7,424.70	7,323.81	100.89	73.596		
12,200.00	7,252.87	12,200.00	7,281.20	149.38	110.30	-100.30	508.57	-11,190.08	7,324.90	7,183.29	141.61	51.725		
12,300.00	7,253.05	12,300.00	7,281.22	152.16	112.21	-100.45	510.17	-11,190.11	7,224.91	7,081.33	143.58	50.319		
12,400.00	7,253.23	12,400.00	7,281.24	154.94	114.13	-100.60	511.77	-11,190.13	7,124.92	6,979.37	145.55	48.951		
12,500.00	7,253.41	12,500.00	7,281.26	157.72	116.04	-100.76	513.37	-11,190.16	7,024.94	6,877.41	147.52	47.619		
12,600.00	7,253.58	12,600.00	7,281.27	160.51	117.96	-100.92	514.97	-11,190.18	6,924.95	6,775.45	149.50	46.322		
12,700.00	7,253.76	12,700.00	7,281.29	163.29	119.87	-101.08	516.57	-11,190.20	6,824.96	6,673.49	151.47	45.058		
12,800.00	7,253.94	12,800.00	7,281.31	166.08	121.79	-101.25	518.17	-11,190.23	6,724.98	6,571.53	153.45	43.826		
12,900.00	7,254.11	12,900.00	7,281.33	168.88	123.71	-101.43	519.77	-11,190.25	6,624.99	6,469.57	155.42	42.625		
13,000.00	7,254.29	13,000.00	7,281.35	171.67	125.63	-101.61	521.37	-11,190.28	6,525.00	6,367.60	157.40	41.455		
13,100.00	7,254.47	13,100.00	7,281.37	174.47	127.54	-101.80	522.97	-11,190.30	6,425.02	6,265.64	159.38	40.312		
13,200.00	7,254.65	13,200.00	7,281.39	177.27	129.46	-101.99	524.57	-11,190.33	6,325.03	6,163.67	161.36	39.198		
13,300.00	7,254.82	13,300.00	7,281.41	180.07	131.38	-102.18	526.17	-11,190.35	6,225.04	6,061.70	163.34	38.111		
13,400.00	7,255.00	13,400.00	7,281.43	182.87	133.30	-102.39	527.77	-11,190.38	6,125.06	5,959.73	165.32	37.049		
13,500.00	7,255.18	13,500.00	7,281.45	185.67	135.22	-102.60	529.37	-11,190.40	6,025.07	5,857.76	167.31	36.012		
13,600.00	7,255.35	13,600.00	7,281.47	188.48	137.14	-102.81	530.97	-11,190.42	5,925.08	5,755.79	169.29	34.999		
13,700.00	7,255.53	13,700.00	7,281.49	191.29	139.06	-103.04	532.57	-11,190.45	5,825.10	5,653.82	171.28	34.010		
13,800.00	7,255.71	13,800.00	7,281.51	194.10	140.99	-103.27	534.17	-11,190.47	5,725.11	5,551.85	173.27	33.042		
13,900.00	7,255.89	13,900.00	7,281.53	196.91	142.91	-103.50	535.77	-11,190.50	5,625.13	5,449.87	175.25	32.097		
14,000.00	7,256.06	14,000.00	7,282.95	199.72	143.54	114.25	677.32	-11,190.88	5,525.14	5,349.64	175.50	31.482		
14,100.00	7,256.24	14,100.00	7,282.95	202.53	145.43	114.64	676.39	-11,190.89	5,425.14	5,247.69	177.46	30.572		
14,200.00	7,256.42	14,200.00	7,282.94	205.35	147.32	115.04	675.46	-11,190.90	5,325.15	5,145.74	179.41	29.681		
14,300.00	7,256.59	14,300.00	7,282.93	208.16	149.22	115.45	674.53	-11,190.91	5,225.15	5,043.79	181.37	28.809		
14,400.00	7,256.77	14,400.00	7,282.92	210.98	151.11	115.88	673.60	-11,190.92	5,125.16	4,941.83	183.33	27.956		
14,500.00	7,256.95	14,500.00	7,282.92	213.80	153.00	116.32	672.66	-11,190.93	5,025.17	4,839.88	185.29	27.121		
14,600.00	7,257.13	14,600.00	7,282.91	216.62	154.90	116.78	671.73	-11,190.93	4,925.17	4,737.92	187.25	26.303		
14,700.00	7,257.30	9,852.00	7,283.15	219.44	66.05	106.98	702.33	-11,190.63	4,825.28	4,727.37	97.91	49.281		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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
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		
14,800.00	7,257.48	9,852.00	7,283.15	222.26	66.05	106.98	702.33	-11,190.63	4,725.29	4,627.29	98.00	48.218		
14,900.00	7,257.66	9,852.00	7,283.15	225.08	66.05	106.98	702.33	-11,190.63	4,625.31	4,527.22	98.08	47.156		
15,000.00	7,257.83	9,852.00	7,283.15	227.91	66.05	106.98	702.33	-11,190.63	4,525.32	4,427.15	98.17	46.096		
15,100.00	7,258.01	9,852.00	7,283.15	230.73	66.05	106.98	702.33	-11,190.63	4,425.34	4,327.08	98.26	45.036		
15,200.00	7,258.19	9,852.00	7,283.15	233.56	66.05	106.98	702.33	-11,190.63	4,325.36	4,227.00	98.35	43.977		
15,300.00	7,258.37	9,852.00	7,283.15	236.38	66.05	106.98	702.33	-11,190.63	4,225.37	4,126.92	98.45	42.920		
15,400.00	7,258.54	9,852.00	7,283.15	239.21	66.05	106.98	702.33	-11,190.63	4,125.39	4,026.85	98.54	41.863		
15,500.00	7,258.72	9,852.00	7,283.15	242.04	66.05	106.98	702.33	-11,190.63	4,025.41	3,926.77	98.64	40.808		
15,600.00	7,258.90	9,852.00	7,283.15	244.87	66.05	106.98	702.33	-11,190.63	3,925.43	3,826.69	98.74	39.753		
15,700.00	7,259.08	9,852.00	7,283.15	247.70	66.05	106.98	702.33	-11,190.63	3,825.45	3,726.60	98.85	38.700		
15,800.00	7,259.25	9,852.00	7,283.15	250.53	66.05	106.98	702.33	-11,190.63	3,725.47	3,626.52	98.96	37.648		
15,900.00	7,259.43	9,852.00	7,283.15	253.36	66.05	106.98	702.33	-11,190.63	3,625.50	3,526.43	99.07	36.597		
16,000.00	7,259.61	9,852.00	7,283.15	256.19	66.05	106.98	702.33	-11,190.63	3,525.52	3,426.34	99.18	35.547		
16,100.00	7,259.78	9,852.00	7,283.15	259.02	66.05	106.98	702.33	-11,190.63	3,425.55	3,326.25	99.30	34.498		
16,200.00	7,259.96	9,874.14	7,283.11	261.85	66.45	113.24	680.19	-11,191.07	3,325.57	3,225.89	99.68	33.362		
16,300.00	7,260.14	9,889.47	7,283.03	264.68	66.72	120.84	664.86	-11,191.30	3,225.58	3,125.57	100.01	32.252		
16,400.00	7,260.32	9,898.49	7,282.97	267.52	66.89	127.80	655.85	-11,191.41	3,125.59	3,025.33	100.26	31.175		
16,500.00	7,260.49	9,904.42	7,282.92	270.35	66.99	134.02	649.91	-11,191.46	3,025.60	2,925.13	100.46	30.116		
16,600.00	7,260.67	9,908.63	7,282.88	273.19	67.07	139.51	645.71	-11,191.50	2,925.60	2,824.96	100.64	29.070		
16,700.00	7,260.85	9,911.76	7,282.85	276.02	67.12	144.30	642.57	-11,191.52	2,825.61	2,724.81	100.80	28.031		
16,800.00	7,261.02	9,914.19	7,282.83	278.86	67.17	148.46	640.14	-11,191.53	2,725.61	2,624.66	100.95	27.000		
16,900.00	7,261.20	9,916.13	7,282.81	281.69	67.20	152.07	638.21	-11,191.55	2,625.62	2,524.53	101.09	25.972		
17,000.00	7,261.38	9,917.71	7,282.79	284.53	67.23	155.22	636.63	-11,191.55	2,525.62	2,424.39	101.23	24.950		
17,100.00	7,261.56	9,919.02	7,282.78	287.37	67.25	157.96	635.32	-11,191.56	2,425.63	2,324.27	101.36	23.930		
17,200.00	7,261.73	9,920.13	7,282.77	290.21	67.27	160.37	634.21	-11,191.57	2,325.63	2,224.14	101.50	22.914		
17,300.00	7,261.91	9,921.07	7,282.76	293.04	67.29	162.50	633.26	-11,191.57	2,225.64	2,124.01	101.63	21.900		
17,400.00	7,262.09	9,921.89	7,282.75	295.88	67.30	164.38	632.44	-11,191.57	2,125.65	2,023.89	101.76	20.889		
17,500.00	7,262.26	9,922.61	7,282.74	298.72	67.32	166.05	631.72	-11,191.58	2,025.65	1,923.76	101.89	19.881		
17,600.00	7,262.44	9,923.24	7,282.73	301.56	67.33	167.54	631.09	-11,191.58	1,925.66	1,823.64	102.02	18.875		
17,700.00	7,262.62	9,923.80	7,282.72	304.40	67.34	168.89	630.53	-11,191.58	1,825.67	1,723.51	102.16	17.871		
17,800.00	7,262.80	9,924.31	7,282.72	307.24	67.35	170.10	630.03	-11,191.58	1,725.68	1,623.38	102.30	16.869		
17,900.00	7,262.97	9,924.76	7,282.71	310.08	67.36	171.20	629.58	-11,191.58	1,625.69	1,523.25	102.44	15.870		
18,000.00	7,263.15	9,925.17	7,282.71	312.92	67.36	172.20	629.17	-11,191.58	1,525.70	1,423.11	102.58	14.873		
18,100.00	7,263.33	9,925.54	7,282.70	315.76	67.37	173.11	628.80	-11,191.59	1,425.71	1,322.97	102.74	13.877		
18,200.00	7,263.50	9,925.87	7,282.70	318.61	67.38	173.94	628.46	-11,191.59	1,325.72	1,222.83	102.89	12.884		
18,300.00	7,263.68	9,926.18	7,282.69	321.45	67.38	174.71	628.15	-11,191.59	1,225.74	1,122.68	103.06	11.893		
18,400.00	7,263.86	9,926.47	7,282.69	324.29	67.39	175.42	627.87	-11,191.59	1,125.76	1,022.52	103.24	10.904		
18,500.00	7,264.04	9,926.73	7,282.69	327.13	67.39	176.08	627.61	-11,191.59	1,025.78	922.35	103.43	9.917		
18,600.00	7,264.21	9,926.97	7,282.68	329.97	67.40	176.68	627.36	-11,191.59	925.81	822.16	103.65	8.932		
18,700.00	7,264.39	9,927.20	7,282.68	332.82	67.40	177.25	627.14	-11,191.59	825.84	721.95	103.89	7.949		
18,800.00	7,264.57	9,927.41	7,282.68	335.66	67.40	177.77	626.93	-11,191.59	725.89	621.72	104.17	6.968		
18,900.00	7,264.74	9,927.61	7,282.68	338.51	67.41	178.27	626.73	-11,191.59	625.94	521.43	104.51	5.989		
19,000.00	7,264.92	9,927.79	7,282.67	341.35	67.41	178.73	626.55	-11,191.59	526.02	421.08	104.95	5.012		
19,044.52	7,265.00	9,927.87	7,282.67	342.62	67.41	178.92	626.47	-11,191.59	481.55	376.36	105.19	4.578 CC, ES, SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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	7,247.74	10,283.66	7,186.10	71.80	74.50	-76.66	316.64	-10,946.36	9,984.94	9,881.99	102.95	96.988		
9,400.00	7,247.91	10,282.19	7,186.13	74.29	74.47	-76.60	318.10	-10,946.40	9,884.99	9,782.05	102.94	96.024		
9,500.00	7,248.09	10,280.72	7,186.15	76.79	74.44	-76.55	319.57	-10,946.45	9,785.04	9,682.10	102.94	95.059		
9,600.00	7,248.27	10,279.22	7,186.17	79.33	74.42	-76.49	321.07	-10,946.49	9,685.09	9,582.16	102.93	94.092		
9,700.00	7,248.45	10,277.71	7,186.19	81.88	74.39	-76.42	322.58	-10,946.54	9,585.15	9,482.22	102.93	93.125		
9,800.00	7,248.62	10,276.19	7,186.21	84.45	74.36	-76.36	324.10	-10,946.59	9,485.20	9,382.27	102.92	92.156		
9,900.00	7,248.80	10,274.65	7,186.23	87.04	74.33	-76.30	325.64	-10,946.63	9,385.25	9,282.33	102.92	91.187		
10,000.00	7,248.98	10,273.09	7,186.24	89.65	74.30	-76.23	327.20	-10,946.68	9,285.31	9,182.39	102.92	90.216		
10,100.00	7,249.15	10,271.51	7,186.26	92.28	74.27	-76.17	328.77	-10,946.73	9,185.36	9,082.44	102.92	89.245		
10,200.00	7,249.33	10,269.92	7,186.28	94.91	74.24	-76.10	330.36	-10,946.78	9,085.42	8,982.49	102.93	88.272		
10,300.00	7,249.51	10,268.31	7,186.29	97.56	74.21	-76.03	331.97	-10,946.83	8,985.48	8,882.55	102.93	87.298		
10,400.00	7,249.69	10,266.68	7,186.30	100.22	74.18	-75.95	333.60	-10,946.89	8,885.53	8,782.60	102.93	86.324		
10,500.00	7,249.86	10,265.04	7,186.32	102.89	74.15	-75.88	335.24	-10,946.94	8,785.59	8,682.65	102.94	85.348		
10,600.00	7,250.04	10,263.37	7,186.33	105.57	74.12	-75.80	336.91	-10,946.99	8,685.65	8,582.70	102.94	84.372		
10,700.00	7,250.22	10,261.69	7,186.34	108.27	74.09	-75.73	338.59	-10,947.05	8,585.71	8,482.76	102.95	83.395		
10,800.00	7,250.39	10,259.99	7,186.35	110.96	74.06	-75.65	340.29	-10,947.10	8,485.77	8,382.81	102.96	82.417		
10,900.00	7,250.57	10,258.27	7,186.36	113.67	74.03	-75.57	342.01	-10,947.16	8,385.83	8,282.86	102.97	81.439		
11,000.00	7,250.75	10,256.53	7,186.37	116.39	74.00	-75.48	343.75	-10,947.22	8,285.89	8,182.91	102.98	80.459		
11,100.00	7,250.93	10,254.77	7,186.37	119.11	73.96	-75.40	345.51	-10,947.28	8,185.95	8,082.96	102.99	79.479		
11,200.00	7,251.10	10,252.99	7,186.38	121.83	73.93	-75.31	347.28	-10,947.34	8,086.02	7,983.01	103.01	78.498		
11,300.00	7,251.28	10,251.19	7,186.38	124.57	73.90	-75.22	349.08	-10,947.40	7,986.08	7,883.06	103.02	77.517		
11,400.00	7,251.46	11,400.00	7,186.12	127.31	95.62	-72.30	396.17	-10,948.87	7,886.14	7,760.80	125.34	62.917		
11,500.00	7,251.63	11,500.00	7,186.09	130.05	97.54	-72.08	399.07	-10,948.95	7,786.19	7,658.85	127.34	61.145		
11,600.00	7,251.81	11,600.00	7,186.07	132.80	99.47	-71.86	401.98	-10,949.03	7,686.23	7,556.89	129.34	59.427		
11,700.00	7,251.99	11,700.00	7,186.05	135.55	101.40	-71.63	404.88	-10,949.11	7,586.28	7,454.94	131.34	57.761		
11,800.00	7,252.17	11,800.00	7,186.02	138.31	103.33	-71.40	407.79	-10,949.20	7,486.33	7,352.99	133.34	56.145		
11,900.00	7,252.34	11,900.00	7,186.00	141.07	105.26	-71.16	410.69	-10,949.28	7,386.37	7,251.03	135.34	54.576		
12,000.00	7,252.52	12,000.00	7,185.98	143.84	107.20	-70.91	413.59	-10,949.36	7,286.42	7,149.08	137.35	53.052		
12,100.00	7,252.70	10,040.00	7,185.08	146.61	70.06	-41.44	560.21	-10,952.18	7,186.58	7,088.04	98.54	72.934		
12,200.00	7,252.87	10,040.00	7,185.08	149.38	70.06	-41.44	560.21	-10,952.18	7,086.59	6,988.01	98.58	71.886		
12,300.00	7,253.05	10,040.00	7,185.08	152.16	70.06	-41.44	560.21	-10,952.18	6,986.60	6,887.97	98.63	70.839		
12,400.00	7,253.23	10,040.00	7,185.08	154.94	70.06	-41.44	560.21	-10,952.18	6,886.61	6,787.93	98.67	69.791		
12,500.00	7,253.41	10,040.00	7,185.08	157.72	70.06	-41.44	560.21	-10,952.18	6,786.62	6,687.90	98.72	68.745		
12,600.00	7,253.58	10,040.00	7,185.08	160.51	70.06	-41.44	560.21	-10,952.18	6,686.63	6,587.86	98.77	67.698		
12,700.00	7,253.76	10,040.00	7,185.08	163.29	70.06	-41.44	560.21	-10,952.18	6,586.64	6,487.82	98.82	66.652		
12,800.00	7,253.94	10,040.00	7,185.08	166.08	70.06	-41.44	560.21	-10,952.18	6,486.65	6,387.78	98.87	65.606		
12,900.00	7,254.11	10,040.00	7,185.08	168.88	70.06	-41.44	560.21	-10,952.18	6,386.66	6,287.74	98.93	64.560		
13,000.00	7,254.29	10,040.00	7,185.08	171.67	70.06	-41.44	560.21	-10,952.18	6,286.68	6,187.70	98.98	63.515		
13,100.00	7,254.47	10,040.00	7,185.08	174.47	70.06	-41.44	560.21	-10,952.18	6,186.69	6,087.66	99.03	62.471		
13,200.00	7,254.65	10,040.00	7,185.08	177.27	70.06	-41.44	560.21	-10,952.18	6,086.70	5,987.61	99.09	61.427		
13,300.00	7,254.82	10,040.00	7,185.08	180.07	70.06	-41.44	560.21	-10,952.18	5,986.72	5,887.57	99.15	60.383		
13,400.00	7,255.00	10,040.00	7,185.08	182.87	70.06	-41.44	560.21	-10,952.18	5,886.73	5,787.53	99.20	59.340		
13,500.00	7,255.18	10,040.00	7,185.08	185.67	70.06	-41.44	560.21	-10,952.18	5,786.74	5,687.48	99.26	58.298		
13,600.00	7,255.35	10,040.00	7,185.08	188.48	70.06	-41.44	560.21	-10,952.18	5,686.76	5,587.44	99.32	57.256		
13,700.00	7,255.53	10,040.00	7,185.08	191.29	70.06	-41.44	560.21	-10,952.18	5,586.77	5,487.39	99.38	56.215		
13,800.00	7,255.71	10,040.00	7,185.08	194.10	70.06	-41.44	560.21	-10,952.18	5,486.79	5,387.35	99.44	55.174		
13,900.00	7,255.89	10,040.00	7,185.08	196.91	70.06	-41.44	560.21	-10,952.18	5,386.81	5,287.30	99.51	54.135		
14,000.00	7,256.06	10,040.00	7,185.08	199.72	70.06	-41.44	560.21	-10,952.18	5,286.82	5,187.25	99.57	53.096		
14,100.00	7,256.24	10,040.00	7,185.08	202.53	70.06	-41.44	560.21	-10,952.18	5,186.84	5,087.21	99.64	52.057		
14,200.00	7,256.42	10,040.00	7,185.08	205.35	70.06	-41.44	560.21	-10,952.18	5,086.86	4,987.16	99.70	51.020		
14,300.00	7,256.59	10,040.00	7,185.08	208.16	70.06	-41.44	560.21	-10,952.18	4,986.88	4,887.11	99.77	49.983		
14,400.00	7,256.77	10,040.00	7,185.08	210.98	70.06	-41.44	560.21	-10,952.18	4,886.90	4,787.06	99.84	48.948		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
14,500.00	7,256.95	10,040.00	7,185.08	213.80	70.06	-41.44	560.21	-10,952.18	4,786.92	4,687.01	99.91	47.913		
14,600.00	7,257.13	10,040.00	7,185.08	216.62	70.06	-41.44	560.21	-10,952.18	4,686.94	4,586.96	99.98	46.879		
14,700.00	7,257.30	10,040.00	7,185.08	219.44	70.06	-41.44	560.21	-10,952.18	4,586.97	4,486.91	100.05	45.845		
14,800.00	7,257.48	10,040.00	7,185.08	222.26	70.06	-41.44	560.21	-10,952.18	4,486.99	4,386.86	100.13	44.813		
14,900.00	7,257.66	10,040.00	7,185.08	225.08	70.06	-41.44	560.21	-10,952.18	4,387.01	4,286.81	100.20	43.782		
15,000.00	7,257.83	10,040.00	7,185.08	227.91	70.06	-41.44	560.21	-10,952.18	4,287.04	4,186.76	100.28	42.752		
15,100.00	7,258.01	10,040.00	7,185.08	230.73	70.06	-41.44	560.21	-10,952.18	4,187.07	4,086.71	100.36	41.722		
15,200.00	7,258.19	10,040.00	7,185.08	233.56	70.06	-41.44	560.21	-10,952.18	4,087.10	3,986.66	100.44	40.694		
15,300.00	7,258.37	10,040.00	7,185.08	236.38	70.06	-41.44	560.21	-10,952.18	3,987.13	3,886.61	100.52	39.666		
15,400.00	7,258.54	10,040.00	7,185.08	239.21	70.06	-41.44	560.21	-10,952.18	3,887.16	3,786.56	100.60	38.640		
15,500.00	7,258.72	10,022.75	7,185.07	242.04	69.75	-33.06	577.46	-10,952.36	3,787.12	3,686.95	100.17	37.807		
15,600.00	7,258.90	10,022.04	7,185.07	244.87	69.74	-32.67	578.17	-10,952.37	3,687.15	3,586.92	100.22	36.789		
15,700.00	7,259.08	10,021.31	7,185.07	247.70	69.73	-32.27	578.89	-10,952.37	3,587.18	3,486.90	100.28	35.772		
15,800.00	7,259.25	10,020.56	7,185.07	250.53	69.72	-31.86	579.64	-10,952.38	3,487.21	3,386.87	100.33	34.756		
15,900.00	7,259.43	10,019.80	7,185.07	253.36	69.70	-31.43	580.41	-10,952.39	3,387.24	3,286.85	100.39	33.741		
16,000.00	7,259.61	10,019.01	7,185.08	256.19	69.69	-30.99	581.19	-10,952.40	3,287.28	3,186.83	100.44	32.728		
16,100.00	7,259.78	10,018.21	7,185.08	259.02	69.67	-30.53	582.00	-10,952.41	3,187.31	3,086.81	100.50	31.716		
16,200.00	7,259.96	10,017.38	7,185.08	261.85	69.66	-30.06	582.82	-10,952.42	3,087.35	2,986.80	100.55	30.705		
16,300.00	7,260.14	10,016.53	7,185.08	264.68	69.64	-29.57	583.67	-10,952.44	2,987.39	2,886.79	100.60	29.695		
16,400.00	7,260.32	10,015.66	7,185.08	267.52	69.63	-29.06	584.55	-10,952.45	2,887.43	2,786.78	100.65	28.687		
16,500.00	7,260.49	10,014.76	7,185.08	270.35	69.61	-28.53	585.44	-10,952.46	2,787.48	2,686.77	100.70	27.680		
16,600.00	7,260.67	10,013.84	7,185.09	273.19	69.60	-27.98	586.36	-10,952.47	2,687.52	2,586.77	100.75	26.674		
16,700.00	7,260.85	10,012.89	7,185.09	276.02	69.58	-27.41	587.31	-10,952.49	2,587.57	2,486.77	100.80	25.670		
16,800.00	7,261.02	10,011.92	7,185.09	278.86	69.56	-26.81	588.29	-10,952.50	2,487.63	2,386.78	100.85	24.668		
16,900.00	7,261.20	10,010.92	7,185.10	281.69	69.54	-26.19	589.29	-10,952.51	2,387.69	2,286.80	100.89	23.666		
17,000.00	7,261.38	10,009.88	7,185.10	284.53	69.53	-25.55	590.32	-10,952.53	2,287.75	2,186.82	100.93	22.666		
17,100.00	7,261.56	10,008.82	7,185.10	287.37	69.51	-24.88	591.39	-10,952.55	2,187.82	2,086.85	100.97	21.668		
17,200.00	7,261.73	10,007.72	7,185.11	290.21	69.49	-24.18	592.48	-10,952.56	2,087.89	1,986.88	101.01	20.671		
17,300.00	7,261.91	10,006.59	7,185.11	293.04	69.47	-23.45	593.61	-10,952.58	1,987.97	1,886.93	101.04	19.675		
17,400.00	7,262.09	10,005.43	7,185.11	295.88	69.45	-22.69	594.78	-10,952.60	1,888.06	1,786.99	101.07	18.681		
17,500.00	7,262.26	10,004.22	7,185.12	298.72	69.43	-21.90	595.98	-10,952.62	1,788.15	1,687.06	101.09	17.689		
17,600.00	7,262.44	10,002.98	7,185.12	301.56	69.40	-21.07	597.22	-10,952.64	1,688.26	1,587.15	101.11	16.698		
17,700.00	7,262.62	10,001.70	7,185.13	304.40	69.38	-20.21	598.51	-10,952.66	1,588.37	1,487.25	101.12	15.708		
17,800.00	7,262.80	10,000.37	7,185.14	307.24	69.36	-19.30	599.83	-10,952.68	1,488.51	1,387.38	101.12	14.720		
17,900.00	7,262.97	9,999.00	7,185.14	310.08	69.33	-18.36	601.20	-10,952.71	1,388.66	1,287.54	101.12	13.733		
18,000.00	7,263.15	9,997.58	7,185.15	312.92	69.31	-17.37	602.62	-10,952.73	1,288.83	1,187.72	101.10	12.748		
18,100.00	7,263.33	9,996.11	7,185.16	315.76	69.28	-16.33	604.09	-10,952.76	1,189.02	1,087.95	101.08	11.764		
18,200.00	7,263.50	9,994.59	7,185.17	318.61	69.25	-15.25	605.61	-10,952.78	1,089.25	988.22	101.04	10.781		
18,300.00	7,263.68	9,993.01	7,185.18	321.45	69.23	-14.11	607.19	-10,952.81	989.53	888.54	100.98	9.799		
18,400.00	7,263.86	9,991.38	7,185.19	324.29	69.20	-12.92	608.82	-10,952.84	889.86	788.95	100.91	8.818		
18,500.00	7,264.04	9,989.68	7,185.20	327.13	69.17	-11.67	610.52	-10,952.88	790.27	689.44	100.83	7.838		
18,600.00	7,264.21	9,987.91	7,185.21	329.97	69.14	-10.36	612.29	-10,952.91	690.79	590.06	100.74	6.857		
18,700.00	7,264.39	9,986.08	7,185.22	332.82	69.10	-8.99	614.12	-10,952.95	591.49	490.82	100.67	5.876		
18,800.00	7,264.57	9,984.17	7,185.24	335.66	69.07	-7.54	616.03	-10,952.99	492.46	391.78	100.68	4.891		
18,900.00	7,264.74	9,982.19	7,185.25	338.51	69.03	-6.03	618.01	-10,953.03	393.91	292.93	100.98	3.901		
19,000.00	7,264.92	9,980.12	7,185.27	341.35	69.00	-4.45	620.08	-10,953.07	296.32	194.11	102.20	2.899		
19,044.52	7,265.00	9,979.17	7,185.28	342.62	68.98	-3.72	621.03	-10,953.09	253.47	149.96	103.50	2.449 CC, ES, SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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	7,248.09	9,881.00	7,111.01	76.79	69.53	-35.56	519.69	-11,123.53	9,958.75	9,860.24	98.51	101.096		
9,600.00	7,248.27	9,881.00	7,111.01	79.33	69.53	-35.56	519.69	-11,123.53	9,858.77	9,760.25	98.52	100.066		
9,700.00	7,248.45	9,881.00	7,111.01	81.88	69.53	-35.56	519.69	-11,123.53	9,758.79	9,660.25	98.54	99.036		
9,800.00	7,248.62	9,881.00	7,111.01	84.45	69.53	-35.56	519.69	-11,123.53	9,658.80	9,560.25	98.55	98.004		
9,900.00	7,248.80	9,881.00	7,111.01	87.04	69.53	-35.56	519.69	-11,123.53	9,558.82	9,460.25	98.57	96.972		
10,000.00	7,248.98	9,881.00	7,111.01	89.65	69.53	-35.56	519.69	-11,123.53	9,458.84	9,360.25	98.59	95.940		
10,100.00	7,249.15	9,881.00	7,111.01	92.28	69.53	-35.56	519.69	-11,123.53	9,358.86	9,260.25	98.61	94.906		
10,200.00	7,249.33	9,881.00	7,111.01	94.91	69.53	-35.56	519.69	-11,123.53	9,258.88	9,160.25	98.63	93.872		
10,300.00	7,249.51	9,881.00	7,111.01	97.56	69.53	-35.56	519.69	-11,123.53	9,158.90	9,060.24	98.65	92.838		
10,400.00	7,249.69	9,881.00	7,111.01	100.22	69.53	-35.56	519.69	-11,123.53	9,058.92	8,960.24	98.68	91.803		
10,500.00	7,249.86	9,881.00	7,111.01	102.89	69.53	-35.56	519.69	-11,123.53	8,958.94	8,860.24	98.70	90.767		
10,600.00	7,250.04	9,881.00	7,111.01	105.57	69.53	-35.56	519.69	-11,123.53	8,858.96	8,760.23	98.73	89.731		
10,700.00	7,250.22	9,881.00	7,111.01	108.27	69.53	-35.56	519.69	-11,123.53	8,758.98	8,660.23	98.75	88.695		
10,800.00	7,250.39	9,881.00	7,111.01	110.96	69.53	-35.56	519.69	-11,123.53	8,659.00	8,560.22	98.78	87.658		
10,900.00	7,250.57	9,881.00	7,111.01	113.67	69.53	-35.56	519.69	-11,123.53	8,559.03	8,460.22	98.81	86.620		
11,000.00	7,250.75	9,881.00	7,111.01	116.39	69.53	-35.56	519.69	-11,123.53	8,459.05	8,360.21	98.84	85.583		
11,100.00	7,250.93	9,881.00	7,111.01	119.11	69.53	-35.56	519.69	-11,123.53	8,359.07	8,260.20	98.87	84.545		
11,200.00	7,251.10	9,881.00	7,111.01	121.83	69.53	-35.56	519.69	-11,123.53	8,259.10	8,160.19	98.90	83.507		
11,300.00	7,251.28	9,881.00	7,111.01	124.57	69.53	-35.56	519.69	-11,123.53	8,159.12	8,060.19	98.94	82.468		
11,400.00	7,251.46	9,881.00	7,111.01	127.31	69.53	-35.56	519.69	-11,123.53	8,059.15	7,960.18	98.97	81.430		
11,500.00	7,251.63	9,881.00	7,111.01	130.05	69.53	-35.56	519.69	-11,123.53	7,959.17	7,860.17	99.01	80.391		
11,600.00	7,251.81	9,881.00	7,111.01	132.80	69.53	-35.56	519.69	-11,123.53	7,859.20	7,760.16	99.04	79.352		
11,700.00	7,251.99	9,881.00	7,111.01	135.55	69.53	-35.56	519.69	-11,123.53	7,759.23	7,660.15	99.08	78.313		
11,800.00	7,252.17	9,881.00	7,111.01	138.31	69.53	-35.56	519.69	-11,123.53	7,659.26	7,560.14	99.12	77.274		
11,900.00	7,252.34	9,881.00	7,111.01	141.07	69.53	-35.56	519.69	-11,123.53	7,559.29	7,460.13	99.16	76.235		
12,000.00	7,252.52	9,881.00	7,111.01	143.84	69.53	-35.56	519.69	-11,123.53	7,459.31	7,360.12	99.20	75.196		
12,100.00	7,252.70	9,881.00	7,111.01	146.61	69.53	-35.56	519.69	-11,123.53	7,359.35	7,260.11	99.24	74.157		
12,200.00	7,252.87	9,881.00	7,111.01	149.38	69.53	-35.56	519.69	-11,123.53	7,259.38	7,160.09	99.28	73.118		
12,300.00	7,253.05	9,881.00	7,111.01	152.16	69.53	-35.56	519.69	-11,123.53	7,159.41	7,060.08	99.33	72.079		
12,400.00	7,253.23	9,881.00	7,111.01	154.94	69.53	-35.56	519.69	-11,123.53	7,059.44	6,960.07	99.37	71.040		
12,500.00	7,253.41	9,881.00	7,111.01	157.72	69.53	-35.56	519.69	-11,123.53	6,959.48	6,860.06	99.42	70.002		
12,600.00	7,253.58	9,881.00	7,111.01	160.51	69.53	-35.56	519.69	-11,123.53	6,859.51	6,760.05	99.47	68.964		
12,700.00	7,253.76	9,881.00	7,111.01	163.29	69.53	-35.56	519.69	-11,123.53	6,759.55	6,660.03	99.51	67.926		
12,800.00	7,253.94	9,881.00	7,111.01	166.08	69.53	-35.56	519.69	-11,123.53	6,659.58	6,560.02	99.56	66.888		
12,900.00	7,254.11	9,881.00	7,111.01	168.88	69.53	-35.56	519.69	-11,123.53	6,559.62	6,460.01	99.61	65.850		
13,000.00	7,254.29	9,881.00	7,111.01	171.67	69.53	-35.56	519.69	-11,123.53	6,459.66	6,360.00	99.67	64.813		
13,100.00	7,254.47	9,881.00	7,111.01	174.47	69.53	-35.56	519.69	-11,123.53	6,359.70	6,259.98	99.72	63.776		
13,200.00	7,254.65	9,881.00	7,111.01	177.27	69.53	-35.56	519.69	-11,123.53	6,259.74	6,159.97	99.77	62.739		
13,300.00	7,254.82	9,881.00	7,111.01	180.07	69.53	-35.56	519.69	-11,123.53	6,159.79	6,059.96	99.83	61.703		
13,400.00	7,255.00	9,896.33	7,111.24	182.87	69.81	-39.32	504.36	-11,123.24	6,059.81	5,959.55	100.26	60.440		
13,500.00	7,255.18	9,894.15	7,111.21	185.67	69.77	-38.81	506.54	-11,123.28	5,959.87	5,859.60	100.27	59.439		
13,600.00	7,255.35	9,891.97	7,111.18	188.48	69.73	-38.29	508.72	-11,123.32	5,859.92	5,759.64	100.28	58.438		
13,700.00	7,255.53	9,889.81	7,111.15	191.29	69.69	-37.76	510.88	-11,123.36	5,759.97	5,659.68	100.29	57.436		
13,800.00	7,255.71	9,887.65	7,111.11	194.10	69.65	-37.23	513.04	-11,123.40	5,660.02	5,559.73	100.29	56.434		
13,900.00	7,255.89	9,885.50	7,111.08	196.91	69.61	-36.70	515.19	-11,123.44	5,560.08	5,459.77	100.30	55.432		
14,000.00	7,256.06	9,883.36	7,111.05	199.72	69.57	-36.16	517.33	-11,123.48	5,460.13	5,359.82	100.31	54.430		
14,100.00	7,256.24	9,881.23	7,111.01	202.53	69.53	-35.62	519.46	-11,123.52	5,360.19	5,259.87	100.33	53.428		
14,200.00	7,256.42	9,879.11	7,110.98	205.35	69.49	-35.07	521.58	-11,123.56	5,260.25	5,159.91	100.34	52.426		
14,300.00	7,256.59	9,877.00	7,110.95	208.16	69.45	-34.51	523.69	-11,123.60	5,160.31	5,059.96	100.35	51.424		
14,400.00	7,256.77	9,874.89	7,110.91	210.98	69.41	-33.95	525.79	-11,123.64	5,060.37	4,960.01	100.36	50.421		
14,500.00	7,256.95	9,872.79	7,110.88	213.80	69.38	-33.39	527.89	-11,123.68	4,960.44	4,860.06	100.37	49.419		
14,600.00	7,257.13	9,870.71	7,110.84	216.62	69.34	-32.82	529.98	-11,123.72	4,860.50	4,760.12	100.39	48.417		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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: 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		
14,700.00	7,257.30	9,868.63	7,110.81	219.44	69.30	-32.24	532.06	-11,123.76	4,760.57	4,660.17	100.40	47.415		
14,800.00	7,257.48	9,866.56	7,110.77	222.26	69.26	-31.66	534.13	-11,123.79	4,660.64	4,560.22	100.42	46.413		
14,900.00	7,257.66	9,864.49	7,110.74	225.08	69.22	-31.08	536.19	-11,123.83	4,560.71	4,460.28	100.43	45.412		
15,000.00	7,257.83	9,862.44	7,110.70	227.91	69.19	-30.49	538.24	-11,123.87	4,460.79	4,360.34	100.45	44.410		
15,100.00	7,258.01	9,860.39	7,110.67	230.73	69.15	-29.89	540.29	-11,123.91	4,360.86	4,260.40	100.46	43.409		
15,200.00	7,258.19	9,858.35	7,110.63	233.56	69.11	-29.30	542.33	-11,123.94	4,260.94	4,160.47	100.47	42.408		
15,300.00	7,258.37	9,856.32	7,110.60	236.38	69.07	-28.69	544.36	-11,123.98	4,161.02	4,060.53	100.49	41.407		
15,400.00	7,258.54	9,854.30	7,110.56	239.21	69.04	-28.09	546.38	-11,124.02	4,061.11	3,960.60	100.50	40.407		
15,500.00	7,258.72	9,852.28	7,110.52	242.04	69.00	-27.48	548.39	-11,124.06	3,961.20	3,860.68	100.52	39.407		
15,600.00	7,258.90	9,850.28	7,110.48	244.87	68.96	-26.86	550.40	-11,124.09	3,861.29	3,760.75	100.53	38.408		
15,700.00	7,259.08	9,848.28	7,110.45	247.70	68.92	-26.24	552.40	-11,124.13	3,761.38	3,660.84	100.55	37.409		
15,800.00	7,259.25	9,846.29	7,110.41	250.53	68.89	-25.62	554.39	-11,124.16	3,661.48	3,560.92	100.56	36.410		
15,900.00	7,259.43	9,844.31	7,110.37	253.36	68.85	-24.99	556.37	-11,124.20	3,561.59	3,461.01	100.58	35.412		
16,000.00	7,259.61	9,842.33	7,110.33	256.19	68.81	-24.36	558.34	-11,124.24	3,461.70	3,361.11	100.59	34.414		
16,100.00	7,259.78	9,840.36	7,110.30	259.02	68.78	-23.72	560.31	-11,124.27	3,361.81	3,261.21	100.60	33.417		
16,200.00	7,259.96	9,838.40	7,110.26	261.85	68.74	-23.09	562.27	-11,124.31	3,261.94	3,161.32	100.61	32.421		
16,300.00	7,260.14	9,836.45	7,110.22	264.68	68.71	-22.45	564.22	-11,124.34	3,162.06	3,061.44	100.62	31.425		
16,400.00	7,260.32	9,834.51	7,110.18	267.52	68.67	-21.80	566.17	-11,124.38	3,062.20	2,961.56	100.63	30.429		
16,500.00	7,260.49	9,832.57	7,110.14	270.35	68.64	-21.15	568.10	-11,124.41	2,962.34	2,861.70	100.64	29.434		
16,600.00	7,260.67	9,830.64	7,110.10	273.19	68.60	-20.50	570.03	-11,124.44	2,862.49	2,761.84	100.65	28.440		
16,700.00	7,260.85	9,828.72	7,110.06	276.02	68.56	-19.85	571.95	-11,124.48	2,762.65	2,662.00	100.66	27.447		
16,800.00	7,261.02	9,826.80	7,110.02	278.86	68.53	-19.19	573.87	-11,124.51	2,662.82	2,562.16	100.66	26.454		
16,900.00	7,261.20	9,824.89	7,109.98	281.69	68.49	-18.54	575.77	-11,124.55	2,563.01	2,462.34	100.66	25.461		
17,000.00	7,261.38	9,822.99	7,109.95	284.53	68.46	-17.88	577.67	-11,124.58	2,463.20	2,362.54	100.66	24.470		
17,100.00	7,261.56	9,821.10	7,109.91	287.37	68.42	-17.21	579.57	-11,124.61	2,363.42	2,262.76	100.66	23.479		
17,200.00	7,261.73	9,819.21	7,109.86	290.21	68.39	-16.55	581.45	-11,124.65	2,263.65	2,162.99	100.66	22.489		
17,300.00	7,261.91	9,817.34	7,109.82	293.04	68.36	-15.88	583.33	-11,124.68	2,163.89	2,063.24	100.65	21.499		
17,400.00	7,262.09	9,815.47	7,109.78	295.88	68.32	-15.22	585.20	-11,124.71	2,064.17	1,963.52	100.64	20.510		
17,500.00	7,262.26	9,813.60	7,109.74	298.72	68.29	-14.55	587.06	-11,124.74	1,964.46	1,863.83	100.63	19.521		
17,600.00	7,262.44	9,811.74	7,109.70	301.56	68.25	-13.88	588.92	-11,124.78	1,864.79	1,764.17	100.62	18.533		
17,700.00	7,262.62	9,809.89	7,109.66	304.40	68.22	-13.21	590.77	-11,124.81	1,765.15	1,664.55	100.60	17.546		
17,800.00	7,262.80	9,808.05	7,109.62	307.24	68.18	-12.53	592.61	-11,124.84	1,665.56	1,564.97	100.59	16.559		
17,900.00	7,262.97	9,806.21	7,109.58	310.08	68.15	-11.86	594.45	-11,124.87	1,566.01	1,465.44	100.57	15.571		
18,000.00	7,263.15	9,804.38	7,109.54	312.92	68.12	-11.19	596.28	-11,124.90	1,466.52	1,365.97	100.55	14.584		
18,100.00	7,263.33	9,802.56	7,109.50	315.76	68.08	-10.52	598.10	-11,124.94	1,367.11	1,266.57	100.54	13.597		
18,200.00	7,263.50	9,800.73	7,109.46	318.61	68.04	-9.85	599.93	-11,124.97	1,267.77	1,167.23	100.52	12.610		
18,300.00	7,263.68	9,801.22	7,109.47	321.45	68.06	-10.02	599.44	-11,124.94	1,168.56	1,067.82	100.73	11.600		
18,400.00	7,263.86	9,798.90	7,109.41	324.29	68.01	-9.16	601.76	-11,124.99	1,069.49	968.74	100.75	10.615		
18,500.00	7,264.04	9,796.66	7,109.36	327.13	67.97	-8.32	604.00	-11,125.03	970.61	869.79	100.82	9.627		
18,600.00	7,264.21	9,794.49	7,109.31	329.97	67.93	-7.51	606.17	-11,125.07	871.98	771.01	100.98	8.636		
18,700.00	7,264.39	9,792.39	7,109.26	332.82	67.90	-6.72	608.26	-11,125.11	773.70	672.42	101.28	7.639		
18,800.00	7,264.57	9,790.36	7,109.21	335.66	67.86	-5.95	610.29	-11,125.14	675.92	574.06	101.86	6.636		
18,900.00	7,264.74	9,788.40	7,109.16	338.51	67.82	-5.21	612.26	-11,125.18	578.89	475.99	102.90	5.626		
19,000.00	7,264.92	9,786.49	7,109.12	341.35	67.79	-4.49	614.16	-11,125.21	483.06	378.26	104.80	4.609		
19,044.52	7,265.00	9,785.66	7,109.10	342.62	67.77	-4.18	614.99	-11,125.22	440.99	334.89	106.11	4.156 CC, ES, SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-144.38	-2,552.62	-1,828.68	3,140.12					
100.00	100.00	79.00	79.00	3.28	3.56	-144.38	-2,552.62	-1,828.68	3,140.05	3,133.21	6.84	458.885		
200.00	200.00	179.00	179.00	3.34	5.57	-144.38	-2,552.62	-1,828.68	3,140.05	3,131.14	8.91	352.486 CC		
300.00	299.98	278.98	278.98	3.44	8.64	150.06	-2,552.62	-1,828.68	3,141.56	3,129.48	12.08	259.969		
400.00	399.84	378.84	378.84	3.60	11.94	150.06	-2,552.62	-1,828.68	3,146.10	3,130.56	15.54	202.424		
500.00	499.45	478.45	478.45	3.81	15.31	150.06	-2,552.62	-1,828.68	3,153.66	3,134.54	19.12	164.919		
600.00	598.70	577.70	577.70	4.06	18.71	150.07	-2,552.62	-1,828.68	3,164.24	3,141.47	22.77	138.964		
700.00	697.47	676.47	676.47	4.34	22.11	150.07	-2,552.62	-1,828.68	3,177.84	3,151.38	26.46	120.108		
800.00	795.62	774.62	774.62	4.66	25.51	150.07	-2,552.62	-1,828.68	3,194.45	3,164.28	30.17	105.883		
824.00	819.08	801.92	798.08	4.75	26.45	150.07	-2,552.62	-1,828.68	3,198.89	3,167.69	31.20	102.532		
900.00	893.28	872.28	872.28	5.02	28.89	150.22	-2,552.62	-1,828.68	3,213.21	3,179.32	33.90	94.795		
1,000.00	990.92	969.92	969.92	5.40	32.28	150.41	-2,552.62	-1,828.68	3,232.09	3,194.45	37.64	85.861		
1,100.00	1,088.56	1,067.56	1,067.56	5.80	35.67	150.60	-2,552.62	-1,828.68	3,251.01	3,209.60	41.41	78.505		
1,200.00	1,186.19	1,165.19	1,165.19	6.21	39.07	150.78	-2,552.62	-1,828.68	3,269.96	3,224.76	45.20	72.348		
1,300.00	1,283.83	1,262.83	1,262.83	6.64	42.47	150.96	-2,552.62	-1,828.68	3,288.94	3,239.95	49.00	67.125		
1,400.00	1,381.47	1,360.47	1,360.47	7.08	45.87	151.14	-2,552.62	-1,828.68	3,307.96	3,255.15	52.81	62.641		
1,500.00	1,479.10	1,458.10	1,458.10	7.53	49.27	151.32	-2,552.62	-1,828.68	3,327.00	3,270.37	56.63	58.751		
1,600.00	1,576.74	1,555.74	1,555.74	7.99	52.67	151.50	-2,552.62	-1,828.68	3,346.08	3,285.62	60.46	55.347		
1,700.00	1,674.38	1,653.38	1,653.38	8.45	56.07	151.67	-2,552.62	-1,828.68	3,365.19	3,300.90	64.29	52.343		
1,800.00	1,772.02	1,751.02	1,751.02	8.92	59.47	151.85	-2,552.62	-1,828.68	3,384.33	3,316.20	68.13	49.674		
1,900.00	1,869.65	1,848.65	1,848.65	9.39	62.88	152.02	-2,552.62	-1,828.68	3,403.49	3,331.52	71.98	47.286		
2,000.00	1,967.29	1,946.29	1,946.29	9.87	66.28	152.19	-2,552.62	-1,828.68	3,422.69	3,346.87	75.82	45.139		
2,100.00	2,064.93	2,043.93	2,043.93	10.35	69.69	152.35	-2,552.62	-1,828.68	3,441.92	3,362.24	79.68	43.198		
2,200.00	2,162.56	2,141.56	2,141.56	10.83	73.09	152.52	-2,552.62	-1,828.68	3,461.17	3,377.64	83.53	41.435		
2,300.00	2,260.20	2,239.20	2,239.20	11.32	76.50	152.68	-2,552.62	-1,828.68	3,480.45	3,393.06	87.39	39.827		
2,400.00	2,357.84	2,336.84	2,336.84	11.80	79.90	152.84	-2,552.62	-1,828.68	3,499.76	3,408.51	91.25	38.354		
2,500.00	2,455.48	2,434.48	2,434.48	12.29	83.31	153.00	-2,552.62	-1,828.68	3,519.09	3,423.98	95.11	37.000		
2,600.00	2,553.11	2,532.11	2,532.11	12.78	86.71	153.16	-2,552.62	-1,828.68	3,538.46	3,439.48	98.97	35.751		
2,700.00	2,650.75	2,629.75	2,629.75	13.27	90.12	153.32	-2,552.62	-1,828.68	3,557.84	3,455.00	102.84	34.596		
2,800.00	2,748.39	2,727.39	2,727.39	13.77	93.53	153.47	-2,552.62	-1,828.68	3,577.26	3,470.55	106.70	33.525		
2,900.00	2,846.02	2,825.02	2,825.02	14.26	96.93	153.63	-2,552.62	-1,828.68	3,596.69	3,486.12	110.57	32.528		
3,000.00	2,943.66	2,922.66	2,922.66	14.76	100.34	153.78	-2,552.62	-1,828.68	3,616.16	3,501.72	114.44	31.599		
3,100.00	3,041.30	3,020.30	3,020.30	15.25	103.75	153.93	-2,552.62	-1,828.68	3,635.64	3,517.33	118.31	30.730		
3,200.00	3,138.94	3,117.94	3,117.94	15.75	107.15	154.07	-2,552.62	-1,828.68	3,655.15	3,532.97	122.18	29.916		
3,300.00	3,236.57	3,215.57	3,215.57	16.25	110.56	154.22	-2,552.62	-1,828.68	3,674.69	3,548.64	126.05	29.152		
3,400.00	3,334.21	3,313.21	3,313.21	16.75	113.97	154.37	-2,552.62	-1,828.68	3,694.25	3,564.32	129.92	28.434		
3,500.00	3,431.85	3,410.85	3,410.85	17.25	117.37	154.51	-2,552.62	-1,828.68	3,713.83	3,580.03	133.79	27.758		
3,600.00	3,529.48	3,508.48	3,508.48	17.75	120.78	154.65	-2,552.62	-1,828.68	3,733.43	3,595.76	137.67	27.119		
3,700.00	3,627.12	3,606.12	3,606.12	18.25	124.19	154.79	-2,552.62	-1,828.68	3,753.05	3,611.51	141.54	26.516		
3,800.00	3,724.76	3,703.76	3,703.76	18.75	127.60	154.93	-2,552.62	-1,828.68	3,772.70	3,627.28	145.41	25.945		
3,900.00	3,822.40	3,801.40	3,801.40	19.25	131.00	155.07	-2,552.62	-1,828.68	3,792.37	3,643.08	149.29	25.403		
4,000.00	3,920.03	3,900.97	3,899.03	19.75	134.48	155.21	-2,552.62	-1,828.68	3,812.05	3,658.82	153.23	24.878		
4,100.00	4,017.67	4,003.33	3,996.67	20.25	138.05	155.34	-2,552.62	-1,828.68	3,831.76	3,674.49	157.27	24.364		
4,200.00	4,115.31	4,105.69	4,094.31	20.76	141.62	155.47	-2,552.62	-1,828.68	3,851.49	3,690.18	161.31	23.877		
4,300.00	4,212.94	4,208.06	4,191.94	21.26	145.20	155.61	-2,552.62	-1,828.68	3,871.24	3,705.89	165.35	23.413		
4,400.00	4,310.58	4,289.58	4,289.58	21.76	148.04	155.74	-2,552.62	-1,828.68	3,891.01	3,722.35	169.36	23.070		
4,500.00	4,408.22	4,387.22	4,387.22	22.27	151.45	155.87	-2,552.62	-1,828.68	3,910.80	3,738.26	173.41	22.811		
4,600.00	4,505.86	4,484.86	4,484.86	22.77	154.86	156.00	-2,552.62	-1,828.68	3,930.61	3,754.20	177.51	22.566		
4,700.00	4,603.49	4,582.49	4,582.49	23.28	158.26	156.12	-2,552.62	-1,828.68	3,950.44	3,770.15	181.66	22.321		
4,800.00	4,701.13	4,680.13	4,680.13	23.78	161.67	156.25	-2,552.62	-1,828.68	3,970.28	3,786.12	185.86	22.076		
4,900.00	4,798.77	4,777.77	4,777.77	24.28	165.08	156.37	-2,552.62	-1,828.68	3,990.15	3,802.10	190.09	21.831		
5,000.00	4,896.40	4,875.40	4,875.40	24.79	168.49	156.50	-2,552.62	-1,828.68	4,010.03	3,818.11	194.36	21.586		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	4,973.04	4,973.04	25.30	171.90	156.62	-2,552.62	-1,828.68	4,029.93	3,834.13	195.79	20.582		
5,200.00	5,091.68	5,070.68	5,070.68	25.80	175.30	156.74	-2,552.62	-1,828.68	4,049.85	3,850.17	199.67	20.283		
5,300.00	5,189.32	5,168.32	5,168.32	26.31	178.71	156.86	-2,552.62	-1,828.68	4,069.78	3,866.23	203.55	19.994		
5,400.00	5,286.95	5,265.95	5,265.95	26.81	182.12	156.98	-2,552.62	-1,828.68	4,089.73	3,882.31	207.43	19.717		
5,500.00	5,384.59	5,363.59	5,363.59	27.32	185.53	157.09	-2,552.62	-1,828.68	4,109.70	3,898.40	211.30	19.449		
5,600.00	5,482.23	5,461.23	5,461.23	27.82	188.93	157.21	-2,552.62	-1,828.68	4,129.68	3,914.50	215.18	19.192		
5,700.00	5,579.87	5,558.87	5,558.87	28.33	192.34	157.33	-2,552.62	-1,828.68	4,149.69	3,930.63	219.06	18.943		
5,800.00	5,677.50	5,656.50	5,656.50	28.84	195.75	157.44	-2,552.62	-1,828.68	4,169.70	3,946.77	222.93	18.704		
5,900.00	5,775.14	5,754.14	5,754.14	29.34	199.16	157.55	-2,552.62	-1,828.68	4,189.74	3,962.92	226.81	18.472		
6,000.00	5,872.78	5,851.78	5,851.78	29.85	202.57	157.67	-2,552.62	-1,828.68	4,209.78	3,979.10	230.69	18.249		
6,100.00	5,970.41	5,949.41	5,949.41	30.36	205.98	157.78	-2,552.62	-1,828.68	4,229.85	3,995.28	234.57	18.033		
6,200.00	6,068.05	6,047.05	6,047.05	30.86	209.38	157.89	-2,552.62	-1,828.68	4,249.93	4,011.48	238.44	17.824		
6,300.00	6,165.69	6,144.69	6,144.69	31.37	212.79	157.99	-2,552.62	-1,828.68	4,270.02	4,027.70	242.32	17.621		
6,400.00	6,263.33	6,242.33	6,242.33	31.88	216.20	158.10	-2,552.62	-1,828.68	4,290.13	4,043.93	246.20	17.425		
6,500.00	6,360.96	6,339.96	6,339.96	32.38	219.61	158.21	-2,552.62	-1,828.68	4,310.25	4,060.18	250.08	17.236		
6,600.00	6,458.60	6,437.60	6,437.60	32.89	223.02	158.31	-2,552.62	-1,828.68	4,330.39	4,076.44	253.95	17.052		
6,628.42	6,486.35	6,465.35	6,465.35	33.04	223.98	158.34	-2,552.62	-1,828.68	4,336.12	4,081.06	255.06	17.001		
6,650.00	6,507.49	6,486.49	6,486.49	33.14	224.72	162.95	-2,552.62	-1,828.68	4,340.22	4,084.33	255.89	16.961		
6,700.00	6,556.88	6,535.88	6,535.88	33.37	226.45	-178.82	-2,552.62	-1,828.68	4,347.81	4,089.97	257.84	16.862		
6,750.00	6,606.60	6,585.60	6,585.60	33.58	228.18	-139.91	-2,552.62	-1,828.68	4,352.68	4,092.90	259.78	16.755		
6,800.00	6,656.35	6,635.35	6,635.35	33.76	229.92	-97.53	-2,552.62	-1,828.68	4,354.82	4,093.11	261.71	16.640		
6,850.00	6,705.83	6,684.83	6,684.83	33.94	231.65	-77.12	-2,552.62	-1,828.68	4,354.21	4,090.59	263.63	16.517		
6,900.00	6,754.72	6,733.72	6,733.72	34.12	233.35	-67.97	-2,552.62	-1,828.68	4,350.88	4,085.37	265.51	16.387		
6,950.00	6,802.72	6,781.72	6,781.72	34.31	235.03	-63.37	-2,552.62	-1,828.68	4,344.86	4,077.50	267.36	16.251		
7,000.00	6,849.54	6,828.54	6,828.54	34.50	236.66	-60.97	-2,552.62	-1,828.68	4,336.21	4,067.05	269.16	16.110		
7,050.00	6,894.89	6,873.89	6,873.89	34.71	238.25	-59.83	-2,552.62	-1,828.68	4,325.01	4,054.10	270.91	15.965		
7,100.00	6,938.49	6,917.49	6,917.49	34.93	239.77	-59.54	-2,552.62	-1,828.68	4,311.37	4,038.77	272.60	15.816		
7,150.00	6,980.07	6,959.07	6,959.07	35.17	241.22	-59.87	-2,552.62	-1,828.68	4,295.40	4,021.18	274.22	15.664		
7,200.00	7,019.38	7,001.62	6,998.38	35.43	242.70	-60.70	-2,552.62	-1,828.68	4,277.23	4,001.35	275.88	15.504		
7,250.00	7,056.17	7,035.17	7,035.17	35.71	243.87	-61.96	-2,552.62	-1,828.68	4,257.02	3,979.79	277.24	15.355		
7,300.00	7,090.21	7,069.21	7,069.21	36.03	245.06	-63.60	-2,552.62	-1,828.68	4,234.94	3,956.31	278.63	15.199		
7,350.00	7,121.30	7,100.30	7,100.30	36.37	246.15	-65.58	-2,552.62	-1,828.68	4,211.16	3,931.22	279.94	15.043		
7,400.00	7,149.25	7,128.25	7,128.25	36.75	247.12	-67.88	-2,552.62	-1,828.68	4,185.86	3,904.69	281.17	14.887		
7,450.00	7,173.87	7,152.87	7,152.87	37.17	247.98	-70.46	-2,552.62	-1,828.68	4,159.25	3,876.93	282.31	14.733		
7,500.00	7,195.03	7,174.03	7,174.03	37.62	248.72	-73.29	-2,552.62	-1,828.68	4,131.51	3,848.15	283.37	14.580		
7,550.00	7,212.58	7,208.42	7,191.58	38.11	249.92	-76.34	-2,552.62	-1,828.68	4,102.87	3,817.95	284.92	14.400		
7,600.00	7,226.43	7,205.43	7,205.43	38.64	249.82	-79.55	-2,552.62	-1,828.68	4,073.51	3,788.31	285.21	14.283		
7,650.00	7,236.48	7,215.48	7,215.48	39.20	250.17	-82.88	-2,552.62	-1,828.68	4,043.66	3,757.68	285.98	14.140		
7,700.00	7,242.68	7,221.68	7,221.68	39.79	250.39	-86.28	-2,552.62	-1,828.68	4,013.51	3,726.85	286.66	14.001		
7,753.32	7,245.00	7,224.00	7,224.00	40.44	250.47	-89.92	-2,552.62	-1,828.68	3,981.25	3,693.98	287.27	13.859		
7,800.00	7,245.08	7,224.08	7,224.08	41.04	250.47	-89.92	-2,552.62	-1,828.68	3,953.21	3,665.44	287.77	13.738		
7,900.00	7,245.26	7,224.26	7,224.26	42.43	250.48	-89.93	-2,552.62	-1,828.68	3,894.33	3,605.37	288.96	13.477		
8,000.00	7,245.43	7,224.43	7,224.43	43.97	250.48	-89.93	-2,552.62	-1,828.68	3,837.16	3,546.84	290.32	13.217		
8,100.00	7,245.61	7,224.61	7,224.61	45.64	250.49	-89.93	-2,552.62	-1,828.68	3,781.77	3,489.92	291.84	12.958		
8,200.00	7,245.79	7,224.79	7,224.79	47.42	250.49	-89.94	-2,552.62	-1,828.68	3,728.24	3,434.71	293.53	12.701		
8,300.00	7,245.97	7,224.97	7,224.97	49.30	250.50	-89.94	-2,552.62	-1,828.68	3,676.65	3,381.28	295.37	12.448		
8,400.00	7,246.14	7,225.14	7,225.14	51.28	250.51	-89.94	-2,552.62	-1,828.68	3,627.08	3,329.73	297.35	12.198		
8,500.00	7,246.32	7,225.32	7,225.32	53.34	250.51	-89.95	-2,552.62	-1,828.68	3,579.62	3,280.16	299.47	11.953		
8,600.00	7,246.50	7,225.50	7,225.50	55.46	250.52	-89.95	-2,552.62	-1,828.68	3,534.36	3,232.64	301.71	11.714		
8,700.00	7,246.67	7,225.67	7,225.67	57.66	250.52	-89.95	-2,552.62	-1,828.68	3,491.37	3,187.30	304.08	11.482		
8,800.00	7,246.85	7,225.85	7,225.85	59.90	250.53	-89.96	-2,552.62	-1,828.68	3,450.75	3,144.20	306.54	11.257		
8,900.00	7,247.03	7,226.03	7,226.03	62.20	250.54	-89.96	-2,552.62	-1,828.68	3,412.57	3,103.46	309.11	11.040		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,226.21	7,226.21	64.55	250.54	-89.96	-2,552.62	-1,828.68	3,376.92	3,065.17	311.75	10.832		
9,100.00	7,247.38	7,226.38	7,226.38	66.93	250.55	-89.97	-2,552.62	-1,828.68	3,343.89	3,029.42	314.47	10.633		
9,200.00	7,247.56	7,226.56	7,226.56	69.35	250.56	-89.97	-2,552.62	-1,828.68	3,313.55	2,996.29	317.25	10.445		
9,300.00	7,247.74	7,226.74	7,226.74	71.80	250.56	-89.97	-2,552.62	-1,828.68	3,285.96	2,965.89	320.08	10.266		
9,400.00	7,247.91	7,226.91	7,226.91	74.29	250.57	-89.98	-2,552.62	-1,828.68	3,261.22	2,938.28	322.94	10.099		
9,500.00	7,248.09	7,227.09	7,227.09	76.79	250.57	-89.98	-2,552.62	-1,828.68	3,239.37	2,913.55	325.82	9.942		
9,600.00	7,248.27	7,227.27	7,227.27	79.33	250.58	-89.98	-2,552.62	-1,828.68	3,220.48	2,891.77	328.71	9.797		
9,700.00	7,248.45	7,227.45	7,227.45	81.88	250.59	-89.99	-2,552.62	-1,828.68	3,204.60	2,873.01	331.59	9.664		
9,800.00	7,248.62	7,227.62	7,227.62	84.45	250.59	-89.99	-2,552.62	-1,828.68	3,191.78	2,857.32	334.46	9.543		
9,900.00	7,248.80	7,227.80	7,227.80	87.04	250.60	-89.99	-2,552.62	-1,828.68	3,182.05	2,844.75	337.30	9.434		
10,000.00	7,248.98	7,227.98	7,227.98	89.65	250.61	-89.99	-2,552.62	-1,828.68	3,175.44	2,835.34	340.10	9.337		
10,100.00	7,249.15	7,228.15	7,228.15	92.28	250.61	-90.00	-2,552.62	-1,828.68	3,171.97	2,829.13	342.85	9.252		
10,160.10	7,249.26	7,228.26	7,228.26	93.86	250.62	-90.00	-2,552.62	-1,828.68	3,171.40	2,826.93	344.47	9.207		
10,200.00	7,249.33	7,228.33	7,228.33	94.91	250.62	-90.00	-2,552.62	-1,828.68	3,171.65	2,826.13	345.53	9.179 ES		
10,300.00	7,249.51	7,228.51	7,228.51	97.56	250.62	-90.00	-2,552.62	-1,828.68	3,174.49	2,826.35	348.14	9.119		
10,400.00	7,249.69	7,228.69	7,228.69	100.22	250.63	-90.01	-2,552.62	-1,828.68	3,180.46	2,829.80	350.66	9.070		
10,500.00	7,249.86	7,228.86	7,228.86	102.89	250.64	-90.01	-2,552.62	-1,828.68	3,189.57	2,836.47	353.10	9.033		
10,600.00	7,250.04	7,229.04	7,229.04	105.57	250.64	-90.01	-2,552.62	-1,828.68	3,201.77	2,846.34	355.43	9.008		
10,700.00	7,250.22	7,229.22	7,229.22	108.27	250.65	-90.02	-2,552.62	-1,828.68	3,217.03	2,859.37	357.67	8.995		
10,800.00	7,250.39	7,229.39	7,229.39	110.96	250.65	-90.02	-2,552.62	-1,828.68	3,235.32	2,875.53	359.79	8.992 SF		
10,900.00	7,250.57	7,229.57	7,229.57	113.67	250.66	-90.02	-2,552.62	-1,828.68	3,256.57	2,894.77	361.80	9.001		
11,000.00	7,250.75	7,229.75	7,229.75	116.39	250.67	-90.03	-2,552.62	-1,828.68	3,280.74	2,917.03	363.70	9.020		
11,100.00	7,250.93	7,229.93	7,229.93	119.11	250.67	-90.03	-2,552.62	-1,828.68	3,307.75	2,942.26	365.49	9.050		
11,200.00	7,251.10	7,230.10	7,230.10	121.83	250.68	-90.03	-2,552.62	-1,828.68	3,337.54	2,970.38	367.16	9.090		
11,300.00	7,251.28	7,230.28	7,230.28	124.57	250.69	-90.04	-2,552.62	-1,828.68	3,370.04	3,001.32	368.72	9.140		
11,400.00	7,251.46	7,230.46	7,230.46	127.31	250.69	-90.04	-2,552.62	-1,828.68	3,405.17	3,035.00	370.16	9.199		
11,500.00	7,251.63	7,230.63	7,230.63	130.05	250.70	-90.04	-2,552.62	-1,828.68	3,442.84	3,071.34	371.50	9.267		
11,600.00	7,251.81	7,230.81	7,230.81	132.80	250.70	-90.05	-2,552.62	-1,828.68	3,482.98	3,110.25	372.72	9.345		
11,700.00	7,251.99	7,230.99	7,230.99	135.55	250.71	-90.05	-2,552.62	-1,828.68	3,525.49	3,151.64	373.85	9.430		
11,800.00	7,252.17	7,231.17	7,231.17	138.31	250.72	-90.05	-2,552.62	-1,828.68	3,570.31	3,195.43	374.87	9.524		
11,900.00	7,252.34	7,231.34	7,231.34	141.07	250.72	-90.06	-2,552.62	-1,828.68	3,617.33	3,241.52	375.81	9.626		
12,000.00	7,252.52	7,231.52	7,231.52	143.84	250.73	-90.06	-2,552.62	-1,828.68	3,666.48	3,289.83	376.65	9.735		
12,100.00	7,252.70	7,231.70	7,231.70	146.61	250.74	-90.06	-2,552.62	-1,828.68	3,717.66	3,340.26	377.40	9.851		
12,200.00	7,252.87	7,231.87	7,231.87	149.38	250.74	-90.07	-2,552.62	-1,828.68	3,770.81	3,392.73	378.07	9.974		
12,300.00	7,253.05	7,232.05	7,232.05	152.16	250.75	-90.07	-2,552.62	-1,828.68	3,825.83	3,447.16	378.67	10.103		
12,400.00	7,253.23	7,232.23	7,232.23	154.94	250.75	-90.07	-2,552.62	-1,828.68	3,882.65	3,503.45	379.20	10.239		
12,500.00	7,253.41	7,232.41	7,232.41	157.72	250.76	-90.07	-2,552.62	-1,828.68	3,941.18	3,561.53	379.66	10.381		
12,600.00	7,253.58	7,232.58	7,232.58	160.51	250.77	-90.08	-2,552.62	-1,828.68	4,001.36	3,621.31	380.06	10.528		
12,700.00	7,253.76	7,232.76	7,232.76	163.29	250.77	-90.08	-2,552.62	-1,828.68	4,063.11	3,682.72	380.40	10.681		
12,800.00	7,253.94	7,232.94	7,232.94	166.08	250.78	-90.08	-2,552.62	-1,828.68	4,126.36	3,745.68	380.69	10.839		
12,900.00	7,254.11	7,233.11	7,233.11	168.88	250.78	-90.09	-2,552.62	-1,828.68	4,191.04	3,810.12	380.93	11.002		
13,000.00	7,254.29	7,233.29	7,233.29	171.67	250.79	-90.09	-2,552.62	-1,828.68	4,257.09	3,875.97	381.12	11.170		
13,100.00	7,254.47	7,233.47	7,233.47	174.47	250.80	-90.09	-2,552.62	-1,828.68	4,324.44	3,943.17	381.27	11.342		
13,200.00	7,254.65	7,233.65	7,233.65	177.27	250.80	-90.10	-2,552.62	-1,828.68	4,393.04	4,011.65	381.38	11.519		
13,300.00	7,254.82	7,233.82	7,233.82	180.07	250.81	-90.10	-2,552.62	-1,828.68	4,462.82	4,081.36	381.46	11.699		
13,400.00	7,255.00	7,234.00	7,234.00	182.87	250.82	-90.10	-2,552.62	-1,828.68	4,533.73	4,152.22	381.51	11.884		
13,500.00	7,255.18	7,234.18	7,234.18	185.67	250.82	-90.11	-2,552.62	-1,828.68	4,605.73	4,224.20	381.53	12.072		
13,600.00	7,255.35	7,234.35	7,234.35	188.48	250.83	-90.11	-2,552.62	-1,828.68	4,678.75	4,297.23	381.52	12.263		
13,700.00	7,255.53	7,234.53	7,234.53	191.29	250.83	-90.11	-2,552.62	-1,828.68	4,752.76	4,371.27	381.49	12.458		
13,800.00	7,255.71	7,234.71	7,234.71	194.10	250.84	-90.12	-2,552.62	-1,828.68	4,827.70	4,446.26	381.44	12.657		
13,900.00	7,255.89	7,234.89	7,234.89	196.91	250.85	-90.12	-2,552.62	-1,828.68	4,903.53	4,522.17	381.36	12.858		
14,000.00	7,256.06	7,235.06	7,235.06	199.72	250.85	-90.12	-2,552.62	-1,828.68	4,980.22	4,598.95	381.27	13.062		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,235.24	7,235.24	202.53	250.86	-90.13	-2,552.62	-1,828.68	5,057.73	4,676.56	381.17	13.269		
14,200.00	7,256.42	7,235.42	7,235.42	205.35	250.86	-90.13	-2,552.62	-1,828.68	5,136.01	4,754.96	381.05	13.479		
14,300.00	7,256.59	7,235.59	7,235.59	208.16	250.87	-90.13	-2,552.62	-1,828.68	5,215.03	4,834.12	380.92	13.691		
14,400.00	7,256.77	7,235.77	7,235.77	210.98	250.88	-90.14	-2,552.62	-1,828.68	5,294.77	4,913.99	380.77	13.905		
14,500.00	7,256.95	7,235.95	7,235.95	213.80	250.88	-90.14	-2,552.62	-1,828.68	5,375.18	4,994.56	380.62	14.122		
14,600.00	7,257.13	7,236.13	7,236.13	216.62	250.89	-90.14	-2,552.62	-1,828.68	5,456.23	5,075.78	380.46	14.341		
14,700.00	7,257.30	7,236.30	7,236.30	219.44	250.90	-90.15	-2,552.62	-1,828.68	5,537.91	5,157.62	380.29	14.562		
14,800.00	7,257.48	7,236.48	7,236.48	222.26	250.90	-90.15	-2,552.62	-1,828.68	5,620.18	5,240.07	380.11	14.786		
14,900.00	7,257.66	7,236.66	7,236.66	225.08	250.91	-90.15	-2,552.62	-1,828.68	5,703.02	5,323.09	379.93	15.011		
15,000.00	7,257.83	7,236.83	7,236.83	227.91	250.91	-90.15	-2,552.62	-1,828.68	5,786.40	5,406.65	379.75	15.238		
15,100.00	7,258.01	7,237.01	7,237.01	230.73	250.92	-90.16	-2,552.62	-1,828.68	5,870.30	5,490.74	379.56	15.466		
15,200.00	7,258.19	7,237.19	7,237.19	233.56	250.93	-90.16	-2,552.62	-1,828.68	5,954.69	5,575.33	379.36	15.697		
15,300.00	7,258.37	7,237.37	7,237.37	236.38	250.93	-90.16	-2,552.62	-1,828.68	6,039.56	5,660.40	379.17	15.929		
15,400.00	7,258.54	7,237.54	7,237.54	239.21	250.94	-90.17	-2,552.62	-1,828.68	6,124.89	5,745.93	378.97	16.162		
15,500.00	7,258.72	7,237.72	7,237.72	242.04	250.95	-90.17	-2,552.62	-1,828.68	6,210.66	5,831.89	378.77	16.397		
15,600.00	7,258.90	7,237.90	7,237.90	244.87	250.95	-90.17	-2,552.62	-1,828.68	6,296.85	5,918.28	378.57	16.633		
15,700.00	7,259.08	7,238.08	7,238.08	247.70	250.96	-90.18	-2,552.62	-1,828.68	6,383.44	6,005.07	378.36	16.871		
15,800.00	7,259.25	7,238.25	7,238.25	250.53	250.96	-90.18	-2,552.62	-1,828.68	6,470.41	6,092.25	378.16	17.110		
15,900.00	7,259.43	7,238.43	7,238.43	253.36	250.97	-90.18	-2,552.62	-1,828.68	6,557.76	6,179.80	377.96	17.350		
16,000.00	7,259.61	7,238.61	7,238.61	256.19	250.98	-90.19	-2,552.62	-1,828.68	6,645.46	6,267.71	377.76	17.592		
16,100.00	7,259.78	7,238.78	7,238.78	259.02	250.98	-90.19	-2,552.62	-1,828.68	6,733.51	6,355.96	377.55	17.835		
16,200.00	7,259.96	7,238.96	7,238.96	261.85	250.99	-90.19	-2,552.62	-1,828.68	6,821.89	6,444.53	377.35	18.078		
16,300.00	7,260.14	7,239.14	7,239.14	264.68	250.99	-90.20	-2,552.62	-1,828.68	6,910.58	6,533.43	377.15	18.323		
16,400.00	7,260.32	7,239.32	7,239.32	267.52	251.00	-90.20	-2,552.62	-1,828.68	6,999.58	6,622.62	376.96	18.569		
16,500.00	7,260.49	7,239.49	7,239.49	270.35	251.01	-90.20	-2,552.62	-1,828.68	7,088.87	6,712.11	376.76	18.815		
16,600.00	7,260.67	7,239.67	7,239.67	273.19	251.01	-90.21	-2,552.62	-1,828.68	7,178.44	6,801.88	376.56	19.063		
16,700.00	7,260.85	7,239.85	7,239.85	276.02	251.02	-90.21	-2,552.62	-1,828.68	7,268.29	6,891.92	376.37	19.312		
16,800.00	7,261.02	7,240.02	7,240.02	278.86	251.03	-90.21	-2,552.62	-1,828.68	7,358.40	6,982.22	376.18	19.561		
16,900.00	7,261.20	7,240.20	7,240.20	281.69	251.03	-90.22	-2,552.62	-1,828.68	7,448.76	7,072.77	375.99	19.811		
17,000.00	7,261.38	7,240.38	7,240.38	284.53	251.04	-90.22	-2,552.62	-1,828.68	7,539.36	7,163.56	375.80	20.062		
17,100.00	7,261.56	7,240.56	7,240.56	287.37	251.04	-90.22	-2,552.62	-1,828.68	7,630.20	7,254.58	375.61	20.314		
17,200.00	7,261.73	7,240.73	7,240.73	290.21	251.05	-90.23	-2,552.62	-1,828.68	7,721.26	7,345.83	375.43	20.566		
17,300.00	7,261.91	7,240.91	7,240.91	293.04	251.06	-90.23	-2,552.62	-1,828.68	7,812.55	7,437.30	375.25	20.820		
17,400.00	7,262.09	7,241.09	7,241.09	295.88	251.06	-90.23	-2,552.62	-1,828.68	7,904.04	7,528.97	375.07	21.073		
17,500.00	7,262.26	7,241.26	7,241.26	298.72	251.07	-90.23	-2,552.62	-1,828.68	7,995.74	7,620.84	374.89	21.328		
17,600.00	7,262.44	7,241.44	7,241.44	301.56	251.08	-90.24	-2,552.62	-1,828.68	8,087.63	7,712.91	374.72	21.583		
17,700.00	7,262.62	7,241.62	7,241.62	304.40	251.08	-90.24	-2,552.62	-1,828.68	8,179.72	7,805.17	374.55	21.839		
17,800.00	7,262.80	7,241.80	7,241.80	307.24	251.09	-90.24	-2,552.62	-1,828.68	8,271.99	7,897.61	374.38	22.095		
17,900.00	7,262.97	7,241.97	7,241.97	310.08	251.09	-90.25	-2,552.62	-1,828.68	8,364.43	7,990.22	374.22	22.352		
18,000.00	7,263.15	7,242.15	7,242.15	312.92	251.10	-90.25	-2,552.62	-1,828.68	8,457.05	8,083.00	374.05	22.609		
18,100.00	7,263.33	7,242.33	7,242.33	315.76	251.11	-90.25	-2,552.62	-1,828.68	8,549.84	8,175.94	373.89	22.867		
18,200.00	7,263.50	7,242.50	7,242.50	318.61	251.11	-90.26	-2,552.62	-1,828.68	8,642.78	8,269.05	373.73	23.126		
18,300.00	7,263.68	7,242.68	7,242.68	321.45	251.12	-90.26	-2,552.62	-1,828.68	8,735.88	8,362.30	373.58	23.384		
18,400.00	7,263.86	7,242.86	7,242.86	324.29	251.12	-90.26	-2,552.62	-1,828.68	8,829.13	8,455.71	373.42	23.644		
18,500.00	7,264.04	7,243.04	7,243.04	327.13	251.13	-90.27	-2,552.62	-1,828.68	8,922.53	8,549.26	373.27	23.903		
18,600.00	7,264.21	7,243.21	7,243.21	329.97	251.14	-90.27	-2,552.62	-1,828.68	9,016.07	8,642.95	373.13	24.164		
18,700.00	7,264.39	7,243.39	7,243.39	332.82	251.14	-90.27	-2,552.62	-1,828.68	9,109.75	8,736.77	372.98	24.424		
18,800.00	7,264.57	7,243.57	7,243.57	335.66	251.15	-90.28	-2,552.62	-1,828.68	9,203.56	8,830.72	372.84	24.685		
18,900.00	7,264.74	7,243.74	7,243.74	338.51	251.16	-90.28	-2,552.62	-1,828.68	9,297.50	8,924.80	372.70	24.946		
19,000.00	7,264.92	7,243.92	7,243.92	341.35	251.16	-90.28	-2,552.62	-1,828.68	9,391.56	9,019.00	372.56	25.208		
19,044.52	7,265.00	7,244.00	7,244.00	342.62	251.16	-90.28	-2,552.62	-1,828.68	9,433.48	9,060.98	372.50	25.325		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	17.00	17.00	3.28	3.29	-87.71	276.02	-6,913.13	6,918.64					
100.00	100.00	117.00	117.00	3.28	4.03	-87.71	276.02	-6,913.13	6,918.64	6,911.33	7.31	946.043		
200.00	200.00	217.00	217.00	3.34	6.69	-87.71	276.02	-6,913.13	6,918.64	6,908.61	10.03	690.046		
300.00	299.98	316.98	316.98	3.44	9.88	-153.27	276.02	-6,913.13	6,920.20	6,906.87	13.32	519.365		
400.00	399.84	416.84	416.84	3.60	13.22	-153.24	276.02	-6,913.13	6,924.87	6,908.05	16.82	411.660		
500.00	499.45	516.45	516.45	3.81	16.61	-153.21	276.02	-6,913.13	6,932.66	6,912.24	20.42	339.536		
600.00	598.70	615.70	615.70	4.06	20.02	-153.15	276.02	-6,913.13	6,943.55	6,919.48	24.07	288.450		
700.00	697.47	714.47	714.47	4.34	23.43	-153.08	276.02	-6,913.13	6,957.54	6,929.78	27.76	250.626		
800.00	795.62	812.62	812.62	4.66	26.82	-153.00	276.02	-6,913.13	6,974.61	6,943.14	31.47	221.633		
824.00	819.08	836.08	836.08	4.75	27.64	-152.97	276.02	-6,913.13	6,979.16	6,946.80	32.36	215.643		
900.00	893.28	910.28	910.28	5.02	30.21	-153.03	276.02	-6,913.13	6,993.87	6,958.68	35.19	198.743		
1,000.00	990.92	1,007.92	1,007.92	5.40	33.60	-153.11	276.02	-6,913.13	7,013.23	6,974.30	38.93	180.149		
1,100.00	1,088.56	1,105.56	1,105.56	5.80	37.00	-153.19	276.02	-6,913.13	7,032.60	6,989.91	42.69	164.734		
1,200.00	1,186.19	1,203.19	1,203.19	6.21	40.39	-153.27	276.02	-6,913.13	7,051.99	7,005.52	46.47	151.759		
1,300.00	1,283.83	1,300.83	1,300.83	6.64	43.79	-153.35	276.02	-6,913.13	7,071.39	7,021.13	50.26	140.697		
1,400.00	1,381.47	1,401.53	1,398.47	7.08	47.30	-153.43	276.02	-6,913.13	7,090.80	7,036.63	54.17	130.902		
1,500.00	1,479.10	1,503.90	1,496.10	7.53	50.86	-153.51	276.02	-6,913.13	7,110.22	7,052.08	58.15	122.283		
1,600.00	1,576.74	1,606.26	1,593.74	7.99	54.43	-153.58	276.02	-6,913.13	7,129.66	7,067.53	62.13	114.754		
1,700.00	1,674.38	1,708.62	1,691.38	8.45	58.00	-153.66	276.02	-6,913.13	7,149.11	7,082.99	66.12	108.121		
1,800.00	1,772.02	1,789.02	1,789.02	8.92	60.80	-153.74	276.02	-6,913.13	7,168.57	7,099.22	69.35	103.365		
1,900.00	1,869.65	1,886.65	1,886.65	9.39	64.20	-153.81	276.02	-6,913.13	7,188.05	7,114.86	73.19	98.213		
2,000.00	1,967.29	1,984.29	1,984.29	9.87	67.61	-153.89	276.02	-6,913.13	7,207.53	7,130.50	77.03	93.569		
2,100.00	2,064.93	2,081.93	2,081.93	10.35	71.01	-153.96	276.02	-6,913.13	7,227.03	7,146.16	80.87	89.362		
2,200.00	2,162.56	2,179.56	2,179.56	10.83	74.42	-154.04	276.02	-6,913.13	7,246.54	7,161.82	84.72	85.534		
2,300.00	2,260.20	2,277.20	2,277.20	11.32	77.82	-154.11	276.02	-6,913.13	7,266.06	7,177.49	88.57	82.037		
2,400.00	2,357.84	2,374.84	2,374.84	11.80	81.23	-154.18	276.02	-6,913.13	7,285.60	7,193.18	92.42	78.829		
2,500.00	2,455.48	2,472.48	2,472.48	12.29	84.63	-154.26	276.02	-6,913.13	7,305.14	7,208.87	96.28	75.876		
2,600.00	2,553.11	2,570.11	2,570.11	12.78	88.04	-154.33	276.02	-6,913.13	7,324.70	7,224.57	100.13	73.149		
2,700.00	2,650.75	2,667.75	2,667.75	13.27	91.44	-154.40	276.02	-6,913.13	7,344.27	7,240.28	103.99	70.624		
2,800.00	2,748.39	2,765.39	2,765.39	13.77	94.85	-154.48	276.02	-6,913.13	7,363.85	7,256.00	107.85	68.278		
2,900.00	2,846.02	2,863.02	2,863.02	14.26	98.26	-154.55	276.02	-6,913.13	7,383.44	7,271.73	111.71	66.094		
3,000.00	2,943.66	2,960.66	2,960.66	14.76	101.66	-154.62	276.02	-6,913.13	7,403.05	7,287.47	115.57	64.055		
3,100.00	3,041.30	3,058.30	3,058.30	15.25	105.07	-154.69	276.02	-6,913.13	7,422.66	7,303.22	119.44	62.148		
3,200.00	3,138.94	3,155.94	3,155.94	15.75	108.48	-154.76	276.02	-6,913.13	7,442.28	7,318.99	123.30	60.360		
3,300.00	3,236.57	3,253.57	3,253.57	16.25	111.89	-154.83	276.02	-6,913.13	7,461.92	7,334.76	127.16	58.680		
3,400.00	3,334.21	3,351.21	3,351.21	16.75	115.29	-154.90	276.02	-6,913.13	7,481.57	7,350.54	131.03	57.099		
3,500.00	3,431.85	3,448.85	3,448.85	17.25	118.70	-154.97	276.02	-6,913.13	7,501.23	7,366.33	134.89	55.608		
3,600.00	3,529.48	3,546.48	3,546.48	17.75	122.11	-155.04	276.02	-6,913.13	7,520.89	7,382.13	138.76	54.200		
3,700.00	3,627.12	3,644.12	3,644.12	18.25	125.51	-155.11	276.02	-6,913.13	7,540.57	7,397.94	142.63	52.869		
3,800.00	3,724.76	3,741.76	3,741.76	18.75	128.92	-155.18	276.02	-6,913.13	7,560.26	7,413.77	146.50	51.607		
3,900.00	3,822.40	3,839.40	3,839.40	19.25	132.33	-155.25	276.02	-6,913.13	7,579.96	7,429.60	150.36	50.411		
4,000.00	3,920.03	3,937.03	3,937.03	19.75	135.74	-155.32	276.02	-6,913.13	7,599.67	7,445.44	154.23	49.274		
4,100.00	4,017.67	4,034.67	4,034.67	20.25	139.14	-155.38	276.02	-6,913.13	7,619.39	7,461.29	158.10	48.193		
4,200.00	4,115.31	4,132.31	4,132.31	20.76	142.55	-155.45	276.02	-6,913.13	7,639.12	7,477.15	161.97	47.163		
4,300.00	4,212.94	4,229.94	4,229.94	21.26	145.96	-155.52	276.02	-6,913.13	7,658.87	7,493.02	165.84	46.182		
4,400.00	4,310.58	4,327.58	4,327.58	21.76	149.37	-155.58	276.02	-6,913.13	7,678.62	7,508.91	169.71	45.245		
4,500.00	4,408.22	4,425.22	4,425.22	22.27	152.77	-155.65	276.02	-6,913.13	7,698.38	7,524.80	173.58	44.350		
4,600.00	4,505.86	4,522.86	4,522.86	22.77	156.18	-155.72	276.02	-6,913.13	7,718.15	7,540.70	177.45	43.494		
4,700.00	4,603.49	4,620.49	4,620.49	23.28	159.59	-155.78	276.02	-6,913.13	7,737.93	7,556.61	181.32	42.675		
4,800.00	4,701.13	4,718.13	4,718.13	23.78	163.00	-155.85	276.02	-6,913.13	7,757.72	7,572.53	185.20	41.889		
4,900.00	4,798.77	4,815.77	4,815.77	24.28	166.41	-155.91	276.02	-6,913.13	7,777.52	7,588.45	189.07	41.136		
5,000.00	4,896.40	4,913.40	4,913.40	24.79	169.81	-155.98	276.02	-6,913.13	7,797.33	7,604.39	192.94	40.413		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,011.04	5,011.04	25.30	173.22	-156.04	276.02	-6,913.13	7,817.15	7,620.34	196.81	39.719		
5,200.00	5,091.68	5,108.68	5,108.68	25.80	176.63	-156.10	276.02	-6,913.13	7,836.98	7,636.30	200.68	39.052		
5,300.00	5,189.32	5,206.32	5,206.32	26.31	180.04	-156.17	276.02	-6,913.13	7,856.82	7,652.26	204.56	38.409		
5,400.00	5,286.95	5,303.95	5,303.95	26.81	183.45	-156.23	276.02	-6,913.13	7,876.67	7,668.24	208.43	37.791		
5,500.00	5,384.59	5,401.59	5,401.59	27.32	186.85	-156.29	276.02	-6,913.13	7,896.52	7,684.22	212.30	37.195		
5,600.00	5,482.23	5,500.77	5,499.23	27.82	190.32	-156.36	276.02	-6,913.13	7,916.39	7,700.16	216.23	36.611		
5,700.00	5,579.87	5,603.14	5,596.87	28.33	193.89	-156.42	276.02	-6,913.13	7,936.26	7,716.00	220.27	36.030		
5,800.00	5,677.50	5,705.50	5,694.50	28.84	197.46	-156.48	276.02	-6,913.13	7,956.15	7,731.84	224.30	35.470		
5,900.00	5,775.14	5,807.86	5,792.14	29.34	201.03	-156.54	276.02	-6,913.13	7,976.04	7,747.70	228.34	34.930		
6,000.00	5,872.78	5,889.78	5,889.78	29.85	203.89	-156.60	276.02	-6,913.13	7,995.94	7,764.28	231.67	34.515		
6,100.00	5,970.41	5,987.41	5,987.41	30.36	207.30	-156.67	276.02	-6,913.13	8,015.85	7,780.31	235.54	34.032		
6,200.00	6,068.05	6,085.05	6,085.05	30.86	210.71	-156.73	276.02	-6,913.13	8,035.77	7,796.36	239.41	33.564		
6,300.00	6,165.69	6,182.69	6,182.69	31.37	214.12	-156.79	276.02	-6,913.13	8,055.70	7,812.42	243.29	33.112		
6,400.00	6,263.33	6,280.33	6,280.33	31.88	217.53	-156.85	276.02	-6,913.13	8,075.64	7,828.48	247.16	32.674		
6,500.00	6,360.96	6,377.96	6,377.96	32.38	220.93	-156.91	276.02	-6,913.13	8,095.59	7,844.55	251.04	32.249		
6,600.00	6,458.60	6,475.60	6,475.60	32.89	224.34	-156.97	276.02	-6,913.13	8,115.54	7,860.63	254.91	31.837		
6,628.42	6,486.35	6,503.35	6,503.35	33.04	225.31	-156.98	276.02	-6,913.13	8,121.21	7,865.20	256.01	31.722		
6,650.00	6,507.49	6,524.49	6,524.49	33.14	226.05	-152.67	276.02	-6,913.13	8,125.16	7,868.31	256.85	31.634		
6,700.00	6,556.88	6,573.88	6,573.88	33.37	227.77	-134.96	276.02	-6,913.13	8,131.54	7,872.74	258.79	31.421		
6,750.00	6,606.60	6,623.60	6,623.60	33.58	229.51	-96.38	276.02	-6,913.13	8,134.01	7,873.27	260.74	31.196		
6,800.00	6,656.35	6,673.35	6,673.35	33.76	231.25	-54.11	276.02	-6,913.13	8,132.56	7,869.90	262.66	30.962		
6,850.00	6,705.83	6,722.83	6,722.83	33.94	232.97	-33.62	276.02	-6,913.13	8,127.20	7,862.64	264.55	30.720		
6,900.00	6,754.72	6,771.72	6,771.72	34.12	234.68	-24.20	276.02	-6,913.13	8,117.96	7,851.55	266.41	30.472		
6,950.00	6,802.72	6,819.72	6,819.72	34.31	236.35	-19.12	276.02	-6,913.13	8,104.90	7,836.69	268.21	30.218		
7,000.00	6,849.54	6,866.54	6,866.54	34.50	237.99	-16.05	276.02	-6,913.13	8,088.10	7,818.14	269.96	29.960		
7,050.00	6,894.89	6,911.89	6,911.89	34.71	239.57	-14.05	276.02	-6,913.13	8,067.67	7,796.03	271.64	29.700		
7,100.00	6,938.49	6,955.49	6,955.49	34.93	241.09	-12.69	276.02	-6,913.13	8,043.72	7,770.49	273.24	29.439		
7,150.00	6,980.07	7,002.93	6,997.07	35.17	242.75	-11.76	276.02	-6,913.13	8,016.42	7,741.47	274.95	29.156		
7,200.00	7,019.38	7,036.38	7,036.38	35.43	243.92	-11.13	276.02	-6,913.13	7,985.92	7,709.75	276.17	28.917		
7,250.00	7,056.17	7,073.17	7,073.17	35.71	245.20	-10.73	276.02	-6,913.13	7,952.41	7,674.93	277.48	28.659		
7,300.00	7,090.21	7,107.21	7,107.21	36.03	246.39	-10.55	276.02	-6,913.13	7,916.10	7,637.42	278.69	28.405		
7,350.00	7,121.30	7,138.30	7,138.30	36.37	247.47	-10.55	276.02	-6,913.13	7,877.22	7,597.44	279.78	28.155		
7,400.00	7,149.25	7,166.25	7,166.25	36.75	248.45	-10.77	276.02	-6,913.13	7,836.00	7,555.25	280.75	27.911		
7,450.00	7,173.87	7,209.13	7,190.87	37.17	249.95	-11.24	276.02	-6,913.13	7,792.70	7,510.45	282.24	27.610		
7,500.00	7,195.03	7,212.03	7,212.03	37.62	250.05	-12.06	276.02	-6,913.13	7,747.58	7,465.25	282.33	27.442		
7,550.00	7,212.58	7,229.58	7,229.58	38.11	250.66	-13.42	276.02	-6,913.13	7,700.92	7,417.99	282.93	27.219		
7,600.00	7,226.43	7,243.43	7,243.43	38.64	251.14	-15.79	276.02	-6,913.13	7,653.01	7,369.61	283.39	27.005		
7,650.00	7,236.48	7,253.48	7,253.48	39.20	251.50	-20.41	276.02	-6,913.13	7,604.14	7,320.41	283.73	26.801		
7,700.00	7,242.68	7,259.68	7,259.68	39.79	251.71	-32.21	276.02	-6,913.13	7,554.62	7,270.69	283.94	26.607		
7,753.32	7,245.00	7,262.00	7,262.00	40.44	251.79	-87.81	276.02	-6,913.13	7,501.43	7,217.42	284.01	26.412		
7,800.00	7,245.08	7,262.08	7,262.08	41.04	251.80	-87.82	276.02	-6,913.13	7,454.80	7,170.79	284.02	26.248		
7,900.00	7,245.26	7,262.26	7,262.26	42.43	251.80	-87.85	276.02	-6,913.13	7,354.91	7,070.89	284.02	25.895		
8,000.00	7,245.43	7,262.43	7,262.43	43.97	251.81	-87.88	276.02	-6,913.13	7,255.03	6,970.99	284.03	25.543		
8,100.00	7,245.61	7,262.61	7,262.61	45.64	251.81	-87.91	276.02	-6,913.13	7,155.14	6,871.10	284.04	25.190		
8,200.00	7,245.79	7,262.79	7,262.79	47.42	251.82	-87.94	276.02	-6,913.13	7,055.26	6,771.21	284.06	24.838		
8,300.00	7,245.97	7,262.97	7,262.97	49.30	251.83	-87.97	276.02	-6,913.13	6,955.38	6,671.31	284.07	24.485		
8,400.00	7,246.14	7,263.14	7,263.14	51.28	251.83	-88.00	276.02	-6,913.13	6,855.51	6,571.42	284.09	24.132		
8,500.00	7,246.32	7,263.32	7,263.32	53.34	251.84	-88.03	276.02	-6,913.13	6,755.64	6,471.53	284.11	23.778		
8,600.00	7,246.50	7,263.50	7,263.50	55.46	251.85	-88.05	276.02	-6,913.13	6,655.78	6,371.64	284.13	23.425		
8,700.00	7,246.67	7,263.67	7,263.67	57.66	251.85	-88.08	276.02	-6,913.13	6,555.91	6,271.76	284.15	23.072		
8,800.00	7,246.85	7,263.85	7,263.85	59.90	251.86	-88.11	276.02	-6,913.13	6,456.06	6,171.87	284.18	22.718		
8,900.00	7,247.03	7,264.03	7,264.03	62.20	251.86	-88.14	276.02	-6,913.13	6,356.20	6,071.99	284.21	22.364		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,264.21	7,264.21	64.55	251.87	-88.17	276.02	-6,913.13	6,256.35	5,972.11	284.24	22.011		
9,100.00	7,247.38	7,264.38	7,264.38	66.93	251.88	-88.20	276.02	-6,913.13	6,156.51	5,872.23	284.28	21.657		
9,200.00	7,247.56	7,264.56	7,264.56	69.35	251.88	-88.23	276.02	-6,913.13	6,056.67	5,772.36	284.32	21.303		
9,300.00	7,247.74	7,264.74	7,264.74	71.80	251.89	-88.26	276.02	-6,913.13	5,956.84	5,672.48	284.36	20.948		
9,400.00	7,247.91	7,264.91	7,264.91	74.29	251.89	-88.29	276.02	-6,913.13	5,857.01	5,572.61	284.40	20.594		
9,500.00	7,248.09	7,265.09	7,265.09	76.79	251.90	-88.32	276.02	-6,913.13	5,757.19	5,472.74	284.45	20.240		
9,600.00	7,248.27	7,265.27	7,265.27	79.33	251.91	-88.35	276.02	-6,913.13	5,657.37	5,372.87	284.50	19.885		
9,700.00	7,248.45	7,265.45	7,265.45	81.88	251.91	-88.38	276.02	-6,913.13	5,557.57	5,273.01	284.56	19.530		
9,800.00	7,248.62	7,265.62	7,265.62	84.45	251.92	-88.41	276.02	-6,913.13	5,457.76	5,173.14	284.62	19.176		
9,900.00	7,248.80	7,265.80	7,265.80	87.04	251.93	-88.44	276.02	-6,913.13	5,357.97	5,073.29	284.68	18.821		
10,000.00	7,248.98	7,265.98	7,265.98	89.65	251.93	-88.46	276.02	-6,913.13	5,258.18	4,973.43	284.75	18.466		
10,100.00	7,249.15	7,266.15	7,266.15	92.28	251.94	-88.49	276.02	-6,913.13	5,158.41	4,873.58	284.83	18.111		
10,200.00	7,249.33	7,266.33	7,266.33	94.91	251.94	-88.52	276.02	-6,913.13	5,058.64	4,773.73	284.91	17.755		
10,300.00	7,249.51	7,266.51	7,266.51	97.56	251.95	-88.55	276.02	-6,913.13	4,958.88	4,673.88	285.00	17.400		
10,400.00	7,249.69	7,266.69	7,266.69	100.22	251.96	-88.58	276.02	-6,913.13	4,859.13	4,574.04	285.09	17.044		
10,500.00	7,249.86	7,266.86	7,266.86	102.89	251.96	-88.61	276.02	-6,913.13	4,759.39	4,474.20	285.19	16.688		
10,600.00	7,250.04	7,267.04	7,267.04	105.57	251.97	-88.64	276.02	-6,913.13	4,659.66	4,374.36	285.30	16.333		
10,700.00	7,250.22	7,267.22	7,267.22	108.27	251.97	-88.67	276.02	-6,913.13	4,559.94	4,274.53	285.41	15.977		
10,800.00	7,250.39	7,267.39	7,267.39	110.96	251.98	-88.70	276.02	-6,913.13	4,460.24	4,174.70	285.54	15.620		
10,900.00	7,250.57	7,267.57	7,267.57	113.67	251.99	-88.73	276.02	-6,913.13	4,360.55	4,074.88	285.67	15.264		
11,000.00	7,250.75	7,267.75	7,267.75	116.39	251.99	-88.76	276.02	-6,913.13	4,260.87	3,975.05	285.82	14.908		
11,100.00	7,250.93	7,267.93	7,267.93	119.11	252.00	-88.79	276.02	-6,913.13	4,161.21	3,875.24	285.97	14.551		
11,200.00	7,251.10	7,268.10	7,268.10	121.83	252.01	-88.82	276.02	-6,913.13	4,061.57	3,775.43	286.14	14.194		
11,300.00	7,251.28	7,268.28	7,268.28	124.57	252.01	-88.84	276.02	-6,913.13	3,961.94	3,675.62	286.32	13.837		
11,400.00	7,251.46	7,268.46	7,268.46	127.31	252.02	-88.87	276.02	-6,913.13	3,862.34	3,575.81	286.52	13.480		
11,500.00	7,251.63	7,268.63	7,268.63	130.05	252.02	-88.90	276.02	-6,913.13	3,762.75	3,476.01	286.74	13.123		
11,600.00	7,251.81	7,268.81	7,268.81	132.80	252.03	-88.93	276.02	-6,913.13	3,663.19	3,376.22	286.97	12.765		
11,700.00	7,251.99	7,268.99	7,268.99	135.55	252.04	-88.96	276.02	-6,913.13	3,563.65	3,276.43	287.22	12.407		
11,800.00	7,252.17	7,269.17	7,269.17	138.31	252.04	-88.99	276.02	-6,913.13	3,464.14	3,176.64	287.50	12.049		
11,900.00	7,252.34	7,269.34	7,269.34	141.07	252.05	-89.02	276.02	-6,913.13	3,364.65	3,076.85	287.80	11.691		
12,000.00	7,252.52	7,269.52	7,269.52	143.84	252.06	-89.05	276.02	-6,913.13	3,265.20	2,977.07	288.13	11.332		
12,100.00	7,252.70	7,269.70	7,269.70	146.61	252.06	-89.08	276.02	-6,913.13	3,165.79	2,877.29	288.49	10.974		
12,200.00	7,252.87	7,269.87	7,269.87	149.38	252.07	-89.11	276.02	-6,913.13	3,066.41	2,777.52	288.89	10.614		
12,300.00	7,253.05	7,270.05	7,270.05	152.16	252.07	-89.14	276.02	-6,913.13	2,967.07	2,677.74	289.33	10.255		
12,400.00	7,253.23	7,270.23	7,270.23	154.94	252.08	-89.17	276.02	-6,913.13	2,867.78	2,577.97	289.81	9.895		
12,500.00	7,253.41	7,270.41	7,270.41	157.72	252.09	-89.20	276.02	-6,913.13	2,768.54	2,478.20	290.34	9.535		
12,600.00	7,253.58	7,270.58	7,270.58	160.51	252.09	-89.23	276.02	-6,913.13	2,669.36	2,378.42	290.93	9.175		
12,700.00	7,253.76	7,270.76	7,270.76	163.29	252.10	-89.25	276.02	-6,913.13	2,570.24	2,278.64	291.59	8.814		
12,800.00	7,253.94	7,270.94	7,270.94	166.08	252.10	-89.28	276.02	-6,913.13	2,471.19	2,178.86	292.33	8.454		
12,900.00	7,254.11	7,271.11	7,271.11	168.88	252.11	-89.31	276.02	-6,913.13	2,372.22	2,079.07	293.15	8.092		
13,000.00	7,254.29	7,271.29	7,271.29	171.67	252.12	-89.34	276.02	-6,913.13	2,273.34	1,979.27	294.07	7.731		
13,100.00	7,254.47	7,271.47	7,271.47	174.47	252.12	-89.37	276.02	-6,913.13	2,174.56	1,879.46	295.10	7.369		
13,200.00	7,254.65	7,271.65	7,271.65	177.27	252.13	-89.40	276.02	-6,913.13	2,075.90	1,779.63	296.28	7.007		
13,300.00	7,254.82	7,271.82	7,271.82	180.07	252.14	-89.43	276.02	-6,913.13	1,977.38	1,679.78	297.60	6.644		
13,400.00	7,255.00	7,272.00	7,272.00	182.87	252.14	-89.46	276.02	-6,913.13	1,879.01	1,579.89	299.12	6.282		
13,500.00	7,255.18	7,272.18	7,272.18	185.67	252.15	-89.49	276.02	-6,913.13	1,780.82	1,479.98	300.84	5.919		
13,600.00	7,255.35	7,272.35	7,272.35	188.48	252.15	-89.52	276.02	-6,913.13	1,682.85	1,380.02	302.83	5.557		
13,700.00	7,255.53	7,272.53	7,272.53	191.29	252.16	-89.55	276.02	-6,913.13	1,585.13	1,280.01	305.12	5.195		
13,800.00	7,255.71	7,272.71	7,272.71	194.10	252.17	-89.58	276.02	-6,913.13	1,487.71	1,179.93	307.78	4.834		
13,900.00	7,255.89	7,272.89	7,272.89	196.91	252.17	-89.61	276.02	-6,913.13	1,390.66	1,079.77	310.88	4.473		
14,000.00	7,256.06	7,273.06	7,273.06	199.72	252.18	-89.64	276.02	-6,913.13	1,294.06	979.52	314.53	4.114		
14,100.00	7,256.24	7,273.24	7,273.24	202.53	252.19	-89.66	276.02	-6,913.13	1,198.01	879.16	318.85	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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	7,273.42	7,273.42	205.35	252.19	-89.69	276.02	-6,913.13	1,102.67	778.66	324.01	3.403		
14,300.00	7,256.59	7,273.59	7,273.59	208.16	252.20	-89.72	276.02	-6,913.13	1,008.23	678.02	330.21	3.053		
14,400.00	7,256.77	7,273.77	7,273.77	210.98	252.20	-89.75	276.02	-6,913.13	914.98	577.22	337.75	2.709		
14,500.00	7,256.95	7,273.95	7,273.95	213.80	252.21	-89.78	276.02	-6,913.13	823.31	476.30	347.01	2.373		
14,600.00	7,257.13	7,274.13	7,274.13	216.62	252.22	-89.81	276.02	-6,913.13	733.82	375.33	358.49	2.047		
14,700.00	7,257.30	7,274.30	7,274.30	219.44	252.22	-89.84	276.02	-6,913.13	647.41	274.59	372.82	1.736		
14,800.00	7,257.48	7,274.48	7,274.48	222.26	252.23	-89.87	276.02	-6,913.13	565.50	174.75	390.75	1.447	Level 3	
14,900.00	7,257.66	7,274.66	7,274.66	225.08	252.23	-89.90	276.02	-6,913.13	490.35	77.51	412.84	1.188	Level 2	
15,000.00	7,257.83	7,274.83	7,274.83	227.91	252.24	-89.93	276.02	-6,913.13	425.55	-13.11	438.66	0.970	Level 1	
15,100.00	7,258.01	7,275.01	7,275.01	230.73	252.25	-89.96	276.02	-6,913.13	376.49	-88.43	464.92	0.810	Level 1	
15,200.00	7,258.19	7,275.19	7,275.19	233.56	252.25	-89.99	276.02	-6,913.13	349.85	-133.83	483.68	0.723	Level 1	
15,246.75	7,258.27	7,275.27	7,275.27	234.88	252.26	-90.00	276.02	-6,913.13	346.71	-140.43	487.13	0.712	Level 1, CC, ES, SF	
15,300.00	7,258.37	7,275.37	7,275.37	236.38	252.26	-90.02	276.02	-6,913.13	350.77	-135.29	486.06	0.722	Level 1	
15,400.00	7,258.54	7,275.54	7,275.54	239.21	252.27	-90.04	276.02	-6,913.13	379.07	-92.71	471.78	0.803	Level 1	
15,500.00	7,258.72	7,275.72	7,275.72	242.04	252.27	-90.07	276.02	-6,913.13	429.35	-19.86	449.21	0.956	Level 1	
15,600.00	7,258.90	7,275.90	7,275.90	244.87	252.28	-90.10	276.02	-6,913.13	494.97	68.86	426.11	1.162	Level 2	
15,700.00	7,259.08	7,276.08	7,276.08	247.70	252.28	-90.13	276.02	-6,913.13	570.65	164.75	405.90	1.406	Level 3	
15,800.00	7,259.25	7,276.25	7,276.25	250.53	252.29	-90.16	276.02	-6,913.13	652.91	263.68	389.23	1.677		
15,900.00	7,259.43	7,276.43	7,276.43	253.36	252.30	-90.19	276.02	-6,913.13	739.56	363.82	375.73	1.968		
16,000.00	7,259.61	7,276.61	7,276.61	256.19	252.30	-90.22	276.02	-6,913.13	829.21	464.41	364.80	2.273		
16,100.00	7,259.78	7,276.78	7,276.78	259.02	252.31	-90.25	276.02	-6,913.13	921.00	565.12	355.88	2.588		
16,200.00	7,259.96	7,276.96	7,276.96	261.85	252.32	-90.28	276.02	-6,913.13	1,014.34	665.80	348.54	2.910		
16,300.00	7,260.14	7,277.14	7,277.14	264.68	252.32	-90.31	276.02	-6,913.13	1,108.85	766.41	342.44	3.238		
16,400.00	7,260.32	7,277.32	7,277.32	267.52	252.33	-90.34	276.02	-6,913.13	1,204.24	866.92	337.32	3.570		
16,500.00	7,260.49	7,277.49	7,277.49	270.35	252.33	-90.37	276.02	-6,913.13	1,300.32	967.35	332.98	3.905		
16,600.00	7,260.67	7,277.67	7,277.67	273.19	252.34	-90.40	276.02	-6,913.13	1,396.96	1,067.69	329.27	4.243		
16,700.00	7,260.85	7,277.85	7,277.85	276.02	252.35	-90.43	276.02	-6,913.13	1,494.03	1,167.96	326.07	4.582		
16,800.00	7,261.02	7,278.02	7,278.02	278.86	252.35	-90.45	276.02	-6,913.13	1,591.47	1,268.17	323.30	4.923		
16,900.00	7,261.20	7,278.20	7,278.20	281.69	252.36	-90.48	276.02	-6,913.13	1,689.21	1,368.32	320.89	5.264		
17,000.00	7,261.38	7,278.38	7,278.38	284.53	252.36	-90.51	276.02	-6,913.13	1,787.20	1,468.43	318.77	5.607		
17,100.00	7,261.56	7,278.56	7,278.56	287.37	252.37	-90.54	276.02	-6,913.13	1,885.40	1,568.50	316.90	5.949		
17,200.00	7,261.73	7,278.73	7,278.73	290.21	252.38	-90.57	276.02	-6,913.13	1,983.78	1,668.53	315.25	6.293		
17,300.00	7,261.91	7,278.91	7,278.91	293.04	252.38	-90.60	276.02	-6,913.13	2,082.31	1,768.54	313.78	6.636		
17,400.00	7,262.09	7,279.09	7,279.09	295.88	252.39	-90.63	276.02	-6,913.13	2,180.98	1,868.52	312.46	6.980		
17,500.00	7,262.26	7,279.26	7,279.26	298.72	252.40	-90.66	276.02	-6,913.13	2,279.77	1,968.48	311.29	7.324		
17,600.00	7,262.44	7,279.44	7,279.44	301.56	252.40	-90.69	276.02	-6,913.13	2,378.65	2,068.42	310.23	7.667		
17,700.00	7,262.62	7,279.62	7,279.62	304.40	252.41	-90.72	276.02	-6,913.13	2,477.63	2,168.35	309.28	8.011		
17,800.00	7,262.80	7,279.80	7,279.80	307.24	252.41	-90.75	276.02	-6,913.13	2,576.68	2,268.26	308.42	8.354		
17,900.00	7,262.97	7,279.97	7,279.97	310.08	252.42	-90.78	276.02	-6,913.13	2,675.80	2,368.16	307.64	8.698		
18,000.00	7,263.15	7,280.15	7,280.15	312.92	252.43	-90.81	276.02	-6,913.13	2,774.99	2,468.06	306.94	9.041		
18,100.00	7,263.33	7,280.33	7,280.33	315.76	252.43	-90.84	276.02	-6,913.13	2,874.23	2,567.94	306.30	9.384		
18,200.00	7,263.50	7,280.50	7,280.50	318.61	252.44	-90.86	276.02	-6,913.13	2,973.53	2,667.82	305.71	9.727		
18,300.00	7,263.68	7,280.68	7,280.68	321.45	252.44	-90.89	276.02	-6,913.13	3,072.87	2,767.69	305.18	10.069		
18,400.00	7,263.86	7,280.86	7,280.86	324.29	252.45	-90.92	276.02	-6,913.13	3,172.25	2,867.55	304.70	10.411		
18,500.00	7,264.04	7,281.04	7,281.04	327.13	252.46	-90.95	276.02	-6,913.13	3,271.67	2,967.41	304.26	10.753		
18,600.00	7,264.21	7,281.21	7,281.21	329.97	252.46	-90.98	276.02	-6,913.13	3,371.12	3,067.27	303.85	11.095		
18,700.00	7,264.39	7,281.39	7,281.39	332.82	252.47	-91.01	276.02	-6,913.13	3,470.61	3,167.12	303.48	11.436		
18,800.00	7,264.57	7,281.57	7,281.57	335.66	252.48	-91.04	276.02	-6,913.13	3,570.12	3,266.97	303.15	11.777		
18,900.00	7,264.74	7,281.74	7,281.74	338.51	252.48	-91.07	276.02	-6,913.13	3,669.66	3,366.82	302.84	12.118		
19,000.00	7,264.92	7,281.92	7,281.92	341.35	252.49	-91.10	276.02	-6,913.13	3,769.22	3,466.67	302.56	12.458		
19,044.52	7,265.00	7,282.00	7,282.00	342.62	252.49	-91.11	276.02	-6,913.13	3,813.56	3,511.12	302.44	12.609		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	4.00	4.00	3.28	3.28	-101.05	-1,419.72	-7,270.70	7,408.02					
100.00	100.00	104.00	104.00	3.28	3.78	-101.05	-1,419.72	-7,270.70	7,408.02	7,400.95	7.07	1,048.131		
200.00	200.00	204.00	204.00	3.34	6.30	-101.05	-1,419.72	-7,270.70	7,408.02	7,398.38	9.63	768.885		
300.00	299.98	303.98	303.98	3.44	9.45	-166.60	-1,419.72	-7,270.70	7,409.72	7,396.82	12.90	574.505		
400.00	399.84	403.84	403.84	3.60	12.78	-166.59	-1,419.72	-7,270.70	7,414.81	7,398.42	16.38	452.579		
500.00	499.45	503.45	503.45	3.81	16.17	-166.57	-1,419.72	-7,270.70	7,423.29	7,403.31	19.98	371.627		
600.00	598.70	602.70	602.70	4.06	19.57	-166.53	-1,419.72	-7,270.70	7,435.14	7,411.52	23.63	314.689		
700.00	697.47	701.47	701.47	4.34	22.98	-166.49	-1,419.72	-7,270.70	7,450.37	7,423.05	27.31	272.761		
800.00	795.62	800.38	799.62	4.66	26.40	-166.43	-1,419.72	-7,270.70	7,468.93	7,437.89	31.05	240.561		
824.00	819.08	823.08	823.08	4.75	27.19	-166.42	-1,419.72	-7,270.70	7,473.89	7,441.97	31.92	234.163		
900.00	893.28	902.72	897.28	5.02	29.95	-166.45	-1,419.72	-7,270.70	7,489.87	7,454.94	34.93	214.428		
1,000.00	990.92	1,005.08	994.92	5.40	33.50	-166.49	-1,419.72	-7,270.70	7,510.91	7,472.08	38.83	193.432		
1,100.00	1,088.56	1,107.44	1,092.56	5.80	37.06	-166.53	-1,419.72	-7,270.70	7,531.95	7,489.20	42.75	176.183		
1,200.00	1,186.19	1,209.81	1,190.19	6.21	40.62	-166.56	-1,419.72	-7,270.70	7,552.99	7,506.30	46.69	161.773		
1,300.00	1,283.83	1,287.83	1,287.83	6.64	43.34	-166.60	-1,419.72	-7,270.70	7,574.04	7,524.25	49.79	152.109		
1,400.00	1,381.47	1,385.47	1,385.47	7.08	46.74	-166.64	-1,419.72	-7,270.70	7,595.09	7,541.50	53.59	141.721		
1,500.00	1,479.10	1,483.10	1,483.10	7.53	50.14	-166.68	-1,419.72	-7,270.70	7,616.14	7,558.74	57.40	132.687		
1,600.00	1,576.74	1,580.74	1,580.74	7.99	53.54	-166.71	-1,419.72	-7,270.70	7,637.20	7,575.98	61.21	124.760		
1,700.00	1,674.38	1,678.38	1,678.38	8.45	56.94	-166.75	-1,419.72	-7,270.70	7,658.26	7,593.22	65.04	117.752		
1,800.00	1,772.02	1,776.02	1,776.02	8.92	60.34	-166.79	-1,419.72	-7,270.70	7,679.32	7,610.45	68.86	111.513		
1,900.00	1,869.65	1,873.65	1,873.65	9.39	63.75	-166.83	-1,419.72	-7,270.70	7,700.38	7,627.69	72.70	105.924		
2,000.00	1,967.29	1,971.29	1,971.29	9.87	67.15	-166.86	-1,419.72	-7,270.70	7,721.45	7,644.92	76.53	100.890		
2,100.00	2,064.93	2,068.93	2,068.93	10.35	70.56	-166.90	-1,419.72	-7,270.70	7,742.52	7,662.15	80.37	96.331		
2,200.00	2,162.56	2,166.56	2,166.56	10.83	73.96	-166.93	-1,419.72	-7,270.70	7,763.60	7,679.38	84.22	92.186		
2,300.00	2,260.20	2,264.20	2,264.20	11.32	77.37	-166.97	-1,419.72	-7,270.70	7,784.67	7,696.61	88.06	88.399		
2,400.00	2,357.84	2,361.84	2,361.84	11.80	80.77	-167.01	-1,419.72	-7,270.70	7,805.75	7,713.84	91.91	84.927		
2,500.00	2,455.48	2,459.48	2,459.48	12.29	84.18	-167.04	-1,419.72	-7,270.70	7,826.84	7,731.08	95.76	81.732		
2,600.00	2,553.11	2,557.11	2,557.11	12.78	87.58	-167.08	-1,419.72	-7,270.70	7,847.92	7,748.31	99.61	78.783		
2,700.00	2,650.75	2,654.75	2,654.75	13.27	90.99	-167.11	-1,419.72	-7,270.70	7,869.01	7,765.54	103.47	76.053		
2,800.00	2,748.39	2,752.39	2,752.39	13.77	94.40	-167.15	-1,419.72	-7,270.70	7,890.10	7,782.78	107.32	73.517		
2,900.00	2,846.02	2,850.02	2,850.02	14.26	97.80	-167.18	-1,419.72	-7,270.70	7,911.20	7,800.02	111.18	71.156		
3,000.00	2,943.66	2,947.66	2,947.66	14.76	101.21	-167.22	-1,419.72	-7,270.70	7,932.29	7,817.26	115.04	68.953		
3,100.00	3,041.30	3,045.30	3,045.30	15.25	104.62	-167.25	-1,419.72	-7,270.70	7,953.39	7,834.50	118.90	66.893		
3,200.00	3,138.94	3,142.94	3,142.94	15.75	108.02	-167.28	-1,419.72	-7,270.70	7,974.50	7,851.74	122.76	64.961		
3,300.00	3,236.57	3,240.57	3,240.57	16.25	111.43	-167.32	-1,419.72	-7,270.70	7,995.60	7,868.98	126.62	63.147		
3,400.00	3,334.21	3,338.21	3,338.21	16.75	114.84	-167.35	-1,419.72	-7,270.70	8,016.71	7,886.23	130.48	61.440		
3,500.00	3,431.85	3,435.85	3,435.85	17.25	118.25	-167.39	-1,419.72	-7,270.70	8,037.82	7,903.48	134.34	59.830		
3,600.00	3,529.48	3,533.48	3,533.48	17.75	121.65	-167.42	-1,419.72	-7,270.70	8,058.93	7,920.73	138.21	58.311		
3,700.00	3,627.12	3,631.12	3,631.12	18.25	125.06	-167.45	-1,419.72	-7,270.70	8,080.05	7,937.98	142.07	56.873		
3,800.00	3,724.76	3,728.76	3,728.76	18.75	128.47	-167.49	-1,419.72	-7,270.70	8,101.17	7,955.23	145.94	55.512		
3,900.00	3,822.40	3,826.40	3,826.40	19.25	131.88	-167.52	-1,419.72	-7,270.70	8,122.29	7,972.49	149.80	54.221		
4,000.00	3,920.03	3,924.03	3,924.03	19.75	135.28	-167.55	-1,419.72	-7,270.70	8,143.41	7,989.75	153.67	52.994		
4,100.00	4,017.67	4,021.67	4,021.67	20.25	138.69	-167.59	-1,419.72	-7,270.70	8,164.54	8,007.01	157.53	51.828		
4,200.00	4,115.31	4,119.31	4,119.31	20.76	142.10	-167.62	-1,419.72	-7,270.70	8,185.67	8,024.27	161.40	50.717		
4,300.00	4,212.94	4,216.94	4,216.94	21.26	145.51	-167.65	-1,419.72	-7,270.70	8,206.80	8,041.53	165.27	49.658		
4,400.00	4,310.58	4,314.58	4,314.58	21.76	148.91	-167.68	-1,419.72	-7,270.70	8,227.93	8,058.80	169.13	48.648		
4,500.00	4,408.22	4,412.22	4,412.22	22.27	152.32	-167.71	-1,419.72	-7,270.70	8,249.07	8,076.07	173.00	47.682		
4,600.00	4,505.86	4,509.86	4,509.86	22.77	155.73	-167.75	-1,419.72	-7,270.70	8,270.21	8,093.34	176.87	46.759		
4,700.00	4,603.49	4,607.49	4,607.49	23.28	159.14	-167.78	-1,419.72	-7,270.70	8,291.35	8,110.61	180.74	45.875		
4,800.00	4,701.13	4,705.13	4,705.13	23.78	162.54	-167.81	-1,419.72	-7,270.70	8,312.49	8,127.88	184.61	45.028		
4,900.00	4,798.77	4,802.77	4,802.77	24.28	165.95	-167.84	-1,419.72	-7,270.70	8,333.64	8,145.16	188.47	44.216		
5,000.00	4,896.40	4,900.40	4,900.40	24.79	169.36	-167.87	-1,419.72	-7,270.70	8,354.78	8,162.44	192.34	43.437		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,001.96	4,998.04	25.30	172.90	-167.90	-1,419.72	-7,270.70	8,375.93	8,179.59	196.35	42.658		
5,200.00	5,091.68	5,104.32	5,095.68	25.80	176.48	-167.93	-1,419.72	-7,270.70	8,397.09	8,196.70	200.38	41.905		
5,300.00	5,189.32	5,206.68	5,193.32	26.31	180.05	-167.96	-1,419.72	-7,270.70	8,418.24	8,213.82	204.42	41.181		
5,400.00	5,286.95	5,309.05	5,290.95	26.81	183.62	-167.99	-1,419.72	-7,270.70	8,439.40	8,230.95	208.45	40.486		
5,500.00	5,384.59	5,388.59	5,388.59	27.32	186.40	-168.03	-1,419.72	-7,270.70	8,460.56	8,248.87	211.69	39.966		
5,600.00	5,482.23	5,486.23	5,486.23	27.82	189.81	-168.06	-1,419.72	-7,270.70	8,481.72	8,266.16	215.56	39.347		
5,700.00	5,579.87	5,583.87	5,583.87	28.33	193.22	-168.09	-1,419.72	-7,270.70	8,502.89	8,283.45	219.43	38.749		
5,800.00	5,677.50	5,681.50	5,681.50	28.84	196.62	-168.12	-1,419.72	-7,270.70	8,524.05	8,300.75	223.30	38.172		
5,900.00	5,775.14	5,779.14	5,779.14	29.34	200.03	-168.15	-1,419.72	-7,270.70	8,545.22	8,318.05	227.18	37.615		
6,000.00	5,872.78	5,876.78	5,876.78	29.85	203.44	-168.17	-1,419.72	-7,270.70	8,566.39	8,335.35	231.05	37.076		
6,100.00	5,970.41	5,974.41	5,974.41	30.36	206.85	-168.20	-1,419.72	-7,270.70	8,587.57	8,352.65	234.92	36.556		
6,200.00	6,068.05	6,072.05	6,072.05	30.86	210.26	-168.23	-1,419.72	-7,270.70	8,608.74	8,369.95	238.79	36.052		
6,300.00	6,165.69	6,169.69	6,169.69	31.37	213.66	-168.26	-1,419.72	-7,270.70	8,629.92	8,387.26	242.66	35.564		
6,400.00	6,263.33	6,267.33	6,267.33	31.88	217.07	-168.29	-1,419.72	-7,270.70	8,651.10	8,404.56	246.53	35.091		
6,500.00	6,360.96	6,364.96	6,364.96	32.38	220.48	-168.32	-1,419.72	-7,270.70	8,672.28	8,421.87	250.41	34.633		
6,600.00	6,458.60	6,462.60	6,462.60	32.89	223.89	-168.35	-1,419.72	-7,270.70	8,693.46	8,439.19	254.28	34.189		
6,628.42	6,486.35	6,509.65	6,490.35	33.04	225.53	-168.36	-1,419.72	-7,270.70	8,699.48	8,443.43	256.05	33.976		
6,650.00	6,507.49	6,511.49	6,511.49	33.14	225.59	-163.96	-1,419.72	-7,270.70	8,703.71	8,447.49	256.21	33.970		
6,700.00	6,556.88	6,560.88	6,560.88	33.37	227.32	-146.12	-1,419.72	-7,270.70	8,710.80	8,452.64	258.16	33.742		
6,750.00	6,606.60	6,610.60	6,610.60	33.58	229.05	-107.47	-1,419.72	-7,270.70	8,714.08	8,453.98	260.10	33.502		
6,800.00	6,656.35	6,660.35	6,660.35	33.76	230.79	-65.21	-1,419.72	-7,270.70	8,713.55	8,451.52	262.03	33.254		
6,850.00	6,705.83	6,709.83	6,709.83	33.94	232.52	-44.79	-1,419.72	-7,270.70	8,709.21	8,445.28	263.93	32.999		
6,900.00	6,754.72	6,758.72	6,758.72	34.12	234.22	-35.51	-1,419.72	-7,270.70	8,701.08	8,435.29	265.79	32.737		
6,950.00	6,802.72	6,806.72	6,806.72	34.31	235.90	-30.67	-1,419.72	-7,270.70	8,689.21	8,421.61	267.60	32.471		
7,000.00	6,849.54	6,853.54	6,853.54	34.50	237.53	-27.90	-1,419.72	-7,270.70	8,673.69	8,404.34	269.35	32.203		
7,050.00	6,894.89	6,901.11	6,898.89	34.71	239.20	-26.31	-1,419.72	-7,270.70	8,654.60	8,383.49	271.11	31.923		
7,100.00	6,938.49	6,942.49	6,942.49	34.93	240.64	-25.46	-1,419.72	-7,270.70	8,632.07	8,359.44	272.63	31.662		
7,150.00	6,980.07	6,984.07	6,984.07	35.17	242.09	-25.16	-1,419.72	-7,270.70	8,606.25	8,332.09	274.15	31.392		
7,200.00	7,019.38	7,023.38	7,023.38	35.43	243.46	-25.32	-1,419.72	-7,270.70	8,577.28	8,301.70	275.58	31.125		
7,250.00	7,056.17	7,060.17	7,060.17	35.71	244.75	-25.89	-1,419.72	-7,270.70	8,545.36	8,268.46	276.90	30.861		
7,300.00	7,090.21	7,105.79	7,094.21	36.03	246.34	-26.90	-1,419.72	-7,270.70	8,510.67	8,232.15	278.53	30.556		
7,350.00	7,121.30	7,125.30	7,125.30	36.37	247.02	-28.39	-1,419.72	-7,270.70	8,473.45	8,194.22	279.23	30.346		
7,400.00	7,149.25	7,153.25	7,153.25	36.75	248.00	-30.46	-1,419.72	-7,270.70	8,433.91	8,153.69	280.22	30.097		
7,450.00	7,173.87	7,177.87	7,177.87	37.17	248.86	-33.28	-1,419.72	-7,270.70	8,392.30	8,111.20	281.10	29.856		
7,500.00	7,195.03	7,200.97	7,199.03	37.62	249.66	-37.09	-1,419.72	-7,270.70	8,348.88	8,066.97	281.92	29.615		
7,550.00	7,212.58	7,216.58	7,216.58	38.11	250.21	-42.28	-1,419.72	-7,270.70	8,303.92	8,021.45	282.48	29.397		
7,600.00	7,226.43	7,230.43	7,230.43	38.64	250.69	-49.40	-1,419.72	-7,270.70	8,257.70	7,974.72	282.98	29.181		
7,650.00	7,236.48	7,240.48	7,240.48	39.20	251.04	-59.19	-1,419.72	-7,270.70	8,210.50	7,927.14	283.36	28.976		
7,700.00	7,242.68	7,246.68	7,246.68	39.79	251.26	-72.30	-1,419.72	-7,270.70	8,162.61	7,879.00	283.61	28.781		
7,753.32	7,245.00	7,249.00	7,249.00	40.44	251.34	-89.61	-1,419.72	-7,270.70	8,111.11	7,827.38	283.73	28.587		
7,800.00	7,245.08	7,249.08	7,249.08	41.04	251.34	-89.61	-1,419.72	-7,270.70	8,065.94	7,782.16	283.79	28.423		
7,900.00	7,245.26	7,249.26	7,249.26	42.43	251.35	-89.62	-1,419.72	-7,270.70	7,969.24	7,685.33	283.91	28.070		
8,000.00	7,245.43	7,249.43	7,249.43	43.97	251.35	-89.62	-1,419.72	-7,270.70	7,872.63	7,588.57	284.06	27.715		
8,100.00	7,245.61	7,249.61	7,249.61	45.64	251.36	-89.63	-1,419.72	-7,270.70	7,776.10	7,491.86	284.23	27.358		
8,200.00	7,245.79	7,249.79	7,249.79	47.42	251.37	-89.63	-1,419.72	-7,270.70	7,679.65	7,395.22	284.43	27.000		
8,300.00	7,245.97	7,249.97	7,249.97	49.30	251.37	-89.64	-1,419.72	-7,270.70	7,583.30	7,298.64	284.66	26.640		
8,400.00	7,246.14	7,250.14	7,250.14	51.28	251.38	-89.64	-1,419.72	-7,270.70	7,487.05	7,202.13	284.91	26.278		
8,500.00	7,246.32	7,250.32	7,250.32	53.34	251.39	-89.65	-1,419.72	-7,270.70	7,390.89	7,105.69	285.20	25.915		
8,600.00	7,246.50	7,250.50	7,250.50	55.46	251.39	-89.65	-1,419.72	-7,270.70	7,294.84	7,009.32	285.52	25.550		
8,700.00	7,246.67	7,250.67	7,250.67	57.66	251.40	-89.66	-1,419.72	-7,270.70	7,198.89	6,913.03	285.87	25.183		
8,800.00	7,246.85	7,250.85	7,250.85	59.90	251.40	-89.66	-1,419.72	-7,270.70	7,103.06	6,816.81	286.25	24.814		
8,900.00	7,247.03	7,251.03	7,251.03	62.20	251.41	-89.67	-1,419.72	-7,270.70	7,007.35	6,720.67	286.67	24.444		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,251.21	7,251.21	64.55	251.42	-89.67	-1,419.72	-7,270.70	6,911.75	6,624.62	287.13	24.072		
9,100.00	7,247.38	7,251.38	7,251.38	66.93	251.42	-89.68	-1,419.72	-7,270.70	6,816.28	6,528.65	287.63	23.698		
9,200.00	7,247.56	7,251.56	7,251.56	69.35	251.43	-89.68	-1,419.72	-7,270.70	6,720.94	6,432.77	288.17	23.323		
9,300.00	7,247.74	7,251.74	7,251.74	71.80	251.43	-89.69	-1,419.72	-7,270.70	6,625.75	6,336.99	288.75	22.946		
9,400.00	7,247.91	7,251.91	7,251.91	74.29	251.44	-89.69	-1,419.72	-7,270.70	6,530.69	6,241.31	289.38	22.568		
9,500.00	7,248.09	7,252.09	7,252.09	76.79	251.45	-89.70	-1,419.72	-7,270.70	6,435.78	6,145.74	290.05	22.189		
9,600.00	7,248.27	7,252.27	7,252.27	79.33	251.45	-89.70	-1,419.72	-7,270.70	6,341.03	6,050.27	290.76	21.808		
9,700.00	7,248.45	7,252.45	7,252.45	81.88	251.46	-89.71	-1,419.72	-7,270.70	6,246.45	5,954.92	291.53	21.426		
9,800.00	7,248.62	7,252.62	7,252.62	84.45	251.47	-89.71	-1,419.72	-7,270.70	6,152.03	5,859.68	292.35	21.043		
9,900.00	7,248.80	7,252.80	7,252.80	87.04	251.47	-89.72	-1,419.72	-7,270.70	6,057.80	5,764.58	293.22	20.660		
10,000.00	7,248.98	7,252.98	7,252.98	89.65	251.48	-89.72	-1,419.72	-7,270.70	5,963.75	5,669.61	294.14	20.275		
10,100.00	7,249.15	7,253.15	7,253.15	92.28	251.48	-89.73	-1,419.72	-7,270.70	5,869.90	5,574.78	295.12	19.890		
10,200.00	7,249.33	7,253.33	7,253.33	94.91	251.49	-89.73	-1,419.72	-7,270.70	5,776.25	5,480.10	296.16	19.504		
10,300.00	7,249.51	7,253.51	7,253.51	97.56	251.50	-89.74	-1,419.72	-7,270.70	5,682.83	5,385.57	297.26	19.118		
10,400.00	7,249.69	7,253.69	7,253.69	100.22	251.50	-89.74	-1,419.72	-7,270.70	5,589.63	5,291.21	298.42	18.731		
10,500.00	7,249.86	7,253.86	7,253.86	102.89	251.51	-89.75	-1,419.72	-7,270.70	5,496.66	5,197.02	299.64	18.344		
10,600.00	7,250.04	7,254.04	7,254.04	105.57	251.51	-89.75	-1,419.72	-7,270.70	5,403.95	5,103.02	300.93	17.957		
10,700.00	7,250.22	7,254.22	7,254.22	108.27	251.52	-89.76	-1,419.72	-7,270.70	5,311.51	5,009.22	302.29	17.571		
10,800.00	7,250.39	7,254.39	7,254.39	110.96	251.53	-89.76	-1,419.72	-7,270.70	5,219.34	4,915.62	303.72	17.185		
10,900.00	7,250.57	7,254.57	7,254.57	113.67	251.53	-89.77	-1,419.72	-7,270.70	5,127.47	4,822.24	305.23	16.799		
11,000.00	7,250.75	7,254.75	7,254.75	116.39	251.54	-89.77	-1,419.72	-7,270.70	5,035.90	4,729.10	306.81	16.414		
11,100.00	7,250.93	7,254.93	7,254.93	119.11	251.55	-89.78	-1,419.72	-7,270.70	4,944.67	4,636.20	308.47	16.030		
11,200.00	7,251.10	7,255.10	7,255.10	121.83	251.55	-89.78	-1,419.72	-7,270.70	4,853.78	4,543.56	310.21	15.647		
11,300.00	7,251.28	7,255.28	7,255.28	124.57	251.56	-89.79	-1,419.72	-7,270.70	4,763.25	4,451.20	312.04	15.265		
11,400.00	7,251.46	7,255.46	7,255.46	127.31	251.56	-89.79	-1,419.72	-7,270.70	4,673.11	4,359.14	313.96	14.884		
11,500.00	7,251.63	7,255.63	7,255.63	130.05	251.57	-89.80	-1,419.72	-7,270.70	4,583.38	4,267.40	315.98	14.505		
11,600.00	7,251.81	7,255.81	7,255.81	132.80	251.58	-89.80	-1,419.72	-7,270.70	4,494.08	4,175.99	318.09	14.129		
11,700.00	7,251.99	7,255.99	7,255.99	135.55	251.58	-89.81	-1,419.72	-7,270.70	4,405.24	4,084.94	320.30	13.754		
11,800.00	7,252.17	7,256.17	7,256.17	138.31	251.59	-89.81	-1,419.72	-7,270.70	4,316.89	3,994.28	322.61	13.381		
11,900.00	7,252.34	7,256.34	7,256.34	141.07	251.60	-89.82	-1,419.72	-7,270.70	4,229.06	3,904.02	325.04	13.011		
12,000.00	7,252.52	7,256.52	7,256.52	143.84	251.60	-89.82	-1,419.72	-7,270.70	4,141.78	3,814.20	327.58	12.644		
12,100.00	7,252.70	7,256.70	7,256.70	146.61	251.61	-89.83	-1,419.72	-7,270.70	4,055.09	3,724.86	330.23	12.279		
12,200.00	7,252.87	7,256.87	7,256.87	149.38	251.61	-89.83	-1,419.72	-7,270.70	3,969.02	3,636.01	333.01	11.918		
12,300.00	7,253.05	7,257.05	7,257.05	152.16	251.62	-89.84	-1,419.72	-7,270.70	3,883.62	3,547.70	335.92	11.561		
12,400.00	7,253.23	7,257.23	7,257.23	154.94	251.63	-89.84	-1,419.72	-7,270.70	3,798.94	3,459.97	338.97	11.207		
12,500.00	7,253.41	7,257.41	7,257.41	157.72	251.63	-89.85	-1,419.72	-7,270.70	3,715.02	3,372.86	342.15	10.858		
12,600.00	7,253.58	7,257.58	7,257.58	160.51	251.64	-89.85	-1,419.72	-7,270.70	3,631.91	3,286.42	345.48	10.513		
12,700.00	7,253.76	7,257.76	7,257.76	163.29	251.64	-89.86	-1,419.72	-7,270.70	3,549.67	3,200.71	348.96	10.172		
12,800.00	7,253.94	7,257.94	7,257.94	166.08	251.65	-89.86	-1,419.72	-7,270.70	3,468.36	3,115.76	352.60	9.837		
12,900.00	7,254.11	7,258.11	7,258.11	168.88	251.66	-89.87	-1,419.72	-7,270.70	3,388.06	3,031.66	356.40	9.506		
13,000.00	7,254.29	7,258.29	7,258.29	171.67	251.66	-89.87	-1,419.72	-7,270.70	3,308.83	2,948.46	360.36	9.182		
13,100.00	7,254.47	7,258.47	7,258.47	174.47	251.67	-89.88	-1,419.72	-7,270.70	3,230.75	2,866.25	364.50	8.863		
13,200.00	7,254.65	7,258.65	7,258.65	177.27	251.68	-89.88	-1,419.72	-7,270.70	3,153.91	2,785.09	368.82	8.551		
13,300.00	7,254.82	7,258.82	7,258.82	180.07	251.68	-89.89	-1,419.72	-7,270.70	3,078.40	2,705.09	373.31	8.246		
13,400.00	7,255.00	7,259.00	7,259.00	182.87	251.69	-89.89	-1,419.72	-7,270.70	3,004.32	2,626.33	377.99	7.948		
13,500.00	7,255.18	7,259.18	7,259.18	185.67	251.69	-89.90	-1,419.72	-7,270.70	2,931.78	2,548.93	382.85	7.658		
13,600.00	7,255.35	7,259.35	7,259.35	188.48	251.70	-89.90	-1,419.72	-7,270.70	2,860.90	2,473.00	387.90	7.375		
13,700.00	7,255.53	7,259.53	7,259.53	191.29	251.71	-89.91	-1,419.72	-7,270.70	2,791.80	2,398.67	393.13	7.102		
13,800.00	7,255.71	7,259.71	7,259.71	194.10	251.71	-89.91	-1,419.72	-7,270.70	2,724.62	2,326.08	398.53	6.837		
13,900.00	7,255.89	7,259.89	7,259.89	196.91	251.72	-89.92	-1,419.72	-7,270.70	2,659.50	2,255.39	404.11	6.581		
14,000.00	7,256.06	7,260.06	7,260.06	199.72	251.73	-89.92	-1,419.72	-7,270.70	2,596.60	2,186.75	409.85	6.335		
14,100.00	7,256.24	7,260.24	7,260.24	202.53	251.73	-89.93	-1,419.72	-7,270.70	2,536.09	2,120.35	415.74	6.100		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	7,260.42	7,260.42	205.35	251.74	-89.93	-1,419.72	-7,270.70	2,478.13	2,056.38	421.75	5.876		
14,300.00	7,256.59	7,260.59	7,260.59	208.16	251.74	-89.94	-1,419.72	-7,270.70	2,422.92	1,995.05	427.87	5.663		
14,400.00	7,256.77	7,260.77	7,260.77	210.98	251.75	-89.94	-1,419.72	-7,270.70	2,370.64	1,936.58	434.06	5.462		
14,500.00	7,256.95	7,260.95	7,260.95	213.80	251.76	-89.95	-1,419.72	-7,270.70	2,321.49	1,881.21	440.29	5.273		
14,600.00	7,257.13	7,261.13	7,261.13	216.62	251.76	-89.95	-1,419.72	-7,270.70	2,275.68	1,829.17	446.52	5.097		
14,700.00	7,257.30	7,261.30	7,261.30	219.44	251.77	-89.96	-1,419.72	-7,270.70	2,233.41	1,780.71	452.70	4.934		
14,800.00	7,257.48	7,261.48	7,261.48	222.26	251.77	-89.96	-1,419.72	-7,270.70	2,194.89	1,736.11	458.78	4.784		
14,900.00	7,257.66	7,261.66	7,261.66	225.08	251.78	-89.97	-1,419.72	-7,270.70	2,160.31	1,695.60	464.71	4.649		
15,000.00	7,257.83	7,261.83	7,261.83	227.91	251.79	-89.97	-1,419.72	-7,270.70	2,129.87	1,659.46	470.41	4.528		
15,100.00	7,258.01	7,262.01	7,262.01	230.73	251.79	-89.98	-1,419.72	-7,270.70	2,103.74	1,627.91	475.84	4.421		
15,200.00	7,258.19	7,262.19	7,262.19	233.56	251.80	-89.98	-1,419.72	-7,270.70	2,082.10	1,601.18	480.92	4.329		
15,300.00	7,258.37	7,262.37	7,262.37	236.38	251.81	-89.98	-1,419.72	-7,270.70	2,065.07	1,579.48	485.59	4.253		
15,400.00	7,258.54	7,262.54	7,262.54	239.21	251.81	-89.99	-1,419.72	-7,270.70	2,052.79	1,562.97	489.81	4.191		
15,500.00	7,258.72	7,262.72	7,262.72	242.04	251.82	-89.99	-1,419.72	-7,270.70	2,045.32	1,551.80	493.52	4.144		
15,600.00	7,258.90	7,262.90	7,262.90	244.87	251.82	-90.00	-1,419.72	-7,270.70	2,042.72	1,546.04	496.69	4.113		
15,603.01	7,258.90	7,262.90	7,262.90	244.95	251.82	-90.00	-1,419.72	-7,270.70	2,042.72	1,545.95	496.77	4.112 CC		
15,700.00	7,259.08	7,263.08	7,263.08	247.70	251.83	-90.00	-1,419.72	-7,270.70	2,045.02	1,545.74	499.28	4.096 ES		
15,800.00	7,259.25	7,263.25	7,263.25	250.53	251.84	-90.01	-1,419.72	-7,270.70	2,052.20	1,550.91	501.29	4.094 SF		
15,900.00	7,259.43	7,263.43	7,263.43	253.36	251.84	-90.01	-1,419.72	-7,270.70	2,064.20	1,561.50	502.70	4.106		
16,000.00	7,259.61	7,263.61	7,263.61	256.19	251.85	-90.02	-1,419.72	-7,270.70	2,080.94	1,577.40	503.54	4.133		
16,100.00	7,259.78	7,263.78	7,263.78	259.02	251.86	-90.02	-1,419.72	-7,270.70	2,102.31	1,598.49	503.82	4.173		
16,200.00	7,259.96	7,263.96	7,263.96	261.85	251.86	-90.03	-1,419.72	-7,270.70	2,128.17	1,624.60	503.57	4.226		
16,300.00	7,260.14	7,264.14	7,264.14	264.68	251.87	-90.03	-1,419.72	-7,270.70	2,158.36	1,655.52	502.84	4.292		
16,400.00	7,260.32	7,264.32	7,264.32	267.52	251.87	-90.04	-1,419.72	-7,270.70	2,192.69	1,691.03	501.66	4.371		
16,500.00	7,260.49	7,264.49	7,264.49	270.35	251.88	-90.04	-1,419.72	-7,270.70	2,230.99	1,730.90	500.09	4.461		
16,600.00	7,260.67	7,264.67	7,264.67	273.19	251.89	-90.05	-1,419.72	-7,270.70	2,273.04	1,774.86	498.18	4.563		
16,700.00	7,260.85	7,264.85	7,264.85	276.02	251.89	-90.05	-1,419.72	-7,270.70	2,318.64	1,822.68	495.96	4.675		
16,800.00	7,261.02	7,265.02	7,265.02	278.86	251.90	-90.06	-1,419.72	-7,270.70	2,367.59	1,874.09	493.51	4.798		
16,900.00	7,261.20	7,265.20	7,265.20	281.69	251.90	-90.06	-1,419.72	-7,270.70	2,419.69	1,928.85	490.84	4.930		
17,000.00	7,261.38	7,265.38	7,265.38	284.53	251.91	-90.07	-1,419.72	-7,270.70	2,474.73	1,986.71	488.02	5.071		
17,100.00	7,261.56	7,265.56	7,265.56	287.37	251.92	-90.07	-1,419.72	-7,270.70	2,532.53	2,047.45	485.08	5.221		
17,200.00	7,261.73	7,265.73	7,265.73	290.21	251.92	-90.08	-1,419.72	-7,270.70	2,592.89	2,110.85	482.04	5.379		
17,300.00	7,261.91	7,265.91	7,265.91	293.04	251.93	-90.08	-1,419.72	-7,270.70	2,655.65	2,176.70	478.95	5.545		
17,400.00	7,262.09	7,266.09	7,266.09	295.88	251.94	-90.09	-1,419.72	-7,270.70	2,720.64	2,244.81	475.83	5.718		
17,500.00	7,262.26	7,266.26	7,266.26	298.72	251.94	-90.09	-1,419.72	-7,270.70	2,787.70	2,315.01	472.69	5.898		
17,600.00	7,262.44	7,266.44	7,266.44	301.56	251.95	-90.10	-1,419.72	-7,270.70	2,856.69	2,387.13	469.56	6.084		
17,700.00	7,262.62	7,266.62	7,266.62	304.40	251.95	-90.10	-1,419.72	-7,270.70	2,927.47	2,461.01	466.46	6.276		
17,800.00	7,262.80	7,266.80	7,266.80	307.24	251.96	-90.11	-1,419.72	-7,270.70	2,999.91	2,536.52	463.39	6.474		
17,900.00	7,262.97	7,266.97	7,266.97	310.08	251.97	-90.11	-1,419.72	-7,270.70	3,073.90	2,613.54	460.36	6.677		
18,000.00	7,263.15	7,267.15	7,267.15	312.92	251.97	-90.12	-1,419.72	-7,270.70	3,149.33	2,691.93	457.40	6.885		
18,100.00	7,263.33	7,267.33	7,267.33	315.76	251.98	-90.12	-1,419.72	-7,270.70	3,226.09	2,771.60	454.49	7.098		
18,200.00	7,263.50	7,267.50	7,267.50	318.61	251.98	-90.13	-1,419.72	-7,270.70	3,304.10	2,852.45	451.65	7.316		
18,300.00	7,263.68	7,267.68	7,267.68	321.45	251.99	-90.13	-1,419.72	-7,270.70	3,383.26	2,934.39	448.88	7.537		
18,400.00	7,263.86	7,267.86	7,267.86	324.29	252.00	-90.14	-1,419.72	-7,270.70	3,463.50	3,017.33	446.18	7.763		
18,500.00	7,264.04	7,268.04	7,268.04	327.13	252.00	-90.14	-1,419.72	-7,270.70	3,544.75	3,101.20	443.55	7.992		
18,600.00	7,264.21	7,268.21	7,268.21	329.97	252.01	-90.15	-1,419.72	-7,270.70	3,626.93	3,185.94	441.00	8.224		
18,700.00	7,264.39	7,268.39	7,268.39	332.82	252.02	-90.15	-1,419.72	-7,270.70	3,709.99	3,271.47	438.52	8.460		
18,800.00	7,264.57	7,268.57	7,268.57	335.66	252.02	-90.16	-1,419.72	-7,270.70	3,793.87	3,357.76	436.11	8.699		
18,900.00	7,264.74	7,268.74	7,268.74	338.51	252.03	-90.16	-1,419.72	-7,270.70	3,878.51	3,444.73	433.78	8.941		
19,000.00	7,264.92	7,268.92	7,268.92	341.35	252.03	-90.17	-1,419.72	-7,270.70	3,963.87	3,532.34	431.52	9.186		
19,044.52	7,265.00	7,269.00	7,269.00	342.62	252.04	-90.17	-1,419.72	-7,270.70	4,002.09	3,571.55	430.54	9.295		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	10.00	10.00	3.28	3.28	-88.37	158.74	-5,576.92	5,579.18					
100.00	100.00	110.00	110.00	3.28	3.89	-88.37	158.74	-5,576.92	5,579.18	5,572.00	7.18	777.429		
200.00	200.00	210.00	210.00	3.34	6.48	-88.37	158.74	-5,576.92	5,579.18	5,569.36	9.81	568.464		
300.00	299.98	309.98	309.98	3.44	9.65	-153.92	158.74	-5,576.92	5,580.74	5,567.65	13.09	426.201		
400.00	399.84	409.84	409.84	3.60	12.98	-153.91	158.74	-5,576.92	5,585.45	5,568.86	16.59	336.772		
500.00	499.45	509.45	509.45	3.81	16.37	-153.88	158.74	-5,576.92	5,593.28	5,573.10	20.18	277.188		
600.00	598.70	608.70	608.70	4.06	19.78	-153.83	158.74	-5,576.92	5,604.23	5,580.40	23.83	235.165		
700.00	697.47	707.47	707.47	4.34	23.19	-153.78	158.74	-5,576.92	5,618.30	5,590.78	27.52	204.162		
800.00	795.62	805.62	805.62	4.66	26.58	-153.71	158.74	-5,576.92	5,635.48	5,604.25	31.23	180.470		
824.00	819.08	829.08	829.08	4.75	27.39	-153.69	158.74	-5,576.92	5,640.06	5,607.94	32.12	175.583		
900.00	893.28	903.28	903.28	5.02	29.97	-153.76	158.74	-5,576.92	5,654.85	5,619.91	34.95	161.810		
1,000.00	990.92	1,000.92	1,000.92	5.40	33.36	-153.86	158.74	-5,576.92	5,674.33	5,635.65	38.69	146.674		
1,100.00	1,088.56	1,101.44	1,098.56	5.80	36.85	-153.96	158.74	-5,576.92	5,693.83	5,651.28	42.55	133.824		
1,200.00	1,186.19	1,203.81	1,196.19	6.21	40.41	-154.05	158.74	-5,576.92	5,713.34	5,666.85	46.49	122.897		
1,300.00	1,283.83	1,306.17	1,293.83	6.64	43.98	-154.15	158.74	-5,576.92	5,732.87	5,682.42	50.44	113.648		
1,400.00	1,381.47	1,408.53	1,391.47	7.08	47.54	-154.24	158.74	-5,576.92	5,752.41	5,698.00	54.41	105.721		
1,500.00	1,479.10	1,489.10	1,489.10	7.53	50.35	-154.33	158.74	-5,576.92	5,771.96	5,714.34	57.63	100.159		
1,600.00	1,576.74	1,586.74	1,586.74	7.99	53.75	-154.42	158.74	-5,576.92	5,791.53	5,730.09	61.45	94.252		
1,700.00	1,674.38	1,684.38	1,684.38	8.45	57.15	-154.52	158.74	-5,576.92	5,811.12	5,745.85	65.27	89.028		
1,800.00	1,772.02	1,782.02	1,782.02	8.92	60.55	-154.61	158.74	-5,576.92	5,830.72	5,761.61	69.10	84.375		
1,900.00	1,869.65	1,879.65	1,879.65	9.39	63.96	-154.70	158.74	-5,576.92	5,850.33	5,777.39	72.94	80.207		
2,000.00	1,967.29	1,977.29	1,977.29	9.87	67.36	-154.79	158.74	-5,576.92	5,869.96	5,793.18	76.78	76.451		
2,100.00	2,064.93	2,074.93	2,074.93	10.35	70.77	-154.88	158.74	-5,576.92	5,889.60	5,808.98	80.62	73.050		
2,200.00	2,162.56	2,172.56	2,172.56	10.83	74.17	-154.96	158.74	-5,576.92	5,909.26	5,824.78	84.47	69.956		
2,300.00	2,260.20	2,270.20	2,270.20	11.32	77.58	-155.05	158.74	-5,576.92	5,928.92	5,840.60	88.32	67.130		
2,400.00	2,357.84	2,367.84	2,367.84	11.80	80.98	-155.14	158.74	-5,576.92	5,948.61	5,856.43	92.17	64.538		
2,500.00	2,455.48	2,465.48	2,465.48	12.29	84.39	-155.23	158.74	-5,576.92	5,968.30	5,872.28	96.03	62.153		
2,600.00	2,553.11	2,563.11	2,563.11	12.78	87.79	-155.31	158.74	-5,576.92	5,988.01	5,888.13	99.88	59.951		
2,700.00	2,650.75	2,660.75	2,660.75	13.27	91.20	-155.40	158.74	-5,576.92	6,007.73	5,903.99	103.74	57.912		
2,800.00	2,748.39	2,758.39	2,758.39	13.77	94.61	-155.48	158.74	-5,576.92	6,027.47	5,919.87	107.60	56.019		
2,900.00	2,846.02	2,856.02	2,856.02	14.26	98.01	-155.57	158.74	-5,576.92	6,047.21	5,935.76	111.46	54.256		
3,000.00	2,943.66	2,953.66	2,953.66	14.76	101.42	-155.65	158.74	-5,576.92	6,066.97	5,951.66	115.32	52.611		
3,100.00	3,041.30	3,051.30	3,051.30	15.25	104.83	-155.74	158.74	-5,576.92	6,086.75	5,967.57	119.18	51.072		
3,200.00	3,138.94	3,148.94	3,148.94	15.75	108.23	-155.82	158.74	-5,576.92	6,106.53	5,983.49	123.04	49.629		
3,300.00	3,236.57	3,246.57	3,246.57	16.25	111.64	-155.90	158.74	-5,576.92	6,126.33	5,999.42	126.91	48.274		
3,400.00	3,334.21	3,344.21	3,344.21	16.75	115.05	-155.98	158.74	-5,576.92	6,146.14	6,015.37	130.77	46.999		
3,500.00	3,431.85	3,441.85	3,441.85	17.25	118.46	-156.06	158.74	-5,576.92	6,165.96	6,031.32	134.64	45.797		
3,600.00	3,529.48	3,539.48	3,539.48	17.75	121.86	-156.15	158.74	-5,576.92	6,185.80	6,047.29	138.50	44.662		
3,700.00	3,627.12	3,637.12	3,637.12	18.25	125.27	-156.23	158.74	-5,576.92	6,205.64	6,063.27	142.37	43.588		
3,800.00	3,724.76	3,734.76	3,734.76	18.75	128.68	-156.31	158.74	-5,576.92	6,225.50	6,079.26	146.24	42.571		
3,900.00	3,822.40	3,832.40	3,832.40	19.25	132.08	-156.39	158.74	-5,576.92	6,245.37	6,095.26	150.11	41.607		
4,000.00	3,920.03	3,930.03	3,930.03	19.75	135.49	-156.46	158.74	-5,576.92	6,265.25	6,111.28	153.97	40.690		
4,100.00	4,017.67	4,027.67	4,027.67	20.25	138.90	-156.54	158.74	-5,576.92	6,285.14	6,127.30	157.84	39.819		
4,200.00	4,115.31	4,125.31	4,125.31	20.76	142.31	-156.62	158.74	-5,576.92	6,305.04	6,143.33	161.71	38.990		
4,300.00	4,212.94	4,222.94	4,222.94	21.26	145.71	-156.70	158.74	-5,576.92	6,324.96	6,159.38	165.58	38.199		
4,400.00	4,310.58	4,320.58	4,320.58	21.76	149.12	-156.77	158.74	-5,576.92	6,344.88	6,175.43	169.45	37.444		
4,500.00	4,408.22	4,418.22	4,418.22	22.27	152.53	-156.85	158.74	-5,576.92	6,364.82	6,191.50	173.32	36.723		
4,600.00	4,505.86	4,515.86	4,515.86	22.77	155.94	-156.93	158.74	-5,576.92	6,384.77	6,207.58	177.19	36.034		
4,700.00	4,603.49	4,613.49	4,613.49	23.28	159.35	-157.00	158.74	-5,576.92	6,404.73	6,223.67	181.06	35.373		
4,800.00	4,701.13	4,711.13	4,711.13	23.78	162.75	-157.08	158.74	-5,576.92	6,424.70	6,239.76	184.93	34.741		
4,900.00	4,798.77	4,808.77	4,808.77	24.28	166.16	-157.15	158.74	-5,576.92	6,444.67	6,255.87	188.80	34.135		
5,000.00	4,896.40	4,906.40	4,906.40	24.79	169.57	-157.23	158.74	-5,576.92	6,464.66	6,271.99	192.67	33.553		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,004.04	5,004.04	25.30	172.98	-157.30	158.74	-5,576.92	6,484.67	6,288.12	196.54	32.993		
5,200.00	5,091.68	5,101.68	5,101.68	25.80	176.38	-157.37	158.74	-5,576.92	6,504.68	6,304.26	200.42	32.456		
5,300.00	5,189.32	5,200.68	5,199.32	26.31	179.84	-157.45	158.74	-5,576.92	6,524.70	6,320.36	204.34	31.931		
5,400.00	5,286.95	5,303.05	5,296.95	26.81	183.41	-157.52	158.74	-5,576.92	6,544.73	6,336.36	208.37	31.409		
5,500.00	5,384.59	5,405.41	5,394.59	27.32	186.99	-157.59	158.74	-5,576.92	6,564.77	6,352.36	212.41	30.906		
5,600.00	5,482.23	5,507.77	5,492.23	27.82	190.56	-157.66	158.74	-5,576.92	6,584.82	6,368.37	216.45	30.422		
5,700.00	5,579.87	5,589.87	5,589.87	28.33	193.42	-157.73	158.74	-5,576.92	6,604.88	6,385.10	219.78	30.053		
5,800.00	5,677.50	5,687.50	5,687.50	28.84	196.83	-157.80	158.74	-5,576.92	6,624.95	6,401.30	223.65	29.622		
5,900.00	5,775.14	5,785.14	5,785.14	29.34	200.24	-157.87	158.74	-5,576.92	6,645.03	6,417.51	227.52	29.206		
6,000.00	5,872.78	5,882.78	5,882.78	29.85	203.65	-157.94	158.74	-5,576.92	6,665.12	6,433.73	231.39	28.804		
6,100.00	5,970.41	5,980.41	5,980.41	30.36	207.06	-158.01	158.74	-5,576.92	6,685.22	6,449.95	235.27	28.415		
6,200.00	6,068.05	6,078.05	6,078.05	30.86	210.47	-158.08	158.74	-5,576.92	6,705.33	6,466.19	239.14	28.039		
6,300.00	6,165.69	6,175.69	6,175.69	31.37	213.87	-158.15	158.74	-5,576.92	6,725.45	6,482.43	243.01	27.675		
6,400.00	6,263.33	6,273.33	6,273.33	31.88	217.28	-158.22	158.74	-5,576.92	6,745.57	6,498.69	246.89	27.323		
6,500.00	6,360.96	6,370.96	6,370.96	32.38	220.69	-158.29	158.74	-5,576.92	6,765.71	6,514.95	250.76	26.981		
6,600.00	6,458.60	6,468.60	6,468.60	32.89	224.10	-158.35	158.74	-5,576.92	6,785.86	6,531.22	254.63	26.649		
6,628.42	6,486.35	6,503.65	6,496.35	33.04	225.32	-158.37	158.74	-5,576.92	6,791.58	6,535.59	255.99	26.531		
6,650.00	6,507.49	6,517.49	6,517.49	33.14	225.80	-154.05	158.74	-5,576.92	6,795.57	6,539.00	256.57	26.486		
6,700.00	6,556.88	6,566.88	6,566.88	33.37	227.53	-136.34	158.74	-5,576.92	6,802.05	6,543.53	258.52	26.312		
6,750.00	6,606.60	6,616.60	6,616.60	33.58	229.26	-97.75	158.74	-5,576.92	6,804.63	6,544.17	260.46	26.125		
6,800.00	6,656.35	6,666.35	6,666.35	33.76	231.00	-55.49	158.74	-5,576.92	6,803.29	6,540.90	262.38	25.929		
6,850.00	6,705.83	6,715.83	6,715.83	33.94	232.73	-35.02	158.74	-5,576.92	6,798.04	6,533.77	264.28	25.723		
6,900.00	6,754.72	6,764.72	6,764.72	34.12	234.43	-25.62	158.74	-5,576.92	6,788.93	6,522.79	266.13	25.509		
6,950.00	6,802.72	6,812.72	6,812.72	34.31	236.11	-20.59	158.74	-5,576.92	6,775.99	6,508.05	267.94	25.289		
7,000.00	6,849.54	6,859.54	6,859.54	34.50	237.74	-17.57	158.74	-5,576.92	6,759.32	6,489.64	269.69	25.064		
7,050.00	6,894.89	6,904.89	6,904.89	34.71	239.33	-15.63	158.74	-5,576.92	6,739.02	6,467.66	271.36	24.834		
7,100.00	6,938.49	6,948.49	6,948.49	34.93	240.85	-14.36	158.74	-5,576.92	6,715.20	6,442.24	272.96	24.601		
7,150.00	6,980.07	7,009.93	6,990.07	35.17	242.99	-13.52	158.74	-5,576.92	6,688.03	6,412.87	275.17	24.306		
7,200.00	7,019.38	7,029.38	7,029.38	35.43	243.67	-13.02	158.74	-5,576.92	6,657.66	6,381.77	275.89	24.132		
7,250.00	7,056.17	7,066.17	7,066.17	35.71	244.96	-12.78	158.74	-5,576.92	6,624.29	6,347.09	277.20	23.897		
7,300.00	7,090.21	7,100.21	7,100.21	36.03	246.15	-12.79	158.74	-5,576.92	6,588.12	6,309.71	278.41	23.663		
7,350.00	7,121.30	7,131.30	7,131.30	36.37	247.23	-13.05	158.74	-5,576.92	6,549.36	6,269.86	279.50	23.432		
7,400.00	7,149.25	7,159.25	7,159.25	36.75	248.21	-13.58	158.74	-5,576.92	6,508.27	6,227.80	280.48	23.204		
7,450.00	7,173.87	7,183.87	7,183.87	37.17	249.07	-14.48	158.74	-5,576.92	6,465.10	6,183.77	281.33	22.981		
7,500.00	7,195.03	7,205.03	7,205.03	37.62	249.80	-15.89	158.74	-5,576.92	6,420.10	6,138.04	282.05	22.762		
7,550.00	7,212.58	7,222.58	7,222.58	38.11	250.42	-18.11	158.74	-5,576.92	6,373.56	6,090.91	282.65	22.549		
7,600.00	7,226.43	7,236.43	7,236.43	38.64	250.90	-21.80	158.74	-5,576.92	6,325.76	6,042.64	283.12	22.343		
7,650.00	7,236.48	7,246.48	7,246.48	39.20	251.25	-28.65	158.74	-5,576.92	6,277.00	5,993.55	283.46	22.144		
7,700.00	7,242.68	7,252.68	7,252.68	39.79	251.47	-44.02	158.74	-5,576.92	6,227.58	5,943.92	283.67	21.954		
7,753.32	7,245.00	7,255.00	7,255.00	40.44	251.55	-88.65	158.74	-5,576.92	6,174.49	5,890.75	283.75	21.761		
7,800.00	7,245.08	7,255.08	7,255.08	41.04	251.55	-88.66	158.74	-5,576.92	6,127.95	5,844.19	283.75	21.596		
7,900.00	7,245.26	7,255.26	7,255.26	42.43	251.56	-88.68	158.74	-5,576.92	6,028.24	5,744.47	283.76	21.244		
8,000.00	7,245.43	7,255.43	7,255.43	43.97	251.56	-88.70	158.74	-5,576.92	5,928.54	5,644.76	283.78	20.891		
8,100.00	7,245.61	7,255.61	7,255.61	45.64	251.57	-88.73	158.74	-5,576.92	5,828.85	5,545.05	283.80	20.539		
8,200.00	7,245.79	7,255.79	7,255.79	47.42	251.58	-88.75	158.74	-5,576.92	5,729.17	5,445.35	283.82	20.186		
8,300.00	7,245.97	7,255.97	7,255.97	49.30	251.58	-88.77	158.74	-5,576.92	5,629.50	5,345.65	283.85	19.833		
8,400.00	7,246.14	7,256.14	7,256.14	51.28	251.59	-88.79	158.74	-5,576.92	5,529.85	5,245.96	283.88	19.479		
8,500.00	7,246.32	7,256.32	7,256.32	53.34	251.59	-88.81	158.74	-5,576.92	5,430.20	5,146.29	283.92	19.126		
8,600.00	7,246.50	7,256.50	7,256.50	55.46	251.60	-88.84	158.74	-5,576.92	5,330.58	5,046.62	283.96	18.772		
8,700.00	7,246.67	7,256.67	7,256.67	57.66	251.61	-88.86	158.74	-5,576.92	5,230.96	4,946.95	284.01	18.418		
8,800.00	7,246.85	7,256.85	7,256.85	59.90	251.61	-88.88	158.74	-5,576.92	5,131.36	4,847.30	284.06	18.064		
8,900.00	7,247.03	7,257.03	7,257.03	62.20	251.62	-88.90	158.74	-5,576.92	5,031.78	4,747.66	284.12	17.710		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,257.21	7,257.21	64.55	251.63	-88.92	158.74	-5,576.92	4,932.21	4,648.03	284.18	17.356		
9,100.00	7,247.38	7,257.38	7,257.38	66.93	251.63	-88.95	158.74	-5,576.92	4,832.66	4,548.40	284.26	17.001		
9,200.00	7,247.56	7,257.56	7,257.56	69.35	251.64	-88.97	158.74	-5,576.92	4,733.13	4,448.79	284.34	16.646		
9,300.00	7,247.74	7,257.74	7,257.74	71.80	251.64	-88.99	158.74	-5,576.92	4,633.62	4,349.19	284.43	16.291		
9,400.00	7,247.91	7,257.91	7,257.91	74.29	251.65	-89.01	158.74	-5,576.92	4,534.13	4,249.61	284.52	15.936		
9,500.00	7,248.09	7,258.09	7,258.09	76.79	251.66	-89.03	158.74	-5,576.92	4,434.67	4,150.03	284.63	15.580		
9,600.00	7,248.27	7,258.27	7,258.27	79.33	251.66	-89.06	158.74	-5,576.92	4,335.23	4,050.47	284.75	15.225		
9,700.00	7,248.45	7,258.45	7,258.45	81.88	251.67	-89.08	158.74	-5,576.92	4,235.81	3,950.93	284.89	14.868		
9,800.00	7,248.62	7,258.62	7,258.62	84.45	251.67	-89.10	158.74	-5,576.92	4,136.42	3,851.39	285.03	14.512		
9,900.00	7,248.80	7,258.80	7,258.80	87.04	251.68	-89.12	158.74	-5,576.92	4,037.07	3,751.88	285.19	14.156		
10,000.00	7,248.98	7,258.98	7,258.98	89.65	251.69	-89.14	158.74	-5,576.92	3,937.75	3,652.38	285.37	13.799		
10,100.00	7,249.15	7,259.15	7,259.15	92.28	251.69	-89.16	158.74	-5,576.92	3,838.46	3,552.89	285.56	13.442		
10,200.00	7,249.33	7,259.33	7,259.33	94.91	251.70	-89.19	158.74	-5,576.92	3,739.21	3,453.43	285.78	13.084		
10,300.00	7,249.51	7,259.51	7,259.51	97.56	251.71	-89.21	158.74	-5,576.92	3,640.00	3,353.98	286.01	12.727		
10,400.00	7,249.69	7,259.69	7,259.69	100.22	251.71	-89.23	158.74	-5,576.92	3,540.83	3,254.56	286.28	12.369		
10,500.00	7,249.86	7,259.86	7,259.86	102.89	251.72	-89.25	158.74	-5,576.92	3,441.72	3,155.15	286.56	12.010		
10,600.00	7,250.04	7,260.04	7,260.04	105.57	251.72	-89.27	158.74	-5,576.92	3,342.65	3,055.77	286.88	11.652		
10,700.00	7,250.22	7,260.22	7,260.22	108.27	251.73	-89.30	158.74	-5,576.92	3,243.64	2,956.41	287.24	11.293		
10,800.00	7,250.39	7,260.39	7,260.39	110.96	251.74	-89.32	158.74	-5,576.92	3,144.70	2,857.07	287.63	10.933		
10,900.00	7,250.57	7,260.57	7,260.57	113.67	251.74	-89.34	158.74	-5,576.92	3,045.83	2,757.76	288.07	10.573		
11,000.00	7,250.75	7,260.75	7,260.75	116.39	251.75	-89.36	158.74	-5,576.92	2,947.03	2,658.48	288.55	10.213		
11,100.00	7,250.93	7,260.93	7,260.93	119.11	251.76	-89.38	158.74	-5,576.92	2,848.31	2,559.23	289.09	9.853		
11,200.00	7,251.10	7,261.10	7,261.10	121.83	251.76	-89.41	158.74	-5,576.92	2,749.69	2,460.00	289.69	9.492		
11,300.00	7,251.28	7,261.28	7,261.28	124.57	251.77	-89.43	158.74	-5,576.92	2,651.17	2,360.81	290.36	9.131		
11,400.00	7,251.46	7,261.46	7,261.46	127.31	251.77	-89.45	158.74	-5,576.92	2,552.77	2,261.66	291.11	8.769		
11,500.00	7,251.63	7,261.63	7,261.63	130.05	251.78	-89.47	158.74	-5,576.92	2,454.49	2,162.54	291.95	8.407		
11,600.00	7,251.81	7,261.81	7,261.81	132.80	251.79	-89.49	158.74	-5,576.92	2,356.36	2,063.47	292.89	8.045		
11,700.00	7,251.99	7,261.99	7,261.99	135.55	251.79	-89.52	158.74	-5,576.92	2,258.40	1,964.44	293.96	7.683		
11,800.00	7,252.17	7,262.17	7,262.17	138.31	251.80	-89.54	158.74	-5,576.92	2,160.62	1,865.46	295.16	7.320		
11,900.00	7,252.34	7,262.34	7,262.34	141.07	251.80	-89.56	158.74	-5,576.92	2,063.05	1,766.53	296.52	6.958		
12,000.00	7,252.52	7,262.52	7,262.52	143.84	251.81	-89.58	158.74	-5,576.92	1,965.73	1,667.67	298.06	6.595		
12,100.00	7,252.70	7,262.70	7,262.70	146.61	251.82	-89.60	158.74	-5,576.92	1,868.69	1,568.87	299.82	6.233		
12,200.00	7,252.87	7,262.87	7,262.87	149.38	251.82	-89.62	158.74	-5,576.92	1,771.98	1,470.16	301.82	5.871		
12,300.00	7,253.05	7,263.05	7,263.05	152.16	251.83	-89.65	158.74	-5,576.92	1,675.66	1,371.54	304.12	5.510		
12,400.00	7,253.23	7,263.23	7,263.23	154.94	251.84	-89.67	158.74	-5,576.92	1,579.79	1,273.03	306.76	5.150		
12,500.00	7,253.41	7,263.41	7,263.41	157.72	251.84	-89.69	158.74	-5,576.92	1,484.47	1,174.66	309.81	4.792		
12,600.00	7,253.58	7,263.58	7,263.58	160.51	251.85	-89.71	158.74	-5,576.92	1,389.81	1,076.46	313.35	4.435		
12,700.00	7,253.76	7,263.76	7,263.76	163.29	251.85	-89.73	158.74	-5,576.92	1,295.95	978.48	317.47	4.082		
12,800.00	7,253.94	7,263.94	7,263.94	166.08	251.86	-89.76	158.74	-5,576.92	1,203.08	880.78	322.30	3.733		
12,900.00	7,254.11	7,264.11	7,264.11	168.88	251.87	-89.78	158.74	-5,576.92	1,111.45	783.47	327.98	3.389		
13,000.00	7,254.29	7,264.29	7,264.29	171.67	251.87	-89.80	158.74	-5,576.92	1,021.38	686.69	334.69	3.052		
13,100.00	7,254.47	7,264.47	7,264.47	174.47	251.88	-89.82	158.74	-5,576.92	933.35	590.68	342.66	2.724		
13,200.00	7,254.65	7,264.65	7,264.65	177.27	251.89	-89.84	158.74	-5,576.92	847.97	495.81	352.16	2.408		
13,300.00	7,254.82	7,264.82	7,264.82	180.07	251.89	-89.87	158.74	-5,576.92	766.13	402.68	363.45	2.108		
13,400.00	7,255.00	7,265.00	7,265.00	182.87	251.90	-89.89	158.74	-5,576.92	689.11	312.32	376.79	1.829		
13,500.00	7,255.18	7,265.18	7,265.18	185.67	251.90	-89.91	158.74	-5,576.92	618.70	226.50	392.20	1.578		
13,600.00	7,255.35	7,265.35	7,265.35	188.48	251.91	-89.93	158.74	-5,576.92	557.40	148.19	409.21	1.362 Level 3		
13,700.00	7,255.53	7,265.53	7,265.53	191.29	251.92	-89.95	158.74	-5,576.92	508.54	82.19	426.34	1.193 Level 2		
13,800.00	7,255.71	7,265.71	7,265.71	194.10	251.92	-89.98	158.74	-5,576.92	475.94	35.21	440.73	1.080 Level 2		
13,900.00	7,255.89	7,265.89	7,265.89	196.91	251.93	-90.00	158.74	-5,576.92	463.07	14.30	448.77	1.032 Level 2		
13,910.44	7,255.90	7,265.90	7,265.90	197.20	251.93	-90.00	158.74	-5,576.92	462.95	13.82	449.13	1.031 Level 2, CC, ES, SF		
14,000.00	7,256.06	7,266.06	7,266.06	199.72	251.93	-90.02	158.74	-5,576.92	471.53	23.28	448.26	1.052 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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,266.24	7,266.24	202.53	251.94	-90.04	158.74	-5,576.92	500.25	60.17	440.08	1.137	Level 2	
14,200.00	7,256.42	7,266.42	7,266.42	205.35	251.95	-90.06	158.74	-5,576.92	546.05	118.69	427.36	1.278	Level 3	
14,300.00	7,256.59	7,266.59	7,266.59	208.16	251.95	-90.09	158.74	-5,576.92	605.04	191.84	413.20	1.464	Level 3	
14,400.00	7,256.77	7,266.77	7,266.77	210.98	251.96	-90.11	158.74	-5,576.92	673.79	274.22	399.56	1.686		
14,500.00	7,256.95	7,266.95	7,266.95	213.80	251.97	-90.13	158.74	-5,576.92	749.60	362.29	387.31	1.935		
14,600.00	7,257.13	7,267.13	7,267.13	216.62	251.97	-90.15	158.74	-5,576.92	830.55	453.90	376.65	2.205		
14,700.00	7,257.30	7,267.30	7,267.30	219.44	251.98	-90.17	158.74	-5,576.92	915.27	547.76	367.51	2.490		
14,800.00	7,257.48	7,267.48	7,267.48	222.26	251.98	-90.20	158.74	-5,576.92	1,002.81	643.10	359.71	2.788		
14,900.00	7,257.66	7,267.66	7,267.66	225.08	251.99	-90.22	158.74	-5,576.92	1,092.49	739.44	353.05	3.094		
15,000.00	7,257.83	7,267.83	7,267.83	227.91	252.00	-90.24	158.74	-5,576.92	1,183.83	836.49	347.34	3.408		
15,100.00	7,258.01	7,268.01	7,268.01	230.73	252.00	-90.26	158.74	-5,576.92	1,276.47	934.05	342.42	3.728		
15,200.00	7,258.19	7,268.19	7,268.19	233.56	252.01	-90.28	158.74	-5,576.92	1,370.14	1,031.99	338.15	4.052		
15,300.00	7,258.37	7,268.37	7,268.37	236.38	252.02	-90.30	158.74	-5,576.92	1,464.65	1,130.21	334.44	4.379		
15,400.00	7,258.54	7,268.54	7,268.54	239.21	252.02	-90.33	158.74	-5,576.92	1,559.84	1,228.66	331.18	4.710		
15,500.00	7,258.72	7,268.72	7,268.72	242.04	252.03	-90.35	158.74	-5,576.92	1,655.60	1,327.28	328.32	5.043		
15,600.00	7,258.90	7,268.90	7,268.90	244.87	252.03	-90.37	158.74	-5,576.92	1,751.83	1,426.05	325.79	5.377		
15,700.00	7,259.08	7,269.08	7,269.08	247.70	252.04	-90.39	158.74	-5,576.92	1,848.47	1,524.93	323.53	5.713		
15,800.00	7,259.25	7,269.25	7,269.25	250.53	252.05	-90.41	158.74	-5,576.92	1,945.44	1,623.91	321.53	6.051		
15,900.00	7,259.43	7,269.43	7,269.43	253.36	252.05	-90.44	158.74	-5,576.92	2,042.71	1,722.98	319.73	6.389		
16,000.00	7,259.61	7,269.61	7,269.61	256.19	252.06	-90.46	158.74	-5,576.92	2,140.22	1,822.11	318.11	6.728		
16,100.00	7,259.78	7,269.78	7,269.78	259.02	252.06	-90.48	158.74	-5,576.92	2,237.96	1,921.31	316.65	7.068		
16,200.00	7,259.96	7,269.96	7,269.96	261.85	252.07	-90.50	158.74	-5,576.92	2,335.89	2,020.56	315.33	7.408		
16,300.00	7,260.14	7,270.14	7,270.14	264.68	252.08	-90.52	158.74	-5,576.92	2,433.99	2,119.85	314.13	7.748		
16,400.00	7,260.32	7,270.32	7,270.32	267.52	252.08	-90.55	158.74	-5,576.92	2,532.23	2,219.19	313.05	8.089		
16,500.00	7,260.49	7,270.49	7,270.49	270.35	252.09	-90.57	158.74	-5,576.92	2,630.61	2,318.56	312.05	8.430		
16,600.00	7,260.67	7,270.67	7,270.67	273.19	252.10	-90.59	158.74	-5,576.92	2,729.11	2,417.96	311.15	8.771		
16,700.00	7,260.85	7,270.85	7,270.85	276.02	252.10	-90.61	158.74	-5,576.92	2,827.71	2,517.39	310.32	9.112		
16,800.00	7,261.02	7,271.02	7,271.02	278.86	252.11	-90.63	158.74	-5,576.92	2,926.40	2,616.85	309.56	9.454		
16,900.00	7,261.20	7,271.20	7,271.20	281.69	252.11	-90.66	158.74	-5,576.92	3,025.19	2,716.33	308.86	9.795		
17,000.00	7,261.38	7,271.38	7,271.38	284.53	252.12	-90.68	158.74	-5,576.92	3,124.04	2,815.83	308.22	10.136		
17,100.00	7,261.56	7,271.56	7,271.56	287.37	252.13	-90.70	158.74	-5,576.92	3,222.97	2,915.35	307.62	10.477		
17,200.00	7,261.73	7,271.73	7,271.73	290.21	252.13	-90.72	158.74	-5,576.92	3,321.97	3,014.89	307.08	10.818		
17,300.00	7,261.91	7,271.91	7,271.91	293.04	252.14	-90.74	158.74	-5,576.92	3,421.02	3,114.45	306.58	11.159		
17,400.00	7,262.09	7,272.09	7,272.09	295.88	252.14	-90.77	158.74	-5,576.92	3,520.13	3,214.02	306.11	11.500		
17,500.00	7,262.26	7,272.26	7,272.26	298.72	252.15	-90.79	158.74	-5,576.92	3,619.28	3,313.60	305.68	11.840		
17,600.00	7,262.44	7,272.44	7,272.44	301.56	252.16	-90.81	158.74	-5,576.92	3,718.48	3,413.20	305.28	12.180		
17,700.00	7,262.62	7,272.62	7,272.62	304.40	252.16	-90.83	158.74	-5,576.92	3,817.72	3,512.81	304.91	12.521		
17,800.00	7,262.80	7,272.80	7,272.80	307.24	252.17	-90.85	158.74	-5,576.92	3,917.01	3,612.43	304.57	12.861		
17,900.00	7,262.97	7,272.97	7,272.97	310.08	252.18	-90.87	158.74	-5,576.92	4,016.32	3,712.06	304.26	13.200		
18,000.00	7,263.15	7,273.15	7,273.15	312.92	252.18	-90.90	158.74	-5,576.92	4,115.67	3,811.71	303.96	13.540		
18,100.00	7,263.33	7,273.33	7,273.33	315.76	252.19	-90.92	158.74	-5,576.92	4,215.05	3,911.36	303.69	13.879		
18,200.00	7,263.50	7,273.50	7,273.50	318.61	252.19	-90.94	158.74	-5,576.92	4,314.46	4,011.02	303.44	14.218		
18,300.00	7,263.68	7,273.68	7,273.68	321.45	252.20	-90.96	158.74	-5,576.92	4,413.90	4,110.68	303.21	14.557		
18,400.00	7,263.86	7,273.86	7,273.86	324.29	252.21	-90.98	158.74	-5,576.92	4,513.36	4,210.36	303.00	14.896		
18,500.00	7,264.04	7,274.04	7,274.04	327.13	252.21	-91.01	158.74	-5,576.92	4,612.84	4,310.04	302.80	15.234		
18,600.00	7,264.21	7,274.21	7,274.21	329.97	252.22	-91.03	158.74	-5,576.92	4,712.35	4,409.73	302.61	15.572		
18,700.00	7,264.39	7,274.39	7,274.39	332.82	252.23	-91.05	158.74	-5,576.92	4,811.87	4,509.43	302.45	15.910		
18,800.00	7,264.57	7,274.57	7,274.57	335.66	252.23	-91.07	158.74	-5,576.92	4,911.42	4,609.13	302.29	16.247		
18,900.00	7,264.74	7,274.74	7,274.74	338.51	252.24	-91.09	158.74	-5,576.92	5,010.98	4,708.83	302.15	16.585		
19,000.00	7,264.92	7,274.92	7,274.92	341.35	252.24	-91.12	158.74	-5,576.92	5,110.56	4,808.55	302.01	16.922		
19,044.52	7,265.00	7,275.00	7,275.00	342.62	252.25	-91.13	158.74	-5,576.92	5,154.90	4,852.94	301.96	17.071		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	16.00	16.00	3.28	3.29	-90.29	-16.18	-3,232.32	3,232.36					
100.00	100.00	116.00	116.00	3.28	4.01	-90.29	-16.18	-3,232.32	3,232.36	3,225.07	7.29	443.210		
200.00	200.00	216.00	216.00	3.34	6.66	-90.29	-16.18	-3,232.32	3,232.36	3,222.37	10.00	323.367		
300.00	299.98	315.98	315.98	3.44	9.85	-155.85	-16.18	-3,232.32	3,233.95	3,220.66	13.29	243.311		
400.00	399.84	415.84	415.84	3.60	13.19	-155.85	-16.18	-3,232.32	3,238.73	3,221.94	16.79	192.918		
500.00	499.45	515.45	515.45	3.81	16.58	-155.84	-16.18	-3,232.32	3,246.69	3,226.30	20.38	159.275		
600.00	598.70	614.70	614.70	4.06	19.98	-155.84	-16.18	-3,232.32	3,257.82	3,233.78	24.04	135.528		
700.00	697.47	713.47	713.47	4.34	23.39	-155.83	-16.18	-3,232.32	3,272.12	3,244.40	27.73	118.013		
800.00	795.62	811.62	811.62	4.66	26.79	-155.82	-16.18	-3,232.32	3,289.58	3,258.15	31.43	104.647		
824.00	819.08	835.08	835.08	4.75	27.60	-155.82	-16.18	-3,232.32	3,294.24	3,261.91	32.33	101.893		
900.00	893.28	909.28	909.28	5.02	30.18	-155.94	-16.18	-3,232.32	3,309.29	3,274.14	35.16	94.132		
1,000.00	990.92	1,006.92	1,006.92	5.40	33.57	-156.09	-16.18	-3,232.32	3,329.11	3,290.22	38.89	85.594		
1,100.00	1,088.56	1,104.56	1,104.56	5.80	36.96	-156.24	-16.18	-3,232.32	3,348.95	3,306.30	42.65	78.515		
1,200.00	1,186.19	1,202.19	1,202.19	6.21	40.36	-156.38	-16.18	-3,232.32	3,368.82	3,322.39	46.43	72.557		
1,300.00	1,283.83	1,300.17	1,299.83	6.64	43.77	-156.53	-16.18	-3,232.32	3,388.70	3,338.47	50.23	67.462		
1,400.00	1,381.47	1,402.53	1,397.47	7.08	47.33	-156.67	-16.18	-3,232.32	3,408.61	3,354.41	54.20	62.893		
1,500.00	1,479.10	1,504.90	1,495.10	7.53	50.90	-156.82	-16.18	-3,232.32	3,428.54	3,370.36	58.17	58.937		
1,600.00	1,576.74	1,607.26	1,592.74	7.99	54.46	-156.96	-16.18	-3,232.32	3,448.48	3,386.33	62.16	55.482		
1,700.00	1,674.38	1,709.62	1,690.38	8.45	58.03	-157.10	-16.18	-3,232.32	3,468.45	3,402.31	66.14	52.437		
1,800.00	1,772.02	1,788.02	1,788.02	8.92	60.76	-157.23	-16.18	-3,232.32	3,488.44	3,419.13	69.30	50.335		
1,900.00	1,869.65	1,885.65	1,885.65	9.39	64.17	-157.37	-16.18	-3,232.32	3,508.44	3,435.30	73.14	47.969		
2,000.00	1,967.29	1,983.29	1,983.29	9.87	67.57	-157.51	-16.18	-3,232.32	3,528.47	3,451.49	76.98	45.837		
2,100.00	2,064.93	2,080.93	2,080.93	10.35	70.98	-157.64	-16.18	-3,232.32	3,548.51	3,467.69	80.82	43.906		
2,200.00	2,162.56	2,178.56	2,178.56	10.83	74.38	-157.77	-16.18	-3,232.32	3,568.57	3,483.91	84.67	42.149		
2,300.00	2,260.20	2,276.20	2,276.20	11.32	77.79	-157.90	-16.18	-3,232.32	3,588.65	3,500.14	88.51	40.543		
2,400.00	2,357.84	2,373.84	2,373.84	11.80	81.19	-158.03	-16.18	-3,232.32	3,608.75	3,516.39	92.36	39.071		
2,500.00	2,455.48	2,471.48	2,471.48	12.29	84.60	-158.16	-16.18	-3,232.32	3,628.87	3,532.65	96.22	37.716		
2,600.00	2,553.11	2,569.11	2,569.11	12.78	88.00	-158.28	-16.18	-3,232.32	3,649.00	3,548.93	100.07	36.464		
2,700.00	2,650.75	2,666.75	2,666.75	13.27	91.41	-158.41	-16.18	-3,232.32	3,669.15	3,565.22	103.93	35.305		
2,800.00	2,748.39	2,764.39	2,764.39	13.77	94.82	-158.53	-16.18	-3,232.32	3,689.31	3,581.53	107.78	34.229		
2,900.00	2,846.02	2,862.02	2,862.02	14.26	98.22	-158.65	-16.18	-3,232.32	3,709.49	3,597.85	111.64	33.227		
3,000.00	2,943.66	2,959.66	2,959.66	14.76	101.63	-158.77	-16.18	-3,232.32	3,729.69	3,614.19	115.50	32.291		
3,100.00	3,041.30	3,057.30	3,057.30	15.25	105.04	-158.89	-16.18	-3,232.32	3,749.90	3,630.54	119.36	31.416		
3,200.00	3,138.94	3,154.94	3,154.94	15.75	108.44	-159.01	-16.18	-3,232.32	3,770.13	3,646.91	123.22	30.596		
3,300.00	3,236.57	3,252.57	3,252.57	16.25	111.85	-159.13	-16.18	-3,232.32	3,790.38	3,663.29	127.09	29.825		
3,400.00	3,334.21	3,350.21	3,350.21	16.75	115.26	-159.24	-16.18	-3,232.32	3,810.64	3,679.69	130.95	29.100		
3,500.00	3,431.85	3,447.85	3,447.85	17.25	118.66	-159.36	-16.18	-3,232.32	3,830.91	3,696.10	134.81	28.416		
3,600.00	3,529.48	3,545.48	3,545.48	17.75	122.07	-159.47	-16.18	-3,232.32	3,851.20	3,712.52	138.68	27.771		
3,700.00	3,627.12	3,643.12	3,643.12	18.25	125.48	-159.58	-16.18	-3,232.32	3,871.50	3,728.96	142.54	27.160		
3,800.00	3,724.76	3,740.76	3,740.76	18.75	128.89	-159.69	-16.18	-3,232.32	3,891.82	3,745.41	146.41	26.582		
3,900.00	3,822.40	3,838.40	3,838.40	19.25	132.29	-159.80	-16.18	-3,232.32	3,912.15	3,761.87	150.28	26.033		
4,000.00	3,920.03	3,936.03	3,936.03	19.75	135.70	-159.91	-16.18	-3,232.32	3,932.49	3,778.35	154.14	25.512		
4,100.00	4,017.67	4,033.67	4,033.67	20.25	139.11	-160.02	-16.18	-3,232.32	3,952.85	3,794.84	158.01	25.017		
4,200.00	4,115.31	4,131.31	4,131.31	20.76	142.52	-160.12	-16.18	-3,232.32	3,973.22	3,811.35	161.88	24.545		
4,300.00	4,212.94	4,228.94	4,228.94	21.26	145.92	-160.23	-16.18	-3,232.32	3,993.61	3,827.86	165.74	24.095		
4,400.00	4,310.58	4,326.58	4,326.58	21.76	149.33	-160.33	-16.18	-3,232.32	4,014.00	3,844.39	169.61	23.666		
4,500.00	4,408.22	4,424.22	4,424.22	22.27	152.74	-160.43	-16.18	-3,232.32	4,034.41	3,860.93	173.48	23.256		
4,600.00	4,505.86	4,521.86	4,521.86	22.77	156.15	-160.54	-16.18	-3,232.32	4,054.83	3,877.48	177.35	22.863		
4,700.00	4,603.49	4,619.49	4,619.49	23.28	159.56	-160.64	-16.18	-3,232.32	4,075.27	3,894.05	181.22	22.488		
4,800.00	4,701.13	4,717.13	4,717.13	23.78	162.96	-160.74	-16.18	-3,232.32	4,095.71	3,910.63	185.09	22.128		
4,900.00	4,798.77	4,814.77	4,814.77	24.28	166.37	-160.84	-16.18	-3,232.32	4,116.17	3,927.21	188.96	21.784		
5,000.00	4,896.40	4,912.40	4,912.40	24.79	169.78	-160.93	-16.18	-3,232.32	4,136.64	3,943.81	192.83	21.453		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,010.04	5,010.04	25.30	173.19	-161.03	-16.18	-3,232.32	4,157.12	3,960.43	196.70	21.135		
5,200.00	5,091.68	5,107.68	5,107.68	25.80	176.59	-161.13	-16.18	-3,232.32	4,177.62	3,977.05	200.57	20.829		
5,300.00	5,189.32	5,205.32	5,205.32	26.31	180.00	-161.22	-16.18	-3,232.32	4,198.12	3,993.68	204.44	20.535		
5,400.00	5,286.95	5,302.95	5,302.95	26.81	183.41	-161.32	-16.18	-3,232.32	4,218.63	4,010.33	208.31	20.252		
5,500.00	5,384.59	5,400.59	5,400.59	27.32	186.82	-161.41	-16.18	-3,232.32	4,239.16	4,026.98	212.18	19.979		
5,600.00	5,482.23	5,501.77	5,498.23	27.82	190.35	-161.50	-16.18	-3,232.32	4,259.70	4,043.52	216.17	19.705		
5,700.00	5,579.87	5,604.14	5,595.87	28.33	193.92	-161.59	-16.18	-3,232.32	4,280.24	4,060.03	220.21	19.437		
5,800.00	5,677.50	5,706.50	5,693.50	28.84	197.50	-161.68	-16.18	-3,232.32	4,300.80	4,076.56	224.25	19.179		
5,900.00	5,775.14	5,808.86	5,791.14	29.34	201.07	-161.77	-16.18	-3,232.32	4,321.37	4,093.09	228.28	18.930		
6,000.00	5,872.78	5,888.78	5,888.78	29.85	203.86	-161.86	-16.18	-3,232.32	4,341.95	4,110.41	231.54	18.753		
6,100.00	5,970.41	5,986.41	5,986.41	30.36	207.27	-161.95	-16.18	-3,232.32	4,362.53	4,127.13	235.41	18.532		
6,200.00	6,068.05	6,084.05	6,084.05	30.86	210.67	-162.04	-16.18	-3,232.32	4,383.13	4,143.85	239.28	18.318		
6,300.00	6,165.69	6,181.69	6,181.69	31.37	214.08	-162.13	-16.18	-3,232.32	4,403.74	4,160.59	243.15	18.111		
6,400.00	6,263.33	6,279.33	6,279.33	31.88	217.49	-162.21	-16.18	-3,232.32	4,424.36	4,177.33	247.02	17.911		
6,500.00	6,360.96	6,376.96	6,376.96	32.38	220.90	-162.30	-16.18	-3,232.32	4,444.98	4,194.09	250.89	17.717		
6,600.00	6,458.60	6,474.60	6,474.60	32.89	224.31	-162.38	-16.18	-3,232.32	4,465.62	4,210.85	254.77	17.528		
6,628.42	6,486.35	6,502.35	6,502.35	33.04	225.28	-162.40	-16.18	-3,232.32	4,471.49	4,215.62	255.87	17.476		
6,650.00	6,507.49	6,523.49	6,523.49	33.14	226.01	-158.06	-16.18	-3,232.32	4,475.58	4,218.88	256.70	17.435		
6,700.00	6,556.88	6,572.88	6,572.88	33.37	227.74	-140.31	-16.18	-3,232.32	4,482.33	4,223.68	258.65	17.330		
6,750.00	6,606.60	6,622.60	6,622.60	33.58	229.47	-101.72	-16.18	-3,232.32	4,485.21	4,224.62	260.59	17.212		
6,800.00	6,656.35	6,672.35	6,672.35	33.76	231.21	-59.49	-16.18	-3,232.32	4,484.20	4,221.68	262.52	17.082		
6,850.00	6,705.83	6,721.83	6,721.83	33.94	232.94	-39.08	-16.18	-3,232.32	4,479.31	4,214.90	264.41	16.941		
6,900.00	6,754.72	6,770.72	6,770.72	34.12	234.64	-29.76	-16.18	-3,232.32	4,470.57	4,204.31	266.27	16.790		
6,950.00	6,802.72	6,818.72	6,818.72	34.31	236.32	-24.85	-16.18	-3,232.32	4,458.04	4,189.97	268.07	16.630		
7,000.00	6,849.54	6,865.54	6,865.54	34.50	237.95	-21.98	-16.18	-3,232.32	4,441.80	4,171.98	269.82	16.462		
7,050.00	6,894.89	6,910.89	6,910.89	34.71	239.54	-20.24	-16.18	-3,232.32	4,421.94	4,150.45	271.50	16.287		
7,100.00	6,938.49	6,954.49	6,954.49	34.93	241.06	-19.21	-16.18	-3,232.32	4,398.60	4,125.50	273.10	16.106		
7,150.00	6,980.07	7,003.93	6,996.07	35.17	242.78	-18.67	-16.18	-3,232.32	4,371.92	4,097.03	274.88	15.905		
7,200.00	7,019.38	7,035.38	7,035.38	35.43	243.88	-18.54	-16.18	-3,232.32	4,342.06	4,066.03	276.03	15.730		
7,250.00	7,056.17	7,072.17	7,072.17	35.71	245.17	-18.76	-16.18	-3,232.32	4,309.21	4,031.87	277.34	15.537		
7,300.00	7,090.21	7,106.21	7,106.21	36.03	246.35	-19.33	-16.18	-3,232.32	4,273.57	3,995.02	278.55	15.342		
7,350.00	7,121.30	7,137.30	7,137.30	36.37	247.44	-20.29	-16.18	-3,232.32	4,235.37	3,955.72	279.65	15.145		
7,400.00	7,149.25	7,165.25	7,165.25	36.75	248.42	-21.73	-16.18	-3,232.32	4,194.84	3,914.22	280.63	14.948		
7,450.00	7,173.87	7,189.87	7,189.87	37.17	249.28	-23.79	-16.18	-3,232.32	4,152.24	3,870.75	281.49	14.751		
7,500.00	7,195.03	7,211.03	7,211.03	37.62	250.01	-26.73	-16.18	-3,232.32	4,107.81	3,825.59	282.22	14.555		
7,550.00	7,212.58	7,228.58	7,228.58	38.11	250.63	-31.00	-16.18	-3,232.32	4,061.85	3,779.02	282.83	14.362		
7,600.00	7,226.43	7,242.43	7,242.43	38.64	251.11	-37.43	-16.18	-3,232.32	4,014.63	3,731.32	283.31	14.171		
7,650.00	7,236.48	7,252.48	7,252.48	39.20	251.46	-47.52	-16.18	-3,232.32	3,966.44	3,682.78	283.66	13.983		
7,700.00	7,242.68	7,258.68	7,258.68	39.79	251.68	-63.73	-16.18	-3,232.32	3,917.58	3,633.70	283.88	13.800		
7,753.32	7,245.00	7,261.00	7,261.00	40.44	251.76	-89.39	-16.18	-3,232.32	3,865.08	3,581.09	283.98	13.610		
7,800.00	7,245.08	7,261.08	7,261.08	41.04	251.76	-89.40	-16.18	-3,232.32	3,819.04	3,535.04	284.00	13.447		
7,900.00	7,245.26	7,261.26	7,261.26	42.43	251.77	-89.42	-16.18	-3,232.32	3,720.48	3,436.41	284.06	13.097		
8,000.00	7,245.43	7,261.43	7,261.43	43.97	251.77	-89.43	-16.18	-3,232.32	3,621.99	3,337.85	284.14	12.747		
8,100.00	7,245.61	7,261.61	7,261.61	45.64	251.78	-89.45	-16.18	-3,232.32	3,523.59	3,239.36	284.23	12.397		
8,200.00	7,245.79	7,261.79	7,261.79	47.42	251.79	-89.46	-16.18	-3,232.32	3,425.28	3,140.94	284.34	12.046		
8,300.00	7,245.97	7,261.97	7,261.97	49.30	251.79	-89.48	-16.18	-3,232.32	3,327.07	3,042.60	284.47	11.696		
8,400.00	7,246.14	7,262.14	7,262.14	51.28	251.80	-89.49	-16.18	-3,232.32	3,228.97	2,944.34	284.63	11.344		
8,500.00	7,246.32	7,262.32	7,262.32	53.34	251.80	-89.51	-16.18	-3,232.32	3,130.99	2,846.17	284.82	10.993		
8,600.00	7,246.50	7,262.50	7,262.50	55.46	251.81	-89.53	-16.18	-3,232.32	3,033.14	2,748.11	285.04	10.641		
8,700.00	7,246.67	7,262.67	7,262.67	57.66	251.82	-89.54	-16.18	-3,232.32	2,935.44	2,650.15	285.29	10.289		
8,800.00	7,246.85	7,262.85	7,262.85	59.90	251.82	-89.56	-16.18	-3,232.32	2,837.90	2,552.31	285.59	9.937		
8,900.00	7,247.03	7,263.03	7,263.03	62.20	251.83	-89.57	-16.18	-3,232.32	2,740.54	2,454.59	285.94	9.584		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,263.21	7,263.21	64.55	251.83	-89.59	-16.18	-3,232.32	2,643.37	2,357.02	286.35	9.231		
9,100.00	7,247.38	7,263.38	7,263.38	66.93	251.84	-89.61	-16.18	-3,232.32	2,546.42	2,259.59	286.83	8.878		
9,200.00	7,247.56	7,263.56	7,263.56	69.35	251.85	-89.62	-16.18	-3,232.32	2,449.72	2,162.34	287.38	8.524		
9,300.00	7,247.74	7,263.74	7,263.74	71.80	251.85	-89.64	-16.18	-3,232.32	2,353.29	2,065.28	288.01	8.171		
9,400.00	7,247.91	7,263.91	7,263.91	74.29	251.86	-89.65	-16.18	-3,232.32	2,257.18	1,968.42	288.75	7.817		
9,500.00	7,248.09	7,264.09	7,264.09	76.79	251.87	-89.67	-16.18	-3,232.32	2,161.41	1,871.80	289.61	7.463		
9,600.00	7,248.27	7,264.27	7,264.27	79.33	251.87	-89.69	-16.18	-3,232.32	2,066.05	1,775.44	290.61	7.109		
9,700.00	7,248.45	7,264.45	7,264.45	81.88	251.88	-89.70	-16.18	-3,232.32	1,971.15	1,679.39	291.76	6.756		
9,800.00	7,248.62	7,264.62	7,264.62	84.45	251.88	-89.72	-16.18	-3,232.32	1,876.77	1,583.68	293.10	6.403		
9,900.00	7,248.80	7,264.80	7,264.80	87.04	251.89	-89.73	-16.18	-3,232.32	1,783.01	1,488.37	294.65	6.051		
10,000.00	7,248.98	7,264.98	7,264.98	89.65	251.90	-89.75	-16.18	-3,232.32	1,689.97	1,393.52	296.45	5.701		
10,100.00	7,249.15	7,265.15	7,265.15	92.28	251.90	-89.77	-16.18	-3,232.32	1,597.77	1,299.22	298.55	5.352		
10,200.00	7,249.33	7,265.33	7,265.33	94.91	251.91	-89.78	-16.18	-3,232.32	1,506.56	1,205.57	300.98	5.005		
10,300.00	7,249.51	7,265.51	7,265.51	97.56	251.92	-89.80	-16.18	-3,232.32	1,416.54	1,112.72	303.82	4.662		
10,400.00	7,249.69	7,265.69	7,265.69	100.22	251.92	-89.81	-16.18	-3,232.32	1,327.94	1,020.83	307.12	4.324		
10,500.00	7,249.86	7,265.86	7,265.86	102.89	251.93	-89.83	-16.18	-3,232.32	1,241.09	930.13	310.95	3.991		
10,600.00	7,250.04	7,266.04	7,266.04	105.57	251.93	-89.85	-16.18	-3,232.32	1,156.35	840.94	315.41	3.666		
10,700.00	7,250.22	7,266.22	7,266.22	108.27	251.94	-89.86	-16.18	-3,232.32	1,074.25	753.67	320.58	3.351		
10,800.00	7,250.39	7,266.39	7,266.39	110.96	251.95	-89.88	-16.18	-3,232.32	995.43	668.88	326.55	3.048		
10,900.00	7,250.57	7,266.57	7,266.57	113.67	251.95	-89.89	-16.18	-3,232.32	920.72	587.35	333.37	2.762		
11,000.00	7,250.75	7,266.75	7,266.75	116.39	251.96	-89.91	-16.18	-3,232.32	851.23	510.17	341.06	2.496		
11,100.00	7,250.93	7,266.93	7,266.93	119.11	251.96	-89.93	-16.18	-3,232.32	788.32	438.81	349.51	2.256		
11,200.00	7,251.10	7,267.10	7,267.10	121.83	251.97	-89.94	-16.18	-3,232.32	733.69	375.26	358.44	2.047		
11,300.00	7,251.28	7,267.28	7,267.28	124.57	251.98	-89.96	-16.18	-3,232.32	689.32	322.03	367.29	1.877		
11,400.00	7,251.46	7,267.46	7,267.46	127.31	251.98	-89.97	-16.18	-3,232.32	657.29	282.04	375.25	1.752		
11,500.00	7,251.63	7,267.63	7,267.63	130.05	251.99	-89.99	-16.18	-3,232.32	639.44	258.13	381.31	1.677		
11,565.71	7,251.75	7,267.75	7,267.75	131.86	251.99	-90.00	-16.18	-3,232.32	636.05	252.21	383.85	1.657 CC, ES		
11,600.00	7,251.81	7,267.81	7,267.81	132.80	252.00	-90.01	-16.18	-3,232.32	636.98	252.32	384.66	1.656 SF		
11,700.00	7,251.99	7,267.99	7,267.99	135.55	252.00	-90.02	-16.18	-3,232.32	650.08	265.11	384.97	1.689		
11,800.00	7,252.17	7,268.17	7,268.17	138.31	252.01	-90.04	-16.18	-3,232.32	677.83	295.26	382.57	1.772		
11,900.00	7,252.34	7,268.34	7,268.34	141.07	252.01	-90.05	-16.18	-3,232.32	718.55	340.35	378.20	1.900		
12,000.00	7,252.52	7,268.52	7,268.52	143.84	252.02	-90.07	-16.18	-3,232.32	770.18	397.47	372.71	2.066		
12,100.00	7,252.70	7,268.70	7,268.70	146.61	252.03	-90.09	-16.18	-3,232.32	830.68	463.89	366.79	2.265		
12,200.00	7,252.87	7,268.87	7,268.87	149.38	252.03	-90.10	-16.18	-3,232.32	898.27	537.35	360.92	2.489		
12,300.00	7,253.05	7,269.05	7,269.05	152.16	252.04	-90.12	-16.18	-3,232.32	971.47	616.11	355.36	2.734		
12,400.00	7,253.23	7,269.23	7,269.23	154.94	252.05	-90.13	-16.18	-3,232.32	1,049.10	698.85	350.25	2.995		
12,500.00	7,253.41	7,269.41	7,269.41	157.72	252.05	-90.15	-16.18	-3,232.32	1,130.25	784.64	345.61	3.270		
12,600.00	7,253.58	7,269.58	7,269.58	160.51	252.06	-90.17	-16.18	-3,232.32	1,214.22	872.77	341.45	3.556		
12,700.00	7,253.76	7,269.76	7,269.76	163.29	252.06	-90.18	-16.18	-3,232.32	1,300.45	962.72	337.73	3.851		
12,800.00	7,253.94	7,269.94	7,269.94	166.08	252.07	-90.20	-16.18	-3,232.32	1,388.54	1,054.12	334.41	4.152		
12,900.00	7,254.11	7,270.11	7,270.11	168.88	252.08	-90.21	-16.18	-3,232.32	1,478.14	1,146.69	331.45	4.460		
13,000.00	7,254.29	7,270.29	7,270.29	171.67	252.08	-90.23	-16.18	-3,232.32	1,569.00	1,240.19	328.80	4.772		
13,100.00	7,254.47	7,270.47	7,270.47	174.47	252.09	-90.24	-16.18	-3,232.32	1,660.91	1,334.47	326.43	5.088		
13,200.00	7,254.65	7,270.65	7,270.65	177.27	252.09	-90.26	-16.18	-3,232.32	1,753.70	1,429.40	324.30	5.408		
13,300.00	7,254.82	7,270.82	7,270.82	180.07	252.10	-90.28	-16.18	-3,232.32	1,847.25	1,524.86	322.39	5.730		
13,400.00	7,255.00	7,271.00	7,271.00	182.87	252.11	-90.29	-16.18	-3,232.32	1,941.44	1,620.78	320.66	6.055		
13,500.00	7,255.18	7,271.18	7,271.18	185.67	252.11	-90.31	-16.18	-3,232.32	2,036.18	1,717.09	319.09	6.381		
13,600.00	7,255.35	7,271.35	7,271.35	188.48	252.12	-90.32	-16.18	-3,232.32	2,131.41	1,813.74	317.67	6.709		
13,700.00	7,255.53	7,271.53	7,271.53	191.29	252.13	-90.34	-16.18	-3,232.32	2,227.05	1,910.67	316.38	7.039		
13,800.00	7,255.71	7,271.71	7,271.71	194.10	252.13	-90.36	-16.18	-3,232.32	2,323.06	2,007.86	315.20	7.370		
13,900.00	7,255.89	7,271.89	7,271.89	196.91	252.14	-90.37	-16.18	-3,232.32	2,419.39	2,105.27	314.12	7.702		
14,000.00	7,256.06	7,272.06	7,272.06	199.72	252.14	-90.39	-16.18	-3,232.32	2,516.01	2,202.88	313.13	8.035		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,272.24	7,272.24	202.53	252.15	-90.40	-16.18	-3,232.32	2,612.89	2,300.66	312.23	8.369		
14,200.00	7,256.42	7,272.42	7,272.42	205.35	252.16	-90.42	-16.18	-3,232.32	2,709.99	2,398.59	311.40	8.703		
14,300.00	7,256.59	7,272.59	7,272.59	208.16	252.16	-90.44	-16.18	-3,232.32	2,807.29	2,496.67	310.63	9.037		
14,400.00	7,256.77	7,272.77	7,272.77	210.98	252.17	-90.45	-16.18	-3,232.32	2,904.78	2,594.86	309.92	9.373		
14,500.00	7,256.95	7,272.95	7,272.95	213.80	252.17	-90.47	-16.18	-3,232.32	3,002.43	2,693.17	309.26	9.708		
14,600.00	7,257.13	7,273.13	7,273.13	216.62	252.18	-90.48	-16.18	-3,232.32	3,100.24	2,791.58	308.66	10.044		
14,700.00	7,257.30	7,273.30	7,273.30	219.44	252.19	-90.50	-16.18	-3,232.32	3,198.17	2,890.08	308.10	10.380		
14,800.00	7,257.48	7,273.48	7,273.48	222.26	252.19	-90.52	-16.18	-3,232.32	3,296.24	2,988.66	307.58	10.717		
14,900.00	7,257.66	7,273.66	7,273.66	225.08	252.20	-90.53	-16.18	-3,232.32	3,394.41	3,087.32	307.09	11.053		
15,000.00	7,257.83	7,273.83	7,273.83	227.91	252.21	-90.55	-16.18	-3,232.32	3,492.69	3,186.05	306.64	11.390		
15,100.00	7,258.01	7,274.01	7,274.01	230.73	252.21	-90.56	-16.18	-3,232.32	3,591.06	3,284.84	306.22	11.727		
15,200.00	7,258.19	7,274.19	7,274.19	233.56	252.22	-90.58	-16.18	-3,232.32	3,689.53	3,383.69	305.83	12.064		
15,300.00	7,258.37	7,274.37	7,274.37	236.38	252.22	-90.60	-16.18	-3,232.32	3,788.07	3,482.60	305.47	12.401		
15,400.00	7,258.54	7,274.54	7,274.54	239.21	252.23	-90.61	-16.18	-3,232.32	3,886.68	3,581.56	305.13	12.738		
15,500.00	7,258.72	7,274.72	7,274.72	242.04	252.24	-90.63	-16.18	-3,232.32	3,985.37	3,680.56	304.81	13.075		
15,600.00	7,258.90	7,274.90	7,274.90	244.87	252.24	-90.64	-16.18	-3,232.32	4,084.12	3,779.60	304.52	13.412		
15,700.00	7,259.08	7,275.08	7,275.08	247.70	252.25	-90.66	-16.18	-3,232.32	4,182.93	3,878.69	304.24	13.749		
15,800.00	7,259.25	7,275.25	7,275.25	250.53	252.26	-90.68	-16.18	-3,232.32	4,281.79	3,977.81	303.98	14.086		
15,900.00	7,259.43	7,275.43	7,275.43	253.36	252.26	-90.69	-16.18	-3,232.32	4,380.71	4,076.96	303.74	14.422		
16,000.00	7,259.61	7,275.61	7,275.61	256.19	252.27	-90.71	-16.18	-3,232.32	4,479.67	4,176.15	303.52	14.759		
16,100.00	7,259.78	7,275.78	7,275.78	259.02	252.27	-90.72	-16.18	-3,232.32	4,578.68	4,275.37	303.31	15.096		
16,200.00	7,259.96	7,275.96	7,275.96	261.85	252.28	-90.74	-16.18	-3,232.32	4,677.73	4,374.62	303.11	15.432		
16,300.00	7,260.14	7,276.14	7,276.14	264.68	252.29	-90.76	-16.18	-3,232.32	4,776.82	4,473.89	302.93	15.769		
16,400.00	7,260.32	7,276.32	7,276.32	267.52	252.29	-90.77	-16.18	-3,232.32	4,875.95	4,573.19	302.76	16.105		
16,500.00	7,260.49	7,276.49	7,276.49	270.35	252.30	-90.79	-16.18	-3,232.32	4,975.11	4,672.51	302.60	16.441		
16,600.00	7,260.67	7,276.67	7,276.67	273.19	252.30	-90.80	-16.18	-3,232.32	5,074.31	4,771.85	302.46	16.777		
16,700.00	7,260.85	7,276.85	7,276.85	276.02	252.31	-90.82	-16.18	-3,232.32	5,173.53	4,871.21	302.32	17.113		
16,800.00	7,261.02	7,277.02	7,277.02	278.86	252.32	-90.84	-16.18	-3,232.32	5,272.79	4,970.59	302.19	17.448		
16,900.00	7,261.20	7,277.20	7,277.20	281.69	252.32	-90.85	-16.18	-3,232.32	5,372.07	5,070.00	302.08	17.784		
17,000.00	7,261.38	7,277.38	7,277.38	284.53	252.33	-90.87	-16.18	-3,232.32	5,471.38	5,169.41	301.97	18.119		
17,100.00	7,261.56	7,277.56	7,277.56	287.37	252.34	-90.88	-16.18	-3,232.32	5,570.71	5,268.85	301.87	18.454		
17,200.00	7,261.73	7,277.73	7,277.73	290.21	252.34	-90.90	-16.18	-3,232.32	5,670.07	5,368.30	301.77	18.789		
17,300.00	7,261.91	7,277.91	7,277.91	293.04	252.35	-90.92	-16.18	-3,232.32	5,769.45	5,467.76	301.69	19.124		
17,400.00	7,262.09	7,278.09	7,278.09	295.88	252.35	-90.93	-16.18	-3,232.32	5,868.85	5,567.24	301.61	19.458		
17,500.00	7,262.26	7,278.26	7,278.26	298.72	252.36	-90.95	-16.18	-3,232.32	5,968.27	5,666.74	301.54	19.793		
17,600.00	7,262.44	7,278.44	7,278.44	301.56	252.37	-90.96	-16.18	-3,232.32	6,067.71	5,766.24	301.47	20.127		
17,700.00	7,262.62	7,278.62	7,278.62	304.40	252.37	-90.98	-16.18	-3,232.32	6,167.17	5,865.76	301.41	20.461		
17,800.00	7,262.80	7,278.80	7,278.80	307.24	252.38	-90.99	-16.18	-3,232.32	6,266.65	5,965.28	301.36	20.795		
17,900.00	7,262.97	7,278.97	7,278.97	310.08	252.39	-91.01	-16.18	-3,232.32	6,366.14	6,064.82	301.31	21.128		
18,000.00	7,263.15	7,279.15	7,279.15	312.92	252.39	-91.03	-16.18	-3,232.32	6,465.64	6,164.37	301.27	21.461		
18,100.00	7,263.33	7,279.33	7,279.33	315.76	252.40	-91.04	-16.18	-3,232.32	6,565.17	6,263.93	301.23	21.794		
18,200.00	7,263.50	7,279.50	7,279.50	318.61	252.40	-91.06	-16.18	-3,232.32	6,664.70	6,363.50	301.20	22.127		
18,300.00	7,263.68	7,279.68	7,279.68	321.45	252.41	-91.07	-16.18	-3,232.32	6,764.25	6,463.08	301.18	22.459		
18,400.00	7,263.86	7,279.86	7,279.86	324.29	252.42	-91.09	-16.18	-3,232.32	6,863.82	6,562.66	301.15	22.792		
18,500.00	7,264.04	7,280.04	7,280.04	327.13	252.42	-91.11	-16.18	-3,232.32	6,963.39	6,662.26	301.14	23.124		
18,600.00	7,264.21	7,280.21	7,280.21	329.97	252.43	-91.12	-16.18	-3,232.32	7,062.98	6,761.86	301.12	23.456		
18,700.00	7,264.39	7,280.39	7,280.39	332.82	252.43	-91.14	-16.18	-3,232.32	7,162.58	6,861.47	301.11	23.787		
18,800.00	7,264.57	7,280.57	7,280.57	335.66	252.44	-91.15	-16.18	-3,232.32	7,262.19	6,961.08	301.11	24.118		
18,900.00	7,264.74	7,280.74	7,280.74	338.51	252.45	-91.17	-16.18	-3,232.32	7,361.81	7,060.71	301.10	24.449		
19,000.00	7,264.92	7,280.92	7,280.92	341.35	252.45	-91.19	-16.18	-3,232.32	7,461.44	7,160.33	301.11	24.780		
19,044.52	7,265.00	7,281.00	7,281.00	342.62	252.46	-91.19	-16.18	-3,232.32	7,505.80	7,204.69	301.11	24.927		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	2.00	-2.00	3.28	3.28	-112.20	-1,193.29	-2,924.61	3,158.68					
100.00	100.00	102.00	98.00	3.28	3.75	-112.20	-1,193.29	-2,924.61	3,158.68	3,151.65	7.03	449.089		
200.00	200.00	202.00	198.00	3.34	6.24	-112.20	-1,193.29	-2,924.61	3,158.68	3,149.11	9.58	329.880		
300.00	299.98	302.02	297.98	3.44	9.39	-177.76	-1,193.29	-2,924.61	3,160.43	3,147.59	12.83	246.264		
400.00	399.84	402.16	397.84	3.60	12.72	-177.76	-1,193.29	-2,924.61	3,165.65	3,149.33	16.33	193.887		
500.00	499.45	502.55	497.45	3.81	16.14	-177.76	-1,193.29	-2,924.61	3,174.36	3,154.42	19.95	159.154		
600.00	598.70	603.30	596.70	4.06	19.59	-177.75	-1,193.29	-2,924.61	3,186.54	3,162.89	23.65	134.741		
700.00	697.47	704.53	695.47	4.34	23.08	-177.75	-1,193.29	-2,924.61	3,202.17	3,174.75	27.42	116.768		
800.00	795.62	806.38	793.62	4.66	26.61	-177.75	-1,193.29	-2,924.61	3,221.24	3,189.98	31.26	103.049		
824.00	819.08	817.08	817.08	4.75	26.98	-177.75	-1,193.29	-2,924.61	3,226.32	3,194.61	31.71	101.733		
900.00	893.28	908.72	891.28	5.02	30.16	-177.76	-1,193.29	-2,924.61	3,242.73	3,207.59	35.14	92.276		
1,000.00	990.92	988.92	988.92	5.40	32.94	-177.78	-1,193.29	-2,924.61	3,264.33	3,226.06	38.27	85.292		
1,100.00	1,088.56	1,086.56	1,086.56	5.80	36.33	-177.79	-1,193.29	-2,924.61	3,285.92	3,243.89	42.03	78.183		
1,200.00	1,186.19	1,184.19	1,184.19	6.21	39.73	-177.81	-1,193.29	-2,924.61	3,307.52	3,261.71	45.80	72.214		
1,300.00	1,283.83	1,281.83	1,281.83	6.64	43.13	-177.82	-1,193.29	-2,924.61	3,329.11	3,279.52	49.59	67.135		
1,400.00	1,381.47	1,379.47	1,379.47	7.08	46.53	-177.83	-1,193.29	-2,924.61	3,350.71	3,297.32	53.39	62.764		
1,500.00	1,479.10	1,477.10	1,477.10	7.53	49.93	-177.85	-1,193.29	-2,924.61	3,372.30	3,315.11	57.19	58.963		
1,600.00	1,576.74	1,574.74	1,574.74	7.99	53.33	-177.86	-1,193.29	-2,924.61	3,393.90	3,332.89	61.01	55.630		
1,700.00	1,674.38	1,672.38	1,672.38	8.45	56.73	-177.87	-1,193.29	-2,924.61	3,415.49	3,350.66	64.83	52.683		
1,800.00	1,772.02	1,770.02	1,770.02	8.92	60.14	-177.89	-1,193.29	-2,924.61	3,437.09	3,368.43	68.66	50.061		
1,900.00	1,869.65	1,867.65	1,867.65	9.39	63.54	-177.90	-1,193.29	-2,924.61	3,458.68	3,386.19	72.49	47.713		
2,000.00	1,967.29	1,965.29	1,965.29	9.87	66.94	-177.91	-1,193.29	-2,924.61	3,480.28	3,403.95	76.33	45.597		
2,100.00	2,064.93	2,062.93	2,062.93	10.35	70.35	-177.93	-1,193.29	-2,924.61	3,501.88	3,421.71	80.17	43.683		
2,200.00	2,162.56	2,160.56	2,160.56	10.83	73.75	-177.94	-1,193.29	-2,924.61	3,523.47	3,439.46	84.01	41.942		
2,300.00	2,260.20	2,258.20	2,258.20	11.32	77.16	-177.95	-1,193.29	-2,924.61	3,545.07	3,457.22	87.85	40.351		
2,400.00	2,357.84	2,355.84	2,355.84	11.80	80.56	-177.97	-1,193.29	-2,924.61	3,566.67	3,474.96	91.70	38.894		
2,500.00	2,455.48	2,453.48	2,453.48	12.29	83.97	-177.98	-1,193.29	-2,924.61	3,588.26	3,492.71	95.55	37.553		
2,600.00	2,553.11	2,551.11	2,551.11	12.78	87.38	-177.99	-1,193.29	-2,924.61	3,609.86	3,510.46	99.41	36.315		
2,700.00	2,650.75	2,648.75	2,648.75	13.27	90.78	-178.00	-1,193.29	-2,924.61	3,631.46	3,528.20	103.26	35.168		
2,800.00	2,748.39	2,746.39	2,746.39	13.77	94.19	-178.01	-1,193.29	-2,924.61	3,653.06	3,545.94	107.11	34.104		
2,900.00	2,846.02	2,844.02	2,844.02	14.26	97.59	-178.02	-1,193.29	-2,924.61	3,674.65	3,563.68	110.97	33.114		
3,000.00	2,943.66	2,941.66	2,941.66	14.76	101.00	-178.04	-1,193.29	-2,924.61	3,696.25	3,581.42	114.83	32.189		
3,100.00	3,041.30	3,039.30	3,039.30	15.25	104.41	-178.05	-1,193.29	-2,924.61	3,717.85	3,599.16	118.69	31.325		
3,200.00	3,138.94	3,136.94	3,136.94	15.75	107.82	-178.06	-1,193.29	-2,924.61	3,739.45	3,616.90	122.55	30.514		
3,300.00	3,236.57	3,234.57	3,234.57	16.25	111.22	-178.07	-1,193.29	-2,924.61	3,761.04	3,634.64	126.41	29.753		
3,400.00	3,334.21	3,332.21	3,332.21	16.75	114.63	-178.08	-1,193.29	-2,924.61	3,782.64	3,652.37	130.27	29.037		
3,500.00	3,431.85	3,429.85	3,429.85	17.25	118.04	-178.09	-1,193.29	-2,924.61	3,804.24	3,670.11	134.13	28.362		
3,600.00	3,529.48	3,527.48	3,527.48	17.75	121.44	-178.10	-1,193.29	-2,924.61	3,825.84	3,687.84	138.00	27.724		
3,700.00	3,627.12	3,625.12	3,625.12	18.25	124.85	-178.11	-1,193.29	-2,924.61	3,847.44	3,705.58	141.86	27.121		
3,800.00	3,724.76	3,722.76	3,722.76	18.75	128.26	-178.12	-1,193.29	-2,924.61	3,869.04	3,723.31	145.73	26.550		
3,900.00	3,822.40	3,820.40	3,820.40	19.25	131.67	-178.13	-1,193.29	-2,924.61	3,890.64	3,741.05	149.59	26.009		
4,000.00	3,920.03	3,918.03	3,918.03	19.75	135.07	-178.14	-1,193.29	-2,924.61	3,912.24	3,758.78	153.46	25.494		
4,100.00	4,017.67	4,015.67	4,015.67	20.25	138.48	-178.16	-1,193.29	-2,924.61	3,933.83	3,776.51	157.32	25.005		
4,200.00	4,115.31	4,113.31	4,113.31	20.76	141.89	-178.17	-1,193.29	-2,924.61	3,955.43	3,794.25	161.19	24.539		
4,300.00	4,212.94	4,210.94	4,210.94	21.26	145.30	-178.18	-1,193.29	-2,924.61	3,977.03	3,811.98	165.06	24.095		
4,400.00	4,310.58	4,308.58	4,308.58	21.76	148.70	-178.18	-1,193.29	-2,924.61	3,998.63	3,829.71	168.92	23.671		
4,500.00	4,408.22	4,406.22	4,406.22	22.27	152.11	-178.19	-1,193.29	-2,924.61	4,020.23	3,847.44	172.79	23.267		
4,600.00	4,505.86	4,503.86	4,503.86	22.77	155.52	-178.20	-1,193.29	-2,924.61	4,041.83	3,865.17	176.66	22.879		
4,700.00	4,603.49	4,601.49	4,601.49	23.28	158.93	-178.21	-1,193.29	-2,924.61	4,063.43	3,882.90	180.53	22.509		
4,800.00	4,701.13	4,700.87	4,699.13	23.78	162.40	-178.22	-1,193.29	-2,924.61	4,085.03	3,900.58	184.46	22.146		
4,900.00	4,798.77	4,803.23	4,796.77	24.28	165.97	-178.23	-1,193.29	-2,924.61	4,106.63	3,918.14	188.49	21.787		
5,000.00	4,896.40	4,905.60	4,894.40	24.79	169.54	-178.24	-1,193.29	-2,924.61	4,128.23	3,935.71	192.52	21.443		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,007.96	4,992.04	25.30	173.11	-178.25	-1,193.29	-2,924.61	4,149.83	3,953.27	196.56	21.112		
5,200.00	5,091.68	5,089.68	5,089.68	25.80	175.97	-178.26	-1,193.29	-2,924.61	4,171.43	3,971.56	199.87	20.870		
5,300.00	5,189.32	5,187.32	5,187.32	26.31	179.37	-178.27	-1,193.29	-2,924.61	4,193.03	3,989.29	203.74	20.580		
5,400.00	5,286.95	5,284.95	5,284.95	26.81	182.78	-178.28	-1,193.29	-2,924.61	4,214.63	4,007.02	207.61	20.300		
5,500.00	5,384.59	5,382.59	5,382.59	27.32	186.19	-178.29	-1,193.29	-2,924.61	4,236.23	4,024.75	211.48	20.031		
5,600.00	5,482.23	5,480.23	5,480.23	27.82	189.60	-178.30	-1,193.29	-2,924.61	4,257.83	4,042.48	215.35	19.771		
5,700.00	5,579.87	5,577.87	5,577.87	28.33	193.01	-178.30	-1,193.29	-2,924.61	4,279.44	4,060.21	219.23	19.521		
5,800.00	5,677.50	5,675.50	5,675.50	28.84	196.41	-178.31	-1,193.29	-2,924.61	4,301.04	4,077.94	223.10	19.279		
5,900.00	5,775.14	5,773.14	5,773.14	29.34	199.82	-178.32	-1,193.29	-2,924.61	4,322.64	4,095.67	226.97	19.045		
6,000.00	5,872.78	5,870.78	5,870.78	29.85	203.23	-178.33	-1,193.29	-2,924.61	4,344.24	4,113.40	230.84	18.819		
6,100.00	5,970.41	5,968.41	5,968.41	30.36	206.64	-178.34	-1,193.29	-2,924.61	4,365.84	4,131.13	234.71	18.601		
6,200.00	6,068.05	6,066.05	6,066.05	30.86	210.05	-178.35	-1,193.29	-2,924.61	4,387.44	4,148.86	238.58	18.390		
6,300.00	6,165.69	6,163.69	6,163.69	31.37	213.45	-178.35	-1,193.29	-2,924.61	4,409.04	4,166.59	242.45	18.185		
6,400.00	6,263.33	6,261.33	6,261.33	31.88	216.86	-178.36	-1,193.29	-2,924.61	4,430.64	4,184.32	246.33	17.987		
6,500.00	6,360.96	6,358.96	6,358.96	32.38	220.27	-178.37	-1,193.29	-2,924.61	4,452.25	4,202.05	250.20	17.795		
6,600.00	6,458.60	6,456.60	6,456.60	32.89	223.68	-178.38	-1,193.29	-2,924.61	4,473.85	4,219.78	254.07	17.609		
6,628.42	6,486.35	6,484.35	6,484.35	33.04	224.65	-178.38	-1,193.29	-2,924.61	4,479.99	4,224.82	255.17	17.557		
6,650.00	6,507.49	6,505.49	6,505.49	33.14	225.39	-173.91	-1,193.29	-2,924.61	4,484.32	4,228.31	256.01	17.516		
6,700.00	6,556.88	6,554.88	6,554.88	33.37	227.11	-155.95	-1,193.29	-2,924.61	4,491.81	4,233.86	257.95	17.413		
6,750.00	6,606.60	6,604.60	6,604.60	33.58	228.85	-117.25	-1,193.29	-2,924.61	4,495.72	4,235.82	259.90	17.298		
6,800.00	6,656.35	6,654.35	6,654.35	33.76	230.58	-74.99	-1,193.29	-2,924.61	4,496.02	4,234.19	261.83	17.172		
6,850.00	6,705.83	6,703.83	6,703.83	33.94	232.31	-54.65	-1,193.29	-2,924.61	4,492.71	4,228.98	263.73	17.035		
6,900.00	6,754.72	6,752.72	6,752.72	34.12	234.02	-45.50	-1,193.29	-2,924.61	4,485.82	4,220.23	265.59	16.890		
6,950.00	6,802.72	6,800.72	6,800.72	34.31	235.69	-40.85	-1,193.29	-2,924.61	4,475.40	4,207.99	267.41	16.736		
7,000.00	6,849.54	6,847.54	6,847.54	34.50	237.33	-38.35	-1,193.29	-2,924.61	4,461.53	4,192.36	269.17	16.575		
7,050.00	6,894.89	6,892.89	6,892.89	34.71	239.40	-37.09	-1,193.29	-2,924.61	4,444.29	4,172.93	271.36	16.378		
7,100.00	6,938.49	6,936.49	6,936.49	34.93	240.43	-36.65	-1,193.29	-2,924.61	4,423.82	4,151.33	272.49	16.235		
7,150.00	6,980.07	6,978.07	6,978.07	35.17	241.88	-36.84	-1,193.29	-2,924.61	4,400.23	4,126.20	274.03	16.057		
7,200.00	7,019.38	7,017.38	7,017.38	35.43	243.25	-37.57	-1,193.29	-2,924.61	4,373.70	4,098.22	275.48	15.876		
7,250.00	7,056.17	7,054.17	7,054.17	35.71	244.54	-38.81	-1,193.29	-2,924.61	4,344.40	4,067.56	276.84	15.693		
7,300.00	7,090.21	7,088.21	7,088.21	36.03	245.73	-40.56	-1,193.29	-2,924.61	4,312.51	4,034.41	278.10	15.507		
7,350.00	7,121.30	7,119.30	7,119.30	36.37	246.81	-42.87	-1,193.29	-2,924.61	4,278.26	3,999.01	279.26	15.320		
7,400.00	7,149.25	7,147.25	7,147.25	36.75	247.79	-45.79	-1,193.29	-2,924.61	4,241.86	3,961.56	280.31	15.133		
7,450.00	7,173.87	7,171.87	7,171.87	37.17	248.65	-49.42	-1,193.29	-2,924.61	4,203.55	3,922.31	281.25	14.946		
7,500.00	7,195.03	7,206.97	7,193.03	37.62	249.87	-53.85	-1,193.29	-2,924.61	4,163.58	3,881.02	282.56	14.735		
7,550.00	7,212.58	7,210.58	7,210.58	38.11	250.00	-59.17	-1,193.29	-2,924.61	4,122.20	3,839.41	282.79	14.577		
7,600.00	7,226.43	7,224.43	7,224.43	38.64	250.48	-65.45	-1,193.29	-2,924.61	4,079.68	3,796.28	283.40	14.396		
7,650.00	7,236.48	7,234.48	7,234.48	39.20	250.83	-72.67	-1,193.29	-2,924.61	4,036.28	3,752.39	283.88	14.218		
7,700.00	7,242.68	7,240.68	7,240.68	39.79	251.05	-80.70	-1,193.29	-2,924.61	3,992.28	3,708.02	284.26	14.045		
7,753.32	7,245.00	7,243.00	7,243.00	40.44	251.13	-89.80	-1,193.29	-2,924.61	3,944.99	3,660.47	284.53	13.865		
7,800.00	7,245.08	7,243.08	7,243.08	41.04	251.13	-89.81	-1,193.29	-2,924.61	3,903.60	3,618.88	284.72	13.710		
7,900.00	7,245.26	7,243.26	7,243.26	42.43	251.14	-89.81	-1,193.29	-2,924.61	3,815.32	3,530.14	285.18	13.379		
8,000.00	7,245.43	7,243.43	7,243.43	43.97	251.14	-89.82	-1,193.29	-2,924.61	3,727.63	3,441.89	285.74	13.046		
8,100.00	7,245.61	7,243.61	7,243.61	45.64	251.15	-89.82	-1,193.29	-2,924.61	3,640.58	3,354.18	286.40	12.712		
8,200.00	7,245.79	7,243.79	7,243.79	47.42	251.16	-89.83	-1,193.29	-2,924.61	3,554.21	3,267.05	287.16	12.377		
8,300.00	7,245.97	7,243.97	7,243.97	49.30	251.16	-89.83	-1,193.29	-2,924.61	3,468.57	3,180.53	288.04	12.042		
8,400.00	7,246.14	7,244.14	7,244.14	51.28	251.17	-89.84	-1,193.29	-2,924.61	3,383.72	3,094.68	289.05	11.707		
8,500.00	7,246.32	7,244.32	7,244.32	53.34	251.18	-89.85	-1,193.29	-2,924.61	3,299.72	3,009.54	290.18	11.371		
8,600.00	7,246.50	7,244.50	7,244.50	55.46	251.18	-89.85	-1,193.29	-2,924.61	3,216.64	2,925.19	291.45	11.037		
8,700.00	7,246.67	7,244.67	7,244.67	57.66	251.19	-89.86	-1,193.29	-2,924.61	3,134.54	2,841.67	292.87	10.703		
8,800.00	7,246.85	7,244.85	7,244.85	59.90	251.19	-89.86	-1,193.29	-2,924.61	3,053.51	2,759.07	294.44	10.371		
8,900.00	7,247.03	7,245.03	7,245.03	62.20	251.20	-89.87	-1,193.29	-2,924.61	2,973.64	2,677.47	296.16	10.041		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,245.21	7,245.21	64.55	251.21	-89.87	-1,193.29	-2,924.61	2,895.01	2,596.96	298.05	9.713		
9,100.00	7,247.38	7,245.38	7,245.38	66.93	251.21	-89.88	-1,193.29	-2,924.61	2,817.74	2,517.64	300.11	9.389		
9,200.00	7,247.56	7,245.56	7,245.56	69.35	251.22	-89.88	-1,193.29	-2,924.61	2,741.94	2,439.61	302.34	9.069		
9,300.00	7,247.74	7,245.74	7,245.74	71.80	251.23	-89.89	-1,193.29	-2,924.61	2,667.74	2,362.99	304.75	8.754		
9,400.00	7,247.91	7,245.91	7,245.91	74.29	251.23	-89.90	-1,193.29	-2,924.61	2,595.27	2,287.93	307.34	8.444		
9,500.00	7,248.09	7,246.09	7,246.09	76.79	251.24	-89.90	-1,193.29	-2,924.61	2,524.68	2,214.56	310.12	8.141		
9,600.00	7,248.27	7,246.27	7,246.27	79.33	251.24	-89.91	-1,193.29	-2,924.61	2,456.14	2,143.06	313.08	7.845		
9,700.00	7,248.45	7,246.45	7,246.45	81.88	251.25	-89.91	-1,193.29	-2,924.61	2,389.81	2,073.59	316.22	7.557		
9,800.00	7,248.62	7,246.62	7,246.62	84.45	251.26	-89.92	-1,193.29	-2,924.61	2,325.89	2,006.35	319.54	7.279		
9,900.00	7,248.80	7,246.80	7,246.80	87.04	251.26	-89.92	-1,193.29	-2,924.61	2,264.59	1,941.56	323.03	7.010		
10,000.00	7,248.98	7,246.98	7,246.98	89.65	251.27	-89.93	-1,193.29	-2,924.61	2,206.11	1,879.43	326.69	6.753		
10,100.00	7,249.15	7,247.15	7,247.15	92.28	251.27	-89.94	-1,193.29	-2,924.61	2,150.70	1,820.22	330.49	6.508		
10,200.00	7,249.33	7,247.33	7,247.33	94.91	251.28	-89.94	-1,193.29	-2,924.61	2,098.60	1,764.18	334.42	6.275		
10,300.00	7,249.51	7,247.51	7,247.51	97.56	251.29	-89.95	-1,193.29	-2,924.61	2,050.05	1,711.59	338.46	6.057		
10,400.00	7,249.69	7,247.69	7,247.69	100.22	251.29	-89.95	-1,193.29	-2,924.61	2,005.31	1,662.74	342.57	5.854		
10,500.00	7,249.86	7,247.86	7,247.86	102.89	251.30	-89.96	-1,193.29	-2,924.61	1,964.65	1,617.93	346.72	5.666		
10,600.00	7,250.04	7,248.04	7,248.04	105.57	251.31	-89.96	-1,193.29	-2,924.61	1,928.33	1,577.45	350.87	5.496		
10,700.00	7,250.22	7,248.22	7,248.22	108.27	251.31	-89.97	-1,193.29	-2,924.61	1,896.58	1,541.60	354.98	5.343		
10,800.00	7,250.39	7,248.39	7,248.39	110.96	251.32	-89.97	-1,193.29	-2,924.61	1,869.66	1,510.66	358.99	5.208		
10,900.00	7,250.57	7,248.57	7,248.57	113.67	251.32	-89.98	-1,193.29	-2,924.61	1,847.75	1,484.89	362.86	5.092		
11,000.00	7,250.75	7,248.75	7,248.75	116.39	251.33	-89.99	-1,193.29	-2,924.61	1,831.06	1,464.53	366.53	4.996		
11,100.00	7,250.93	7,248.93	7,248.93	119.11	251.34	-89.99	-1,193.29	-2,924.61	1,819.72	1,449.76	369.96	4.919		
11,200.00	7,251.10	7,249.10	7,249.10	121.83	251.34	-90.00	-1,193.29	-2,924.61	1,813.82	1,440.73	373.09	4.862		
11,257.08	7,251.20	7,249.20	7,249.20	123.39	251.35	-90.00	-1,193.29	-2,924.61	1,812.92	1,438.19	374.74	4.838 CC		
11,300.00	7,251.28	7,249.28	7,249.28	124.57	251.35	-90.00	-1,193.29	-2,924.61	1,813.43	1,437.53	375.90	4.824 ES		
11,400.00	7,251.46	7,249.46	7,249.46	127.31	251.35	-90.01	-1,193.29	-2,924.61	1,818.55	1,440.19	378.36	4.806 SF		
11,500.00	7,251.63	7,249.63	7,249.63	130.05	251.36	-90.01	-1,193.29	-2,924.61	1,829.13	1,448.68	380.44	4.808		
11,600.00	7,251.81	7,249.81	7,249.81	132.80	251.37	-90.02	-1,193.29	-2,924.61	1,845.07	1,462.92	382.15	4.828		
11,700.00	7,251.99	7,249.99	7,249.99	135.55	251.37	-90.02	-1,193.29	-2,924.61	1,866.24	1,482.77	383.48	4.867		
11,800.00	7,252.17	7,250.17	7,250.17	138.31	251.38	-90.03	-1,193.29	-2,924.61	1,892.47	1,508.03	384.44	4.923		
11,900.00	7,252.34	7,250.34	7,250.34	141.07	251.39	-90.04	-1,193.29	-2,924.61	1,923.55	1,538.48	385.07	4.995		
12,000.00	7,252.52	7,250.52	7,250.52	143.84	251.39	-90.04	-1,193.29	-2,924.61	1,959.24	1,573.86	385.38	5.084		
12,100.00	7,252.70	7,250.70	7,250.70	146.61	251.40	-90.05	-1,193.29	-2,924.61	1,999.30	1,613.90	385.40	5.188		
12,200.00	7,252.87	7,250.87	7,250.87	149.38	251.40	-90.05	-1,193.29	-2,924.61	2,043.47	1,658.30	385.17	5.305		
12,300.00	7,253.05	7,251.05	7,251.05	152.16	251.41	-90.06	-1,193.29	-2,924.61	2,091.50	1,706.77	384.72	5.436		
12,400.00	7,253.23	7,251.23	7,251.23	154.94	251.42	-90.06	-1,193.29	-2,924.61	2,143.12	1,759.03	384.09	5.580		
12,500.00	7,253.41	7,251.41	7,251.41	157.72	251.42	-90.07	-1,193.29	-2,924.61	2,198.07	1,814.78	383.29	5.735		
12,600.00	7,253.58	7,251.58	7,251.58	160.51	251.43	-90.08	-1,193.29	-2,924.61	2,256.13	1,873.75	382.37	5.900		
12,700.00	7,253.76	7,251.76	7,251.76	163.29	251.44	-90.08	-1,193.29	-2,924.61	2,317.04	1,935.69	381.35	6.076		
12,800.00	7,253.94	7,251.94	7,251.94	166.08	251.44	-90.09	-1,193.29	-2,924.61	2,380.60	2,000.35	380.25	6.261		
12,900.00	7,254.11	7,252.11	7,252.11	168.88	251.45	-90.09	-1,193.29	-2,924.61	2,446.60	2,067.51	379.09	6.454		
13,000.00	7,254.29	7,252.29	7,252.29	171.67	251.45	-90.10	-1,193.29	-2,924.61	2,514.84	2,136.96	377.89	6.655		
13,100.00	7,254.47	7,252.47	7,252.47	174.47	251.46	-90.10	-1,193.29	-2,924.61	2,585.16	2,208.49	376.66	6.863		
13,200.00	7,254.65	7,252.65	7,252.65	177.27	251.47	-90.11	-1,193.29	-2,924.61	2,657.37	2,281.95	375.42	7.078		
13,300.00	7,254.82	7,252.82	7,252.82	180.07	251.47	-90.11	-1,193.29	-2,924.61	2,731.34	2,357.16	374.17	7.300		
13,400.00	7,255.00	7,253.00	7,253.00	182.87	251.48	-90.12	-1,193.29	-2,924.61	2,806.92	2,433.99	372.93	7.527		
13,500.00	7,255.18	7,253.18	7,253.18	185.67	251.48	-90.13	-1,193.29	-2,924.61	2,883.98	2,512.29	371.69	7.759		
13,600.00	7,255.35	7,253.35	7,253.35	188.48	251.49	-90.13	-1,193.29	-2,924.61	2,962.42	2,591.94	370.48	7.996		
13,700.00	7,255.53	7,253.53	7,253.53	191.29	251.50	-90.14	-1,193.29	-2,924.61	3,042.12	2,672.84	369.28	8.238		
13,800.00	7,255.71	7,253.71	7,253.71	194.10	251.50	-90.14	-1,193.29	-2,924.61	3,123.00	2,754.88	368.11	8.484		
13,900.00	7,255.89	7,253.89	7,253.89	196.91	251.51	-90.15	-1,193.29	-2,924.61	3,204.95	2,837.98	366.97	8.734		
14,000.00	7,256.06	7,254.06	7,254.06	199.72	251.52	-90.15	-1,193.29	-2,924.61	3,287.90	2,922.04	365.85	8.987		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,254.24	7,254.24	202.53	251.52	-90.16	-1,193.29	-2,924.61	3,371.77	3,007.00	364.77	9.244		
14,200.00	7,256.42	7,254.42	7,254.42	205.35	251.53	-90.16	-1,193.29	-2,924.61	3,456.51	3,092.79	363.71	9.503		
14,300.00	7,256.59	7,254.59	7,254.59	208.16	251.53	-90.17	-1,193.29	-2,924.61	3,542.04	3,179.35	362.69	9.766		
14,400.00	7,256.77	7,254.77	7,254.77	210.98	251.54	-90.18	-1,193.29	-2,924.61	3,628.30	3,266.61	361.69	10.031		
14,500.00	7,256.95	7,254.95	7,254.95	213.80	251.55	-90.18	-1,193.29	-2,924.61	3,715.26	3,354.53	360.73	10.299		
14,600.00	7,257.13	7,255.13	7,255.13	216.62	251.55	-90.19	-1,193.29	-2,924.61	3,802.86	3,443.06	359.80	10.569		
14,700.00	7,257.30	7,255.30	7,255.30	219.44	251.56	-90.19	-1,193.29	-2,924.61	3,891.06	3,532.16	358.90	10.842		
14,800.00	7,257.48	7,255.48	7,255.48	222.26	251.57	-90.20	-1,193.29	-2,924.61	3,979.81	3,621.79	358.03	11.116		
14,900.00	7,257.66	7,255.66	7,255.66	225.08	251.57	-90.20	-1,193.29	-2,924.61	4,069.09	3,711.91	357.18	11.392		
15,000.00	7,257.83	7,255.83	7,255.83	227.91	251.58	-90.21	-1,193.29	-2,924.61	4,158.86	3,802.49	356.37	11.670		
15,100.00	7,258.01	7,256.01	7,256.01	230.73	251.58	-90.22	-1,193.29	-2,924.61	4,249.08	3,893.50	355.58	11.950		
15,200.00	7,258.19	7,256.19	7,256.19	233.56	251.59	-90.22	-1,193.29	-2,924.61	4,339.73	3,984.91	354.82	12.231		
15,300.00	7,258.37	7,256.37	7,256.37	236.38	251.60	-90.23	-1,193.29	-2,924.61	4,430.78	4,076.70	354.08	12.513		
15,400.00	7,258.54	7,256.54	7,256.54	239.21	251.60	-90.23	-1,193.29	-2,924.61	4,522.21	4,168.84	353.37	12.797		
15,500.00	7,258.72	7,256.72	7,256.72	242.04	251.61	-90.24	-1,193.29	-2,924.61	4,614.00	4,261.31	352.69	13.082		
15,600.00	7,258.90	7,256.90	7,256.90	244.87	251.61	-90.24	-1,193.29	-2,924.61	4,706.12	4,354.10	352.02	13.369		
15,700.00	7,259.08	7,257.08	7,257.08	247.70	251.62	-90.25	-1,193.29	-2,924.61	4,798.56	4,447.17	351.38	13.656		
15,800.00	7,259.25	7,257.25	7,257.25	250.53	251.63	-90.25	-1,193.29	-2,924.61	4,891.29	4,540.53	350.76	13.945		
15,900.00	7,259.43	7,257.43	7,257.43	253.36	251.63	-90.26	-1,193.29	-2,924.61	4,984.31	4,634.14	350.17	14.234		
16,000.00	7,259.61	7,257.61	7,257.61	256.19	251.64	-90.27	-1,193.29	-2,924.61	5,077.59	4,728.00	349.59	14.524		
16,100.00	7,259.78	7,257.78	7,257.78	259.02	251.65	-90.27	-1,193.29	-2,924.61	5,171.12	4,822.09	349.03	14.816		
16,200.00	7,259.96	7,257.96	7,257.96	261.85	251.65	-90.28	-1,193.29	-2,924.61	5,264.89	4,916.40	348.49	15.108		
16,300.00	7,260.14	7,258.14	7,258.14	264.68	251.66	-90.28	-1,193.29	-2,924.61	5,358.88	5,010.92	347.97	15.401		
16,400.00	7,260.32	7,258.32	7,258.32	267.52	251.66	-90.29	-1,193.29	-2,924.61	5,453.09	5,105.63	347.46	15.694		
16,500.00	7,260.49	7,258.49	7,258.49	270.35	251.67	-90.29	-1,193.29	-2,924.61	5,547.50	5,200.53	346.98	15.988		
16,600.00	7,260.67	7,258.67	7,258.67	273.19	251.68	-90.30	-1,193.29	-2,924.61	5,642.11	5,295.60	346.50	16.283		
16,700.00	7,260.85	7,258.85	7,258.85	276.02	251.68	-90.30	-1,193.29	-2,924.61	5,736.89	5,390.85	346.05	16.578		
16,800.00	7,261.02	7,259.02	7,259.02	278.86	251.69	-90.31	-1,193.29	-2,924.61	5,831.86	5,486.25	345.61	16.874		
16,900.00	7,261.20	7,259.20	7,259.20	281.69	251.70	-90.32	-1,193.29	-2,924.61	5,926.98	5,581.80	345.18	17.171		
17,000.00	7,261.38	7,259.38	7,259.38	284.53	251.70	-90.32	-1,193.29	-2,924.61	6,022.27	5,677.50	344.77	17.468		
17,100.00	7,261.56	7,259.56	7,259.56	287.37	251.71	-90.33	-1,193.29	-2,924.61	6,117.70	5,773.34	344.37	17.765		
17,200.00	7,261.73	7,259.73	7,259.73	290.21	251.71	-90.33	-1,193.29	-2,924.61	6,213.28	5,869.30	343.98	18.063		
17,300.00	7,261.91	7,259.91	7,259.91	293.04	251.72	-90.34	-1,193.29	-2,924.61	6,309.00	5,965.39	343.61	18.361		
17,400.00	7,262.09	7,260.09	7,260.09	295.88	251.73	-90.34	-1,193.29	-2,924.61	6,404.84	6,061.60	343.24	18.660		
17,500.00	7,262.26	7,260.26	7,260.26	298.72	251.73	-90.35	-1,193.29	-2,924.61	6,500.82	6,157.92	342.89	18.959		
17,600.00	7,262.44	7,260.44	7,260.44	301.56	251.74	-90.36	-1,193.29	-2,924.61	6,596.91	6,254.35	342.55	19.258		
17,700.00	7,262.62	7,260.62	7,260.62	304.40	251.74	-90.36	-1,193.29	-2,924.61	6,693.11	6,350.89	342.22	19.558		
17,800.00	7,262.80	7,260.80	7,260.80	307.24	251.75	-90.37	-1,193.29	-2,924.61	6,789.43	6,447.52	341.91	19.858		
17,900.00	7,262.97	7,260.97	7,260.97	310.08	251.76	-90.37	-1,193.29	-2,924.61	6,885.85	6,544.25	341.60	20.158		
18,000.00	7,263.15	7,261.15	7,261.15	312.92	251.76	-90.38	-1,193.29	-2,924.61	6,982.37	6,641.07	341.30	20.458		
18,100.00	7,263.33	7,261.33	7,261.33	315.76	251.77	-90.38	-1,193.29	-2,924.61	7,078.99	6,737.98	341.01	20.759		
18,200.00	7,263.50	7,261.50	7,261.50	318.61	251.78	-90.39	-1,193.29	-2,924.61	7,175.70	6,834.97	340.73	21.060		
18,300.00	7,263.68	7,261.68	7,261.68	321.45	251.78	-90.39	-1,193.29	-2,924.61	7,272.50	6,932.04	340.46	21.361		
18,400.00	7,263.86	7,261.86	7,261.86	324.29	251.79	-90.40	-1,193.29	-2,924.61	7,369.38	7,029.19	340.20	21.662		
18,500.00	7,264.04	7,262.04	7,262.04	327.13	251.79	-90.41	-1,193.29	-2,924.61	7,466.35	7,126.41	339.94	21.964		
18,600.00	7,264.21	7,262.21	7,262.21	329.97	251.80	-90.41	-1,193.29	-2,924.61	7,563.40	7,223.70	339.70	22.265		
18,700.00	7,264.39	7,262.39	7,262.39	332.82	251.81	-90.42	-1,193.29	-2,924.61	7,660.52	7,321.06	339.46	22.567		
18,800.00	7,264.57	7,262.57	7,262.57	335.66	251.81	-90.42	-1,193.29	-2,924.61	7,757.71	7,418.49	339.23	22.869		
18,900.00	7,264.74	7,262.74	7,262.74	338.51	251.82	-90.43	-1,193.29	-2,924.61	7,854.98	7,515.98	339.00	23.171		
19,000.00	7,264.92	7,262.92	7,262.92	341.35	251.82	-90.43	-1,193.29	-2,924.61	7,952.31	7,613.53	338.79	23.473		
19,044.52	7,265.00	7,263.00	7,263.00	342.62	251.83	-90.44	-1,193.29	-2,924.61	7,995.67	7,656.97	338.69	23.607		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-176.97	-4,073.66	-215.84	4,079.43					
100.00	100.00	78.00	78.00	3.28	3.55	-176.97	-4,073.66	-215.84	4,079.38	4,072.54	6.84	596.744		
200.00	200.00	178.00	178.00	3.34	5.54	-176.97	-4,073.66	-215.84	4,079.38	4,070.50	8.88	459.383 CC		
300.00	299.98	277.98	277.98	3.44	8.61	117.48	-4,073.66	-215.84	4,080.18	4,068.13	12.05	338.553		
400.00	399.84	377.84	377.84	3.60	11.91	117.50	-4,073.66	-215.84	4,082.60	4,067.09	15.51	263.281 ES		
500.00	499.45	477.45	477.45	3.81	15.28	117.54	-4,073.66	-215.84	4,086.64	4,067.55	19.08	214.135		
600.00	598.70	576.70	576.70	4.06	18.68	117.59	-4,073.66	-215.84	4,092.31	4,069.58	22.73	180.034		
700.00	697.47	675.47	675.47	4.34	22.08	117.65	-4,073.66	-215.84	4,099.64	4,073.22	26.42	155.172		
800.00	795.62	773.62	773.62	4.66	25.47	117.72	-4,073.66	-215.84	4,108.63	4,078.50	30.14	136.335		
824.00	819.08	802.92	797.08	4.75	26.49	117.74	-4,073.66	-215.84	4,111.04	4,079.81	31.23	131.620		
900.00	893.28	871.28	871.28	5.02	28.86	117.94	-4,073.66	-215.84	4,118.86	4,084.98	33.87	121.593		
1,000.00	990.92	968.92	968.92	5.40	32.25	118.20	-4,073.66	-215.84	4,129.21	4,091.58	37.64	109.704		
1,100.00	1,088.56	1,066.56	1,066.56	5.80	35.64	118.46	-4,073.66	-215.84	4,139.66	4,098.23	41.43	99.925		
1,200.00	1,186.19	1,164.19	1,164.19	6.21	39.03	118.72	-4,073.66	-215.84	4,150.19	4,104.96	45.23	91.749		
1,300.00	1,283.83	1,261.83	1,261.83	6.64	42.43	118.97	-4,073.66	-215.84	4,160.81	4,111.75	49.06	84.819		
1,400.00	1,381.47	1,359.47	1,359.47	7.08	45.83	119.23	-4,073.66	-215.84	4,171.51	4,118.62	52.89	78.874		
1,500.00	1,479.10	1,457.10	1,457.10	7.53	49.23	119.48	-4,073.66	-215.84	4,182.30	4,125.57	56.73	73.722		
1,600.00	1,576.74	1,554.74	1,554.74	7.99	52.63	119.73	-4,073.66	-215.84	4,193.17	4,132.59	60.58	69.216		
1,700.00	1,674.38	1,652.38	1,652.38	8.45	56.04	119.99	-4,073.66	-215.84	4,204.12	4,139.68	64.44	65.243		
1,800.00	1,772.02	1,750.02	1,750.02	8.92	59.44	120.24	-4,073.66	-215.84	4,215.16	4,146.86	68.30	61.715		
1,900.00	1,869.65	1,847.65	1,847.65	9.39	62.84	120.48	-4,073.66	-215.84	4,226.27	4,154.11	72.17	58.561		
2,000.00	1,967.29	1,945.29	1,945.29	9.87	66.25	120.73	-4,073.66	-215.84	4,237.47	4,161.43	76.04	55.727		
2,100.00	2,064.93	2,042.93	2,042.93	10.35	69.65	120.98	-4,073.66	-215.84	4,248.75	4,168.84	79.91	53.166		
2,200.00	2,162.56	2,140.56	2,140.56	10.83	73.06	121.22	-4,073.66	-215.84	4,260.11	4,176.32	83.79	50.842		
2,300.00	2,260.20	2,238.20	2,238.20	11.32	76.46	121.47	-4,073.66	-215.84	4,271.55	4,183.88	87.67	48.722		
2,400.00	2,357.84	2,335.84	2,335.84	11.80	79.87	121.71	-4,073.66	-215.84	4,283.06	4,191.51	91.55	46.782		
2,500.00	2,455.48	2,433.48	2,433.48	12.29	83.27	121.95	-4,073.66	-215.84	4,294.66	4,199.22	95.44	45.000		
2,600.00	2,553.11	2,531.11	2,531.11	12.78	86.68	122.19	-4,073.66	-215.84	4,306.33	4,207.01	99.32	43.357		
2,700.00	2,650.75	2,628.75	2,628.75	13.27	90.08	122.43	-4,073.66	-215.84	4,318.08	4,214.87	103.21	41.838		
2,800.00	2,748.39	2,726.39	2,726.39	13.77	93.49	122.67	-4,073.66	-215.84	4,329.90	4,222.80	107.10	40.429		
2,900.00	2,846.02	2,824.02	2,824.02	14.26	96.90	122.90	-4,073.66	-215.84	4,341.81	4,230.81	110.99	39.120		
3,000.00	2,943.66	2,921.66	2,921.66	14.76	100.30	123.14	-4,073.66	-215.84	4,353.77	4,238.90	114.88	37.899		
3,100.00	3,041.30	3,019.30	3,019.30	15.25	103.71	123.37	-4,073.66	-215.84	4,365.82	4,247.05	118.77	36.759		
3,200.00	3,138.94	3,116.94	3,116.94	15.75	107.12	123.60	-4,073.66	-215.84	4,377.94	4,255.28	122.66	35.692		
3,300.00	3,236.57	3,214.57	3,214.57	16.25	110.52	123.83	-4,073.66	-215.84	4,390.14	4,263.58	126.55	34.690		
3,400.00	3,334.21	3,312.21	3,312.21	16.75	113.93	124.06	-4,073.66	-215.84	4,402.40	4,271.96	130.44	33.749		
3,500.00	3,431.85	3,409.85	3,409.85	17.25	117.34	124.29	-4,073.66	-215.84	4,414.74	4,280.40	134.34	32.863		
3,600.00	3,529.48	3,507.48	3,507.48	17.75	120.75	124.52	-4,073.66	-215.84	4,427.15	4,288.92	138.23	32.027		
3,700.00	3,627.12	3,605.12	3,605.12	18.25	124.15	124.75	-4,073.66	-215.84	4,439.63	4,297.51	142.12	31.238		
3,800.00	3,724.76	3,702.76	3,702.76	18.75	127.56	124.97	-4,073.66	-215.84	4,452.18	4,306.16	146.02	30.490		
3,900.00	3,822.40	3,800.40	3,800.40	19.25	130.97	125.19	-4,073.66	-215.84	4,464.80	4,314.89	149.91	29.783		
4,000.00	3,920.03	3,901.97	3,898.03	19.75	134.51	125.42	-4,073.66	-215.84	4,477.49	4,323.54	153.95	29.085		
4,100.00	4,017.67	4,004.33	3,995.67	20.25	138.08	125.64	-4,073.66	-215.84	4,490.24	4,332.24	158.01	28.418		
4,200.00	4,115.31	4,106.69	4,093.31	20.76	141.66	125.86	-4,073.66	-215.84	4,503.07	4,341.00	162.06	27.786		
4,300.00	4,212.94	4,209.06	4,190.94	21.26	145.23	126.08	-4,073.66	-215.84	4,515.96	4,349.83	166.12	27.184		
4,400.00	4,310.58	4,288.58	4,288.58	21.76	148.01	126.29	-4,073.66	-215.84	4,528.91	4,359.53	169.39	26.737		
4,500.00	4,408.22	4,386.22	4,386.22	22.27	151.41	126.51	-4,073.66	-215.84	4,541.94	4,368.65	173.28	26.211		
4,600.00	4,505.86	4,483.86	4,483.86	22.77	154.82	126.73	-4,073.66	-215.84	4,555.02	4,377.85	177.18	25.709		
4,700.00	4,603.49	4,581.49	4,581.49	23.28	158.23	126.94	-4,073.66	-215.84	4,568.18	4,387.10	181.07	25.228		
4,800.00	4,701.13	4,679.13	4,679.13	23.78	161.64	127.15	-4,073.66	-215.84	4,581.39	4,396.43	184.97	24.768		
4,900.00	4,798.77	4,776.77	4,776.77	24.28	165.04	127.36	-4,073.66	-215.84	4,594.68	4,405.81	188.86	24.328		
5,000.00	4,896.40	4,874.40	4,874.40	24.79	168.45	127.57	-4,073.66	-215.84	4,608.02	4,415.26	192.76	23.906		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	4,972.04	4,972.04	25.30	171.86	127.78	-4,073.66	-215.84	4,621.43	4,424.77	196.65	23.500		
5,200.00	5,091.68	5,069.68	5,069.68	25.80	175.27	127.99	-4,073.66	-215.84	4,634.89	4,434.34	200.55	23.111		
5,300.00	5,189.32	5,167.32	5,167.32	26.31	178.68	128.20	-4,073.66	-215.84	4,648.42	4,443.98	204.44	22.737		
5,400.00	5,286.95	5,264.95	5,264.95	26.81	182.08	128.40	-4,073.66	-215.84	4,662.01	4,453.67	208.34	22.377		
5,500.00	5,384.59	5,362.59	5,362.59	27.32	185.49	128.61	-4,073.66	-215.84	4,675.66	4,463.43	212.23	22.031		
5,600.00	5,482.23	5,460.23	5,460.23	27.82	188.90	128.81	-4,073.66	-215.84	4,689.38	4,473.25	216.13	21.697		
5,700.00	5,579.87	5,557.87	5,557.87	28.33	192.31	129.01	-4,073.66	-215.84	4,703.15	4,483.12	220.02	21.376		
5,800.00	5,677.50	5,655.50	5,655.50	28.84	195.72	129.22	-4,073.66	-215.84	4,716.97	4,493.06	223.92	21.066		
5,900.00	5,775.14	5,753.14	5,753.14	29.34	199.12	129.42	-4,073.66	-215.84	4,730.86	4,503.05	227.81	20.766		
6,000.00	5,872.78	5,850.78	5,850.78	29.85	202.53	129.61	-4,073.66	-215.84	4,744.81	4,513.10	231.71	20.477		
6,100.00	5,970.41	5,948.41	5,948.41	30.36	205.94	129.81	-4,073.66	-215.84	4,758.81	4,523.21	235.60	20.198		
6,200.00	6,068.05	6,046.05	6,046.05	30.86	209.35	130.01	-4,073.66	-215.84	4,772.87	4,533.37	239.50	19.929		
6,300.00	6,165.69	6,143.69	6,143.69	31.37	212.76	130.20	-4,073.66	-215.84	4,786.98	4,543.59	243.39	19.668		
6,400.00	6,263.33	6,241.33	6,241.33	31.88	216.16	130.40	-4,073.66	-215.84	4,801.15	4,553.87	247.29	19.415		
6,500.00	6,360.96	6,338.96	6,338.96	32.38	219.57	130.59	-4,073.66	-215.84	4,815.38	4,564.20	251.18	19.171		
6,600.00	6,458.60	6,436.60	6,436.60	32.89	222.98	130.78	-4,073.66	-215.84	4,829.66	4,574.59	255.07	18.934		
6,628.42	6,486.35	6,464.35	6,464.35	33.04	223.95	130.84	-4,073.66	-215.84	4,833.73	4,577.55	256.18	18.869		
6,650.00	6,507.49	6,485.49	6,485.49	33.14	224.69	135.45	-4,073.66	-215.84	4,836.72	4,579.70	257.02	18.818		
6,700.00	6,556.88	6,534.88	6,534.88	33.37	226.41	153.76	-4,073.66	-215.84	4,842.88	4,583.91	258.97	18.701		
6,750.00	6,606.60	6,584.60	6,584.60	33.58	228.15	-167.19	-4,073.66	-215.84	4,847.92	4,587.01	260.91	18.581		
6,800.00	6,656.35	6,634.35	6,634.35	33.76	229.88	-124.58	-4,073.66	-215.84	4,851.81	4,588.97	262.84	18.459		
6,850.00	6,705.83	6,683.83	6,683.83	33.94	231.61	-103.89	-4,073.66	-215.84	4,854.52	4,589.77	264.75	18.336		
6,900.00	6,754.72	6,732.72	6,732.72	34.12	233.32	-94.38	-4,073.66	-215.84	4,856.06	4,589.41	266.65	18.211		
6,950.00	6,802.72	6,780.72	6,780.72	34.31	234.99	-89.35	-4,073.66	-215.84	4,856.44	4,587.92	268.52	18.086		
7,000.00	6,849.54	6,827.54	6,827.54	34.50	236.63	-86.43	-4,073.66	-215.84	4,855.70	4,585.34	270.36	17.960		
7,050.00	6,894.89	6,872.89	6,872.89	34.71	238.21	-84.69	-4,073.66	-215.84	4,853.86	4,581.71	272.15	17.835		
7,100.00	6,938.49	6,916.49	6,916.49	34.93	239.73	-83.68	-4,073.66	-215.84	4,850.99	4,577.09	273.90	17.711		
7,150.00	6,980.07	6,958.07	6,958.07	35.17	241.18	-83.17	-4,073.66	-215.84	4,847.16	4,571.56	275.60	17.588		
7,200.00	7,019.38	7,002.62	6,997.38	35.43	242.74	-83.02	-4,073.66	-215.84	4,842.44	4,565.02	277.42	17.455		
7,250.00	7,056.17	7,034.17	7,034.17	35.71	243.84	-83.14	-4,073.66	-215.84	4,836.91	4,558.10	278.81	17.348		
7,300.00	7,090.21	7,068.21	7,068.21	36.03	245.03	-83.46	-4,073.66	-215.84	4,830.67	4,550.35	280.32	17.233		
7,350.00	7,121.30	7,100.70	7,099.30	36.37	246.16	-83.94	-4,073.66	-215.84	4,823.81	4,542.00	281.81	17.117		
7,400.00	7,149.25	7,127.25	7,127.25	36.75	247.09	-84.54	-4,073.66	-215.84	4,816.43	4,533.31	283.12	17.012		
7,450.00	7,173.87	7,151.87	7,151.87	37.17	247.95	-85.22	-4,073.66	-215.84	4,808.64	4,524.22	284.42	16.907		
7,500.00	7,195.03	7,173.03	7,173.03	37.62	248.69	-85.97	-4,073.66	-215.84	4,800.52	4,514.89	285.63	16.807		
7,550.00	7,212.58	7,209.42	7,190.58	38.11	249.96	-86.76	-4,073.66	-215.84	4,792.18	4,504.77	287.41	16.674		
7,600.00	7,226.43	7,204.43	7,204.43	38.64	249.78	-87.56	-4,073.66	-215.84	4,783.70	4,495.91	287.79	16.622		
7,650.00	7,236.48	7,214.48	7,214.48	39.20	250.13	-88.36	-4,073.66	-215.84	4,775.17	4,486.44	288.73	16.539		
7,700.00	7,242.68	7,220.68	7,220.68	39.79	250.35	-89.16	-4,073.66	-215.84	4,766.67	4,477.11	289.56	16.462		
7,753.32	7,245.00	7,223.00	7,223.00	40.44	250.43	-89.98	-4,073.66	-215.84	4,757.71	4,467.38	290.33	16.387		
7,800.00	7,245.08	7,223.08	7,223.08	41.04	250.43	-89.98	-4,073.66	-215.84	4,750.15	4,459.19	290.96	16.326		
7,900.00	7,245.26	7,223.26	7,223.26	42.43	250.44	-89.99	-4,073.66	-215.84	4,735.48	4,443.04	292.44	16.193		
8,000.00	7,245.43	7,223.43	7,223.43	43.97	250.45	-89.99	-4,073.66	-215.84	4,722.87	4,428.82	294.06	16.061		
8,100.00	7,245.61	7,223.61	7,223.61	45.64	250.45	-89.99	-4,073.66	-215.84	4,712.36	4,416.55	295.80	15.931		
8,200.00	7,245.79	7,223.79	7,223.79	47.42	250.46	-89.99	-4,073.66	-215.84	4,703.94	4,406.28	297.66	15.803		
8,300.00	7,245.97	7,223.97	7,223.97	49.30	250.47	-89.99	-4,073.66	-215.84	4,697.65	4,398.02	299.62	15.679		
8,400.00	7,246.14	7,224.14	7,224.14	51.28	250.47	-90.00	-4,073.66	-215.84	4,693.47	4,391.81	301.66	15.559		
8,500.00	7,246.32	7,224.32	7,224.32	53.34	250.48	-90.00	-4,073.66	-215.84	4,691.42	4,387.65	303.77	15.444		
8,546.08	7,246.40	7,224.40	7,224.40	54.32	250.48	-90.00	-4,073.66	-215.84	4,691.20	4,386.42	304.77	15.392		
8,600.00	7,246.50	7,224.50	7,224.50	55.46	250.48	-90.00	-4,073.66	-215.84	4,691.51	4,385.57	305.94	15.335		
8,700.00	7,246.67	7,224.67	7,224.67	57.66	250.49	-90.00	-4,073.66	-215.84	4,693.72	4,385.57	308.15	15.232		
8,800.00	7,246.85	7,224.85	7,224.85	59.90	250.50	-90.01	-4,073.66	-215.84	4,698.06	4,387.68	310.39	15.136		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,900.00	7,247.03	7,225.03	7,225.03	62.20	250.50	-90.01	-4,073.66	-215.84	4,704.53	4,391.88	312.65	15.047		
9,000.00	7,247.21	7,225.21	7,225.21	64.55	250.51	-90.01	-4,073.66	-215.84	4,713.11	4,398.18	314.93	14.966		
9,100.00	7,247.38	7,225.38	7,225.38	66.93	250.51	-90.01	-4,073.66	-215.84	4,723.79	4,406.57	317.22	14.891		
9,200.00	7,247.56	7,225.56	7,225.56	69.35	250.52	-90.01	-4,073.66	-215.84	4,736.55	4,417.05	319.50	14.825		
9,300.00	7,247.74	7,225.74	7,225.74	71.80	250.53	-90.02	-4,073.66	-215.84	4,751.39	4,429.62	321.77	14.766		
9,400.00	7,247.91	7,225.91	7,225.91	74.29	250.53	-90.02	-4,073.66	-215.84	4,768.28	4,444.25	324.03	14.715		
9,500.00	7,248.09	7,226.09	7,226.09	76.79	250.54	-90.02	-4,073.66	-215.84	4,787.20	4,460.92	326.27	14.672		
9,600.00	7,248.27	7,226.27	7,226.27	79.33	250.55	-90.02	-4,073.66	-215.84	4,808.13	4,479.63	328.49	14.637		
9,700.00	7,248.45	7,226.45	7,226.45	81.88	250.55	-90.02	-4,073.66	-215.84	4,831.03	4,500.35	330.68	14.609		
9,800.00	7,248.62	7,226.62	7,226.62	84.45	250.56	-90.03	-4,073.66	-215.84	4,855.89	4,523.05	332.83	14.590		
9,900.00	7,248.80	7,226.80	7,226.80	87.04	250.56	-90.03	-4,073.66	-215.84	4,882.66	4,547.71	334.95	14.577		
10,000.00	7,248.98	7,226.98	7,226.98	89.65	250.57	-90.03	-4,073.66	-215.84	4,911.33	4,574.30	337.03	14.572 SF		
10,100.00	7,249.15	7,227.15	7,227.15	92.28	250.58	-90.03	-4,073.66	-215.84	4,941.86	4,602.79	339.07	14.575		
10,200.00	7,249.33	7,227.33	7,227.33	94.91	250.58	-90.04	-4,073.66	-215.84	4,974.21	4,633.15	341.06	14.585		
10,300.00	7,249.51	7,227.51	7,227.51	97.56	250.59	-90.04	-4,073.66	-215.84	5,008.35	4,665.34	343.01	14.601		
10,400.00	7,249.69	7,227.69	7,227.69	100.22	250.59	-90.04	-4,073.66	-215.84	5,044.24	4,699.33	344.91	14.625		
10,500.00	7,249.86	7,227.86	7,227.86	102.89	250.60	-90.04	-4,073.66	-215.84	5,081.84	4,735.08	346.76	14.655		
10,600.00	7,250.04	7,228.04	7,228.04	105.57	250.61	-90.04	-4,073.66	-215.84	5,121.12	4,772.56	348.56	14.692		
10,700.00	7,250.22	7,228.22	7,228.22	108.27	250.61	-90.05	-4,073.66	-215.84	5,162.04	4,811.73	350.31	14.736		
10,800.00	7,250.39	7,228.39	7,228.39	110.96	250.62	-90.05	-4,073.66	-215.84	5,204.56	4,852.55	352.02	14.785		
10,900.00	7,250.57	7,228.57	7,228.57	113.67	250.63	-90.05	-4,073.66	-215.84	5,248.64	4,894.98	353.67	14.841		
11,000.00	7,250.75	7,228.75	7,228.75	116.39	250.63	-90.05	-4,073.66	-215.84	5,294.25	4,938.98	355.27	14.902		
11,100.00	7,250.93	7,228.93	7,228.93	119.11	250.64	-90.06	-4,073.66	-215.84	5,341.33	4,984.51	356.82	14.969		
11,200.00	7,251.10	7,229.10	7,229.10	121.83	250.64	-90.06	-4,073.66	-215.84	5,389.86	5,031.54	358.32	15.042		
11,300.00	7,251.28	7,229.28	7,229.28	124.57	250.65	-90.06	-4,073.66	-215.84	5,439.80	5,080.02	359.78	15.120		
11,400.00	7,251.46	7,229.46	7,229.46	127.31	250.66	-90.06	-4,073.66	-215.84	5,491.10	5,129.92	361.18	15.203		
11,500.00	7,251.63	7,229.63	7,229.63	130.05	250.66	-90.06	-4,073.66	-215.84	5,543.73	5,181.19	362.54	15.291		
11,600.00	7,251.81	7,229.81	7,229.81	132.80	250.67	-90.07	-4,073.66	-215.84	5,597.65	5,233.80	363.85	15.385		
11,700.00	7,251.99	7,229.99	7,229.99	135.55	250.68	-90.07	-4,073.66	-215.84	5,652.83	5,287.72	365.11	15.482		
11,800.00	7,252.17	7,230.17	7,230.17	138.31	250.68	-90.07	-4,073.66	-215.84	5,709.23	5,342.89	366.33	15.585		
11,900.00	7,252.34	7,230.34	7,230.34	141.07	250.69	-90.07	-4,073.66	-215.84	5,766.81	5,399.30	367.51	15.692		
12,000.00	7,252.52	7,230.52	7,230.52	143.84	250.69	-90.07	-4,073.66	-215.84	5,825.53	5,456.89	368.64	15.803		
12,100.00	7,252.70	7,230.70	7,230.70	146.61	250.70	-90.08	-4,073.66	-215.84	5,885.38	5,515.64	369.74	15.918		
12,200.00	7,252.87	7,230.87	7,230.87	149.38	250.71	-90.08	-4,073.66	-215.84	5,946.29	5,575.51	370.79	16.037		
12,300.00	7,253.05	7,231.05	7,231.05	152.16	250.71	-90.08	-4,073.66	-215.84	6,008.26	5,636.46	371.80	16.160		
12,400.00	7,253.23	7,231.23	7,231.23	154.94	250.72	-90.08	-4,073.66	-215.84	6,071.24	5,698.47	372.77	16.287		
12,500.00	7,253.41	7,231.41	7,231.41	157.72	250.72	-90.09	-4,073.66	-215.84	6,135.21	5,761.50	373.71	16.417		
12,600.00	7,253.58	7,231.58	7,231.58	160.51	250.73	-90.09	-4,073.66	-215.84	6,200.13	5,825.51	374.61	16.551		
12,700.00	7,253.76	7,231.76	7,231.76	163.29	250.74	-90.09	-4,073.66	-215.84	6,265.97	5,890.49	375.48	16.688		
12,800.00	7,253.94	7,231.94	7,231.94	166.08	250.74	-90.09	-4,073.66	-215.84	6,332.70	5,956.39	376.32	16.828		
12,900.00	7,254.11	7,232.11	7,232.11	168.88	250.75	-90.09	-4,073.66	-215.84	6,400.30	6,023.19	377.12	16.972		
13,000.00	7,254.29	7,232.29	7,232.29	171.67	250.76	-90.10	-4,073.66	-215.84	6,468.75	6,090.86	377.89	17.118		
13,100.00	7,254.47	7,232.47	7,232.47	174.47	250.76	-90.10	-4,073.66	-215.84	6,538.00	6,159.37	378.63	17.267		
13,200.00	7,254.65	7,232.65	7,232.65	177.27	250.77	-90.10	-4,073.66	-215.84	6,608.04	6,228.70	379.34	17.420		
13,300.00	7,254.82	7,232.82	7,232.82	180.07	250.77	-90.10	-4,073.66	-215.84	6,678.85	6,298.82	380.03	17.575		
13,400.00	7,255.00	7,233.00	7,233.00	182.87	250.78	-90.11	-4,073.66	-215.84	6,750.39	6,369.71	380.69	17.732		
13,500.00	7,255.18	7,233.18	7,233.18	185.67	250.79	-90.11	-4,073.66	-215.84	6,822.65	6,441.33	381.32	17.892		
13,600.00	7,255.35	7,233.35	7,233.35	188.48	250.79	-90.11	-4,073.66	-215.84	6,895.60	6,513.68	381.93	18.055		
13,700.00	7,255.53	7,233.53	7,233.53	191.29	250.80	-90.11	-4,073.66	-215.84	6,969.23	6,586.71	382.51	18.219		
13,800.00	7,255.71	7,233.71	7,233.71	194.10	250.81	-90.11	-4,073.66	-215.84	7,043.50	6,660.43	383.08	18.387		
13,900.00	7,255.89	7,233.89	7,233.89	196.91	250.81	-90.12	-4,073.66	-215.84	7,118.41	6,734.79	383.62	18.556		
14,000.00	7,256.06	7,234.06	7,234.06	199.72	250.82	-90.12	-4,073.66	-215.84	7,193.92	6,809.78	384.14	18.727		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,234.24	7,234.24	202.53	250.82	-90.12	-4,073.66	-215.84	7,270.03	6,885.39	384.64	18.901		
14,200.00	7,256.42	7,234.42	7,234.42	205.35	250.83	-90.12	-4,073.66	-215.84	7,346.70	6,961.59	385.12	19.077		
14,300.00	7,256.59	7,234.59	7,234.59	208.16	250.84	-90.12	-4,073.66	-215.84	7,423.94	7,038.36	385.58	19.254		
14,400.00	7,256.77	7,234.77	7,234.77	210.98	250.84	-90.13	-4,073.66	-215.84	7,501.71	7,115.68	386.02	19.433		
14,500.00	7,256.95	7,234.95	7,234.95	213.80	250.85	-90.13	-4,073.66	-215.84	7,580.00	7,193.55	386.45	19.614		
14,600.00	7,257.13	7,235.13	7,235.13	216.62	250.85	-90.13	-4,073.66	-215.84	7,658.80	7,271.93	386.86	19.797		
14,700.00	7,257.30	7,235.30	7,235.30	219.44	250.86	-90.13	-4,073.66	-215.84	7,738.08	7,350.83	387.26	19.982		
14,800.00	7,257.48	7,235.48	7,235.48	222.26	250.87	-90.14	-4,073.66	-215.84	7,817.85	7,430.21	387.64	20.168		
14,900.00	7,257.66	7,235.66	7,235.66	225.08	250.87	-90.14	-4,073.66	-215.84	7,898.07	7,510.07	388.01	20.356		
15,000.00	7,257.83	7,235.83	7,235.83	227.91	250.88	-90.14	-4,073.66	-215.84	7,978.74	7,590.38	388.36	20.545		
15,100.00	7,258.01	7,236.01	7,236.01	230.73	250.89	-90.14	-4,073.66	-215.84	8,059.84	7,671.15	388.70	20.736		
15,200.00	7,258.19	7,236.19	7,236.19	233.56	250.89	-90.14	-4,073.66	-215.84	8,141.37	7,752.34	389.02	20.928		
15,300.00	7,258.37	7,236.37	7,236.37	236.38	250.90	-90.15	-4,073.66	-215.84	8,223.30	7,833.96	389.34	21.121		
15,400.00	7,258.54	7,236.54	7,236.54	239.21	250.90	-90.15	-4,073.66	-215.84	8,305.63	7,915.98	389.64	21.316		
15,500.00	7,258.72	7,236.72	7,236.72	242.04	250.91	-90.15	-4,073.66	-215.84	8,388.34	7,998.40	389.93	21.512		
15,600.00	7,258.90	7,236.90	7,236.90	244.87	250.92	-90.15	-4,073.66	-215.84	8,471.42	8,081.21	390.21	21.710		
15,700.00	7,259.08	7,237.08	7,237.08	247.70	250.92	-90.15	-4,073.66	-215.84	8,554.87	8,164.38	390.49	21.908		
15,800.00	7,259.25	7,237.25	7,237.25	250.53	250.93	-90.16	-4,073.66	-215.84	8,638.67	8,247.92	390.75	22.108		
15,900.00	7,259.43	7,237.43	7,237.43	253.36	250.94	-90.16	-4,073.66	-215.84	8,722.80	8,331.80	391.00	22.309		
16,000.00	7,259.61	7,237.61	7,237.61	256.19	250.94	-90.16	-4,073.66	-215.84	8,807.28	8,416.03	391.24	22.511		
16,100.00	7,259.78	7,237.78	7,237.78	259.02	250.95	-90.16	-4,073.66	-215.84	8,892.07	8,500.59	391.48	22.714		
16,200.00	7,259.96	7,237.96	7,237.96	261.85	250.95	-90.17	-4,073.66	-215.84	8,977.17	8,585.47	391.70	22.918		
16,300.00	7,260.14	7,238.14	7,238.14	264.68	250.96	-90.17	-4,073.66	-215.84	9,062.58	8,670.66	391.92	23.123		
16,400.00	7,260.32	7,238.32	7,238.32	267.52	250.97	-90.17	-4,073.66	-215.84	9,148.29	8,756.16	392.13	23.330		
16,500.00	7,260.49	7,238.49	7,238.49	270.35	250.97	-90.17	-4,073.66	-215.84	9,234.28	8,841.95	392.34	23.537		
16,600.00	7,260.67	7,238.67	7,238.67	273.19	250.98	-90.17	-4,073.66	-215.84	9,320.56	8,928.02	392.53	23.745		
16,700.00	7,260.85	7,238.85	7,238.85	276.02	250.98	-90.18	-4,073.66	-215.84	9,407.10	9,014.38	392.72	23.953		
16,800.00	7,261.02	7,239.02	7,239.02	278.86	250.99	-90.18	-4,073.66	-215.84	9,493.91	9,101.00	392.91	24.163		
16,900.00	7,261.20	7,239.20	7,239.20	281.69	251.00	-90.18	-4,073.66	-215.84	9,580.98	9,187.89	393.09	24.374		
17,000.00	7,261.38	7,239.38	7,239.38	284.53	251.00	-90.18	-4,073.66	-215.84	9,668.29	9,275.04	393.26	24.585		
17,100.00	7,261.56	7,239.56	7,239.56	287.37	251.01	-90.19	-4,073.66	-215.84	9,755.85	9,362.43	393.42	24.797		
17,200.00	7,261.73	7,239.73	7,239.73	290.21	251.02	-90.19	-4,073.66	-215.84	9,843.65	9,450.07	393.58	25.010		
17,300.00	7,261.91	7,239.91	7,239.91	293.04	251.02	-90.19	-4,073.66	-215.84	9,931.68	9,537.94	393.74	25.224		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	40.00	40.00	3.28	3.35	-72.37	1,394.22	-4,387.29	4,603.49					
100.00	100.00	140.00	140.00	3.28	4.54	-72.37	1,394.22	-4,387.29	4,603.49	4,595.66	7.83	588.177		
200.00	200.00	240.00	240.00	3.34	7.40	-72.37	1,394.22	-4,387.29	4,603.49	4,592.75	10.74	428.766		
300.00	299.98	339.98	339.98	3.44	10.64	-137.93	1,394.22	-4,387.29	4,604.79	4,590.70	14.08	326.930		
400.00	399.84	439.84	439.84	3.60	14.00	-137.92	1,394.22	-4,387.29	4,608.67	4,591.07	17.60	261.856		
500.00	499.45	539.45	539.45	3.81	17.40	-137.90	1,394.22	-4,387.29	4,615.15	4,593.95	21.20	217.657		
600.00	598.70	638.70	638.70	4.06	20.81	-137.88	1,394.22	-4,387.29	4,624.22	4,599.36	24.86	186.000		
700.00	697.47	737.47	737.47	4.34	24.22	-137.85	1,394.22	-4,387.29	4,635.89	4,607.34	28.55	162.360		
800.00	795.62	835.62	835.62	4.66	27.62	-137.82	1,394.22	-4,387.29	4,650.15	4,617.89	32.26	144.124		
824.00	819.08	859.08	859.08	4.75	28.43	-137.81	1,394.22	-4,387.29	4,653.96	4,620.80	33.16	140.348		
900.00	893.28	933.28	933.28	5.02	31.01	-137.94	1,394.22	-4,387.29	4,666.27	4,630.28	35.99	129.649		
1,000.00	990.92	1,030.92	1,030.92	5.40	34.40	-138.12	1,394.22	-4,387.29	4,682.51	4,642.77	39.74	117.830		
1,100.00	1,088.56	1,128.56	1,128.56	5.80	37.80	-138.29	1,394.22	-4,387.29	4,698.79	4,655.28	43.51	107.997		
1,200.00	1,186.19	1,226.19	1,226.19	6.21	41.19	-138.46	1,394.22	-4,387.29	4,715.11	4,667.82	47.29	99.697		
1,300.00	1,283.83	1,323.83	1,323.83	6.64	44.59	-138.64	1,394.22	-4,387.29	4,731.48	4,680.38	51.09	92.603		
1,400.00	1,381.47	1,421.47	1,421.47	7.08	47.99	-138.81	1,394.22	-4,387.29	4,747.89	4,692.98	54.91	86.474		
1,500.00	1,479.10	1,519.10	1,519.10	7.53	51.39	-138.98	1,394.22	-4,387.29	4,764.34	4,705.61	58.73	81.128		
1,600.00	1,576.74	1,616.74	1,616.74	7.99	54.79	-139.14	1,394.22	-4,387.29	4,780.83	4,718.27	62.55	76.427		
1,700.00	1,674.38	1,714.38	1,714.38	8.45	58.20	-139.31	1,394.22	-4,387.29	4,797.36	4,730.97	66.39	72.261		
1,800.00	1,772.02	1,812.02	1,812.02	8.92	61.60	-139.48	1,394.22	-4,387.29	4,813.93	4,743.70	70.23	68.546		
1,900.00	1,869.65	1,909.65	1,909.65	9.39	65.00	-139.64	1,394.22	-4,387.29	4,830.54	4,756.47	74.07	65.213		
2,000.00	1,967.29	2,007.29	2,007.29	9.87	68.41	-139.81	1,394.22	-4,387.29	4,847.19	4,769.27	77.92	62.205		
2,100.00	2,064.93	2,104.93	2,104.93	10.35	71.81	-139.97	1,394.22	-4,387.29	4,863.88	4,782.10	81.77	59.479		
2,200.00	2,162.56	2,202.56	2,202.56	10.83	75.22	-140.13	1,394.22	-4,387.29	4,880.61	4,794.98	85.63	56.997		
2,300.00	2,260.20	2,300.20	2,300.20	11.32	78.62	-140.29	1,394.22	-4,387.29	4,897.37	4,807.89	89.49	54.727		
2,400.00	2,357.84	2,402.16	2,397.84	11.80	82.18	-140.45	1,394.22	-4,387.29	4,914.18	4,820.68	93.50	52.560		
2,500.00	2,455.48	2,504.52	2,495.48	12.29	85.75	-140.61	1,394.22	-4,387.29	4,931.02	4,833.49	97.52	50.562		
2,600.00	2,553.11	2,606.89	2,593.11	12.78	89.32	-140.77	1,394.22	-4,387.29	4,947.90	4,846.35	101.55	48.723		
2,700.00	2,650.75	2,709.25	2,690.75	13.27	92.89	-140.92	1,394.22	-4,387.29	4,964.81	4,859.23	105.58	47.024		
2,800.00	2,748.39	2,788.39	2,788.39	13.77	95.65	-141.08	1,394.22	-4,387.29	4,981.76	4,872.96	108.80	45.788		
2,900.00	2,846.02	2,886.02	2,886.02	14.26	99.06	-141.23	1,394.22	-4,387.29	4,998.75	4,886.08	112.67	44.367		
3,000.00	2,943.66	2,983.66	2,983.66	14.76	102.47	-141.38	1,394.22	-4,387.29	5,015.77	4,899.24	116.54	43.040		
3,100.00	3,041.30	3,081.30	3,081.30	15.25	105.87	-141.54	1,394.22	-4,387.29	5,032.83	4,912.43	120.41	41.799		
3,200.00	3,138.94	3,178.94	3,178.94	15.75	109.28	-141.69	1,394.22	-4,387.29	5,049.93	4,925.65	124.28	40.635		
3,300.00	3,236.57	3,276.57	3,276.57	16.25	112.69	-141.84	1,394.22	-4,387.29	5,067.05	4,938.91	128.15	39.541		
3,400.00	3,334.21	3,374.21	3,374.21	16.75	116.09	-141.99	1,394.22	-4,387.29	5,084.21	4,952.20	132.02	38.512		
3,500.00	3,431.85	3,471.85	3,471.85	17.25	119.50	-142.14	1,394.22	-4,387.29	5,101.41	4,965.52	135.89	37.541		
3,600.00	3,529.48	3,569.48	3,569.48	17.75	122.91	-142.28	1,394.22	-4,387.29	5,118.64	4,978.88	139.76	36.624		
3,700.00	3,627.12	3,667.12	3,667.12	18.25	126.32	-142.43	1,394.22	-4,387.29	5,135.90	4,992.27	143.63	35.757		
3,800.00	3,724.76	3,764.76	3,764.76	18.75	129.72	-142.57	1,394.22	-4,387.29	5,153.20	5,005.69	147.51	34.935		
3,900.00	3,822.40	3,862.40	3,862.40	19.25	133.13	-142.72	1,394.22	-4,387.29	5,170.52	5,019.14	151.38	34.156		
4,000.00	3,920.03	3,960.03	3,960.03	19.75	136.54	-142.86	1,394.22	-4,387.29	5,187.88	5,032.63	155.26	33.415		
4,100.00	4,017.67	4,057.67	4,057.67	20.25	139.95	-143.00	1,394.22	-4,387.29	5,205.27	5,046.14	159.13	32.711		
4,200.00	4,115.31	4,155.31	4,155.31	20.76	143.35	-143.15	1,394.22	-4,387.29	5,222.70	5,059.69	163.00	32.040		
4,300.00	4,212.94	4,252.94	4,252.94	21.26	146.76	-143.29	1,394.22	-4,387.29	5,240.15	5,073.27	166.88	31.401		
4,400.00	4,310.58	4,350.58	4,350.58	21.76	150.17	-143.43	1,394.22	-4,387.29	5,257.64	5,086.88	170.75	30.791		
4,500.00	4,408.22	4,448.22	4,448.22	22.27	153.58	-143.56	1,394.22	-4,387.29	5,275.15	5,100.52	174.63	30.208		
4,600.00	4,505.86	4,545.86	4,545.86	22.77	156.98	-143.70	1,394.22	-4,387.29	5,292.70	5,114.19	178.50	29.650		
4,700.00	4,603.49	4,643.49	4,643.49	23.28	160.39	-143.84	1,394.22	-4,387.29	5,310.27	5,127.89	182.38	29.116		
4,800.00	4,701.13	4,741.13	4,741.13	23.78	163.80	-143.98	1,394.22	-4,387.29	5,327.88	5,141.62	186.26	28.605		
4,900.00	4,798.77	4,838.77	4,838.77	24.28	167.21	-144.11	1,394.22	-4,387.29	5,345.51	5,155.38	190.13	28.115		
5,000.00	4,896.40	4,936.40	4,936.40	24.79	170.62	-144.24	1,394.22	-4,387.29	5,363.18	5,169.17	194.01	27.644		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,034.04	5,034.04	25.30	174.02	-144.38	1,394.22	-4,387.29	5,380.87	5,182.99	197.88	27.192		
5,200.00	5,091.68	5,131.68	5,131.68	25.80	177.43	-144.51	1,394.22	-4,387.29	5,398.59	5,196.83	201.76	26.757		
5,300.00	5,189.32	5,229.32	5,229.32	26.31	180.84	-144.64	1,394.22	-4,387.29	5,416.34	5,210.70	205.64	26.339		
5,400.00	5,286.95	5,326.95	5,326.95	26.81	184.25	-144.77	1,394.22	-4,387.29	5,434.12	5,224.61	209.51	25.937		
5,500.00	5,384.59	5,424.59	5,424.59	27.32	187.66	-144.90	1,394.22	-4,387.29	5,451.92	5,238.53	213.39	25.549		
5,600.00	5,482.23	5,522.23	5,522.23	27.82	191.06	-145.03	1,394.22	-4,387.29	5,469.76	5,252.49	217.27	25.175		
5,700.00	5,579.87	5,619.87	5,619.87	28.33	194.47	-145.16	1,394.22	-4,387.29	5,487.62	5,266.47	221.14	24.815		
5,800.00	5,677.50	5,717.50	5,717.50	28.84	197.88	-145.29	1,394.22	-4,387.29	5,505.50	5,280.48	225.02	24.467		
5,900.00	5,775.14	5,815.14	5,815.14	29.34	201.29	-145.41	1,394.22	-4,387.29	5,523.42	5,294.52	228.90	24.131		
6,000.00	5,872.78	5,912.78	5,912.78	29.85	204.70	-145.54	1,394.22	-4,387.29	5,541.35	5,308.58	232.77	23.806		
6,100.00	5,970.41	6,010.41	6,010.41	30.36	208.10	-145.67	1,394.22	-4,387.29	5,559.32	5,322.67	236.65	23.492		
6,200.00	6,068.05	6,108.05	6,108.05	30.86	211.51	-145.79	1,394.22	-4,387.29	5,577.31	5,336.79	240.53	23.188		
6,300.00	6,165.69	6,205.69	6,205.69	31.37	214.92	-145.91	1,394.22	-4,387.29	5,595.33	5,350.93	244.40	22.894		
6,400.00	6,263.33	6,303.33	6,303.33	31.88	218.33	-146.04	1,394.22	-4,387.29	5,613.37	5,365.09	248.28	22.609		
6,500.00	6,360.96	6,400.96	6,400.96	32.38	221.74	-146.16	1,394.22	-4,387.29	5,631.44	5,379.28	252.16	22.333		
6,600.00	6,458.60	6,501.40	6,498.60	32.89	225.24	-146.28	1,394.22	-4,387.29	5,649.53	5,393.40	256.13	22.057		
6,628.42	6,486.35	6,526.35	6,526.35	33.04	226.11	-146.31	1,394.22	-4,387.29	5,654.68	5,397.54	257.13	21.991		
6,650.00	6,507.49	6,547.49	6,547.49	33.14	226.85	-142.07	1,394.22	-4,387.29	5,658.23	5,400.26	257.97	21.934		
6,700.00	6,556.88	6,603.12	6,596.88	33.37	228.79	-124.49	1,394.22	-4,387.29	5,663.71	5,403.58	260.14	21.772		
6,750.00	6,606.60	6,646.60	6,646.60	33.58	230.31	-85.95	1,394.22	-4,387.29	5,665.33	5,403.47	261.86	21.635		
6,800.00	6,656.35	6,703.65	6,696.35	33.76	232.30	-43.66	1,394.22	-4,387.29	5,663.06	5,399.03	264.04	21.448		
6,850.00	6,705.83	6,745.83	6,745.83	33.94	233.77	-23.07	1,394.22	-4,387.29	5,656.93	5,391.26	265.67	21.293		
6,900.00	6,754.72	6,805.28	6,794.72	34.12	235.85	-13.48	1,394.22	-4,387.29	5,646.97	5,379.08	267.90	21.079		
6,950.00	6,802.72	6,842.72	6,842.72	34.31	237.16	-8.15	1,394.22	-4,387.29	5,633.24	5,363.91	269.33	20.916		
7,000.00	6,849.54	6,889.54	6,889.54	34.50	238.79	-4.74	1,394.22	-4,387.29	5,615.83	5,344.74	271.08	20.716		
7,050.00	6,894.89	6,934.89	6,934.89	34.71	240.37	-2.30	1,394.22	-4,387.29	5,594.83	5,322.07	272.76	20.512		
7,100.00	6,938.49	6,978.49	6,978.49	34.93	241.90	-0.38	1,394.22	-4,387.29	5,570.39	5,296.02	274.37	20.303		
7,150.00	6,980.07	7,020.07	7,020.07	35.17	243.35	1.25	1,394.22	-4,387.29	5,542.65	5,266.76	275.89	20.090		
7,200.00	7,019.38	7,059.38	7,059.38	35.43	244.72	2.76	1,394.22	-4,387.29	5,511.78	5,234.46	277.32	19.875		
7,250.00	7,056.17	7,103.83	7,096.17	35.71	246.27	4.25	1,394.22	-4,387.29	5,477.97	5,199.06	278.91	19.640		
7,300.00	7,090.21	7,130.21	7,130.21	36.03	247.19	5.83	1,394.22	-4,387.29	5,441.43	5,161.57	279.87	19.443		
7,350.00	7,121.30	7,161.30	7,161.30	36.37	248.28	7.60	1,394.22	-4,387.29	5,402.39	5,121.42	280.98	19.227		
7,400.00	7,149.25	7,189.25	7,189.25	36.75	249.25	9.71	1,394.22	-4,387.29	5,361.09	5,079.13	281.97	19.013		
7,450.00	7,173.87	7,213.87	7,213.87	37.17	250.11	12.36	1,394.22	-4,387.29	5,317.79	5,034.95	282.84	18.802		
7,500.00	7,195.03	7,235.03	7,235.03	37.62	250.85	15.87	1,394.22	-4,387.29	5,272.75	4,989.17	283.58	18.593		
7,550.00	7,212.58	7,252.58	7,252.58	38.11	251.46	20.81	1,394.22	-4,387.29	5,226.25	4,942.05	284.20	18.389		
7,600.00	7,226.43	7,266.43	7,266.43	38.64	251.95	28.24	1,394.22	-4,387.29	5,178.59	4,893.89	284.69	18.190		
7,650.00	7,236.48	7,276.48	7,276.48	39.20	252.30	40.19	1,394.22	-4,387.29	5,130.05	4,844.99	285.05	17.997		
7,700.00	7,242.68	7,282.68	7,282.68	39.79	252.51	59.81	1,394.22	-4,387.29	5,080.94	4,795.65	285.29	17.810		
7,753.32	7,245.00	7,285.00	7,285.00	40.44	252.60	89.35	1,394.22	-4,387.29	5,028.28	4,742.89	285.39	17.619		
7,800.00	7,245.08	7,285.08	7,285.08	41.04	252.60	89.35	1,394.22	-4,387.29	4,982.16	4,696.74	285.42	17.456		
7,900.00	7,245.26	7,285.26	7,285.26	42.43	252.60	89.37	1,394.22	-4,387.29	4,883.40	4,597.91	285.49	17.105		
8,000.00	7,245.43	7,285.43	7,285.43	43.97	252.61	89.38	1,394.22	-4,387.29	4,784.69	4,499.11	285.58	16.755		
8,100.00	7,245.61	7,285.61	7,285.61	45.64	252.62	89.39	1,394.22	-4,387.29	4,686.03	4,400.36	285.67	16.404		
8,200.00	7,245.79	7,285.79	7,285.79	47.42	252.62	89.41	1,394.22	-4,387.29	4,587.43	4,301.65	285.78	16.052		
8,300.00	7,245.97	7,285.97	7,285.97	49.30	252.63	89.42	1,394.22	-4,387.29	4,488.90	4,202.99	285.91	15.700		
8,400.00	7,246.14	7,286.14	7,286.14	51.28	252.64	89.43	1,394.22	-4,387.29	4,390.43	4,104.37	286.06	15.348		
8,500.00	7,246.32	7,286.32	7,286.32	53.34	252.64	89.45	1,394.22	-4,387.29	4,292.03	4,005.81	286.22	14.996		
8,600.00	7,246.50	7,286.50	7,286.50	55.46	252.65	89.46	1,394.22	-4,387.29	4,193.70	3,907.30	286.41	14.643		
8,700.00	7,246.67	7,286.67	7,286.67	57.66	252.65	89.47	1,394.22	-4,387.29	4,095.46	3,808.84	286.62	14.289		
8,800.00	7,246.85	7,286.85	7,286.85	59.90	252.66	89.49	1,394.22	-4,387.29	3,997.30	3,710.45	286.85	13.935		
8,900.00	7,247.03	7,287.03	7,287.03	62.20	252.67	89.50	1,394.22	-4,387.29	3,899.24	3,612.13	287.11	13.581		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,287.21	7,287.21	64.55	252.67	89.51	1,394.22	-4,387.29	3,801.28	3,513.87	287.41	13.226		
9,100.00	7,247.38	7,287.38	7,287.38	66.93	252.68	89.52	1,394.22	-4,387.29	3,703.43	3,415.69	287.74	12.871		
9,200.00	7,247.56	7,287.56	7,287.56	69.35	252.68	89.54	1,394.22	-4,387.29	3,605.69	3,317.58	288.11	12.515		
9,300.00	7,247.74	7,287.74	7,287.74	71.80	252.69	89.55	1,394.22	-4,387.29	3,508.09	3,219.57	288.52	12.159		
9,400.00	7,247.91	7,287.91	7,287.91	74.29	252.70	89.56	1,394.22	-4,387.29	3,410.62	3,121.64	288.98	11.802		
9,500.00	7,248.09	7,288.09	7,288.09	76.79	252.70	89.58	1,394.22	-4,387.29	3,313.30	3,023.81	289.49	11.445		
9,600.00	7,248.27	7,288.27	7,288.27	79.33	252.71	89.59	1,394.22	-4,387.29	3,216.15	2,926.09	290.06	11.088		
9,700.00	7,248.45	7,288.45	7,288.45	81.88	252.72	89.60	1,394.22	-4,387.29	3,119.18	2,828.48	290.70	10.730		
9,800.00	7,248.62	7,288.62	7,288.62	84.45	252.72	89.62	1,394.22	-4,387.29	3,022.40	2,731.00	291.40	10.372		
9,900.00	7,248.80	7,288.80	7,288.80	87.04	252.73	89.63	1,394.22	-4,387.29	2,925.85	2,633.65	292.19	10.013		
10,000.00	7,248.98	7,288.98	7,288.98	89.65	252.73	89.64	1,394.22	-4,387.29	2,829.53	2,536.46	293.07	9.655		
10,100.00	7,249.15	7,289.15	7,289.15	92.28	252.74	89.66	1,394.22	-4,387.29	2,733.47	2,439.43	294.04	9.296		
10,200.00	7,249.33	7,289.33	7,289.33	94.91	252.75	89.67	1,394.22	-4,387.29	2,637.71	2,342.58	295.13	8.938		
10,300.00	7,249.51	7,289.51	7,289.51	97.56	252.75	89.68	1,394.22	-4,387.29	2,542.28	2,245.94	296.34	8.579		
10,400.00	7,249.69	7,289.69	7,289.69	100.22	252.76	89.70	1,394.22	-4,387.29	2,447.21	2,149.52	297.68	8.221		
10,500.00	7,249.86	7,289.86	7,289.86	102.89	252.77	89.71	1,394.22	-4,387.29	2,352.54	2,053.36	299.19	7.863		
10,600.00	7,250.04	7,309.96	7,290.04	105.57	253.47	89.72	1,394.22	-4,387.29	2,258.34	1,956.78	301.56	7.489		
10,700.00	7,250.22	7,309.78	7,290.22	108.27	253.46	89.73	1,394.22	-4,387.29	2,164.66	1,861.24	303.42	7.134		
10,800.00	7,250.39	7,309.61	7,290.39	110.96	253.45	89.75	1,394.22	-4,387.29	2,071.57	1,766.08	305.49	6.781		
10,900.00	7,250.57	7,309.43	7,290.57	113.67	253.45	89.76	1,394.22	-4,387.29	1,979.15	1,671.34	307.82	6.430		
11,000.00	7,250.75	7,309.25	7,290.75	116.39	253.44	89.77	1,394.22	-4,387.29	1,887.51	1,577.09	310.42	6.081		
11,100.00	7,250.93	7,309.07	7,290.93	119.11	253.44	89.79	1,394.22	-4,387.29	1,796.76	1,483.43	313.33	5.734		
11,200.00	7,251.10	7,308.90	7,291.10	121.83	253.43	89.80	1,394.22	-4,387.29	1,707.04	1,390.44	316.60	5.392		
11,300.00	7,251.28	7,308.72	7,291.28	124.57	253.42	89.81	1,394.22	-4,387.29	1,618.53	1,298.27	320.27	5.054		
11,400.00	7,251.46	7,308.54	7,291.46	127.31	253.42	89.83	1,394.22	-4,387.29	1,531.43	1,207.05	324.38	4.721		
11,500.00	7,251.63	7,308.37	7,291.63	130.05	253.41	89.84	1,394.22	-4,387.29	1,446.01	1,117.01	329.00	4.395		
11,600.00	7,251.81	7,308.19	7,291.81	132.80	253.41	89.85	1,394.22	-4,387.29	1,362.57	1,028.39	334.17	4.077		
11,700.00	7,251.99	7,308.01	7,291.99	135.55	253.40	89.87	1,394.22	-4,387.29	1,281.50	941.53	339.97	3.769		
11,800.00	7,252.17	7,307.83	7,292.17	138.31	253.39	89.88	1,394.22	-4,387.29	1,203.28	856.85	346.43	3.473		
11,900.00	7,252.34	7,307.66	7,292.34	141.07	253.39	89.89	1,394.22	-4,387.29	1,128.51	774.90	353.60	3.191		
12,000.00	7,252.52	7,307.48	7,292.52	143.84	253.38	89.91	1,394.22	-4,387.29	1,057.91	696.43	361.48	2.927		
12,100.00	7,252.70	7,307.30	7,292.70	146.61	253.37	89.92	1,394.22	-4,387.29	992.38	622.38	370.00	2.682		
12,200.00	7,252.87	7,307.13	7,292.87	149.38	253.37	89.93	1,394.22	-4,387.29	932.99	553.97	379.02	2.462		
12,300.00	7,253.05	7,306.95	7,293.05	152.16	253.36	89.94	1,394.22	-4,387.29	880.98	492.71	388.26	2.269		
12,400.00	7,253.23	7,306.77	7,293.23	154.94	253.36	89.96	1,394.22	-4,387.29	837.71	440.44	397.27	2.109		
12,500.00	7,253.41	7,306.59	7,293.41	157.72	253.35	89.97	1,394.22	-4,387.29	804.62	399.17	405.45	1.985		
12,600.00	7,253.58	7,306.42	7,293.58	160.51	253.34	89.98	1,394.22	-4,387.29	782.98	370.88	412.10	1.900		
12,700.00	7,253.76	7,306.24	7,293.76	163.29	253.34	90.00	1,394.22	-4,387.29	773.76	357.17	416.59	1.857		
12,721.77	7,253.80	7,306.20	7,293.80	163.90	253.34	90.00	1,394.22	-4,387.29	773.45	356.22	417.24	1.854 CC, ES, SF		
12,800.00	7,253.94	7,306.06	7,293.94	166.08	253.33	90.01	1,394.22	-4,387.29	777.40	358.87	418.53	1.857		
12,900.00	7,254.11	7,305.89	7,294.11	168.88	253.32	90.02	1,394.22	-4,387.29	793.73	375.83	417.90	1.899		
13,000.00	7,254.29	7,305.71	7,294.29	171.67	253.32	90.04	1,394.22	-4,387.29	821.98	406.96	415.01	1.981		
13,100.00	7,254.47	7,305.53	7,294.47	174.47	253.31	90.05	1,394.22	-4,387.29	860.98	450.55	410.43	2.098		
13,200.00	7,254.65	7,305.35	7,294.65	177.27	253.31	90.06	1,394.22	-4,387.29	909.36	504.61	404.75	2.247		
13,300.00	7,254.82	7,305.18	7,294.82	180.07	253.30	90.08	1,394.22	-4,387.29	965.70	567.18	398.52	2.423		
13,400.00	7,255.00	7,305.00	7,295.00	182.87	253.29	90.09	1,394.22	-4,387.29	1,028.70	636.56	392.14	2.623		
13,500.00	7,255.18	7,304.82	7,295.18	185.67	253.29	90.10	1,394.22	-4,387.29	1,097.21	711.32	385.89	2.843		
13,600.00	7,255.35	7,304.65	7,295.35	188.48	253.28	90.12	1,394.22	-4,387.29	1,170.27	790.33	379.94	3.080		
13,700.00	7,255.53	7,304.47	7,295.53	191.29	253.28	90.13	1,394.22	-4,387.29	1,247.07	872.69	374.37	3.331		
13,800.00	7,255.71	7,304.29	7,295.71	194.10	253.27	90.14	1,394.22	-4,387.29	1,326.96	957.73	369.23	3.594		
13,900.00	7,255.89	7,304.11	7,295.89	196.91	253.26	90.15	1,394.22	-4,387.29	1,409.42	1,044.92	364.50	3.867		
14,000.00	7,256.06	7,303.94	7,296.06	199.72	253.26	90.17	1,394.22	-4,387.29	1,494.02	1,133.84	360.18	4.148		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,303.76	7,296.24	202.53	253.25	90.18	1,394.22	-4,387.29	1,580.43	1,224.18	356.25	4.436		
14,200.00	7,256.42	7,303.58	7,296.42	205.35	253.24	90.19	1,394.22	-4,387.29	1,668.35	1,315.70	352.66	4.731		
14,300.00	7,256.59	7,303.41	7,296.59	208.16	253.24	90.21	1,394.22	-4,387.29	1,757.57	1,408.18	349.38	5.030		
14,400.00	7,256.77	7,303.23	7,296.77	210.98	253.23	90.22	1,394.22	-4,387.29	1,847.89	1,501.49	346.40	5.335		
14,500.00	7,256.95	7,303.05	7,296.95	213.80	253.23	90.23	1,394.22	-4,387.29	1,939.16	1,595.49	343.67	5.643		
14,600.00	7,257.13	7,302.87	7,297.13	216.62	253.22	90.25	1,394.22	-4,387.29	2,031.25	1,690.08	341.17	5.954		
14,700.00	7,257.30	7,302.70	7,297.30	219.44	253.21	90.26	1,394.22	-4,387.29	2,124.06	1,785.18	338.88	6.268		
14,800.00	7,257.48	7,302.52	7,297.48	222.26	253.21	90.27	1,394.22	-4,387.29	2,217.49	1,880.71	336.78	6.584		
14,900.00	7,257.66	7,302.34	7,297.66	225.08	253.20	90.29	1,394.22	-4,387.29	2,311.48	1,976.63	334.85	6.903		
15,000.00	7,257.83	7,302.17	7,297.83	227.91	253.19	90.30	1,394.22	-4,387.29	2,405.94	2,072.88	333.07	7.224		
15,100.00	7,258.01	7,301.99	7,298.01	230.73	253.19	90.31	1,394.22	-4,387.29	2,500.84	2,169.42	331.42	7.546		
15,200.00	7,258.19	7,301.81	7,298.19	233.56	253.18	90.33	1,394.22	-4,387.29	2,596.12	2,266.22	329.90	7.869		
15,300.00	7,258.37	7,301.63	7,298.37	236.38	253.18	90.34	1,394.22	-4,387.29	2,691.75	2,363.26	328.49	8.194		
15,400.00	7,258.54	7,301.46	7,298.54	239.21	253.17	90.35	1,394.22	-4,387.29	2,787.68	2,460.50	327.18	8.520		
15,500.00	7,258.72	7,301.28	7,298.72	242.04	253.16	90.36	1,394.22	-4,387.29	2,883.88	2,557.92	325.96	8.847		
15,600.00	7,258.90	7,301.10	7,298.90	244.87	253.16	90.38	1,394.22	-4,387.29	2,980.34	2,655.51	324.83	9.175		
15,700.00	7,259.08	7,300.93	7,299.08	247.70	253.15	90.39	1,394.22	-4,387.29	3,077.02	2,753.25	323.78	9.504		
15,800.00	7,259.25	7,300.75	7,299.25	250.53	253.15	90.40	1,394.22	-4,387.29	3,173.91	2,851.12	322.79	9.833		
15,900.00	7,259.43	7,300.57	7,299.43	253.36	253.14	90.42	1,394.22	-4,387.29	3,270.99	2,949.12	321.87	10.163		
16,000.00	7,259.61	7,300.39	7,299.61	256.19	253.13	90.43	1,394.22	-4,387.29	3,368.24	3,047.23	321.00	10.493		
16,100.00	7,259.78	7,300.22	7,299.78	259.02	253.13	90.44	1,394.22	-4,387.29	3,465.64	3,145.44	320.20	10.823		
16,200.00	7,259.96	7,300.04	7,299.96	261.85	253.12	90.46	1,394.22	-4,387.29	3,563.19	3,243.75	319.44	11.155		
16,300.00	7,260.14	7,300.14	7,300.14	264.68	253.12	90.47	1,394.22	-4,387.29	3,660.87	3,342.13	318.74	11.486		
16,400.00	7,260.32	7,300.32	7,300.32	267.52	253.13	90.48	1,394.22	-4,387.29	3,758.67	3,440.59	318.08	11.817		
16,500.00	7,260.49	7,300.49	7,300.49	270.35	253.14	90.50	1,394.22	-4,387.29	3,856.58	3,539.12	317.46	12.148		
16,600.00	7,260.67	7,300.67	7,300.67	273.19	253.14	90.51	1,394.22	-4,387.29	3,954.60	3,637.72	316.88	12.480		
16,700.00	7,260.85	7,300.85	7,300.85	276.02	253.15	90.52	1,394.22	-4,387.29	4,052.72	3,736.39	316.33	12.812		
16,800.00	7,261.02	7,301.02	7,301.02	278.86	253.15	90.54	1,394.22	-4,387.29	4,150.92	3,835.11	315.82	13.143		
16,900.00	7,261.20	7,301.20	7,301.20	281.69	253.16	90.55	1,394.22	-4,387.29	4,249.21	3,933.88	315.33	13.475		
17,000.00	7,261.38	7,301.38	7,301.38	284.53	253.17	90.56	1,394.22	-4,387.29	4,347.58	4,032.70	314.88	13.807		
17,100.00	7,261.56	7,301.56	7,301.56	287.37	253.17	90.57	1,394.22	-4,387.29	4,446.02	4,131.58	314.45	14.139		
17,200.00	7,261.73	7,301.73	7,301.73	290.21	253.18	90.59	1,394.22	-4,387.29	4,544.53	4,230.49	314.04	14.471		
17,300.00	7,261.91	7,301.91	7,301.91	293.04	253.19	90.60	1,394.22	-4,387.29	4,643.10	4,329.45	313.66	14.803		
17,400.00	7,262.09	7,302.09	7,302.09	295.88	253.19	90.61	1,394.22	-4,387.29	4,741.73	4,428.44	313.29	15.135		
17,500.00	7,262.26	7,302.26	7,302.26	298.72	253.20	90.63	1,394.22	-4,387.29	4,840.42	4,527.47	312.95	15.467		
17,600.00	7,262.44	7,302.44	7,302.44	301.56	253.20	90.64	1,394.22	-4,387.29	4,939.16	4,626.54	312.63	15.799		
17,700.00	7,262.62	7,302.62	7,302.62	304.40	253.21	90.65	1,394.22	-4,387.29	5,037.95	4,725.63	312.32	16.131		
17,800.00	7,262.80	7,302.80	7,302.80	307.24	253.22	90.67	1,394.22	-4,387.29	5,136.79	4,824.76	312.03	16.462		
17,900.00	7,262.97	7,302.97	7,302.97	310.08	253.22	90.68	1,394.22	-4,387.29	5,235.67	4,923.91	311.76	16.794		
18,000.00	7,263.15	7,303.15	7,303.15	312.92	253.23	90.69	1,394.22	-4,387.29	5,334.59	5,023.09	311.50	17.125		
18,100.00	7,263.33	7,303.33	7,303.33	315.76	253.24	90.71	1,394.22	-4,387.29	5,433.56	5,122.30	311.26	17.457		
18,200.00	7,263.50	7,303.50	7,303.50	318.61	253.24	90.72	1,394.22	-4,387.29	5,532.56	5,221.53	311.03	17.788		
18,300.00	7,263.68	7,303.68	7,303.68	321.45	253.25	90.73	1,394.22	-4,387.29	5,631.59	5,320.78	310.81	18.119		
18,400.00	7,263.86	7,303.86	7,303.86	324.29	253.25	90.75	1,394.22	-4,387.29	5,730.66	5,420.06	310.61	18.450		
18,500.00	7,264.04	7,304.04	7,304.04	327.13	253.26	90.76	1,394.22	-4,387.29	5,829.76	5,519.35	310.41	18.781		
18,600.00	7,264.21	7,304.21	7,304.21	329.97	253.27	90.77	1,394.22	-4,387.29	5,928.89	5,618.66	310.23	19.111		
18,700.00	7,264.39	7,304.39	7,304.39	332.82	253.27	90.78	1,394.22	-4,387.29	6,028.05	5,717.99	310.06	19.442		
18,800.00	7,264.57	7,304.57	7,304.57	335.66	253.28	90.80	1,394.22	-4,387.29	6,127.24	5,817.34	309.89	19.772		
18,900.00	7,264.74	7,304.74	7,304.74	338.51	253.28	90.81	1,394.22	-4,387.29	6,226.45	5,916.71	309.74	20.102		
19,000.00	7,264.92	7,304.92	7,304.92	341.35	253.29	90.82	1,394.22	-4,387.29	6,325.69	6,016.09	309.60	20.432		
19,044.52	7,265.00	7,305.00	7,305.00	342.62	253.29	90.83	1,394.22	-4,387.29	6,369.88	6,060.34	309.54	20.579		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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-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	164.78	-3,751.60	1,020.49	3,887.92					
100.00	100.00	78.06	78.06	3.28	3.28	164.79	-3,751.85	1,020.18	3,888.11	3,881.54	6.57	591.863		
200.00	200.00	167.66	167.65	3.34	3.32	164.80	-3,752.58	1,019.44	3,888.67	3,882.01	6.66	584.079		
300.00	299.98	291.64	291.63	3.44	3.44	99.27	-3,753.27	1,019.19	3,889.47	3,882.58	6.89	564.839		
400.00	399.84	384.53	384.52	3.60	3.58	99.32	-3,753.32	1,019.37	3,890.43	3,883.24	7.18	541.692		
500.00	499.45	491.53	491.52	3.81	3.79	99.42	-3,753.43	1,019.72	3,892.03	3,884.44	7.59	512.564		
600.00	598.70	584.51	584.50	4.06	4.01	99.53	-3,753.42	1,020.16	3,894.17	3,886.11	8.06	483.433		
700.00	697.47	686.82	686.80	4.34	4.28	99.70	-3,753.54	1,020.48	3,897.01	3,888.39	8.61	452.551		
800.00	795.62	794.10	794.09	4.66	4.59	99.93	-3,753.44	1,020.89	3,900.33	3,891.08	9.25	421.859		
824.00	819.08	819.68	819.67	4.75	4.67	99.99	-3,753.37	1,021.02	3,901.19	3,891.79	9.41	414.776		
900.00	893.28	900.39	900.37	5.02	4.92	100.24	-3,753.09	1,021.29	3,903.95	3,894.02	9.93	393.133		
1,000.00	990.92	984.14	984.13	5.40	5.19	100.49	-3,752.92	1,021.46	3,907.76	3,897.18	10.59	369.136		
1,100.00	1,088.56	1,077.18	1,077.17	5.80	5.51	100.78	-3,752.98	1,021.58	3,911.95	3,900.64	11.31	346.011		
1,200.00	1,186.19	1,178.86	1,178.84	6.21	5.86	101.10	-3,753.09	1,021.61	3,916.25	3,904.18	12.08	324.294		
1,300.00	1,283.83	1,269.02	1,269.01	6.64	6.19	101.38	-3,753.17	1,021.61	3,920.66	3,907.83	12.83	305.666		
1,400.00	1,381.47	1,378.23	1,378.21	7.08	6.59	101.71	-3,753.33	1,021.74	3,925.27	3,911.60	13.67	287.191		
1,500.00	1,479.10	1,472.58	1,472.56	7.53	6.93	102.01	-3,753.25	1,021.72	3,929.72	3,915.26	14.47	271.657		
1,600.00	1,576.74	1,572.29	1,572.27	7.99	7.31	102.32	-3,753.33	1,021.48	3,934.41	3,919.12	15.29	257.263		
1,700.00	1,674.38	1,662.09	1,662.08	8.45	7.65	102.60	-3,753.37	1,021.31	3,939.19	3,923.10	16.10	244.745		
1,800.00	1,772.02	1,752.14	1,752.12	8.92	7.99	102.88	-3,753.69	1,021.06	3,944.36	3,927.45	16.91	233.268		
1,900.00	1,869.65	1,845.60	1,845.58	9.39	8.36	103.17	-3,754.15	1,020.63	3,949.75	3,932.00	17.75	222.570		
2,000.00	1,967.29	1,949.25	1,949.23	9.87	8.77	103.49	-3,754.72	1,020.17	3,955.31	3,936.68	18.63	212.293		
2,100.00	2,064.93	2,050.95	2,050.92	10.35	9.17	103.81	-3,755.02	1,019.43	3,960.70	3,941.18	19.51	202.962		
2,200.00	2,162.56	2,151.07	2,151.04	10.83	9.58	104.13	-3,755.45	1,018.48	3,966.29	3,945.89	20.40	194.459		
2,300.00	2,260.20	2,252.49	2,252.45	11.32	9.98	104.46	-3,755.65	1,017.44	3,971.77	3,950.48	21.29	186.564		
2,400.00	2,357.84	2,346.92	2,346.88	11.80	10.37	104.76	-3,755.93	1,016.39	3,977.45	3,955.29	22.16	179.510		
2,500.00	2,455.48	2,445.02	2,444.98	12.29	10.77	105.06	-3,756.18	1,015.56	3,983.25	3,960.21	23.05	172.845		
2,600.00	2,553.11	2,547.10	2,547.05	12.78	11.19	105.38	-3,756.40	1,014.68	3,989.14	3,965.19	23.95	166.537		
2,700.00	2,650.75	2,649.71	2,649.65	13.27	11.61	105.70	-3,756.46	1,013.70	3,994.97	3,970.11	24.87	160.656		
2,800.00	2,748.39	2,750.64	2,750.58	13.77	12.03	106.01	-3,756.42	1,012.94	4,000.86	3,975.08	25.78	155.222		
2,900.00	2,846.02	2,845.98	2,845.92	14.26	12.43	106.31	-3,756.32	1,012.15	4,006.78	3,980.12	26.66	150.280		
3,000.00	2,943.66	2,933.61	2,933.54	14.76	12.79	106.58	-3,756.40	1,011.33	4,013.01	3,985.49	27.52	145.829		
3,100.00	3,041.30	3,024.40	3,024.33	15.25	13.17	106.86	-3,756.70	1,010.64	4,019.59	3,991.20	28.39	141.578		
3,200.00	3,138.94	3,122.86	3,122.79	15.75	13.59	107.16	-3,756.99	1,010.12	4,026.29	3,996.99	29.30	137.420		
3,300.00	3,236.57	3,212.94	3,212.87	16.25	13.96	107.42	-3,757.32	1,010.08	4,033.22	4,003.05	30.17	133.687		
3,400.00	3,334.21	3,312.02	3,311.94	16.75	14.38	107.71	-3,757.75	1,010.06	4,040.32	4,009.24	31.08	129.999		
3,500.00	3,431.85	3,412.45	3,412.38	17.25	14.80	108.01	-3,758.10	1,010.04	4,047.44	4,015.44	32.00	126.489		
3,600.00	3,529.48	3,497.86	3,497.78	17.75	15.16	108.26	-3,758.50	1,010.11	4,054.80	4,021.95	32.85	123.434		
3,700.00	3,627.12	3,606.01	3,605.93	18.25	15.62	108.58	-3,759.08	1,009.89	4,062.30	4,028.49	33.81	120.163		
3,800.00	3,724.76	3,690.13	3,690.05	18.75	15.98	108.82	-3,759.58	1,009.53	4,069.94	4,035.29	34.66	117.435		
3,900.00	3,822.40	3,801.59	3,801.51	19.25	16.45	109.15	-3,760.24	1,009.28	4,077.71	4,042.07	35.63	114.440		
4,000.00	3,920.03	3,905.12	3,905.04	19.75	16.89	109.45	-3,760.56	1,009.19	4,085.30	4,048.73	36.57	111.708		
4,100.00	4,017.67	4,003.34	4,003.25	20.25	17.31	109.73	-3,760.77	1,009.17	4,092.92	4,055.44	37.49	109.186		
4,200.00	4,115.31	4,104.87	4,104.79	20.76	17.74	110.02	-3,760.93	1,009.25	4,100.59	4,062.17	38.41	106.752		
4,300.00	4,212.94	4,203.15	4,203.07	21.26	18.15	110.29	-3,761.01	1,009.56	4,108.30	4,068.98	39.32	104.485		
4,400.00	4,310.58	4,293.73	4,293.64	21.76	18.53	110.55	-3,761.15	1,009.92	4,116.18	4,075.99	40.19	102.412		
4,500.00	4,408.22	4,396.04	4,395.96	22.27	18.96	110.83	-3,761.35	1,010.42	4,124.20	4,083.08	41.12	100.298		
4,600.00	4,505.86	4,486.37	4,486.28	22.77	19.33	111.07	-3,761.53	1,010.98	4,132.33	4,090.34	41.99	98.407		
4,700.00	4,603.49	4,580.27	4,580.18	23.28	19.73	111.33	-3,761.87	1,011.38	4,140.69	4,097.81	42.88	96.555		
4,800.00	4,701.13	4,678.40	4,678.31	23.78	20.15	111.60	-3,762.27	1,011.75	4,149.19	4,105.40	43.80	94.735		
4,900.00	4,798.77	4,759.06	4,758.97	24.28	20.49	111.82	-3,762.70	1,012.10	4,157.93	4,113.30	44.63	93.164		
5,000.00	4,896.40	4,843.35	4,843.26	24.79	20.85	112.05	-3,763.56	1,012.35	4,167.21	4,121.73	45.48	91.625		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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-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	4,994.04	4,939.21	4,939.11	25.30	21.26	112.32	-3,764.68	1,012.34	4,176.72	4,130.33	46.39	90.038		
5,200.00	5,091.68	5,042.60	5,042.49	25.80	21.71	112.60	-3,765.86	1,012.10	4,186.30	4,138.97	47.33	88.444		
5,300.00	5,189.32	5,145.72	5,145.60	26.31	22.15	112.89	-3,766.81	1,011.60	4,195.75	4,147.48	48.28	86.912		
5,400.00	5,286.95	5,246.35	5,246.23	26.81	22.59	113.17	-3,767.74	1,011.29	4,205.31	4,156.10	49.21	85.461		
5,500.00	5,384.59	5,359.16	5,359.04	27.32	23.07	113.48	-3,768.47	1,011.22	4,214.70	4,164.50	50.20	83.962		
5,600.00	5,482.23	5,477.68	5,477.55	27.82	23.58	113.80	-3,768.75	1,011.13	4,223.78	4,172.57	51.21	82.479		
5,700.00	5,579.87	5,562.56	5,562.44	28.33	23.94	114.03	-3,768.77	1,010.87	4,232.76	4,180.70	52.06	81.303		
5,800.00	5,677.50	5,668.70	5,668.58	28.84	24.39	114.32	-3,769.11	1,010.72	4,242.13	4,189.11	53.01	80.024		
5,900.00	5,775.14	5,770.06	5,769.93	29.34	24.81	114.59	-3,769.05	1,010.84	4,251.19	4,197.25	53.93	78.826		
6,000.00	5,872.78	5,859.00	5,858.88	29.85	25.19	114.82	-3,769.12	1,011.15	4,260.47	4,205.67	54.80	77.750		
6,100.00	5,970.41	5,964.27	5,964.15	30.36	25.63	115.09	-3,769.32	1,011.37	4,269.96	4,214.22	55.74	76.604		
6,200.00	6,068.05	6,056.81	6,056.68	30.86	26.02	115.34	-3,769.29	1,011.43	4,279.32	4,222.70	56.62	75.577		
6,300.00	6,165.69	6,156.65	6,156.52	31.37	26.44	115.59	-3,769.51	1,011.64	4,289.01	4,231.47	57.54	74.541		
6,400.00	6,263.33	6,266.20	6,266.08	31.88	26.89	115.88	-3,769.40	1,011.85	4,298.46	4,239.96	58.50	73.480		
6,500.00	6,360.96	6,376.35	6,376.22	32.38	27.35	116.16	-3,769.05	1,012.19	4,307.80	4,248.34	59.46	72.451		
6,600.00	6,458.60	6,466.62	6,466.49	32.89	27.73	116.39	-3,768.63	1,012.28	4,317.08	4,256.76	60.32	71.565		
6,628.42	6,486.35	6,490.53	6,490.40	33.04	27.82	116.45	-3,768.57	1,012.33	4,319.79	4,259.22	60.56	71.328		
6,650.00	6,507.49	6,510.74	6,510.61	33.14	27.91	121.00	-3,768.53	1,012.39	4,321.85	4,261.10	60.75	71.141		
6,700.00	6,556.88	6,563.01	6,562.88	33.37	28.13	139.22	-3,768.40	1,012.47	4,326.53	4,265.34	61.20	70.701		
6,750.00	6,606.60	6,621.79	6,621.66	33.58	28.37	178.27	-3,768.20	1,012.47	4,331.03	4,269.38	61.65	70.253		
6,800.00	6,656.35	6,695.24	6,695.10	33.76	28.67	-139.09	-3,767.65	1,012.46	4,335.14	4,272.98	62.16	69.747		
6,850.00	6,705.83	6,750.20	6,750.07	33.94	28.90	-118.30	-3,767.04	1,012.49	4,338.87	4,276.30	62.57	69.342		
6,900.00	6,754.72	6,803.27	6,803.13	34.12	29.12	-108.63	-3,766.40	1,012.54	4,342.35	4,279.36	62.98	68.943		
6,950.00	6,802.72	6,848.49	6,848.35	34.31	29.31	-103.34	-3,765.86	1,012.69	4,345.62	4,282.25	63.37	68.576		
7,000.00	6,849.54	6,907.56	6,892.29	34.50	29.56	-100.09	-3,765.36	1,012.96	4,348.73	4,284.91	63.82	68.138		
7,050.00	6,894.89	6,937.65	6,937.50	34.71	29.68	-97.95	-3,764.86	1,013.35	4,351.70	4,287.53	64.17	67.816		
7,100.00	6,938.49	6,981.09	6,980.93	34.93	29.87	-96.47	-3,764.39	1,013.71	4,354.55	4,289.96	64.59	67.420		
7,150.00	6,980.07	7,022.48	7,022.32	35.17	30.04	-95.41	-3,763.94	1,014.06	4,357.30	4,292.29	65.02	67.017		
7,200.00	7,019.38	7,061.56	7,061.40	35.43	30.20	-94.63	-3,763.51	1,014.39	4,360.02	4,294.56	65.46	66.607		
7,250.00	7,056.17	7,098.10	7,097.93	35.71	30.36	-94.06	-3,763.11	1,014.70	4,362.74	4,296.82	65.92	66.186		
7,300.00	7,090.21	7,131.86	7,131.70	36.03	30.50	-93.61	-3,762.72	1,014.99	4,365.51	4,299.12	66.39	65.754		
7,350.00	7,121.30	7,162.65	7,162.48	36.37	30.63	-93.25	-3,762.41	1,015.25	4,368.39	4,301.51	66.89	65.311		
7,400.00	7,149.25	7,190.27	7,190.10	36.75	30.74	-92.94	-3,762.10	1,015.48	4,371.43	4,304.02	67.40	64.855		
7,450.00	7,173.87	7,214.55	7,214.38	37.17	30.84	-92.66	-3,761.84	1,015.69	4,374.65	4,306.71	67.94	64.387		
7,500.00	7,195.03	7,235.35	7,235.17	37.62	30.93	-92.39	-3,761.61	1,015.86	4,378.11	4,309.61	68.51	63.909		
7,550.00	7,212.58	7,252.52	7,252.34	38.11	31.00	-92.10	-3,761.43	1,016.01	4,381.83	4,312.74	69.09	63.424		
7,600.00	7,226.43	7,265.98	7,265.80	38.64	31.06	-91.79	-3,761.28	1,016.12	4,385.83	4,316.14	69.69	62.934		
7,650.00	7,236.48	7,275.63	7,275.44	39.20	31.10	-91.44	-3,761.17	1,016.20	4,390.11	4,319.81	70.30	62.445		
7,700.00	7,242.68	7,281.41	7,281.22	39.79	31.12	-91.05	-3,761.11	1,016.25	4,394.68	4,323.76	70.93	61.962		
7,753.32	7,245.00	7,283.28	7,283.09	40.44	31.13	-90.59	-3,761.09	1,016.27	4,399.86	4,328.27	71.59	61.461		
7,800.00	7,245.08	7,282.97	7,282.78	41.04	31.13	-90.58	-3,761.09	1,016.27	4,404.76	4,332.58	72.18	61.024		
7,900.00	7,245.26	7,282.30	7,282.11	42.43	31.13	-90.57	-3,761.10	1,016.26	4,416.91	4,343.35	73.55	60.051		
8,000.00	7,245.43	7,281.63	7,281.45	43.97	31.12	-90.57	-3,761.11	1,016.25	4,431.28	4,356.24	75.04	59.053		
8,100.00	7,245.61	7,280.96	7,280.78	45.64	31.12	-90.56	-3,761.12	1,016.25	4,447.85	4,371.22	76.62	58.048		
8,200.00	7,245.79	7,280.30	7,280.11	47.42	31.12	-90.55	-3,761.12	1,016.24	4,466.60	4,388.31	78.29	57.054		
8,300.00	7,245.97	7,279.63	7,279.44	49.30	31.12	-90.54	-3,761.13	1,016.24	4,487.50	4,407.48	80.02	56.083		
8,400.00	7,246.14	7,278.96	7,278.78	51.28	31.11	-90.53	-3,761.14	1,016.23	4,510.52	4,428.72	81.79	55.146		
8,500.00	7,246.32	7,278.29	7,278.11	53.34	31.11	-90.52	-3,761.14	1,016.23	4,535.62	4,452.02	83.61	54.250		
8,600.00	7,246.50	7,277.63	7,277.44	55.46	31.11	-90.51	-3,761.15	1,016.22	4,562.79	4,477.34	85.44	53.401		
8,700.00	7,246.67	7,276.96	7,276.77	57.66	31.10	-90.50	-3,761.16	1,016.21	4,591.97	4,504.67	87.29	52.603		
8,800.00	7,246.85	7,276.29	7,276.11	59.90	31.10	-90.50	-3,761.17	1,016.21	4,623.13	4,533.97	89.15	51.857		
8,900.00	7,247.03	7,275.62	7,275.44	62.20	31.10	-90.49	-3,761.17	1,016.20	4,656.22	4,565.22	91.01	51.163		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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-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		
9,000.00	7,247.21	7,274.96	7,274.77	64.55	31.10	-90.48	-3,761.18	1,016.20	4,691.22	4,598.37	92.85	50.524		
9,100.00	7,247.38	7,274.29	7,274.11	66.93	31.09	-90.47	-3,761.19	1,016.19	4,728.07	4,633.39	94.68	49.936		
9,200.00	7,247.56	7,273.62	7,273.44	69.35	31.09	-90.46	-3,761.20	1,016.19	4,766.74	4,670.25	96.49	49.400		
9,300.00	7,247.74	7,272.95	7,272.77	71.80	31.09	-90.45	-3,761.20	1,016.18	4,807.18	4,708.90	98.28	48.914		
9,400.00	7,247.91	7,272.29	7,272.10	74.29	31.09	-90.44	-3,761.21	1,016.18	4,849.34	4,749.30	100.03	48.477		
9,500.00	7,248.09	7,271.62	7,271.44	76.79	31.08	-90.43	-3,761.22	1,016.17	4,893.18	4,791.42	101.76	48.085		
9,600.00	7,248.27	7,270.95	7,270.77	79.33	31.08	-90.43	-3,761.22	1,016.16	4,938.66	4,835.20	103.45	47.738		
9,700.00	7,248.45	7,270.28	7,270.10	81.88	31.08	-90.42	-3,761.23	1,016.16	4,985.72	4,880.61	105.11	47.433		
9,800.00	7,248.62	7,269.62	7,269.43	84.45	31.07	-90.41	-3,761.24	1,016.15	5,034.34	4,927.61	106.73	47.169		
9,900.00	7,248.80	7,268.95	7,268.77	87.04	31.07	-90.40	-3,761.25	1,016.15	5,084.46	4,976.14	108.31	46.943		
10,000.00	7,248.98	7,268.28	7,268.10	89.65	31.07	-90.39	-3,761.25	1,016.14	5,136.03	5,026.18	109.85	46.753		
10,100.00	7,249.15	7,267.61	7,267.43	92.28	31.07	-90.38	-3,761.26	1,016.14	5,189.02	5,077.66	111.36	46.599		
10,200.00	7,249.33	7,266.95	7,266.76	94.91	31.06	-90.37	-3,761.27	1,016.13	5,243.38	5,130.56	112.82	46.477		
10,300.00	7,249.51	7,266.28	7,266.10	97.56	31.06	-90.36	-3,761.28	1,016.12	5,299.07	5,184.83	114.24	46.386		
10,400.00	7,249.69	7,265.61	7,265.43	100.22	31.06	-90.36	-3,761.28	1,016.12	5,356.05	5,240.43	115.62	46.324		
10,500.00	7,249.86	7,264.94	7,264.76	102.89	31.05	-90.35	-3,761.29	1,016.11	5,414.28	5,297.32	116.96	46.291		
10,600.00	7,250.04	7,264.28	7,264.09	105.57	31.05	-90.34	-3,761.30	1,016.11	5,473.71	5,355.45	118.26	46.284 SF		
10,700.00	7,250.22	7,263.61	7,263.43	108.27	31.05	-90.33	-3,761.30	1,016.10	5,534.32	5,414.79	119.53	46.302		
10,800.00	7,250.39	7,262.94	7,262.76	110.96	31.05	-90.32	-3,761.31	1,016.10	5,596.05	5,475.30	120.75	46.344		
10,900.00	7,250.57	7,262.27	7,262.09	113.67	31.04	-90.31	-3,761.32	1,016.09	5,658.88	5,536.94	121.94	46.409		
11,000.00	7,250.75	7,261.60	7,261.42	116.39	31.04	-90.30	-3,761.33	1,016.08	5,722.76	5,599.68	123.08	46.495		
11,100.00	7,250.93	7,260.94	7,260.76	119.11	31.04	-90.29	-3,761.33	1,016.08	5,787.67	5,663.47	124.20	46.601		
11,200.00	7,251.10	7,260.27	7,260.09	121.83	31.03	-90.29	-3,761.34	1,016.07	5,853.56	5,728.29	125.27	46.726		
11,300.00	7,251.28	7,259.60	7,259.42	124.57	31.03	-90.28	-3,761.35	1,016.07	5,920.42	5,794.10	126.32	46.870		
11,400.00	7,251.46	7,258.93	7,258.75	127.31	31.03	-90.27	-3,761.36	1,016.06	5,988.19	5,860.87	127.32	47.031		
11,500.00	7,251.63	7,258.27	7,258.09	130.05	31.03	-90.26	-3,761.36	1,016.06	6,056.86	5,928.56	128.30	47.209		
11,600.00	7,251.81	7,257.60	7,257.42	132.80	31.02	-90.25	-3,761.37	1,016.05	6,126.39	5,997.15	129.24	47.402		
11,700.00	7,251.99	7,256.93	7,256.75	135.55	31.02	-90.24	-3,761.38	1,016.05	6,196.75	6,066.60	130.16	47.610		
11,800.00	7,252.17	7,256.26	7,256.08	138.31	31.02	-90.23	-3,761.38	1,016.04	6,267.92	6,136.88	131.04	47.832		
11,900.00	7,252.34	7,255.60	7,255.42	141.07	31.02	-90.23	-3,761.39	1,016.03	6,339.87	6,207.98	131.89	48.068		
12,000.00	7,252.52	7,254.93	7,254.75	143.84	31.01	-90.22	-3,761.40	1,016.03	6,412.57	6,279.85	132.72	48.317		
12,100.00	7,252.70	7,254.26	7,254.08	146.61	31.01	-90.21	-3,761.41	1,016.02	6,486.00	6,352.48	133.52	48.578		
12,200.00	7,252.87	7,253.59	7,253.41	149.38	31.01	-90.20	-3,761.41	1,016.02	6,560.13	6,425.84	134.29	48.850		
12,300.00	7,253.05	7,252.93	7,252.75	152.16	31.00	-90.19	-3,761.42	1,016.01	6,634.94	6,499.90	135.04	49.134		
12,400.00	7,253.23	7,252.26	7,252.08	154.94	31.00	-90.18	-3,761.43	1,016.01	6,710.40	6,574.64	135.76	49.428		
12,500.00	7,253.41	7,251.59	7,251.41	157.72	31.00	-90.17	-3,761.44	1,016.00	6,786.50	6,650.04	136.46	49.732		
12,600.00	7,253.58	7,250.92	7,250.74	160.51	31.00	-90.16	-3,761.44	1,015.99	6,863.21	6,726.07	137.14	50.046		
12,700.00	7,253.76	7,250.26	7,250.08	163.29	30.99	-90.16	-3,761.45	1,015.99	6,940.52	6,802.73	137.79	50.370		
12,800.00	7,253.94	7,249.59	7,249.41	166.08	30.99	-90.15	-3,761.46	1,015.98	7,018.40	6,879.97	138.43	50.702		
12,900.00	7,254.11	7,248.92	7,248.74	168.88	30.99	-90.14	-3,761.46	1,015.98	7,096.83	6,957.79	139.04	51.042		
13,000.00	7,254.29	7,248.25	7,248.07	171.67	30.98	-90.13	-3,761.47	1,015.97	7,175.80	7,036.17	139.63	51.391		
13,100.00	7,254.47	7,247.59	7,247.41	174.47	30.98	-90.12	-3,761.48	1,015.97	7,255.28	7,115.08	140.21	51.747		
13,200.00	7,254.65	7,246.92	7,246.74	177.27	30.98	-90.11	-3,761.49	1,015.96	7,335.27	7,194.51	140.76	52.111		
13,300.00	7,254.82	7,246.25	7,246.07	180.07	30.98	-90.10	-3,761.49	1,015.96	7,415.75	7,274.45	141.30	52.482		
13,400.00	7,255.00	7,245.58	7,245.40	182.87	30.97	-90.09	-3,761.50	1,015.95	7,496.70	7,354.87	141.82	52.859		
13,500.00	7,255.18	7,244.92	7,244.74	185.67	30.97	-90.09	-3,761.51	1,015.94	7,578.10	7,435.77	142.33	53.244		
13,600.00	7,255.35	7,244.25	7,244.07	188.48	30.97	-90.08	-3,761.52	1,015.94	7,659.94	7,517.12	142.82	53.634		
13,700.00	7,255.53	7,243.58	7,243.40	191.29	30.96	-90.07	-3,761.52	1,015.93	7,742.20	7,598.91	143.29	54.030		
13,800.00	7,255.71	7,242.91	7,242.73	194.10	30.96	-90.06	-3,761.53	1,015.93	7,824.88	7,681.13	143.75	54.432		
13,900.00	7,255.89	7,242.25	7,242.07	196.91	30.96	-90.05	-3,761.54	1,015.92	7,907.96	7,763.76	144.20	54.840		
14,000.00	7,256.06	7,241.58	7,241.40	199.72	30.96	-90.04	-3,761.54	1,015.92	7,991.43	7,846.80	144.63	55.253		
14,100.00	7,256.24	7,240.91	7,240.73	202.53	30.95	-90.03	-3,761.55	1,015.91	8,075.27	7,930.22	145.05	55.671		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	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)						
14,200.00	7,256.42	7,240.24	7,240.06	205.35	30.95	-90.02	-3,761.56	1,015.90	8,159.48	8,014.02	145.46	56.094					
14,300.00	7,256.59	7,239.58	7,239.40	208.16	30.95	-90.02	-3,761.57	1,015.90	8,244.04	8,098.18	145.86	56.521					
14,400.00	7,256.77	7,238.91	7,238.73	210.98	30.95	-90.01	-3,761.57	1,015.89	8,328.94	8,182.70	146.24	56.954					
14,500.00	7,256.95	7,238.24	7,238.06	213.80	30.94	-90.00	-3,761.58	1,015.89	8,414.18	8,267.56	146.61	57.390					
14,600.00	7,257.13	7,237.57	7,237.39	216.62	30.94	-89.99	-3,761.59	1,015.88	8,499.73	8,352.76	146.98	57.831					
14,700.00	7,257.30	7,236.91	7,236.73	219.44	30.94	-89.98	-3,761.60	1,015.88	8,585.60	8,438.27	147.33	58.275					
14,800.00	7,257.48	7,236.24	7,236.06	222.26	30.93	-89.97	-3,761.60	1,015.87	8,671.77	8,524.10	147.67	58.724					
14,900.00	7,257.66	7,235.57	7,235.39	225.08	30.93	-89.96	-3,761.61	1,015.86	8,758.24	8,610.23	148.00	59.176					
15,000.00	7,257.83	7,234.90	7,234.72	227.91	30.93	-89.95	-3,761.62	1,015.86	8,844.99	8,696.66	148.33	59.632					
15,100.00	7,258.01	7,234.24	7,234.06	230.73	30.93	-89.95	-3,761.63	1,015.85	8,932.01	8,783.37	148.64	60.091					
15,200.00	7,258.19	7,233.57	7,233.39	233.56	30.92	-89.94	-3,761.63	1,015.85	9,019.31	8,870.36	148.95	60.554					
15,300.00	7,258.37	7,232.90	7,232.72	236.38	30.92	-89.93	-3,761.64	1,015.84	9,106.87	8,957.62	149.24	61.020					
15,400.00	7,258.54	7,232.23	7,232.05	239.21	30.92	-89.92	-3,761.65	1,015.84	9,194.68	9,045.14	149.53	61.489					
15,500.00	7,258.72	7,231.57	7,231.39	242.04	30.91	-89.91	-3,761.65	1,015.83	9,282.73	9,132.92	149.82	61.961					
15,600.00	7,258.90	7,230.90	7,230.72	244.87	30.91	-89.90	-3,761.66	1,015.83	9,371.03	9,220.94	150.09	62.435					
15,700.00	7,259.08	7,230.23	7,230.05	247.70	30.91	-89.89	-3,761.67	1,015.82	9,459.56	9,309.20	150.36	62.913					
15,800.00	7,259.25	7,229.56	7,229.38	250.53	30.91	-89.88	-3,761.68	1,015.81	9,548.32	9,397.70	150.62	63.393					
15,900.00	7,259.43	7,228.90	7,228.72	253.36	30.90	-89.88	-3,761.68	1,015.81	9,637.29	9,486.42	150.87	63.876					
16,000.00	7,259.61	7,228.23	7,228.05	256.19	30.90	-89.87	-3,761.69	1,015.80	9,726.49	9,575.36	151.12	64.361					
16,100.00	7,259.78	7,227.56	7,227.38	259.02	30.90	-89.86	-3,761.70	1,015.80	9,815.88	9,664.52	151.36	64.849					
16,200.00	7,259.96	7,226.89	7,226.71	261.85	30.90	-89.85	-3,761.71	1,015.79	9,905.49	9,753.89	151.60	65.339					
16,300.00	7,260.14	7,226.23	7,226.05	264.68	30.89	-89.84	-3,761.71	1,015.79	9,995.28	9,843.45	151.83	65.832					

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	141.69	-1,245.90	984.23	1,588.17					
100.00	100.00	69.53	69.53	3.28	3.28	141.69	-1,245.84	984.11	1,587.65	1,581.08	6.57	241.720		
200.00	200.00	174.18	174.18	3.34	3.32	141.70	-1,245.55	983.59	1,587.12	1,580.46	6.66	238.295		
300.00	299.98	272.00	271.99	3.44	3.42	76.23	-1,245.20	983.07	1,586.09	1,579.23	6.86	231.238		
400.00	399.84	374.49	374.49	3.60	3.56	76.46	-1,244.88	982.59	1,584.32	1,577.16	7.16	221.172		
500.00	499.45	477.01	477.00	3.81	3.76	76.83	-1,244.37	981.94	1,581.52	1,573.96	7.56	209.195		
600.00	598.70	576.18	576.16	4.06	3.98	77.34	-1,243.79	981.28	1,577.90	1,569.87	8.03	196.508		
700.00	697.47	676.25	676.24	4.34	4.24	77.99	-1,243.24	980.54	1,573.63	1,565.05	8.57	183.589		
800.00	795.62	776.46	776.44	4.66	4.53	78.79	-1,242.69	979.59	1,568.69	1,559.52	9.18	170.951		
824.00	819.08	800.40	800.38	4.75	4.60	79.00	-1,242.56	979.33	1,567.43	1,558.10	9.33	168.006		
900.00	893.28	873.35	873.32	5.02	4.82	79.58	-1,242.15	978.57	1,563.47	1,553.65	9.82	159.139		
1,000.00	990.92	971.53	971.49	5.40	5.14	80.36	-1,241.62	977.57	1,558.57	1,548.05	10.52	148.160		
1,100.00	1,088.56	1,068.43	1,068.39	5.80	5.47	81.15	-1,241.15	976.43	1,553.94	1,542.69	11.24	138.195		
1,200.00	1,186.19	1,165.17	1,165.12	6.21	5.80	81.94	-1,240.67	975.42	1,549.68	1,537.68	12.00	129.173		
1,300.00	1,283.83	1,263.09	1,263.03	6.64	6.16	82.74	-1,240.05	974.53	1,545.70	1,532.91	12.78	120.912		
1,400.00	1,381.47	1,362.62	1,362.55	7.08	6.52	83.54	-1,239.34	973.53	1,541.88	1,528.30	13.58	113.529		
1,500.00	1,479.10	1,459.47	1,459.40	7.53	6.88	84.33	-1,238.74	972.53	1,538.45	1,524.06	14.39	106.892		
1,600.00	1,576.74	1,555.98	1,555.90	7.99	7.25	85.12	-1,238.06	971.69	1,535.35	1,520.13	15.22	100.904		
1,700.00	1,674.38	1,651.18	1,651.09	8.45	7.62	85.90	-1,237.48	970.94	1,532.68	1,516.64	16.05	95.521		
1,800.00	1,772.02	1,749.14	1,749.05	8.92	8.00	86.72	-1,237.14	969.96	1,530.45	1,513.55	16.90	90.585		
1,900.00	1,869.65	1,843.58	1,843.49	9.39	8.37	87.50	-1,236.69	969.05	1,528.46	1,510.72	17.74	86.162		
2,000.00	1,967.29	1,932.39	1,932.30	9.87	8.72	88.23	-1,236.55	968.67	1,527.30	1,508.73	18.57	82.258		
2,100.00	2,064.93	2,024.19	2,024.09	10.35	9.08	88.99	-1,236.87	968.32	1,526.91	1,507.50	19.41	78.662		
2,111.82	2,076.46	2,035.30	2,035.21	10.41	9.13	89.09	-1,236.93	968.28	1,526.91	1,507.39	19.51	78.255 CC		
2,200.00	2,162.56	2,118.86	2,118.76	10.83	9.46	89.78	-1,237.50	967.94	1,527.11	1,506.84	20.27	75.339		
2,300.00	2,260.20	2,216.23	2,216.13	11.32	9.85	90.59	-1,238.16	967.71	1,527.72	1,506.58	21.14	72.252 ES		
2,400.00	2,357.84	2,313.67	2,313.56	11.80	10.24	91.40	-1,238.89	967.33	1,528.65	1,506.63	22.02	69.410		
2,500.00	2,455.48	2,411.03	2,410.92	12.29	10.64	92.22	-1,239.68	966.81	1,529.91	1,507.00	22.91	66.789		
2,600.00	2,553.11	2,507.25	2,507.13	12.78	11.03	93.02	-1,240.45	966.46	1,531.55	1,507.76	23.79	64.384		
2,700.00	2,650.75	2,605.37	2,605.25	13.27	11.43	93.83	-1,241.22	966.20	1,533.52	1,508.84	24.68	62.137		
2,800.00	2,748.39	2,699.77	2,699.65	13.77	11.82	94.61	-1,242.04	965.95	1,535.90	1,510.34	25.56	60.094		
2,900.00	2,846.02	2,801.17	2,801.05	14.26	12.23	95.44	-1,242.87	965.76	1,538.56	1,512.09	26.47	58.126		
3,000.00	2,943.66	2,894.43	2,894.30	14.76	12.62	96.20	-1,243.60	965.71	1,541.55	1,514.20	27.35	56.371		
3,100.00	3,041.30	2,993.15	2,993.02	15.25	13.02	96.99	-1,244.48	965.69	1,544.95	1,516.70	28.25	54.690		
3,200.00	3,138.94	3,090.72	3,090.59	15.75	13.43	97.78	-1,245.32	965.57	1,548.61	1,519.46	29.15	53.127		
3,300.00	3,236.57	3,193.08	3,192.94	16.25	13.85	98.61	-1,246.10	965.30	1,552.43	1,522.36	30.07	51.625		
3,400.00	3,334.21	3,288.94	3,288.80	16.75	14.25	99.38	-1,246.70	965.05	1,556.44	1,525.47	30.97	50.263		
3,500.00	3,431.85	3,379.15	3,379.01	17.25	14.63	100.10	-1,247.51	964.88	1,561.02	1,529.19	31.83	49.036		
3,600.00	3,529.48	3,469.76	3,469.60	17.75	14.97	100.75	-1,248.78	964.87	1,566.59	1,533.93	32.66	47.967		
3,700.00	3,627.12	3,544.47	3,544.28	18.25	15.32	101.40	-1,250.97	965.16	1,573.50	1,540.01	33.49	46.982		
3,800.00	3,724.76	3,636.10	3,635.87	18.75	15.70	102.11	-1,253.86	965.82	1,581.30	1,546.94	34.36	46.017		
3,900.00	3,822.40	3,734.35	3,734.06	19.25	16.11	102.85	-1,257.04	966.64	1,589.48	1,554.21	35.27	45.066		
4,000.00	3,920.03	3,835.60	3,835.26	19.75	16.54	103.61	-1,260.19	967.42	1,597.81	1,561.62	36.19	44.146		
4,100.00	4,017.67	3,937.04	3,936.66	20.25	16.97	104.37	-1,263.05	968.02	1,606.09	1,568.97	37.12	43.269		
4,200.00	4,115.31	4,035.69	4,035.27	20.76	17.38	105.11	-1,265.78	968.43	1,614.57	1,576.54	38.03	42.456		
4,300.00	4,212.94	4,137.48	4,137.03	21.26	17.81	105.86	-1,268.38	968.87	1,623.11	1,584.15	38.96	41.665		
4,400.00	4,310.58	4,238.49	4,238.01	21.76	18.23	106.60	-1,270.72	969.17	1,631.67	1,591.79	39.88	40.915		
4,500.00	4,408.22	4,339.36	4,338.86	22.27	18.66	107.33	-1,272.87	969.51	1,640.31	1,599.51	40.80	40.201		
4,600.00	4,505.86	4,440.57	4,440.05	22.77	19.09	108.07	-1,274.79	969.67	1,648.97	1,607.24	41.73	39.518		
4,700.00	4,603.49	4,538.57	4,538.03	23.28	19.50	108.78	-1,276.54	969.51	1,657.74	1,615.10	42.63	38.883		
4,800.00	4,701.13	4,635.73	4,635.17	23.78	19.91	109.48	-1,278.34	969.23	1,666.82	1,623.29	43.54	38.286		
4,900.00	4,798.77	4,737.01	4,736.44	24.28	20.34	110.20	-1,280.07	969.03	1,676.04	1,631.58	44.46	37.697		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,896.40	4,838.79	4,838.21	24.79	20.77	110.90	-1,281.52	969.14	1,685.24	1,639.85	45.39	37.130		
5,100.00	4,994.04	4,941.67	4,941.08	25.30	21.20	111.59	-1,282.74	969.63	1,694.46	1,648.14	46.32	36.581		
5,200.00	5,091.68	5,043.07	5,042.48	25.80	21.63	112.27	-1,283.54	969.93	1,703.51	1,656.27	47.24	36.057		
5,300.00	5,189.32	5,142.49	5,141.90	26.31	22.05	112.94	-1,284.34	969.85	1,712.81	1,664.65	48.16	35.566		
5,400.00	5,286.95	5,246.52	5,245.92	26.81	22.49	113.64	-1,284.80	969.82	1,721.97	1,672.87	49.10	35.074		
5,500.00	5,384.59	5,344.94	5,344.34	27.32	22.91	114.29	-1,285.03	969.67	1,731.16	1,681.15	50.00	34.621		
5,600.00	5,482.23	5,446.07	5,445.47	27.82	23.33	114.96	-1,285.26	969.14	1,740.57	1,689.65	50.92	34.181		
5,700.00	5,579.87	5,552.51	5,551.91	28.33	23.79	115.68	-1,284.98	968.22	1,749.76	1,697.89	51.87	33.734		
5,800.00	5,677.50	5,656.68	5,656.07	28.84	24.23	116.37	-1,284.28	967.31	1,758.77	1,705.96	52.80	33.308		
5,900.00	5,775.14	5,756.20	5,755.58	29.34	24.65	117.03	-1,283.31	966.40	1,767.72	1,714.01	53.71	32.912		
6,000.00	5,872.78	5,854.03	5,853.40	29.85	25.06	117.66	-1,282.37	965.73	1,776.91	1,722.30	54.61	32.538		
6,100.00	5,970.41	5,950.65	5,950.01	30.36	25.47	118.28	-1,281.42	965.13	1,786.29	1,730.78	55.50	32.184		
6,200.00	6,068.05	6,061.72	6,061.08	30.86	25.94	118.98	-1,280.21	964.41	1,795.80	1,739.34	56.47	31.802		
6,300.00	6,165.69	6,170.90	6,170.23	31.37	26.40	119.67	-1,277.86	963.64	1,804.46	1,747.04	57.42	31.424		
6,400.00	6,263.33	6,285.40	6,284.68	31.88	26.89	120.39	-1,274.75	962.63	1,812.84	1,754.44	58.40	31.041		
6,500.00	6,360.96	6,386.67	6,385.89	32.38	27.32	121.01	-1,271.33	962.23	1,820.71	1,761.39	59.31	30.696		
6,600.00	6,458.60	6,467.93	6,467.12	32.89	27.66	121.48	-1,268.94	962.58	1,829.13	1,768.99	60.13	30.419		
6,628.42	6,486.35	6,490.24	6,489.42	33.04	27.75	121.61	-1,268.45	962.73	1,831.74	1,771.38	60.36	30.348		
6,650.00	6,507.49	6,506.93	6,506.11	33.14	27.82	126.19	-1,268.12	962.86	1,833.75	1,773.22	60.53	30.297		
6,700.00	6,556.88	6,544.94	6,544.11	33.37	27.99	144.44	-1,267.56	963.16	1,838.29	1,777.39	60.90	30.187		
6,750.00	6,606.60	6,583.14	6,582.31	33.58	28.15	-176.53	-1,267.24	963.48	1,842.65	1,781.40	61.25	30.086		
6,800.00	6,656.35	6,623.00	6,622.17	33.76	28.31	-133.92	-1,267.14	963.80	1,846.78	1,785.19	61.59	29.984		
6,850.00	6,705.83	6,663.96	6,663.12	33.94	28.49	-113.20	-1,267.23	964.01	1,850.60	1,788.66	61.94	29.877		
6,900.00	6,754.72	6,705.15	6,704.32	34.12	28.66	-103.65	-1,267.48	964.09	1,854.12	1,791.82	62.30	29.762		
6,950.00	6,802.72	6,751.48	6,750.65	34.31	28.86	-98.61	-1,267.86	964.08	1,857.26	1,794.56	62.70	29.622		
7,000.00	6,849.54	6,796.71	6,795.87	34.50	29.05	-95.68	-1,268.27	964.01	1,860.01	1,796.90	63.11	29.475		
7,050.00	6,894.89	6,837.69	6,836.85	34.71	29.23	-93.86	-1,268.70	963.90	1,862.48	1,798.98	63.50	29.329		
7,100.00	6,938.49	6,876.91	6,876.07	34.93	29.39	-92.73	-1,269.19	963.74	1,864.81	1,800.89	63.91	29.178		
7,150.00	6,980.07	6,916.28	6,915.44	35.17	29.56	-92.08	-1,269.77	963.54	1,867.08	1,802.74	64.35	29.016		
7,200.00	7,019.38	6,956.45	6,955.60	35.43	29.73	-91.78	-1,270.37	963.32	1,869.35	1,804.54	64.81	28.842		
7,250.00	7,056.17	6,994.10	6,993.24	35.71	29.89	-91.68	-1,270.91	963.09	1,871.72	1,806.43	65.30	28.664		
7,300.00	7,090.21	7,027.99	7,027.12	36.03	30.03	-91.68	-1,271.39	962.90	1,874.35	1,808.56	65.79	28.488		
7,350.00	7,121.30	7,058.74	7,057.88	36.37	30.17	-91.72	-1,271.83	962.73	1,877.39	1,811.08	66.31	28.312		
7,400.00	7,149.25	7,086.38	7,085.51	36.75	30.28	-91.76	-1,272.24	962.59	1,880.96	1,814.12	66.85	28.139		
7,450.00	7,173.87	7,110.92	7,110.05	37.17	30.39	-91.77	-1,272.61	962.48	1,885.19	1,817.78	67.40	27.969		
7,500.00	7,195.03	7,132.24	7,131.36	37.62	30.48	-91.69	-1,272.93	962.39	1,890.16	1,822.18	67.98	27.804		
7,550.00	7,212.58	7,149.96	7,149.09	38.11	30.55	-91.51	-1,273.19	962.31	1,895.97	1,827.40	68.57	27.649		
7,600.00	7,226.43	7,164.00	7,163.12	38.64	30.61	-91.19	-1,273.41	962.25	1,902.67	1,833.49	69.17	27.506		
7,650.00	7,236.48	7,174.25	7,173.37	39.20	30.66	-90.71	-1,273.56	962.20	1,910.28	1,840.51	69.77	27.378		
7,700.00	7,242.68	7,180.65	7,179.77	39.79	30.68	-90.08	-1,273.66	962.17	1,918.83	1,848.45	70.37	27.267		
7,753.32	7,245.00	7,183.20	7,182.32	40.44	30.70	-89.21	-1,273.69	962.16	1,928.93	1,857.93	70.99	27.171		
7,800.00	7,245.08	7,183.49	7,182.61	41.04	30.70	-89.22	-1,273.70	962.16	1,938.74	1,867.20	71.53	27.103		
7,900.00	7,245.26	7,184.11	7,183.23	42.43	30.70	-89.24	-1,273.71	962.16	1,963.33	1,890.59	72.74	26.991		
8,000.00	7,245.43	7,184.74	7,183.86	43.97	30.70	-89.26	-1,273.72	962.15	1,992.64	1,918.66	73.98	26.934 SF		
8,100.00	7,245.61	7,185.36	7,184.48	45.64	30.70	-89.28	-1,273.73	962.15	2,026.47	1,951.23	75.24	26.935		
8,200.00	7,245.79	7,185.98	7,185.10	47.42	30.71	-89.30	-1,273.74	962.15	2,064.59	1,988.11	76.48	26.996		
8,300.00	7,245.97	7,186.61	7,185.73	49.30	30.71	-89.32	-1,273.74	962.15	2,106.77	2,029.08	77.69	27.118		
8,400.00	7,246.14	7,187.23	7,186.35	51.28	30.71	-89.33	-1,273.75	962.14	2,152.78	2,073.92	78.86	27.300		
8,500.00	7,246.32	7,187.85	7,186.97	53.34	30.72	-89.35	-1,273.76	962.14	2,202.36	2,122.39	79.97	27.539		
8,600.00	7,246.50	7,188.48	7,187.59	55.46	30.72	-89.37	-1,273.77	962.14	2,255.29	2,174.26	81.03	27.832		
8,700.00	7,246.67	7,189.10	7,188.22	57.66	30.72	-89.39	-1,273.78	962.13	2,311.34	2,229.31	82.03	28.177		
8,800.00	7,246.85	7,189.72	7,188.84	59.90	30.72	-89.41	-1,273.79	962.13	2,370.29	2,287.32	82.96	28.570		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,900.00	7,247.03	7,190.35	7,189.46	62.20	30.73	-89.43	-1,273.80	962.13	2,431.91	2,348.08	83.84	29.008		
9,000.00	7,247.21	7,190.97	7,190.09	64.55	30.73	-89.45	-1,273.81	962.13	2,496.03	2,411.38	84.65	29.487		
9,100.00	7,247.38	7,191.59	7,190.71	66.93	30.73	-89.47	-1,273.82	962.12	2,562.44	2,477.04	85.40	30.005		
9,200.00	7,247.56	7,192.22	7,191.33	69.35	30.73	-89.49	-1,273.83	962.12	2,630.98	2,544.88	86.10	30.558		
9,300.00	7,247.74	7,192.84	7,191.96	71.80	30.74	-89.50	-1,273.84	962.12	2,701.48	2,614.74	86.74	31.143		
9,400.00	7,247.91	7,193.46	7,192.58	74.29	30.74	-89.52	-1,273.85	962.11	2,773.80	2,686.46	87.34	31.759		
9,500.00	7,248.09	7,194.09	7,193.20	76.79	30.74	-89.54	-1,273.86	962.11	2,847.79	2,759.90	87.89	32.402		
9,600.00	7,248.27	7,194.71	7,193.83	79.33	30.74	-89.56	-1,273.87	962.11	2,923.33	2,834.93	88.40	33.071		
9,700.00	7,248.45	7,195.33	7,194.45	81.88	30.75	-89.58	-1,273.88	962.11	3,000.30	2,911.43	88.86	33.763		
9,800.00	7,248.62	7,195.96	7,195.07	84.45	30.75	-89.60	-1,273.89	962.10	3,078.59	2,989.30	89.30	34.476		
9,900.00	7,248.80	7,196.58	7,195.70	87.04	30.75	-89.62	-1,273.89	962.10	3,158.11	3,068.42	89.70	35.209		
10,000.00	7,248.98	7,197.20	7,196.32	89.65	30.76	-89.64	-1,273.90	962.10	3,238.77	3,148.70	90.07	35.960		
10,100.00	7,249.15	7,197.83	7,196.94	92.28	30.76	-89.66	-1,273.91	962.09	3,320.48	3,230.07	90.41	36.728		
10,200.00	7,249.33	7,198.45	7,197.57	94.91	30.76	-89.67	-1,273.92	962.09	3,403.16	3,312.44	90.72	37.511		
10,300.00	7,249.51	7,199.07	7,198.19	97.56	30.76	-89.69	-1,273.93	962.09	3,486.75	3,395.73	91.02	38.308		
10,400.00	7,249.69	7,199.70	7,198.81	100.22	30.77	-89.71	-1,273.94	962.09	3,571.19	3,479.90	91.29	39.119		
10,500.00	7,249.86	7,200.32	7,199.44	102.89	30.77	-89.73	-1,273.95	962.08	3,656.41	3,564.86	91.54	39.941		
10,600.00	7,250.04	7,200.94	7,200.06	105.57	30.77	-89.75	-1,273.96	962.08	3,742.36	3,650.58	91.78	40.775		
10,700.00	7,250.22	7,201.57	7,200.68	108.27	30.77	-89.77	-1,273.97	962.08	3,828.99	3,736.99	92.00	41.619		
10,800.00	7,250.39	7,202.19	7,201.31	110.96	30.78	-89.79	-1,273.98	962.08	3,916.27	3,824.06	92.21	42.473		
10,900.00	7,250.57	7,202.81	7,201.93	113.67	30.78	-89.81	-1,273.99	962.07	4,004.13	3,911.73	92.40	43.336		
11,000.00	7,250.75	7,203.44	7,202.55	116.39	30.78	-89.83	-1,274.00	962.07	4,092.55	3,999.98	92.58	44.207		
11,100.00	7,250.93	7,204.06	7,203.18	119.11	30.78	-89.84	-1,274.01	962.07	4,181.50	4,088.75	92.75	45.085		
11,200.00	7,251.10	7,204.68	7,203.80	121.83	30.79	-89.86	-1,274.02	962.06	4,270.93	4,178.03	92.91	45.971		
11,300.00	7,251.28	7,205.31	7,204.42	124.57	30.79	-89.88	-1,274.03	962.06	4,360.83	4,267.77	93.05	46.863		
11,400.00	7,251.46	7,205.93	7,205.05	127.31	30.79	-89.90	-1,274.04	962.06	4,451.15	4,357.95	93.20	47.761		
11,500.00	7,251.63	7,206.56	7,205.67	130.05	30.79	-89.92	-1,274.04	962.06	4,541.88	4,448.55	93.33	48.665		
11,600.00	7,251.81	7,207.18	7,206.30	132.80	30.80	-89.94	-1,274.05	962.05	4,632.99	4,539.54	93.45	49.575		
11,700.00	7,251.99	7,207.80	7,206.92	135.55	30.80	-89.96	-1,274.06	962.05	4,724.46	4,630.89	93.57	50.489		
11,800.00	7,252.17	7,208.43	7,207.54	138.31	30.80	-89.98	-1,274.07	962.05	4,816.27	4,722.58	93.69	51.407		
11,900.00	7,252.34	7,209.05	7,208.17	141.07	30.81	-90.00	-1,274.08	962.04	4,908.40	4,814.60	93.80	52.330		
12,000.00	7,252.52	7,209.67	7,208.79	143.84	30.81	-90.01	-1,274.09	962.04	5,000.83	4,906.93	93.90	53.257		
12,100.00	7,252.70	7,210.30	7,209.41	146.61	30.81	-90.03	-1,274.10	962.04	5,093.55	4,999.55	94.00	54.188		
12,200.00	7,252.87	7,210.92	7,210.04	149.38	30.81	-90.05	-1,274.11	962.04	5,186.54	5,092.44	94.09	55.122		
12,300.00	7,253.05	7,211.54	7,210.66	152.16	30.82	-90.07	-1,274.12	962.03	5,279.78	5,185.60	94.18	56.059		
12,400.00	7,253.23	7,212.17	7,211.28	154.94	30.82	-90.09	-1,274.13	962.03	5,373.27	5,279.00	94.27	56.999		
12,500.00	7,253.41	7,212.79	7,211.91	157.72	30.82	-90.11	-1,274.14	962.03	5,466.99	5,372.63	94.35	57.941		
12,600.00	7,253.58	7,213.42	7,212.53	160.51	30.82	-90.13	-1,274.15	962.03	5,560.92	5,466.49	94.43	58.887		
12,700.00	7,253.76	7,214.04	7,213.15	163.29	30.83	-90.15	-1,274.16	962.02	5,655.07	5,560.55	94.51	59.834		
12,800.00	7,253.94	7,214.66	7,213.78	166.08	30.83	-90.17	-1,274.17	962.02	5,749.41	5,654.82	94.59	60.784		
12,900.00	7,254.11	7,215.29	7,214.40	168.88	30.83	-90.18	-1,274.18	962.02	5,843.94	5,749.28	94.66	61.735		
13,000.00	7,254.29	7,215.91	7,215.03	171.67	30.83	-90.20	-1,274.18	962.01	5,938.65	5,843.92	94.73	62.688		
13,100.00	7,254.47	7,216.53	7,215.65	174.47	30.84	-90.22	-1,274.19	962.01	6,033.53	5,938.73	94.80	63.643		
13,200.00	7,254.65	7,217.16	7,216.27	177.27	30.84	-90.24	-1,274.20	962.01	6,128.57	6,033.70	94.87	64.600		
13,300.00	7,254.82	7,217.78	7,216.90	180.07	30.84	-90.26	-1,274.21	962.01	6,223.77	6,128.83	94.94	65.558		
13,400.00	7,255.00	7,218.41	7,217.52	182.87	30.85	-90.28	-1,274.22	962.00	6,319.11	6,224.11	95.00	66.517		
13,500.00	7,255.18	7,219.03	7,218.14	185.67	30.85	-90.30	-1,274.23	962.00	6,414.60	6,319.54	95.06	67.477		
13,600.00	7,255.35	7,219.65	7,218.77	188.48	30.85	-90.32	-1,274.24	962.00	6,510.23	6,415.10	95.13	68.438		
13,700.00	7,255.53	7,220.28	7,219.39	191.29	30.85	-90.34	-1,274.25	961.99	6,605.98	6,510.79	95.19	69.400		
13,800.00	7,255.71	7,220.90	7,220.02	194.10	30.86	-90.35	-1,274.26	961.99	6,701.86	6,606.61	95.25	70.363		
13,900.00	7,255.89	7,221.52	7,220.64	196.91	30.86	-90.37	-1,274.27	961.99	6,797.85	6,702.55	95.31	71.327		
14,000.00	7,256.06	7,222.15	7,221.26	199.72	30.86	-90.39	-1,274.28	961.99	6,893.96	6,798.60	95.36	72.291		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,222.77	7,221.89	202.53	30.86	-90.41	-1,274.29	961.98	6,990.18	6,894.76	95.42	73.256		
14,200.00	7,256.42	7,223.40	7,222.51	205.35	30.87	-90.43	-1,274.30	961.98	7,086.50	6,991.02	95.48	74.221		
14,300.00	7,256.59	7,224.02	7,223.13	208.16	30.87	-90.45	-1,274.31	961.98	7,182.93	7,087.39	95.54	75.186		
14,400.00	7,256.77	7,224.64	7,223.76	210.98	30.87	-90.47	-1,274.32	961.97	7,279.45	7,183.85	95.59	76.152		
14,500.00	7,256.95	7,225.27	7,224.38	213.80	30.87	-90.49	-1,274.33	961.97	7,376.06	7,280.41	95.65	77.118		
14,600.00	7,257.13	7,225.89	7,225.01	216.62	30.88	-90.51	-1,274.33	961.97	7,472.76	7,377.06	95.70	78.084		
14,700.00	7,257.30	7,226.52	7,225.63	219.44	30.88	-90.52	-1,274.34	961.97	7,569.55	7,473.79	95.76	79.050		
14,800.00	7,257.48	7,227.14	7,226.25	222.26	30.88	-90.54	-1,274.35	961.96	7,666.42	7,570.61	95.81	80.016		
14,900.00	7,257.66	7,227.76	7,226.88	225.08	30.89	-90.56	-1,274.36	961.96	7,763.37	7,667.50	95.87	80.982		
15,000.00	7,257.83	7,228.39	7,227.50	227.91	30.89	-90.58	-1,274.37	961.96	7,860.39	7,764.47	95.92	81.948		
15,100.00	7,258.01	7,229.01	7,228.12	230.73	30.89	-90.60	-1,274.38	961.96	7,957.49	7,861.52	95.97	82.913		
15,200.00	7,258.19	7,229.64	7,228.75	233.56	30.89	-90.62	-1,274.39	961.95	8,054.66	7,958.63	96.03	83.879		
15,300.00	7,258.37	7,230.26	7,229.37	236.38	30.90	-90.64	-1,274.40	961.95	8,151.90	8,055.82	96.08	84.844		
15,400.00	7,258.54	7,230.88	7,230.00	239.21	30.90	-90.66	-1,274.41	961.95	8,249.20	8,153.07	96.13	85.809		
15,500.00	7,258.72	7,231.51	7,230.62	242.04	30.90	-90.68	-1,274.42	961.94	8,346.57	8,250.38	96.19	86.773		
15,600.00	7,258.90	7,232.13	7,231.24	244.87	30.90	-90.69	-1,274.43	961.94	8,444.00	8,347.76	96.24	87.737		
15,700.00	7,259.08	7,232.76	7,231.87	247.70	30.91	-90.71	-1,274.44	961.94	8,541.49	8,445.20	96.30	88.700		
15,800.00	7,259.25	7,233.38	7,232.49	250.53	30.91	-90.73	-1,274.45	961.94	8,639.04	8,542.69	96.35	89.663		
15,900.00	7,259.43	7,234.00	7,233.12	253.36	30.91	-90.75	-1,274.46	961.93	8,736.64	8,640.24	96.40	90.625		
16,000.00	7,259.61	7,234.63	7,233.74	256.19	30.91	-90.77	-1,274.47	961.93	8,834.29	8,737.84	96.46	91.587		
16,100.00	7,259.78	7,235.25	7,234.36	259.02	30.92	-90.79	-1,274.48	961.93	8,932.00	8,835.49	96.51	92.547		
16,200.00	7,259.96	7,235.88	7,234.99	261.85	30.92	-90.81	-1,274.48	961.92	9,029.76	8,933.19	96.57	93.508		
16,300.00	7,260.14	7,236.50	7,235.61	264.68	30.92	-90.83	-1,274.49	961.92	9,127.57	9,030.94	96.62	94.467		
16,400.00	7,260.32	7,237.12	7,236.24	267.52	30.93	-90.85	-1,274.50	961.92	9,225.42	9,128.74	96.68	95.426		
16,500.00	7,260.49	7,237.75	7,236.86	270.35	30.93	-90.86	-1,274.51	961.92	9,323.32	9,226.59	96.73	96.383		
16,600.00	7,260.67	7,238.37	7,237.48	273.19	30.93	-90.88	-1,274.52	961.91	9,421.26	9,324.47	96.79	97.340		
16,700.00	7,260.85	7,239.00	7,238.11	276.02	30.93	-90.90	-1,274.53	961.91	9,519.24	9,422.40	96.84	98.296		
16,800.00	7,261.02	7,239.62	7,238.73	278.86	30.94	-90.92	-1,274.54	961.91	9,617.27	9,520.37	96.90	99.251		
16,900.00	7,261.20	7,240.24	7,239.36	281.69	30.94	-90.94	-1,274.55	961.90	9,715.34	9,618.38	96.95	100.205		
17,000.00	7,261.38	7,240.87	7,239.98	284.53	30.94	-90.96	-1,274.56	961.90	9,813.44	9,716.43	97.01	101.159		
17,100.00	7,261.56	7,241.49	7,240.61	287.37	30.94	-90.98	-1,274.57	961.90	9,911.59	9,814.52	97.07	102.111		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	85.26	77.62	935.79	939.74					
100.00	100.00	65.49	65.49	3.28	3.28	85.25	77.68	935.70	938.92	932.36	6.57	142.960		
200.00	200.00	168.17	168.16	3.34	3.32	85.24	77.95	935.24	938.49	931.84	6.66	140.995		
300.00	299.98	267.17	267.17	3.44	3.41	19.71	78.15	934.67	936.30	929.45	6.85	136.610		
400.00	399.84	363.11	363.11	3.60	3.54	19.84	78.23	934.41	931.11	923.96	7.15	130.293		
500.00	499.45	456.77	456.77	3.81	3.71	20.07	78.26	934.65	923.18	915.66	7.52	122.751		
600.00	598.70	547.54	547.53	4.06	3.91	20.40	78.07	935.61	912.77	904.80	7.96	114.623		
700.00	697.47	638.92	638.88	4.34	4.14	20.84	77.74	937.52	900.14	891.67	8.47	106.266		
800.00	795.62	734.12	734.06	4.66	4.41	21.42	77.28	940.04	884.88	875.84	9.04	97.852		
824.00	819.08	757.18	757.11	4.75	4.47	21.58	77.14	940.70	880.80	871.60	9.19	95.823		
900.00	893.28	830.26	830.15	5.02	4.70	22.01	76.61	942.86	867.69	858.03	9.66	89.791		
1,000.00	990.92	928.17	928.01	5.40	5.01	22.61	75.90	945.93	850.68	840.36	10.32	82.410		
1,100.00	1,088.56	1,028.21	1,028.01	5.80	5.35	23.27	74.90	948.82	833.53	822.51	11.02	75.627		
1,200.00	1,186.19	1,124.38	1,124.13	6.21	5.68	23.93	73.81	951.70	816.58	804.84	11.74	69.573		
1,300.00	1,283.83	1,222.71	1,222.40	6.64	6.03	24.63	72.91	954.76	799.86	787.38	12.48	64.083		
1,400.00	1,381.47	1,323.55	1,323.20	7.08	6.40	25.38	71.90	957.65	783.03	769.78	13.25	59.084		
1,500.00	1,479.10	1,422.82	1,422.43	7.53	6.77	26.13	71.19	960.23	766.06	752.02	14.04	54.580		
1,600.00	1,576.74	1,520.77	1,520.34	7.99	7.14	26.89	70.63	962.79	749.23	734.40	14.83	50.527		
1,700.00	1,674.38	1,624.04	1,623.59	8.45	7.53	27.73	70.08	965.16	732.22	716.57	15.65	46.796		
1,800.00	1,772.02	1,730.28	1,729.82	8.92	7.94	28.65	69.44	966.42	714.28	697.79	16.48	43.337		
1,900.00	1,869.65	1,830.88	1,830.41	9.39	8.33	29.59	68.63	966.84	695.76	678.45	17.31	40.194		
2,000.00	1,967.29	1,928.70	1,928.23	9.87	8.72	30.56	67.72	967.05	677.24	659.10	18.14	37.334		
2,100.00	2,064.93	2,026.59	2,026.12	10.35	9.10	31.56	67.13	967.32	658.94	639.96	18.98	34.722		
2,200.00	2,162.56	2,125.73	2,125.26	10.83	9.50	32.65	66.37	967.34	640.63	620.80	19.82	32.316		
2,300.00	2,260.20	2,222.64	2,222.16	11.32	9.89	33.77	65.68	967.35	622.53	601.85	20.67	30.113		
2,400.00	2,357.84	2,319.70	2,319.22	11.80	10.28	34.95	65.07	967.47	604.77	583.24	21.53	28.090		
2,500.00	2,455.48	2,417.23	2,416.74	12.29	10.67	36.16	64.89	967.72	587.33	564.94	22.39	26.228		
2,600.00	2,553.11	2,514.91	2,514.42	12.78	11.07	37.41	64.98	968.05	570.18	546.92	23.26	24.510		
2,700.00	2,650.75	2,613.67	2,613.19	13.27	11.47	38.76	65.05	968.27	553.22	529.08	24.14	22.917		
2,800.00	2,748.39	2,712.63	2,712.15	13.77	11.87	40.23	64.91	968.21	536.37	511.35	25.02	21.436		
2,900.00	2,846.02	2,811.59	2,811.10	14.26	12.28	41.82	64.64	967.83	519.60	493.69	25.91	20.055		
3,000.00	2,943.66	2,907.96	2,907.47	14.76	12.68	43.52	63.87	967.30	503.25	476.45	26.80	18.777		
3,100.00	3,041.30	3,004.96	3,004.46	15.25	13.08	45.41	62.51	966.73	487.55	459.85	27.70	17.599		
3,200.00	3,138.94	3,103.02	3,102.51	15.75	13.48	47.38	61.57	966.29	472.39	443.78	28.61	16.510		
3,300.00	3,236.57	3,199.28	3,198.76	16.25	13.88	49.40	60.98	966.07	457.88	428.35	29.53	15.506		
3,400.00	3,334.21	3,295.26	3,294.75	16.75	14.28	51.52	60.32	966.15	444.30	413.85	30.45	14.590		
3,500.00	3,431.85	3,390.08	3,389.56	17.25	14.68	53.69	59.76	966.80	431.87	400.48	31.38	13.761		
3,600.00	3,529.48	3,484.84	3,484.31	17.75	15.07	55.92	59.27	968.25	420.81	388.49	32.32	13.021		
3,700.00	3,627.12	3,579.58	3,579.03	18.25	15.47	58.24	58.44	970.31	411.20	377.94	33.26	12.365		
3,800.00	3,724.76	3,681.43	3,680.84	18.75	15.90	61.00	56.58	971.99	402.49	368.28	34.21	11.764		
3,900.00	3,822.40	3,781.45	3,780.85	19.25	16.31	63.87	55.18	972.63	393.69	358.52	35.18	11.192		
4,000.00	3,920.03	3,882.67	3,882.07	19.75	16.74	66.83	54.60	973.13	385.26	349.12	36.14	10.660		
4,100.00	4,017.67	3,980.70	3,980.10	20.25	17.15	69.78	54.57	973.27	377.23	340.13	37.10	10.167		
4,200.00	4,115.31	4,078.26	4,077.65	20.76	17.56	72.82	54.62	973.56	370.32	332.25	38.07	9.727		
4,300.00	4,212.94	4,176.04	4,175.43	21.26	17.97	76.03	54.35	973.49	364.55	325.51	39.04	9.338		
4,400.00	4,310.58	4,273.07	4,272.47	21.76	18.38	79.36	53.85	973.14	360.04	320.04	40.00	9.000		
4,500.00	4,408.22	4,369.60	4,368.98	22.27	18.78	82.82	52.91	972.52	357.08	316.12	40.96	8.718		
4,593.82	4,499.82	4,458.18	4,457.55	22.74	19.16	86.07	51.58	971.91	356.00	314.15	41.84	8.508 CC		
4,600.00	4,505.86	4,463.94	4,463.31	22.77	19.18	86.29	51.45	971.86	356.00	314.10	41.90	8.496 ES		
4,700.00	4,603.49	4,556.51	4,555.84	23.28	19.57	89.84	48.64	970.81	357.54	314.73	42.81	8.352		
4,800.00	4,701.13	4,648.53	4,647.73	23.78	19.96	93.48	44.31	969.36	362.04	318.35	43.69	8.287 SF		
4,900.00	4,798.77	4,742.00	4,741.03	24.28	20.36	97.13	38.69	967.87	369.40	324.85	44.55	8.292		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	4,896.40	4,838.47	4,837.30	24.79	20.77	100.66	32.67	966.95	378.75	333.32	45.43	8.337		
5,100.00	4,994.04	4,937.06	4,935.71	25.30	21.19	104.04	26.81	966.33	389.31	342.99	46.32	8.405		
5,200.00	5,091.68	5,038.11	5,036.62	25.80	21.62	107.35	21.49	965.38	400.48	353.24	47.24	8.478		
5,300.00	5,189.32	5,140.73	5,139.16	26.31	22.06	110.51	17.51	964.44	411.50	363.34	48.16	8.545		
5,400.00	5,286.95	5,243.38	5,241.76	26.81	22.49	113.51	14.76	963.32	422.46	373.39	49.07	8.609		
5,500.00	5,384.59	5,345.49	5,343.86	27.32	22.92	116.39	13.51	961.97	433.03	383.06	49.97	8.666		
5,600.00	5,482.23	5,446.69	5,445.04	27.82	23.35	119.14	13.06	960.28	443.86	393.01	50.85	8.729		
5,700.00	5,579.87	5,549.71	5,548.04	28.33	23.78	121.88	13.91	958.18	454.43	402.70	51.73	8.784		
5,800.00	5,677.50	5,647.37	5,645.67	28.84	24.19	124.38	15.61	956.11	465.06	412.49	52.57	8.847		
5,900.00	5,775.14	5,739.18	5,737.45	29.34	24.58	126.57	16.47	954.47	477.25	423.90	53.35	8.946		
6,000.00	5,872.78	5,831.33	5,829.58	29.85	24.97	128.63	16.04	952.88	491.49	437.37	54.12	9.082		
6,100.00	5,970.41	5,927.84	5,926.09	30.36	25.37	130.57	14.99	951.86	506.81	451.87	54.94	9.225		
6,200.00	6,068.05	6,025.01	6,023.24	30.86	25.79	132.40	13.69	950.96	522.87	467.10	55.77	9.376		
6,300.00	6,165.69	6,124.91	6,123.13	31.37	26.21	134.16	12.68	950.22	539.07	482.44	56.63	9.519		
6,400.00	6,263.33	6,221.89	6,220.11	31.88	26.62	135.77	11.85	949.54	555.58	498.12	57.46	9.669		
6,500.00	6,360.96	6,318.28	6,316.49	32.38	27.03	137.28	10.89	948.72	572.68	514.40	58.29	9.826		
6,600.00	6,458.60	6,416.69	6,414.89	32.89	27.45	138.74	9.96	947.91	590.12	530.98	59.13	9.979		
6,628.42	6,486.35	6,444.33	6,442.53	33.04	27.57	139.13	9.70	947.71	595.12	535.74	59.37	10.023		
6,650.00	6,507.49	6,465.39	6,463.59	33.14	27.66	144.01	9.50	947.57	598.78	539.23	59.55	10.055		
6,700.00	6,556.88	6,514.89	6,513.09	33.37	27.87	162.69	9.01	947.27	606.14	546.17	59.97	10.107		
6,750.00	6,606.60	6,565.39	6,563.58	33.58	28.08	-158.23	8.56	946.99	611.78	551.38	60.40	10.129		
6,800.00	6,656.35	6,615.37	6,613.56	33.76	28.29	-115.93	8.17	946.74	615.64	554.82	60.82	10.122		
6,850.00	6,705.83	6,663.86	6,662.04	33.94	28.50	-95.82	7.76	946.43	617.87	556.64	61.23	10.091		
6,900.00	6,754.72	6,712.03	6,710.21	34.12	28.70	-87.19	7.32	946.04	618.59	556.94	61.66	10.033		
6,950.00	6,802.72	6,760.06	6,758.24	34.31	28.91	-83.30	6.90	945.55	617.93	555.83	62.10	9.950		
7,000.00	6,849.54	6,807.01	6,805.19	34.50	29.11	-81.76	6.52	944.98	616.09	553.52	62.57	9.847		
7,050.00	6,894.89	6,851.95	6,850.12	34.71	29.30	-81.57	6.16	944.36	613.38	550.34	63.04	9.730		
7,100.00	6,938.49	6,895.36	6,893.52	34.93	29.48	-82.26	5.79	943.70	610.16	546.62	63.54	9.603		
7,150.00	6,980.07	6,938.15	6,936.31	35.17	29.66	-83.62	5.43	943.04	606.78	542.71	64.08	9.470		
7,200.00	7,019.38	6,978.74	6,976.89	35.43	29.84	-85.38	5.14	942.50	603.66	539.02	64.64	9.339		
7,250.00	7,056.17	7,016.27	7,014.41	35.71	30.00	-87.31	4.90	942.06	601.31	536.09	65.22	9.219		
7,300.00	7,090.21	7,050.42	7,048.57	36.03	30.14	-89.24	4.68	941.74	600.29	534.47	65.82	9.120		
7,304.78	7,093.31	7,053.53	7,051.68	36.06	30.15	-89.42	4.65	941.71	600.28	534.41	65.88	9.112		
7,350.00	7,121.30	7,081.53	7,079.67	36.37	30.27	-91.06	4.45	941.50	601.12	534.69	66.43	9.049		
7,400.00	7,149.25	7,109.50	7,107.65	36.75	30.39	-92.64	4.23	941.33	604.26	537.22	67.04	9.014		
7,450.00	7,173.87	7,134.36	7,132.50	37.17	30.50	-93.89	4.04	941.19	610.09	542.46	67.63	9.021		
7,500.00	7,195.03	7,155.75	7,153.89	37.62	30.59	-94.69	3.87	941.07	618.91	550.72	68.19	9.076		
7,550.00	7,212.58	7,173.56	7,171.70	38.11	30.66	-94.98	3.73	940.97	630.89	562.20	68.69	9.184		
7,600.00	7,226.43	7,187.66	7,185.80	38.64	30.72	-94.69	3.62	940.89	646.09	576.96	69.13	9.346		
7,650.00	7,236.48	7,197.98	7,196.12	39.20	30.77	-93.77	3.54	940.84	664.44	594.96	69.49	9.562		
7,700.00	7,242.68	7,204.45	7,202.59	39.79	30.80	-92.20	3.49	940.80	685.75	615.99	69.76	9.831		
7,753.32	7,245.00	7,207.06	7,205.20	40.44	30.81	-89.80	3.47	940.79	711.41	641.46	69.95	10.170		
7,800.00	7,245.08	7,207.41	7,205.54	41.04	30.81	-89.83	3.46	940.78	736.17	666.11	70.06	10.508		
7,900.00	7,245.26	7,208.14	7,206.28	42.43	30.81	-89.90	3.46	940.78	795.88	725.68	70.20	11.337		
8,000.00	7,245.43	7,208.88	7,207.02	43.97	30.81	-89.97	3.45	940.78	863.08	792.84	70.24	12.288		
8,100.00	7,245.61	7,209.61	7,207.75	45.64	30.82	-90.04	3.45	940.77	936.15	865.94	70.21	13.333		
8,200.00	7,245.79	7,210.35	7,208.49	47.42	30.82	-90.11	3.44	940.77	1,013.83	943.69	70.15	14.453		
8,300.00	7,245.97	7,211.09	7,209.22	49.30	30.82	-90.17	3.44	940.76	1,095.14	1,025.08	70.06	15.631		
8,400.00	7,246.14	7,211.82	7,209.96	51.28	30.83	-90.24	3.43	940.76	1,179.32	1,109.36	69.97	16.855		
8,500.00	7,246.32	7,212.56	7,210.70	53.34	30.83	-90.31	3.42	940.75	1,265.81	1,195.94	69.87	18.116		
8,600.00	7,246.50	7,213.29	7,211.43	55.46	30.83	-90.38	3.42	940.75	1,354.16	1,284.38	69.78	19.406		
8,700.00	7,246.67	7,214.03	7,212.17	57.66	30.84	-90.45	3.41	940.75	1,444.03	1,374.34	69.69	20.720		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,800.00	7,246.85	7,214.77	7,212.90	59.90	30.84	-90.52	3.41	940.74	1,535.15	1,465.54	69.61	22.054		
8,900.00	7,247.03	7,215.50	7,213.64	62.20	30.84	-90.59	3.40	940.74	1,627.31	1,557.78	69.53	23.403		
9,000.00	7,247.21	7,216.24	7,214.38	64.55	30.85	-90.66	3.40	940.73	1,720.35	1,650.89	69.47	24.766		
9,100.00	7,247.38	7,216.97	7,215.11	66.93	30.85	-90.72	3.39	940.73	1,814.13	1,744.73	69.40	26.139		
9,200.00	7,247.56	7,217.71	7,215.85	69.35	30.85	-90.79	3.38	940.73	1,908.54	1,839.20	69.35	27.521		
9,300.00	7,247.74	7,218.44	7,216.58	71.80	30.86	-90.86	3.38	940.72	2,003.50	1,934.20	69.30	28.912		
9,400.00	7,247.91	7,219.18	7,217.32	74.29	30.86	-90.93	3.37	940.72	2,098.92	2,029.67	69.25	30.308		
9,500.00	7,248.09	7,219.92	7,218.05	76.79	30.86	-91.00	3.37	940.71	2,194.75	2,125.54	69.21	31.710		
9,600.00	7,248.27	7,220.65	7,218.79	79.33	30.86	-91.07	3.36	940.71	2,290.94	2,221.76	69.18	33.116		
9,700.00	7,248.45	7,221.39	7,219.52	81.88	30.87	-91.14	3.35	940.71	2,387.43	2,318.29	69.15	34.526		
9,800.00	7,248.62	7,222.12	7,220.26	84.45	30.87	-91.21	3.35	940.70	2,484.21	2,415.09	69.12	35.939		
9,900.00	7,248.80	7,222.86	7,221.00	87.04	30.87	-91.27	3.34	940.70	2,581.23	2,512.13	69.10	37.354		
10,000.00	7,248.98	7,223.59	7,221.73	89.65	30.88	-91.34	3.34	940.69	2,678.47	2,609.39	69.08	38.772		
10,100.00	7,249.15	7,224.33	7,222.47	92.28	30.88	-91.41	3.33	940.69	2,775.91	2,706.84	69.07	40.191		
10,200.00	7,249.33	7,225.07	7,223.20	94.91	30.88	-91.48	3.33	940.68	2,873.52	2,804.46	69.06	41.611		
10,300.00	7,249.51	7,225.80	7,223.94	97.56	30.89	-91.55	3.32	940.68	2,971.29	2,902.24	69.05	43.032		
10,400.00	7,249.69	7,226.54	7,224.67	100.22	30.89	-91.62	3.31	940.68	3,069.20	3,000.16	69.04	44.454		
10,500.00	7,249.86	7,227.27	7,225.41	102.89	30.89	-91.69	3.31	940.67	3,167.25	3,098.21	69.04	45.876		
10,600.00	7,250.04	7,228.01	7,226.15	105.57	30.90	-91.75	3.30	940.67	3,265.41	3,196.37	69.04	47.298		
10,700.00	7,250.22	7,228.74	7,226.88	108.27	30.90	-91.82	3.30	940.66	3,363.68	3,294.64	69.04	48.720		
10,800.00	7,250.39	7,229.48	7,227.62	110.96	30.90	-91.89	3.29	940.66	3,462.05	3,393.01	69.05	50.141		
10,900.00	7,250.57	7,230.21	7,228.35	113.67	30.91	-91.96	3.29	940.66	3,560.51	3,491.46	69.05	51.562		
11,000.00	7,250.75	7,230.95	7,229.09	116.39	30.91	-92.03	3.28	940.65	3,659.06	3,589.99	69.06	52.982		
11,100.00	7,250.93	7,231.69	7,229.82	119.11	30.91	-92.10	3.27	940.65	3,757.68	3,688.60	69.07	54.401		
11,200.00	7,251.10	7,232.42	7,230.56	121.83	30.91	-92.17	3.27	940.64	3,856.37	3,787.28	69.09	55.819		
11,300.00	7,251.28	7,233.16	7,231.29	124.57	30.92	-92.23	3.26	940.64	3,955.13	3,886.02	69.10	57.236		
11,400.00	7,251.46	7,233.89	7,232.03	127.31	30.92	-92.30	3.26	940.64	4,053.94	3,984.83	69.12	58.652		
11,500.00	7,251.63	7,234.63	7,232.76	130.05	30.92	-92.37	3.25	940.63	4,152.82	4,083.68	69.14	60.066		
11,600.00	7,251.81	7,235.36	7,233.50	132.80	30.93	-92.44	3.25	940.63	4,251.75	4,182.59	69.16	61.479		
11,700.00	7,251.99	7,236.10	7,234.23	135.55	30.93	-92.51	3.24	940.62	4,350.72	4,281.54	69.18	62.890		
11,800.00	7,252.17	7,236.83	7,234.97	138.31	30.93	-92.58	3.23	940.62	4,449.74	4,380.54	69.20	64.299		
11,900.00	7,252.34	7,237.57	7,235.71	141.07	30.94	-92.65	3.23	940.61	4,548.81	4,479.58	69.23	65.707		
12,000.00	7,252.52	7,238.30	7,236.44	143.84	30.94	-92.71	3.22	940.61	4,647.91	4,578.66	69.26	67.112		
12,100.00	7,252.70	7,239.04	7,237.18	146.61	30.94	-92.78	3.22	940.61	4,747.05	4,677.77	69.28	68.516		
12,200.00	7,252.87	7,239.77	7,237.91	149.38	30.95	-92.85	3.21	940.60	4,846.23	4,776.92	69.31	69.917		
12,300.00	7,253.05	7,240.51	7,238.65	152.16	30.95	-92.92	3.21	940.60	4,945.44	4,876.09	69.35	71.316		
12,400.00	7,253.23	7,241.24	7,239.38	154.94	30.95	-92.99	3.20	940.59	5,044.68	4,975.30	69.38	72.713		
12,500.00	7,253.41	7,241.98	7,240.12	157.72	30.96	-93.06	3.19	940.59	5,143.95	5,074.54	69.41	74.107		
12,600.00	7,253.58	7,242.72	7,240.85	160.51	30.96	-93.13	3.19	940.59	5,243.25	5,173.80	69.45	75.499		
12,700.00	7,253.76	7,243.45	7,241.59	163.29	30.96	-93.19	3.18	940.58	5,342.57	5,273.09	69.48	76.888		
12,800.00	7,253.94	7,244.19	7,242.32	166.08	30.96	-93.26	3.18	940.58	5,441.92	5,372.40	69.52	78.275		
12,900.00	7,254.11	7,244.92	7,243.06	168.88	30.97	-93.33	3.17	940.57	5,541.29	5,471.73	69.56	79.659		
13,000.00	7,254.29	7,245.66	7,243.79	171.67	30.97	-93.40	3.16	940.57	5,640.69	5,571.08	69.60	81.041		
13,100.00	7,254.47	7,246.39	7,244.53	174.47	30.97	-93.47	3.16	940.57	5,740.10	5,670.46	69.65	82.419		
13,200.00	7,254.65	7,247.13	7,245.26	177.27	30.98	-93.54	3.15	940.56	5,839.54	5,769.85	69.69	83.795		
13,300.00	7,254.82	7,247.86	7,246.00	180.07	30.98	-93.60	3.15	940.56	5,938.99	5,869.26	69.73	85.168		
13,400.00	7,255.00	7,248.60	7,246.73	182.87	30.98	-93.67	3.14	940.55	6,038.46	5,968.68	69.78	86.538		
13,500.00	7,255.18	7,249.33	7,247.47	185.67	30.99	-93.74	3.14	940.55	6,137.95	6,068.13	69.83	87.904		
13,600.00	7,255.35	7,250.07	7,248.20	188.48	30.99	-93.81	3.13	940.55	6,237.46	6,167.58	69.87	89.268		
13,700.00	7,255.53	7,250.80	7,248.94	191.29	30.99	-93.88	3.12	940.54	6,336.98	6,267.05	69.92	90.629		
13,800.00	7,255.71	7,251.54	7,249.67	194.10	31.00	-93.95	3.12	940.54	6,436.51	6,366.54	69.97	91.986		
13,900.00	7,255.89	7,252.27	7,250.41	196.91	31.00	-94.01	3.11	940.53	6,536.06	6,466.04	70.02	93.341		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,000.00	7,256.06	7,253.01	7,251.14	199.72	31.00	-94.08	3.11	940.53	6,635.62	6,565.55	70.08	94.692		
14,100.00	7,256.24	7,253.74	7,251.88	202.53	31.01	-94.15	3.10	940.52	6,735.20	6,665.07	70.13	96.039		
14,200.00	7,256.42	7,254.48	7,252.61	205.35	31.01	-94.22	3.10	940.52	6,834.79	6,764.60	70.18	97.383		
14,300.00	7,256.59	7,255.21	7,253.35	208.16	31.01	-94.29	3.09	940.52	6,934.39	6,864.15	70.24	98.724		
14,400.00	7,256.77	7,255.95	7,254.08	210.98	31.01	-94.35	3.08	940.51	7,034.00	6,963.70	70.30	100.062		
14,500.00	7,256.95	7,256.68	7,254.82	213.80	31.02	-94.42	3.08	940.51	7,133.62	7,063.27	70.35	101.396		
14,600.00	7,257.13	7,257.42	7,255.55	216.62	31.02	-94.49	3.07	940.50	7,233.25	7,162.84	70.41	102.726		
14,700.00	7,257.30	7,258.15	7,256.29	219.44	31.02	-94.56	3.07	940.50	7,332.90	7,262.42	70.47	104.053		
14,800.00	7,257.48	7,258.89	7,257.02	222.26	31.03	-94.63	3.06	940.50	7,432.55	7,362.01	70.53	105.376		
14,900.00	7,257.66	7,259.62	7,257.76	225.08	31.03	-94.70	3.06	940.49	7,532.21	7,461.61	70.60	106.695		
15,000.00	7,257.83	7,260.36	7,258.49	227.91	31.03	-94.76	3.05	940.49	7,631.88	7,561.22	70.66	108.011		
15,100.00	7,258.01	7,261.09	7,259.23	230.73	31.04	-94.83	3.04	940.48	7,731.56	7,660.83	70.72	109.323		
15,200.00	7,258.19	7,261.83	7,259.96	233.56	31.04	-94.90	3.04	940.48	7,831.24	7,760.46	70.79	110.632		
15,300.00	7,258.37	7,262.56	7,260.70	236.38	31.04	-94.97	3.03	940.48	7,930.94	7,860.08	70.85	111.936		
15,400.00	7,258.54	7,263.30	7,261.43	239.21	31.05	-95.04	3.03	940.47	8,030.64	7,959.72	70.92	113.237		
15,500.00	7,258.72	7,264.03	7,262.17	242.04	31.05	-95.10	3.02	940.47	8,130.35	8,059.36	70.99	114.534		
15,600.00	7,258.90	7,264.77	7,262.90	244.87	31.05	-95.17	3.01	940.46	8,230.06	8,159.01	71.06	115.827		
15,700.00	7,259.08	7,265.50	7,263.64	247.70	31.06	-95.24	3.01	940.46	8,329.79	8,258.66	71.12	117.116		
15,800.00	7,259.25	7,266.24	7,264.37	250.53	31.06	-95.31	3.00	940.45	8,429.52	8,358.32	71.19	118.401		
15,900.00	7,259.43	7,266.97	7,265.11	253.36	31.06	-95.38	3.00	940.45	8,529.25	8,457.99	71.27	119.682		
16,000.00	7,259.61	7,267.70	7,265.84	256.19	31.07	-95.44	2.99	940.45	8,628.99	8,557.65	71.34	120.959		
16,100.00	7,259.78	7,268.44	7,266.57	259.02	31.07	-95.51	2.99	940.44	8,728.74	8,657.33	71.41	122.232		
16,200.00	7,259.96	7,269.17	7,267.31	261.85	31.07	-95.58	2.98	940.44	8,828.49	8,757.01	71.49	123.501		
16,300.00	7,260.14	7,269.91	7,268.04	264.68	31.07	-95.65	2.97	940.43	8,928.25	8,856.69	71.56	124.766		
16,400.00	7,260.32	7,270.64	7,268.78	267.52	31.08	-95.72	2.97	940.43	9,028.02	8,956.38	71.64	126.027		
16,500.00	7,260.49	7,271.38	7,269.51	270.35	31.08	-95.78	2.96	940.43	9,127.78	9,056.07	71.71	127.284		
16,600.00	7,260.67	7,272.11	7,270.25	273.19	31.08	-95.85	2.96	940.42	9,227.56	9,155.77	71.79	128.536		
16,700.00	7,260.85	7,272.85	7,270.98	276.02	31.09	-95.92	2.95	940.42	9,327.34	9,255.47	71.87	129.785		
16,800.00	7,261.02	7,273.58	7,271.72	278.86	31.09	-95.99	2.95	940.41	9,427.12	9,355.17	71.95	131.029		
16,900.00	7,261.20	7,274.32	7,272.45	281.69	31.09	-96.05	2.94	940.41	9,526.91	9,454.88	72.03	132.269		
17,000.00	7,261.38	7,275.05	7,273.19	284.53	31.10	-96.12	2.93	940.41	9,626.70	9,554.59	72.11	133.505		
17,100.00	7,261.56	7,275.79	7,273.92	287.37	31.10	-96.19	2.93	940.40	9,726.50	9,654.31	72.19	134.736		
17,200.00	7,261.73	7,276.52	7,274.66	290.21	31.10	-96.26	2.92	940.40	9,826.30	9,754.03	72.27	135.963		
17,300.00	7,261.91	7,277.25	7,275.39	293.04	31.11	-96.33	2.92	940.39	9,926.10	9,853.75	72.35	137.187		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	107.17	-490.30	1,587.13	1,661.80					
100.00	100.00	59.26	59.26	3.28	3.28	107.16	-490.20	1,587.04	1,661.04	1,654.47	6.57	252.928		
200.00	200.00	155.60	155.59	3.34	3.31	107.15	-489.79	1,586.72	1,660.60	1,653.95	6.65	249.785		
300.00	299.98	251.06	251.05	3.44	3.39	41.64	-489.64	1,586.88	1,659.40	1,652.56	6.83	242.797		
400.00	399.84	353.37	353.37	3.60	3.53	41.82	-489.70	1,586.89	1,655.51	1,648.39	7.13	232.249		
500.00	499.45	444.87	444.86	3.81	3.69	42.08	-489.58	1,586.99	1,649.10	1,641.61	7.49	220.062		
600.00	598.70	528.71	528.70	4.06	3.87	42.40	-488.98	1,588.01	1,640.99	1,633.08	7.92	207.282		
700.00	697.47	613.41	613.38	4.34	4.08	42.81	-488.43	1,589.82	1,631.25	1,622.85	8.40	194.117		
800.00	795.62	697.65	697.58	4.66	4.31	43.32	-487.96	1,592.39	1,619.91	1,610.96	8.94	181.125		
824.00	819.08	719.39	719.30	4.75	4.37	43.46	-487.83	1,593.17	1,616.94	1,607.85	9.09	177.948		
900.00	893.28	788.86	788.72	5.02	4.58	43.78	-487.41	1,595.82	1,607.52	1,597.97	9.55	168.333		
1,000.00	990.92	886.81	886.59	5.40	4.89	44.24	-486.76	1,599.80	1,595.42	1,585.21	10.21	156.202		
1,100.00	1,088.56	982.49	982.18	5.80	5.21	44.70	-485.98	1,603.79	1,583.49	1,572.58	10.91	145.177		
1,200.00	1,186.19	1,068.73	1,068.33	6.21	5.51	45.11	-485.51	1,607.70	1,572.09	1,560.49	11.60	135.543		
1,300.00	1,283.83	1,161.19	1,160.67	6.64	5.84	45.59	-485.81	1,612.32	1,561.52	1,549.19	12.33	126.623		
1,400.00	1,381.47	1,254.77	1,254.12	7.08	6.19	46.07	-485.97	1,617.25	1,551.28	1,538.19	13.09	118.512		
1,500.00	1,479.10	1,346.31	1,345.51	7.53	6.54	46.52	-485.88	1,622.61	1,541.60	1,527.74	13.86	111.237		
1,600.00	1,576.74	1,434.91	1,433.92	7.99	6.89	46.95	-485.34	1,628.44	1,532.50	1,517.87	14.63	104.730		
1,700.00	1,674.38	1,521.85	1,520.61	8.45	7.24	47.36	-484.89	1,634.95	1,524.37	1,508.95	15.41	98.892		
1,800.00	1,772.02	1,618.49	1,616.92	8.92	7.64	47.79	-483.78	1,642.81	1,516.69	1,500.44	16.24	93.366		
1,900.00	1,869.65	1,711.10	1,709.20	9.39	8.03	48.20	-482.86	1,650.62	1,509.43	1,492.36	17.07	88.429		
2,000.00	1,967.29	1,809.02	1,806.78	9.87	8.44	48.68	-482.79	1,658.74	1,502.51	1,484.60	17.92	83.848		
2,100.00	2,064.93	1,913.90	1,911.32	10.35	8.88	49.22	-483.06	1,667.12	1,495.58	1,476.77	18.80	79.541		
2,200.00	2,162.56	2,026.23	2,023.36	10.83	9.34	49.80	-483.24	1,675.21	1,488.00	1,468.27	19.72	75.455		
2,300.00	2,260.20	2,129.51	2,126.40	11.32	9.77	50.34	-482.88	1,682.28	1,480.01	1,459.40	20.61	71.814		
2,400.00	2,357.84	2,231.97	2,228.64	11.80	10.19	50.88	-482.54	1,688.97	1,471.87	1,450.37	21.50	68.461		
2,500.00	2,455.48	2,336.18	2,332.66	12.29	10.62	51.46	-482.60	1,695.26	1,463.60	1,441.20	22.40	65.340		
2,600.00	2,553.11	2,441.81	2,438.13	12.78	11.05	52.08	-482.99	1,700.85	1,454.95	1,431.64	23.31	62.423		
2,700.00	2,650.75	2,539.86	2,536.06	13.27	11.45	52.67	-483.26	1,705.80	1,446.20	1,422.01	24.19	59.780		
2,800.00	2,748.39	2,630.64	2,626.71	13.77	11.82	53.21	-483.52	1,710.70	1,437.92	1,412.87	25.05	57.393		
2,900.00	2,846.02	2,720.59	2,716.49	14.26	12.20	53.75	-483.94	1,716.17	1,430.47	1,404.55	25.92	55.197		
3,000.00	2,943.66	2,817.80	2,813.50	14.76	12.60	54.33	-484.46	1,722.32	1,423.40	1,396.59	26.81	53.095		
3,100.00	3,041.30	2,908.70	2,904.20	15.25	12.99	54.88	-485.14	1,728.35	1,416.87	1,389.19	27.68	51.188		
3,200.00	3,138.94	3,005.05	3,000.31	15.75	13.39	55.47	-486.03	1,735.05	1,410.86	1,382.29	28.57	49.374		
3,300.00	3,236.57	3,115.18	3,110.17	16.25	13.86	56.12	-486.17	1,742.79	1,404.67	1,375.14	29.53	47.571		
3,400.00	3,334.21	3,204.61	3,199.37	16.75	14.24	56.64	-486.15	1,749.22	1,398.66	1,368.26	30.40	46.005		
3,500.00	3,431.85	3,302.93	3,297.44	17.25	14.66	57.24	-486.64	1,756.23	1,393.04	1,361.73	31.31	44.487		
3,600.00	3,529.48	3,409.85	3,404.12	17.75	15.11	57.91	-487.41	1,763.33	1,387.30	1,355.04	32.26	43.003		
3,700.00	3,627.12	3,498.86	3,492.94	18.25	15.49	58.49	-488.36	1,769.17	1,381.84	1,348.70	33.14	41.700		
3,800.00	3,724.76	3,581.88	3,575.73	18.75	15.84	59.04	-489.80	1,775.08	1,377.39	1,343.40	33.99	40.523		
3,900.00	3,822.40	3,662.66	3,656.22	19.25	16.19	59.59	-491.92	1,781.51	1,374.32	1,339.49	34.83	39.458		
4,000.00	3,920.03	3,747.73	3,740.91	19.75	16.56	60.19	-495.14	1,788.88	1,372.67	1,336.98	35.69	38.465		
4,100.00	4,017.67	3,841.46	3,834.18	20.25	16.97	60.88	-499.84	1,796.94	1,371.90	1,335.31	36.59	37.499		
4,200.00	4,115.31	3,944.41	3,936.61	20.76	17.42	61.64	-504.81	1,805.86	1,371.33	1,333.80	37.53	36.537		
4,300.00	4,212.94	4,051.39	4,043.12	21.26	17.89	62.42	-509.47	1,814.84	1,370.46	1,331.96	38.50	35.595		
4,400.00	4,310.58	4,155.78	4,147.09	21.76	18.34	63.18	-513.45	1,823.28	1,369.24	1,329.79	39.46	34.702		
4,500.00	4,408.22	4,259.11	4,250.04	22.27	18.79	63.93	-517.31	1,831.26	1,367.93	1,327.52	40.41	33.851		
4,600.00	4,505.86	4,367.14	4,357.70	22.77	19.26	64.69	-520.51	1,839.60	1,366.34	1,324.95	41.39	33.014		
4,700.00	4,603.49	4,487.70	4,477.97	23.28	19.77	65.59	-523.93	1,847.28	1,363.89	1,321.47	42.41	32.156		
4,800.00	4,701.13	4,611.52	4,601.63	23.78	20.29	66.54	-526.57	1,852.90	1,359.84	1,316.39	43.44	31.301		
4,900.00	4,798.77	4,717.44	4,707.47	24.28	20.73	67.39	-528.35	1,856.55	1,354.96	1,310.55	44.40	30.516		
5,000.00	4,896.40	4,831.66	4,821.65	24.79	21.20	68.32	-529.72	1,859.32	1,349.27	1,303.89	45.39	29.729		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	4,937.20	4,927.17	25.30	21.64	69.20	-530.51	1,861.11	1,343.05	1,296.71	46.34	28.982		
5,200.00	5,091.68	5,041.02	5,030.97	25.80	22.06	70.07	-530.97	1,862.51	1,336.66	1,289.37	47.29	28.265		
5,300.00	5,189.32	5,138.14	5,128.09	26.31	22.47	70.91	-531.30	1,863.41	1,330.21	1,281.98	48.22	27.586		
5,400.00	5,286.95	5,225.04	5,214.98	26.81	22.82	71.67	-532.15	1,864.35	1,324.60	1,275.48	49.12	26.965		
5,500.00	5,384.59	5,311.55	5,301.47	27.32	23.18	72.46	-533.98	1,865.40	1,320.23	1,270.20	50.02	26.393		
5,600.00	5,482.23	5,414.63	5,404.52	27.82	23.61	73.42	-536.38	1,866.65	1,316.35	1,265.37	50.98	25.821		
5,700.00	5,579.87	5,519.73	5,509.59	28.33	24.05	74.37	-538.05	1,868.00	1,312.30	1,260.36	51.94	25.265		
5,800.00	5,677.50	5,621.38	5,611.23	28.84	24.47	75.29	-539.15	1,869.18	1,308.13	1,255.24	52.89	24.732		
5,900.00	5,775.14	5,717.76	5,707.59	29.34	24.87	76.15	-539.87	1,870.65	1,304.25	1,250.43	53.82	24.231		
6,000.00	5,872.78	5,816.34	5,806.16	29.85	25.28	77.02	-540.44	1,872.41	1,300.71	1,245.95	54.77	23.751		
6,100.00	5,970.41	5,918.73	5,908.53	30.36	25.71	77.93	-541.06	1,873.92	1,297.32	1,241.60	55.72	23.283		
6,200.00	6,068.05	6,024.90	6,014.69	30.86	26.15	78.91	-541.47	1,874.70	1,293.64	1,236.95	56.68	22.822		
6,300.00	6,165.69	6,123.42	6,113.21	31.37	26.56	79.82	-541.56	1,875.39	1,290.04	1,232.42	57.62	22.387		
6,400.00	6,263.33	6,225.11	6,214.91	31.88	26.98	80.78	-541.75	1,875.65	1,286.63	1,228.05	58.58	21.965		
6,500.00	6,360.96	6,328.80	6,318.59	32.38	27.42	81.80	-542.02	1,874.89	1,283.08	1,223.55	59.53	21.553		
6,600.00	6,458.60	6,426.22	6,416.00	32.89	27.82	82.79	-542.39	1,873.65	1,279.75	1,219.28	60.47	21.164		
6,628.42	6,486.35	6,453.82	6,443.60	33.04	27.94	83.07	-542.55	1,873.22	1,278.87	1,218.14	60.73	21.057		
6,650.00	6,507.49	6,474.83	6,464.60	33.14	28.03	87.55	-542.68	1,872.88	1,278.43	1,217.49	60.93	20.980		
6,663.28	6,520.55	6,487.82	6,477.59	33.20	28.08	91.07	-542.77	1,872.65	1,278.35	1,217.30	61.05	20.938 CC, ES		
6,700.00	6,556.88	6,524.23	6,513.99	33.37	28.23	105.69	-543.03	1,872.00	1,278.92	1,217.54	61.38	20.836		
6,750.00	6,606.60	6,574.32	6,564.08	33.58	28.44	144.74	-543.38	1,871.08	1,281.48	1,219.68	61.80	20.736		
6,800.00	6,656.35	6,625.02	6,614.77	33.76	28.65	-172.52	-543.73	1,870.12	1,286.04	1,223.84	62.20	20.676		
6,850.00	6,705.83	6,676.06	6,665.79	33.94	28.87	-151.53	-544.12	1,868.97	1,292.52	1,229.94	62.59	20.652 SF		
6,900.00	6,754.72	6,726.88	6,716.60	34.12	29.08	-141.58	-544.57	1,867.63	1,300.90	1,237.94	62.96	20.661		
6,950.00	6,802.72	6,777.21	6,766.90	34.31	29.29	-135.95	-545.07	1,866.04	1,311.14	1,247.80	63.34	20.700		
7,000.00	6,849.54	6,826.25	6,815.90	34.50	29.50	-132.27	-545.61	1,864.28	1,323.23	1,259.51	63.71	20.769		
7,050.00	6,894.89	6,873.66	6,863.28	34.71	29.70	-129.59	-546.08	1,862.57	1,337.19	1,273.11	64.08	20.869		
7,100.00	6,938.49	6,919.69	6,909.28	34.93	29.89	-127.48	-546.48	1,860.90	1,353.03	1,288.60	64.44	20.998		
7,150.00	6,980.07	6,964.27	6,953.82	35.17	30.08	-125.67	-546.88	1,859.14	1,370.76	1,305.97	64.79	21.157		
7,200.00	7,019.38	7,007.34	6,996.85	35.43	30.26	-124.02	-547.31	1,857.27	1,390.37	1,325.23	65.14	21.344		
7,250.00	7,056.17	7,050.69	7,040.15	35.71	30.45	-122.47	-547.68	1,855.26	1,411.80	1,346.31	65.49	21.558		
7,300.00	7,090.21	7,091.31	7,080.71	36.03	30.62	-120.88	-547.93	1,853.26	1,435.03	1,369.21	65.83	21.799		
7,350.00	7,121.30	7,125.38	7,114.74	36.37	30.76	-119.07	-548.09	1,851.52	1,460.09	1,393.94	66.15	22.072		
7,400.00	7,149.25	7,155.38	7,144.71	36.75	30.89	-117.04	-548.23	1,849.99	1,487.00	1,420.54	66.46	22.374		
7,450.00	7,173.87	7,182.19	7,171.47	37.17	31.01	-114.75	-548.35	1,848.62	1,515.68	1,448.93	66.76	22.705		
7,500.00	7,195.03	7,205.62	7,194.87	37.62	31.11	-112.15	-548.46	1,847.42	1,546.05	1,479.01	67.04	23.063		
7,550.00	7,212.58	7,225.53	7,214.76	38.11	31.20	-109.19	-548.55	1,846.40	1,577.96	1,510.66	67.30	23.447		
7,600.00	7,226.43	7,241.81	7,231.02	38.64	31.27	-105.84	-548.63	1,845.57	1,611.28	1,543.74	67.54	23.855		
7,650.00	7,236.48	7,254.35	7,243.54	39.20	31.32	-102.07	-548.69	1,844.93	1,645.82	1,578.06	67.77	24.286		
7,700.00	7,242.68	7,263.07	7,252.25	39.79	31.36	-97.90	-548.73	1,844.49	1,681.40	1,613.43	67.97	24.738		
7,753.32	7,245.00	7,268.10	7,257.27	40.44	31.38	-93.02	-548.75	1,844.23	1,720.23	1,652.07	68.15	25.241		
7,800.00	7,245.08	7,270.57	7,259.74	41.04	31.39	-93.14	-548.76	1,844.10	1,754.82	1,686.52	68.30	25.691		
7,900.00	7,245.26	7,275.85	7,265.02	42.43	31.41	-93.40	-548.79	1,843.83	1,830.73	1,762.09	68.64	26.672		
8,000.00	7,245.43	7,281.14	7,270.30	43.97	31.43	-93.66	-548.81	1,843.56	1,908.85	1,839.87	68.97	27.675		
8,100.00	7,245.61	7,286.43	7,275.58	45.64	31.46	-93.92	-548.84	1,843.29	1,988.91	1,919.60	69.31	28.697		
8,200.00	7,245.79	7,291.71	7,280.86	47.42	31.48	-94.18	-548.86	1,843.02	2,070.69	2,001.06	69.63	29.737		
8,300.00	7,245.97	7,297.00	7,286.14	49.30	31.50	-94.44	-548.88	1,842.75	2,154.00	2,084.05	69.95	30.793		
8,400.00	7,246.14	7,302.29	7,291.42	51.28	31.53	-94.69	-548.91	1,842.48	2,238.66	2,168.41	70.26	31.864		
8,500.00	7,246.32	7,307.57	7,296.70	53.34	31.55	-94.95	-548.93	1,842.21	2,324.53	2,253.98	70.55	32.949		
8,600.00	7,246.50	7,312.86	7,301.98	55.46	31.57	-95.21	-548.96	1,841.94	2,411.48	2,340.65	70.83	34.045		
8,700.00	7,246.67	7,318.15	7,307.25	57.66	31.59	-95.47	-548.98	1,841.67	2,499.40	2,428.29	71.10	35.153		
8,800.00	7,246.85	7,323.43	7,312.53	59.90	31.62	-95.72	-549.01	1,841.40	2,588.17	2,516.82	71.36	36.270		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,900.00	7,247.03	7,328.72	7,317.81	62.20	31.64	-95.98	-549.03	1,841.13	2,677.74	2,606.13	71.60	37.397		
9,000.00	7,247.21	7,334.01	7,323.09	64.55	31.66	-96.24	-549.05	1,840.86	2,768.00	2,696.16	71.84	38.532		
9,100.00	7,247.38	7,339.29	7,328.37	66.93	31.69	-96.49	-549.08	1,840.59	2,858.90	2,786.84	72.06	39.674		
9,200.00	7,247.56	7,344.58	7,333.65	69.35	31.71	-96.75	-549.10	1,840.32	2,950.39	2,878.11	72.27	40.822		
9,300.00	7,247.74	7,349.87	7,338.93	71.80	31.73	-97.01	-549.13	1,840.05	3,042.40	2,969.92	72.48	41.977		
9,400.00	7,247.91	7,355.15	7,344.21	74.29	31.75	-97.26	-549.15	1,839.78	3,134.89	3,062.21	72.67	43.136		
9,500.00	7,248.09	7,360.44	7,349.49	76.79	31.78	-97.52	-549.18	1,839.51	3,227.82	3,154.96	72.86	44.301		
9,600.00	7,248.27	7,365.73	7,354.77	79.33	31.80	-97.77	-549.20	1,839.24	3,321.15	3,248.11	73.04	45.470		
9,700.00	7,248.45	7,371.01	7,360.05	81.88	31.82	-98.03	-549.23	1,838.97	3,414.85	3,341.64	73.21	46.642		
9,800.00	7,248.62	7,376.30	7,365.33	84.45	31.84	-98.28	-549.25	1,838.70	3,508.89	3,435.51	73.38	47.818		
9,900.00	7,248.80	7,381.59	7,370.61	87.04	31.87	-98.53	-549.27	1,838.43	3,603.24	3,529.70	73.54	48.997		
10,000.00	7,248.98	7,386.87	7,375.89	89.65	31.89	-98.79	-549.30	1,838.16	3,697.89	3,624.19	73.70	50.178		
10,100.00	7,249.15	7,392.16	7,381.17	92.28	31.91	-99.04	-549.32	1,837.89	3,792.80	3,718.95	73.84	51.362		
10,200.00	7,249.33	7,397.45	7,386.45	94.91	31.94	-99.29	-549.35	1,837.62	3,887.96	3,813.97	73.99	52.547		
10,300.00	7,249.51	7,402.73	7,391.73	97.56	31.96	-99.55	-549.37	1,837.35	3,983.35	3,909.22	74.13	53.735		
10,400.00	7,249.69	7,408.02	7,397.01	100.22	31.98	-99.80	-549.40	1,837.08	4,078.95	4,004.68	74.27	54.923		
10,500.00	7,249.86	7,383.00	7,372.02	102.89	31.87	-98.60	-549.28	1,838.36	4,174.86	4,100.52	74.34	56.158		
10,600.00	7,250.04	7,383.00	7,372.02	105.57	31.87	-98.60	-549.28	1,838.36	4,270.89	4,196.43	74.46	57.359		
10,700.00	7,250.22	7,383.00	7,372.02	108.27	31.87	-98.60	-549.28	1,838.36	4,367.09	4,292.52	74.57	58.561		
10,800.00	7,250.39	7,383.00	7,372.02	110.96	31.87	-98.60	-549.28	1,838.36	4,463.46	4,388.78	74.68	59.764		
10,900.00	7,250.57	7,383.00	7,372.02	113.67	31.87	-98.60	-549.28	1,838.36	4,559.99	4,485.20	74.79	60.969		
11,000.00	7,250.75	7,383.00	7,372.02	116.39	31.87	-98.60	-549.28	1,838.36	4,656.67	4,581.77	74.90	62.173		
11,100.00	7,250.93	7,383.00	7,372.02	119.11	31.87	-98.60	-549.28	1,838.36	4,753.48	4,678.48	75.00	63.379		
11,200.00	7,251.10	7,383.00	7,372.02	121.83	31.87	-98.60	-549.28	1,838.36	4,850.42	4,775.32	75.10	64.585		
11,300.00	7,251.28	7,383.00	7,372.02	124.57	31.87	-98.60	-549.28	1,838.36	4,947.48	4,872.28	75.20	65.791		
11,400.00	7,251.46	7,383.00	7,372.02	127.31	31.87	-98.60	-549.28	1,838.36	5,044.66	4,969.36	75.30	66.998		
11,500.00	7,251.63	7,383.00	7,372.02	130.05	31.87	-98.60	-549.28	1,838.36	5,141.95	5,066.56	75.39	68.204		
11,600.00	7,251.81	7,383.00	7,372.02	132.80	31.87	-98.60	-549.28	1,838.36	5,239.34	5,163.85	75.48	69.410		
11,700.00	7,251.99	7,383.00	7,372.02	135.55	31.87	-98.60	-549.28	1,838.36	5,336.82	5,261.25	75.57	70.617		
11,800.00	7,252.17	7,383.00	7,372.02	138.31	31.87	-98.60	-549.28	1,838.36	5,434.40	5,358.73	75.66	71.822		
11,900.00	7,252.34	7,383.00	7,372.02	141.07	31.87	-98.60	-549.28	1,838.36	5,532.06	5,456.31	75.75	73.028		
12,000.00	7,252.52	7,383.00	7,372.02	143.84	31.87	-98.60	-549.28	1,838.36	5,629.80	5,553.96	75.84	74.233		
12,100.00	7,252.70	7,383.00	7,372.02	146.61	31.87	-98.60	-549.28	1,838.36	5,727.63	5,651.70	75.93	75.437		
12,200.00	7,252.87	7,383.00	7,372.02	149.38	31.87	-98.60	-549.28	1,838.36	5,825.52	5,749.51	76.01	76.641		
12,300.00	7,253.05	7,383.00	7,372.02	152.16	31.87	-98.60	-549.28	1,838.36	5,923.49	5,847.40	76.09	77.844		
12,400.00	7,253.23	7,383.00	7,372.02	154.94	31.87	-98.60	-549.28	1,838.36	6,021.52	5,945.35	76.18	79.046		
12,500.00	7,253.41	7,383.00	7,372.02	157.72	31.87	-98.60	-549.28	1,838.36	6,119.62	6,043.36	76.26	80.247		
12,600.00	7,253.58	7,383.00	7,372.02	160.51	31.87	-98.60	-549.28	1,838.36	6,217.78	6,141.44	76.34	81.447		
12,700.00	7,253.76	7,383.00	7,372.02	163.29	31.87	-98.60	-549.28	1,838.36	6,316.00	6,239.57	76.42	82.646		
12,800.00	7,253.94	7,383.00	7,372.02	166.08	31.87	-98.60	-549.28	1,838.36	6,414.27	6,337.76	76.50	83.844		
12,900.00	7,254.11	7,383.00	7,372.02	168.88	31.87	-98.60	-549.28	1,838.36	6,512.59	6,436.01	76.58	85.040		
13,000.00	7,254.29	7,383.00	7,372.02	171.67	31.87	-98.60	-549.28	1,838.36	6,610.96	6,534.30	76.66	86.236		
13,100.00	7,254.47	7,383.00	7,372.02	174.47	31.87	-98.60	-549.28	1,838.36	6,709.39	6,632.65	76.74	87.430		
13,200.00	7,254.65	7,383.00	7,372.02	177.27	31.87	-98.60	-549.28	1,838.36	6,807.85	6,731.04	76.82	88.622		
13,300.00	7,254.82	7,383.00	7,372.02	180.07	31.87	-98.60	-549.28	1,838.36	6,906.37	6,829.47	76.90	89.813		
13,400.00	7,255.00	7,383.00	7,372.02	182.87	31.87	-98.60	-549.28	1,838.36	7,004.92	6,927.95	76.97	91.003		
13,500.00	7,255.18	7,383.00	7,372.02	185.67	31.87	-98.60	-549.28	1,838.36	7,103.52	7,026.46	77.05	92.191		
13,600.00	7,255.35	7,383.00	7,372.02	188.48	31.87	-98.60	-549.28	1,838.36	7,202.15	7,125.02	77.13	93.377		
13,700.00	7,255.53	7,383.00	7,372.02	191.29	31.87	-98.60	-549.28	1,838.36	7,300.82	7,223.61	77.21	94.562		
13,800.00	7,255.71	7,383.00	7,372.02	194.10	31.87	-98.60	-549.28	1,838.36	7,399.53	7,322.24	77.28	95.745		
13,900.00	7,255.89	7,383.00	7,372.02	196.91	31.87	-98.60	-549.28	1,838.36	7,498.27	7,420.91	77.36	96.926		
14,000.00	7,256.06	7,383.00	7,372.02	199.72	31.87	-98.60	-549.28	1,838.36	7,597.04	7,519.60	77.44	98.105		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,383.00	7,372.02	202.53	31.87	-98.60	-549.28	1,838.36	7,695.84	7,618.33	77.51	99.283		
14,200.00	7,256.42	7,383.00	7,372.02	205.35	31.87	-98.60	-549.28	1,838.36	7,794.68	7,717.09	77.59	100.458		
14,300.00	7,256.59	7,383.00	7,372.02	208.16	31.87	-98.60	-549.28	1,838.36	7,893.55	7,815.88	77.67	101.632		
14,400.00	7,256.77	7,383.00	7,372.02	210.98	31.87	-98.60	-549.28	1,838.36	7,992.44	7,914.69	77.74	102.803		
14,500.00	7,256.95	7,383.00	7,372.02	213.80	31.87	-98.60	-549.28	1,838.36	8,091.36	8,013.54	77.82	103.973		
14,600.00	7,257.13	7,383.00	7,372.02	216.62	31.87	-98.60	-549.28	1,838.36	8,190.31	8,112.41	77.90	105.140		
14,700.00	7,257.30	7,383.00	7,372.02	219.44	31.87	-98.60	-549.28	1,838.36	8,289.28	8,211.30	77.98	106.306		
14,800.00	7,257.48	7,383.00	7,372.02	222.26	31.87	-98.60	-549.28	1,838.36	8,388.27	8,310.22	78.05	107.469		
14,900.00	7,257.66	7,383.00	7,372.02	225.08	31.87	-98.60	-549.28	1,838.36	8,487.29	8,409.16	78.13	108.630		
15,000.00	7,257.83	7,383.00	7,372.02	227.91	31.87	-98.60	-549.28	1,838.36	8,586.34	8,508.13	78.21	109.789		
15,100.00	7,258.01	7,383.00	7,372.02	230.73	31.87	-98.60	-549.28	1,838.36	8,685.40	8,607.11	78.29	110.945		
15,200.00	7,258.19	7,383.00	7,372.02	233.56	31.87	-98.60	-549.28	1,838.36	8,784.49	8,706.12	78.36	112.099		
15,300.00	7,258.37	7,383.00	7,372.02	236.38	31.87	-98.60	-549.28	1,838.36	8,883.59	8,805.15	78.44	113.251		
15,400.00	7,258.54	7,383.00	7,372.02	239.21	31.87	-98.60	-549.28	1,838.36	8,982.72	8,904.20	78.52	114.401		
15,500.00	7,258.72	7,383.00	7,372.02	242.04	31.87	-98.60	-549.28	1,838.36	9,081.86	9,003.27	78.60	115.548		
15,600.00	7,258.90	7,383.00	7,372.02	244.87	31.87	-98.60	-549.28	1,838.36	9,181.03	9,102.35	78.68	116.693		
15,700.00	7,259.08	7,383.00	7,372.02	247.70	31.87	-98.60	-549.28	1,838.36	9,280.21	9,201.45	78.76	117.835		
15,800.00	7,259.25	7,383.00	7,372.02	250.53	31.87	-98.60	-549.28	1,838.36	9,379.41	9,300.57	78.84	118.975		
15,900.00	7,259.43	7,383.00	7,372.02	253.36	31.87	-98.60	-549.28	1,838.36	9,478.62	9,399.71	78.91	120.112		
16,000.00	7,259.61	7,383.00	7,372.02	256.19	31.87	-98.60	-549.28	1,838.36	9,577.86	9,498.86	78.99	121.247		
16,100.00	7,259.78	7,383.00	7,372.02	259.02	31.87	-98.60	-549.28	1,838.36	9,677.10	9,598.03	79.07	122.379		
16,200.00	7,259.96	7,383.00	7,372.02	261.85	31.87	-98.60	-549.28	1,838.36	9,776.37	9,697.21	79.16	123.508		
16,300.00	7,260.14	7,383.00	7,372.02	264.68	31.87	-98.60	-549.28	1,838.36	9,875.65	9,796.41	79.24	124.635		
16,400.00	7,260.32	7,383.00	7,372.02	267.52	31.87	-98.60	-549.28	1,838.36	9,974.94	9,895.62	79.32	125.760		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	-163.30	-3,441.94	-1,032.44	3,593.53					
100.00	100.00	75.00	75.00	3.28	3.53	-163.30	-3,441.94	-1,032.44	3,593.45	3,586.63	6.82	527.183		
200.00	200.00	175.00	175.00	3.34	5.46	-163.30	-3,441.94	-1,032.44	3,593.45	3,584.65	8.80	408.530 CC		
300.00	299.98	274.98	274.98	3.44	8.51	131.14	-3,441.94	-1,032.44	3,594.59	3,582.64	11.96	300.672		
400.00	399.84	374.84	374.84	3.60	11.80	131.15	-3,441.94	-1,032.44	3,598.04	3,582.63	15.41	233.535 ES		
500.00	499.45	474.45	474.45	3.81	15.18	131.17	-3,441.94	-1,032.44	3,603.79	3,584.81	18.98	189.833		
600.00	598.70	573.70	573.70	4.06	18.57	131.19	-3,441.94	-1,032.44	3,611.85	3,589.22	22.63	159.602		
700.00	697.47	672.47	672.47	4.34	21.98	131.22	-3,441.94	-1,032.44	3,622.23	3,595.91	26.32	137.629		
800.00	795.62	770.62	770.62	4.66	25.37	131.25	-3,441.94	-1,032.44	3,634.94	3,604.90	30.03	121.030		
824.00	819.08	805.92	794.08	4.75	26.59	131.26	-3,441.94	-1,032.44	3,638.33	3,606.99	31.34	116.094		
900.00	893.28	868.28	868.28	5.02	28.75	131.45	-3,441.94	-1,032.44	3,649.33	3,615.56	33.77	108.074		
1,000.00	990.92	965.92	965.92	5.40	32.14	131.70	-3,441.94	-1,032.44	3,663.86	3,626.34	37.53	97.637		
1,100.00	1,088.56	1,063.56	1,063.56	5.80	35.54	131.95	-3,441.94	-1,032.44	3,678.46	3,637.16	41.31	89.055		
1,200.00	1,186.19	1,161.19	1,161.19	6.21	38.93	132.20	-3,441.94	-1,032.44	3,693.13	3,648.03	45.10	81.881		
1,300.00	1,283.83	1,258.83	1,258.83	6.64	42.33	132.44	-3,441.94	-1,032.44	3,707.87	3,658.96	48.92	75.800		
1,400.00	1,381.47	1,356.47	1,356.47	7.08	45.73	132.68	-3,441.94	-1,032.44	3,722.68	3,669.94	52.74	70.585		
1,500.00	1,479.10	1,454.10	1,454.10	7.53	49.13	132.92	-3,441.94	-1,032.44	3,737.55	3,680.97	56.57	66.064		
1,600.00	1,576.74	1,551.74	1,551.74	7.99	52.53	133.16	-3,441.94	-1,032.44	3,752.49	3,692.07	60.42	62.111		
1,700.00	1,674.38	1,649.38	1,649.38	8.45	55.93	133.40	-3,441.94	-1,032.44	3,767.49	3,703.22	64.26	58.625		
1,800.00	1,772.02	1,747.02	1,747.02	8.92	59.33	133.63	-3,441.94	-1,032.44	3,782.55	3,714.44	68.12	55.530		
1,900.00	1,869.65	1,844.65	1,844.65	9.39	62.74	133.87	-3,441.94	-1,032.44	3,797.68	3,725.71	71.98	52.764		
2,000.00	1,967.29	1,942.29	1,942.29	9.87	66.14	134.10	-3,441.94	-1,032.44	3,812.87	3,737.04	75.84	50.277		
2,100.00	2,064.93	2,039.93	2,039.93	10.35	69.55	134.33	-3,441.94	-1,032.44	3,828.13	3,748.42	79.70	48.030		
2,200.00	2,162.56	2,137.56	2,137.56	10.83	72.95	134.55	-3,441.94	-1,032.44	3,843.44	3,759.87	83.57	45.991		
2,300.00	2,260.20	2,235.20	2,235.20	11.32	76.36	134.78	-3,441.94	-1,032.44	3,858.81	3,771.37	87.44	44.131		
2,400.00	2,357.84	2,332.84	2,332.84	11.80	79.76	135.00	-3,441.94	-1,032.44	3,874.25	3,782.93	91.31	42.428		
2,500.00	2,455.48	2,430.48	2,430.48	12.29	83.17	135.23	-3,441.94	-1,032.44	3,889.74	3,794.55	95.19	40.864		
2,600.00	2,553.11	2,528.11	2,528.11	12.78	86.57	135.45	-3,441.94	-1,032.44	3,905.29	3,806.23	99.06	39.422		
2,700.00	2,650.75	2,625.75	2,625.75	13.27	89.98	135.67	-3,441.94	-1,032.44	3,920.90	3,817.96	102.94	38.089		
2,800.00	2,748.39	2,723.39	2,723.39	13.77	93.39	135.88	-3,441.94	-1,032.44	3,936.56	3,829.74	106.82	36.853		
2,900.00	2,846.02	2,821.02	2,821.02	14.26	96.79	136.10	-3,441.94	-1,032.44	3,952.28	3,841.59	110.70	35.703		
3,000.00	2,943.66	2,918.66	2,918.66	14.76	100.20	136.31	-3,441.94	-1,032.44	3,968.06	3,853.48	114.58	34.632		
3,100.00	3,041.30	3,016.30	3,016.30	15.25	103.61	136.53	-3,441.94	-1,032.44	3,983.89	3,865.43	118.46	33.631		
3,200.00	3,138.94	3,113.94	3,113.94	15.75	107.01	136.74	-3,441.94	-1,032.44	3,999.78	3,877.43	122.34	32.693		
3,300.00	3,236.57	3,211.57	3,211.57	16.25	110.42	136.95	-3,441.94	-1,032.44	4,015.71	3,889.49	126.22	31.814		
3,400.00	3,334.21	3,309.21	3,309.21	16.75	113.83	137.15	-3,441.94	-1,032.44	4,031.71	3,901.60	130.11	30.988		
3,500.00	3,431.85	3,406.85	3,406.85	17.25	117.23	137.36	-3,441.94	-1,032.44	4,047.75	3,913.76	133.99	30.209		
3,600.00	3,529.48	3,504.48	3,504.48	17.75	120.64	137.56	-3,441.94	-1,032.44	4,063.84	3,925.97	137.87	29.475		
3,700.00	3,627.12	3,602.12	3,602.12	18.25	124.05	137.77	-3,441.94	-1,032.44	4,079.99	3,938.23	141.76	28.781		
3,800.00	3,724.76	3,700.24	3,699.76	18.75	127.47	137.97	-3,441.94	-1,032.44	4,096.19	3,950.53	145.66	28.122		
3,900.00	3,822.40	3,802.60	3,797.40	19.25	131.04	138.17	-3,441.94	-1,032.44	4,112.43	3,962.72	149.71	27.469		
4,000.00	3,920.03	3,904.97	3,895.03	19.75	134.62	138.36	-3,441.94	-1,032.44	4,128.73	3,974.97	153.76	26.852		
4,100.00	4,017.67	4,007.33	3,992.67	20.25	138.19	138.56	-3,441.94	-1,032.44	4,145.07	3,987.26	157.81	26.266		
4,200.00	4,115.31	4,109.69	4,090.31	20.76	141.76	138.75	-3,441.94	-1,032.44	4,161.46	3,999.60	161.86	25.710		
4,300.00	4,212.94	4,187.94	4,187.94	21.26	144.49	138.95	-3,441.94	-1,032.44	4,177.90	4,012.83	165.07	25.310		
4,400.00	4,310.58	4,285.58	4,285.58	21.76	147.90	139.14	-3,441.94	-1,032.44	4,194.39	4,025.44	168.96	24.825		
4,500.00	4,408.22	4,383.22	4,383.22	22.27	151.31	139.33	-3,441.94	-1,032.44	4,210.92	4,038.08	172.84	24.363		
4,600.00	4,505.86	4,480.86	4,480.86	22.77	154.72	139.52	-3,441.94	-1,032.44	4,227.50	4,050.77	176.73	23.921		
4,700.00	4,603.49	4,578.49	4,578.49	23.28	158.12	139.71	-3,441.94	-1,032.44	4,244.13	4,063.51	180.61	23.498		
4,800.00	4,701.13	4,676.13	4,676.13	23.78	161.53	139.89	-3,441.94	-1,032.44	4,260.79	4,076.30	184.50	23.094		
4,900.00	4,798.77	4,773.77	4,773.77	24.28	164.94	140.08	-3,441.94	-1,032.44	4,277.51	4,089.12	188.38	22.706		
5,000.00	4,896.40	4,871.40	4,871.40	24.79	168.35	140.26	-3,441.94	-1,032.44	4,294.26	4,101.99	192.27	22.334		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	4,969.04	4,969.04	25.30	171.76	140.44	-3,441.94	-1,032.44	4,311.06	4,114.91	196.16	21.978		
5,200.00	5,091.68	5,066.68	5,066.68	25.80	175.16	140.62	-3,441.94	-1,032.44	4,327.91	4,127.86	200.04	21.635		
5,300.00	5,189.32	5,164.32	5,164.32	26.31	178.57	140.80	-3,441.94	-1,032.44	4,344.79	4,140.86	203.93	21.305		
5,400.00	5,286.95	5,261.95	5,261.95	26.81	181.98	140.98	-3,441.94	-1,032.44	4,361.72	4,153.90	207.81	20.988		
5,500.00	5,384.59	5,359.59	5,359.59	27.32	185.39	141.16	-3,441.94	-1,032.44	4,378.68	4,166.98	211.70	20.683		
5,600.00	5,482.23	5,457.23	5,457.23	27.82	188.80	141.33	-3,441.94	-1,032.44	4,395.69	4,180.10	215.59	20.389		
5,700.00	5,579.87	5,554.87	5,554.87	28.33	192.20	141.51	-3,441.94	-1,032.44	4,412.74	4,193.27	219.47	20.106		
5,800.00	5,677.50	5,652.50	5,652.50	28.84	195.61	141.68	-3,441.94	-1,032.44	4,429.83	4,206.47	223.36	19.833		
5,900.00	5,775.14	5,750.14	5,750.14	29.34	199.02	141.85	-3,441.94	-1,032.44	4,446.96	4,219.71	227.24	19.569		
6,000.00	5,872.78	5,847.78	5,847.78	29.85	202.43	142.02	-3,441.94	-1,032.44	4,464.12	4,232.99	231.13	19.314		
6,100.00	5,970.41	5,945.41	5,945.41	30.36	205.84	142.19	-3,441.94	-1,032.44	4,481.33	4,246.31	235.02	19.068		
6,200.00	6,068.05	6,043.05	6,043.05	30.86	209.24	142.35	-3,441.94	-1,032.44	4,498.57	4,259.67	238.90	18.830		
6,300.00	6,165.69	6,140.69	6,140.69	31.37	212.65	142.52	-3,441.94	-1,032.44	4,515.85	4,273.06	242.79	18.600		
6,400.00	6,263.33	6,238.33	6,238.33	31.88	216.06	142.69	-3,441.94	-1,032.44	4,533.17	4,286.50	246.67	18.377		
6,500.00	6,360.96	6,335.96	6,335.96	32.38	219.47	142.85	-3,441.94	-1,032.44	4,550.52	4,299.96	250.56	18.162		
6,600.00	6,458.60	6,433.60	6,433.60	32.89	222.88	143.01	-3,441.94	-1,032.44	4,567.91	4,313.47	254.44	17.953		
6,628.42	6,486.35	6,461.35	6,461.35	33.04	223.84	143.06	-3,441.94	-1,032.44	4,572.86	4,317.32	255.55	17.894		
6,650.00	6,507.49	6,482.49	6,482.49	33.14	224.58	147.69	-3,441.94	-1,032.44	4,576.45	4,320.07	256.39	17.850		
6,700.00	6,556.88	6,531.88	6,531.88	33.37	226.31	166.00	-3,441.94	-1,032.44	4,583.45	4,325.11	258.33	17.742		
6,750.00	6,606.60	6,581.60	6,581.60	33.58	228.04	-154.98	-3,441.94	-1,032.44	4,588.55	4,328.28	260.27	17.630		
6,800.00	6,656.35	6,631.35	6,631.35	33.76	229.78	-112.48	-3,441.94	-1,032.44	4,591.74	4,329.54	262.21	17.512		
6,850.00	6,705.83	6,680.83	6,680.83	33.94	231.51	-91.92	-3,441.94	-1,032.44	4,593.01	4,328.89	264.12	17.390		
6,900.00	6,754.72	6,729.72	6,729.72	34.12	233.21	-82.61	-3,441.94	-1,032.44	4,592.35	4,326.33	266.01	17.264		
6,950.00	6,802.72	6,777.72	6,777.72	34.31	234.89	-77.82	-3,441.94	-1,032.44	4,589.79	4,321.91	267.88	17.134		
7,000.00	6,849.54	6,824.54	6,824.54	34.50	236.52	-75.19	-3,441.94	-1,032.44	4,585.39	4,315.68	269.70	17.002		
7,050.00	6,894.89	6,869.89	6,869.89	34.71	238.11	-73.80	-3,441.94	-1,032.44	4,579.19	4,307.71	271.48	16.867		
7,100.00	6,938.49	6,913.49	6,913.49	34.93	239.63	-73.19	-3,441.94	-1,032.44	4,571.29	4,298.08	273.21	16.732		
7,150.00	6,980.07	6,955.07	6,955.07	35.17	241.08	-73.14	-3,441.94	-1,032.44	4,561.78	4,286.90	274.88	16.595		
7,200.00	7,019.38	7,005.62	6,994.38	35.43	242.84	-73.51	-3,441.94	-1,032.44	4,550.76	4,273.88	276.88	16.436		
7,250.00	7,056.17	7,031.17	7,031.17	35.71	243.74	-74.21	-3,441.94	-1,032.44	4,538.35	4,260.32	278.03	16.323		
7,300.00	7,090.21	7,065.21	7,065.21	36.03	244.92	-75.18	-3,441.94	-1,032.44	4,524.68	4,245.18	279.50	16.188		
7,350.00	7,121.30	7,103.70	7,096.30	36.37	246.27	-76.38	-3,441.94	-1,032.44	4,509.90	4,228.74	281.16	16.041		
7,400.00	7,149.25	7,124.25	7,124.25	36.75	246.98	-77.76	-3,441.94	-1,032.44	4,494.13	4,211.91	282.22	15.924		
7,450.00	7,173.87	7,148.87	7,148.87	37.17	247.84	-79.29	-3,441.94	-1,032.44	4,477.54	4,194.07	283.47	15.796		
7,500.00	7,195.03	7,170.03	7,170.03	37.62	248.58	-80.93	-3,441.94	-1,032.44	4,460.27	4,175.63	284.63	15.670		
7,550.00	7,212.58	7,187.58	7,187.58	38.11	249.20	-82.65	-3,441.94	-1,032.44	4,442.46	4,156.75	285.71	15.549		
7,600.00	7,226.43	7,201.43	7,201.43	38.64	249.68	-84.43	-3,441.94	-1,032.44	4,424.28	4,137.57	286.71	15.431		
7,650.00	7,236.48	7,211.48	7,211.48	39.20	250.03	-86.24	-3,441.94	-1,032.44	4,405.86	4,118.25	287.61	15.319		
7,700.00	7,242.68	7,217.68	7,217.68	39.79	250.25	-88.05	-3,441.94	-1,032.44	4,387.33	4,098.93	288.40	15.212		
7,753.32	7,245.00	7,220.00	7,220.00	40.44	250.33	-89.96	-3,441.94	-1,032.44	4,367.61	4,078.47	289.14	15.106		
7,800.00	7,245.08	7,220.08	7,220.08	41.04	250.33	-89.96	-3,441.94	-1,032.44	4,350.62	4,060.88	289.74	15.015		
7,900.00	7,245.26	7,220.26	7,220.26	42.43	250.34	-89.96	-3,441.94	-1,032.44	4,315.70	4,024.53	291.17	14.822		
8,000.00	7,245.43	7,220.43	7,220.43	43.97	250.34	-89.97	-3,441.94	-1,032.44	4,282.83	3,990.07	292.76	14.629		
8,100.00	7,245.61	7,220.61	7,220.61	45.64	250.35	-89.97	-3,441.94	-1,032.44	4,252.06	3,957.56	294.50	14.438		
8,200.00	7,245.79	7,220.79	7,220.79	47.42	250.35	-89.97	-3,441.94	-1,032.44	4,223.43	3,927.06	296.37	14.250		
8,300.00	7,245.97	7,220.97	7,220.97	49.30	250.36	-89.97	-3,441.94	-1,032.44	4,196.99	3,898.62	298.37	14.066		
8,400.00	7,246.14	7,221.14	7,221.14	51.28	250.37	-89.98	-3,441.94	-1,032.44	4,172.78	3,872.31	300.47	13.887		
8,500.00	7,246.32	7,221.32	7,221.32	53.34	250.37	-89.98	-3,441.94	-1,032.44	4,150.84	3,848.17	302.67	13.714		
8,600.00	7,246.50	7,221.50	7,221.50	55.46	250.38	-89.98	-3,441.94	-1,032.44	4,131.21	3,826.25	304.95	13.547		
8,700.00	7,246.67	7,221.67	7,221.67	57.66	250.39	-89.98	-3,441.94	-1,032.44	4,113.91	3,806.61	307.30	13.387		
8,800.00	7,246.85	7,221.85	7,221.85	59.90	250.39	-89.99	-3,441.94	-1,032.44	4,098.97	3,789.27	309.70	13.235		
8,900.00	7,247.03	7,222.03	7,222.03	62.20	250.40	-89.99	-3,441.94	-1,032.44	4,086.44	3,774.28	312.15	13.091		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,222.21	7,222.21	64.55	250.40	-89.99	-3,441.94	-1,032.44	4,076.31	3,761.68	314.64	12.956		
9,100.00	7,247.38	7,222.38	7,222.38	66.93	250.41	-89.99	-3,441.94	-1,032.44	4,068.62	3,751.48	317.14	12.829		
9,200.00	7,247.56	7,222.56	7,222.56	69.35	250.42	-90.00	-3,441.94	-1,032.44	4,063.38	3,743.71	319.67	12.711		
9,300.00	7,247.74	7,222.74	7,222.74	71.80	250.42	-90.00	-3,441.94	-1,032.44	4,060.59	3,738.40	322.19	12.603		
9,363.17	7,247.85	7,222.85	7,222.85	73.37	250.43	-90.00	-3,441.94	-1,032.44	4,060.10	3,736.32	323.79	12.539		
9,400.00	7,247.91	7,222.91	7,222.91	74.29	250.43	-90.00	-3,441.94	-1,032.44	4,060.27	3,735.56	324.71	12.504		
9,500.00	7,248.09	7,223.09	7,223.09	76.79	250.43	-90.00	-3,441.94	-1,032.44	4,062.41	3,735.19	327.22	12.415		
9,600.00	7,248.27	7,223.27	7,223.27	79.33	250.44	-90.01	-3,441.94	-1,032.44	4,067.00	3,737.30	329.71	12.335		
9,700.00	7,248.45	7,223.45	7,223.45	81.88	250.45	-90.01	-3,441.94	-1,032.44	4,074.05	3,741.88	332.17	12.265		
9,800.00	7,248.62	7,223.62	7,223.62	84.45	250.45	-90.01	-3,441.94	-1,032.44	4,083.53	3,748.94	334.60	12.204		
9,900.00	7,248.80	7,223.80	7,223.80	87.04	250.46	-90.01	-3,441.94	-1,032.44	4,095.44	3,758.46	336.98	12.153		
10,000.00	7,248.98	7,223.98	7,223.98	89.65	250.47	-90.02	-3,441.94	-1,032.44	4,109.74	3,770.42	339.33	12.112		
10,100.00	7,249.15	7,224.15	7,224.15	92.28	250.47	-90.02	-3,441.94	-1,032.44	4,126.42	3,784.80	341.62	12.079		
10,200.00	7,249.33	7,224.33	7,224.33	94.91	250.48	-90.02	-3,441.94	-1,032.44	4,145.45	3,801.59	343.86	12.056		
10,300.00	7,249.51	7,224.51	7,224.51	97.56	250.48	-90.02	-3,441.94	-1,032.44	4,166.78	3,820.75	346.04	12.041		
10,400.00	7,249.69	7,224.69	7,224.69	100.22	250.49	-90.03	-3,441.94	-1,032.44	4,190.40	3,842.24	348.16	12.036 SF		
10,500.00	7,249.86	7,224.86	7,224.86	102.89	250.50	-90.03	-3,441.94	-1,032.44	4,216.26	3,866.04	350.21	12.039		
10,600.00	7,250.04	7,225.04	7,225.04	105.57	250.50	-90.03	-3,441.94	-1,032.44	4,244.31	3,892.11	352.20	12.051		
10,700.00	7,250.22	7,225.22	7,225.22	108.27	250.51	-90.03	-3,441.94	-1,032.44	4,274.52	3,920.40	354.13	12.071		
10,800.00	7,250.39	7,225.39	7,225.39	110.96	250.51	-90.04	-3,441.94	-1,032.44	4,306.84	3,950.86	355.98	12.099		
10,900.00	7,250.57	7,225.57	7,225.57	113.67	250.52	-90.04	-3,441.94	-1,032.44	4,341.23	3,983.46	357.77	12.134		
11,000.00	7,250.75	7,225.75	7,225.75	116.39	250.53	-90.04	-3,441.94	-1,032.44	4,377.63	4,018.15	359.48	12.178		
11,100.00	7,250.93	7,225.93	7,225.93	119.11	250.53	-90.04	-3,441.94	-1,032.44	4,415.99	4,054.86	361.13	12.228		
11,200.00	7,251.10	7,226.10	7,226.10	121.83	250.54	-90.05	-3,441.94	-1,032.44	4,456.27	4,093.56	362.71	12.286		
11,300.00	7,251.28	7,226.28	7,226.28	124.57	250.55	-90.05	-3,441.94	-1,032.44	4,498.41	4,134.19	364.22	12.351		
11,400.00	7,251.46	7,226.46	7,226.46	127.31	250.55	-90.05	-3,441.94	-1,032.44	4,542.37	4,176.70	365.66	12.422		
11,500.00	7,251.63	7,226.63	7,226.63	130.05	250.56	-90.05	-3,441.94	-1,032.44	4,588.08	4,221.04	367.04	12.500		
11,600.00	7,251.81	7,226.81	7,226.81	132.80	250.56	-90.06	-3,441.94	-1,032.44	4,635.50	4,267.14	368.35	12.584		
11,700.00	7,251.99	7,226.99	7,226.99	135.55	250.57	-90.06	-3,441.94	-1,032.44	4,684.57	4,314.97	369.60	12.675		
11,800.00	7,252.17	7,227.17	7,227.17	138.31	250.58	-90.06	-3,441.94	-1,032.44	4,735.25	4,364.46	370.79	12.771		
11,900.00	7,252.34	7,227.34	7,227.34	141.07	250.58	-90.06	-3,441.94	-1,032.44	4,787.48	4,415.56	371.92	12.872		
12,000.00	7,252.52	7,227.52	7,227.52	143.84	250.59	-90.07	-3,441.94	-1,032.44	4,841.21	4,468.22	372.99	12.979		
12,100.00	7,252.70	7,227.70	7,227.70	146.61	250.60	-90.07	-3,441.94	-1,032.44	4,896.39	4,522.39	374.00	13.092		
12,200.00	7,252.87	7,227.87	7,227.87	149.38	250.60	-90.07	-3,441.94	-1,032.44	4,952.98	4,578.01	374.97	13.209		
12,300.00	7,253.05	7,228.05	7,228.05	152.16	250.61	-90.07	-3,441.94	-1,032.44	5,010.93	4,635.05	375.88	13.331		
12,400.00	7,253.23	7,228.23	7,228.23	154.94	250.61	-90.08	-3,441.94	-1,032.44	5,070.18	4,693.45	376.73	13.458		
12,500.00	7,253.41	7,228.41	7,228.41	157.72	250.62	-90.08	-3,441.94	-1,032.44	5,130.70	4,753.16	377.55	13.590		
12,600.00	7,253.58	7,228.58	7,228.58	160.51	250.63	-90.08	-3,441.94	-1,032.44	5,192.44	4,814.13	378.31	13.725		
12,700.00	7,253.76	7,228.76	7,228.76	163.29	250.63	-90.08	-3,441.94	-1,032.44	5,255.36	4,876.33	379.04	13.865		
12,800.00	7,253.94	7,228.94	7,228.94	166.08	250.64	-90.09	-3,441.94	-1,032.44	5,319.42	4,939.70	379.72	14.009		
12,900.00	7,254.11	7,229.11	7,229.11	168.88	250.64	-90.09	-3,441.94	-1,032.44	5,384.57	5,004.21	380.36	14.157		
13,000.00	7,254.29	7,229.29	7,229.29	171.67	250.65	-90.09	-3,441.94	-1,032.44	5,450.77	5,069.81	380.96	14.308		
13,100.00	7,254.47	7,229.47	7,229.47	174.47	250.66	-90.09	-3,441.94	-1,032.44	5,518.00	5,136.47	381.53	14.463		
13,200.00	7,254.65	7,229.65	7,229.65	177.27	250.66	-90.10	-3,441.94	-1,032.44	5,586.20	5,204.14	382.06	14.621		
13,300.00	7,254.82	7,229.82	7,229.82	180.07	250.67	-90.10	-3,441.94	-1,032.44	5,655.35	5,272.79	382.56	14.783		
13,400.00	7,255.00	7,230.00	7,230.00	182.87	250.68	-90.10	-3,441.94	-1,032.44	5,725.42	5,342.38	383.04	14.947		
13,500.00	7,255.18	7,230.18	7,230.18	185.67	250.68	-90.10	-3,441.94	-1,032.44	5,796.36	5,412.88	383.48	15.115		
13,600.00	7,255.35	7,230.35	7,230.35	188.48	250.69	-90.11	-3,441.94	-1,032.44	5,868.14	5,484.25	383.89	15.286		
13,700.00	7,255.53	7,230.53	7,230.53	191.29	250.69	-90.11	-3,441.94	-1,032.44	5,940.75	5,556.47	384.28	15.460		
13,800.00	7,255.71	7,230.71	7,230.71	194.10	250.70	-90.11	-3,441.94	-1,032.44	6,014.14	5,629.50	384.64	15.636		
13,900.00	7,255.89	7,230.89	7,230.89	196.91	250.71	-90.11	-3,441.94	-1,032.44	6,088.28	5,703.30	384.98	15.815		
14,000.00	7,256.06	7,231.06	7,231.06	199.72	250.71	-90.12	-3,441.94	-1,032.44	6,163.16	5,777.87	385.30	15.996		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,100.00	7,256.24	7,231.24	7,231.24	202.53	250.72	-90.12	-3,441.94	-1,032.44	6,238.74	5,853.15	385.59	16.180		
14,200.00	7,256.42	7,231.42	7,231.42	205.35	250.73	-90.12	-3,441.94	-1,032.44	6,315.01	5,929.14	385.87	16.366		
14,300.00	7,256.59	7,231.59	7,231.59	208.16	250.73	-90.12	-3,441.94	-1,032.44	6,391.92	6,005.79	386.13	16.554		
14,400.00	7,256.77	7,231.77	7,231.77	210.98	250.74	-90.13	-3,441.94	-1,032.44	6,469.47	6,083.10	386.37	16.744		
14,500.00	7,256.95	7,231.95	7,231.95	213.80	250.74	-90.13	-3,441.94	-1,032.44	6,547.62	6,161.03	386.59	16.937		
14,600.00	7,257.13	7,232.13	7,232.13	216.62	250.75	-90.13	-3,441.94	-1,032.44	6,626.37	6,239.57	386.80	17.131		
14,700.00	7,257.30	7,232.30	7,232.30	219.44	250.76	-90.13	-3,441.94	-1,032.44	6,705.68	6,318.69	386.99	17.328		
14,800.00	7,257.48	7,232.48	7,232.48	222.26	250.76	-90.14	-3,441.94	-1,032.44	6,785.53	6,398.36	387.17	17.526		
14,900.00	7,257.66	7,232.66	7,232.66	225.08	250.77	-90.14	-3,441.94	-1,032.44	6,865.92	6,478.58	387.34	17.726		
15,000.00	7,257.83	7,232.83	7,232.83	227.91	250.77	-90.14	-3,441.94	-1,032.44	6,946.81	6,559.32	387.49	17.928		
15,100.00	7,258.01	7,233.01	7,233.01	230.73	250.78	-90.14	-3,441.94	-1,032.44	7,028.20	6,640.56	387.63	18.131		
15,200.00	7,258.19	7,233.19	7,233.19	233.56	250.79	-90.15	-3,441.94	-1,032.44	7,110.06	6,722.29	387.77	18.336		
15,300.00	7,258.37	7,233.37	7,233.37	236.38	250.79	-90.15	-3,441.94	-1,032.44	7,192.38	6,804.49	387.89	18.542		
15,400.00	7,258.54	7,233.54	7,233.54	239.21	250.80	-90.15	-3,441.94	-1,032.44	7,275.14	6,887.14	388.00	18.750		
15,500.00	7,258.72	7,233.72	7,233.72	242.04	250.81	-90.15	-3,441.94	-1,032.44	7,358.33	6,970.23	388.10	18.960		
15,600.00	7,258.90	7,233.90	7,233.90	244.87	250.81	-90.16	-3,441.94	-1,032.44	7,441.93	7,053.74	388.19	19.171		
15,700.00	7,259.08	7,234.08	7,234.08	247.70	250.82	-90.16	-3,441.94	-1,032.44	7,525.94	7,137.66	388.28	19.383		
15,800.00	7,259.25	7,234.25	7,234.25	250.53	250.82	-90.16	-3,441.94	-1,032.44	7,610.33	7,221.97	388.36	19.596		
15,900.00	7,259.43	7,234.43	7,234.43	253.36	250.83	-90.16	-3,441.94	-1,032.44	7,695.09	7,306.66	388.43	19.811		
16,000.00	7,259.61	7,234.61	7,234.61	256.19	250.84	-90.17	-3,441.94	-1,032.44	7,780.22	7,391.72	388.50	20.027		
16,100.00	7,259.78	7,234.78	7,234.78	259.02	250.84	-90.17	-3,441.94	-1,032.44	7,865.70	7,477.14	388.55	20.244		
16,200.00	7,259.96	7,234.96	7,234.96	261.85	250.85	-90.17	-3,441.94	-1,032.44	7,951.51	7,562.91	388.61	20.462		
16,300.00	7,260.14	7,235.14	7,235.14	264.68	250.86	-90.17	-3,441.94	-1,032.44	8,037.66	7,649.00	388.65	20.681		
16,400.00	7,260.32	7,235.32	7,235.32	267.52	250.86	-90.18	-3,441.94	-1,032.44	8,124.12	7,735.42	388.70	20.901		
16,500.00	7,260.49	7,235.49	7,235.49	270.35	250.87	-90.18	-3,441.94	-1,032.44	8,210.88	7,822.15	388.73	21.122		
16,600.00	7,260.67	7,235.67	7,235.67	273.19	250.87	-90.18	-3,441.94	-1,032.44	8,297.95	7,909.18	388.77	21.344		
16,700.00	7,260.85	7,235.85	7,235.85	276.02	250.88	-90.18	-3,441.94	-1,032.44	8,385.31	7,996.51	388.80	21.567		
16,800.00	7,261.02	7,236.02	7,236.02	278.86	250.89	-90.19	-3,441.94	-1,032.44	8,472.94	8,084.12	388.82	21.791		
16,900.00	7,261.20	7,236.20	7,236.20	281.69	250.89	-90.19	-3,441.94	-1,032.44	8,560.85	8,172.00	388.84	22.016		
17,000.00	7,261.38	7,236.38	7,236.38	284.53	250.90	-90.19	-3,441.94	-1,032.44	8,649.01	8,260.15	388.86	22.242		
17,100.00	7,261.56	7,236.56	7,236.56	287.37	250.90	-90.19	-3,441.94	-1,032.44	8,737.44	8,348.56	388.87	22.469		
17,200.00	7,261.73	7,236.73	7,236.73	290.21	250.91	-90.20	-3,441.94	-1,032.44	8,826.11	8,437.22	388.89	22.696		
17,300.00	7,261.91	7,236.91	7,236.91	293.04	250.92	-90.20	-3,441.94	-1,032.44	8,915.02	8,526.12	388.89	22.924		
17,400.00	7,262.09	7,237.09	7,237.09	295.88	250.92	-90.20	-3,441.94	-1,032.44	9,004.16	8,615.26	388.90	23.153		
17,500.00	7,262.26	7,237.26	7,237.26	298.72	250.93	-90.20	-3,441.94	-1,032.44	9,093.53	8,704.62	388.91	23.382		
17,600.00	7,262.44	7,237.44	7,237.44	301.56	250.94	-90.21	-3,441.94	-1,032.44	9,183.12	8,794.21	388.91	23.613		
17,700.00	7,262.62	7,237.62	7,237.62	304.40	250.94	-90.21	-3,441.94	-1,032.44	9,272.92	8,884.01	388.91	23.844		
17,800.00	7,262.80	7,237.80	7,237.80	307.24	250.95	-90.21	-3,441.94	-1,032.44	9,362.92	8,974.02	388.90	24.075		
17,900.00	7,262.97	7,237.97	7,237.97	310.08	250.95	-90.21	-3,441.94	-1,032.44	9,453.13	9,064.23	388.90	24.307		
18,000.00	7,263.15	7,238.15	7,238.15	312.92	250.96	-90.22	-3,441.94	-1,032.44	9,543.53	9,154.64	388.90	24.540		
18,100.00	7,263.33	7,238.33	7,238.33	315.76	250.97	-90.22	-3,441.94	-1,032.44	9,634.13	9,245.24	388.89	24.774		
18,200.00	7,263.50	7,238.50	7,238.50	318.61	250.97	-90.22	-3,441.94	-1,032.44	9,724.90	9,336.02	388.88	25.007		
18,300.00	7,263.68	7,238.68	7,238.68	321.45	250.98	-90.22	-3,441.94	-1,032.44	9,815.86	9,426.99	388.87	25.242		
18,400.00	7,263.86	7,238.86	7,238.86	324.29	250.98	-90.23	-3,441.94	-1,032.44	9,906.99	9,518.13	388.86	25.477		
18,500.00	7,264.04	7,239.04	7,239.04	327.13	250.99	-90.23	-3,441.94	-1,032.44	9,998.29	9,609.44	388.85	25.713		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	4.00	-4.00	3.28	3.28	-88.93	156.61	-8,361.48	8,362.95					
100.00	100.00	104.00	96.00	3.28	3.78	-88.93	156.61	-8,361.48	8,362.95	8,355.88	7.07	1,183.241		
200.00	200.00	204.00	196.00	3.34	6.30	-88.93	156.61	-8,361.48	8,362.95	8,353.32	9.63	867.998		
300.00	299.98	304.02	295.98	3.44	9.46	-154.48	156.61	-8,361.48	8,364.53	8,351.63	12.90	648.474		
400.00	399.84	404.16	395.84	3.60	12.79	-154.45	156.61	-8,361.48	8,369.25	8,352.86	16.39	510.516		
500.00	499.45	504.55	495.45	3.81	16.20	-154.41	156.61	-8,361.48	8,377.12	8,357.11	20.01	418.625		
600.00	598.70	605.30	594.70	4.06	19.66	-154.35	156.61	-8,361.48	8,388.12	8,364.41	23.71	353.720		
700.00	697.47	706.53	693.47	4.34	23.15	-154.27	156.61	-8,361.48	8,402.25	8,374.76	27.49	305.683		
800.00	795.62	808.38	791.62	4.66	26.68	-154.18	156.61	-8,361.48	8,419.49	8,388.17	31.32	268.803		
824.00	819.08	815.08	815.08	4.75	26.91	-154.15	156.61	-8,361.48	8,424.09	8,392.45	31.64	266.275		
900.00	893.28	889.28	889.28	5.02	29.48	-154.20	156.61	-8,361.48	8,438.94	8,404.48	34.46	244.878		
1,000.00	990.92	986.92	986.92	5.40	32.87	-154.26	156.61	-8,361.48	8,458.49	8,420.29	38.20	221.426		
1,100.00	1,088.56	1,084.56	1,084.56	5.80	36.27	-154.33	156.61	-8,361.48	8,478.05	8,436.09	41.96	202.052		
1,200.00	1,186.19	1,182.19	1,182.19	6.21	39.66	-154.39	156.61	-8,361.48	8,497.61	8,451.88	45.74	185.796		
1,300.00	1,283.83	1,279.83	1,279.83	6.64	43.06	-154.45	156.61	-8,361.48	8,517.19	8,467.66	49.53	171.972		
1,400.00	1,381.47	1,377.47	1,377.47	7.08	46.46	-154.51	156.61	-8,361.48	8,536.78	8,483.45	53.33	160.079		
1,500.00	1,479.10	1,475.10	1,475.10	7.53	49.86	-154.58	156.61	-8,361.48	8,556.37	8,499.23	57.14	149.745		
1,600.00	1,576.74	1,572.74	1,572.74	7.99	53.26	-154.64	156.61	-8,361.48	8,575.98	8,515.02	60.96	140.685		
1,700.00	1,674.38	1,670.38	1,670.38	8.45	56.66	-154.70	156.61	-8,361.48	8,595.60	8,530.81	64.78	132.680		
1,800.00	1,772.02	1,768.02	1,768.02	8.92	60.07	-154.76	156.61	-8,361.48	8,615.22	8,546.61	68.62	125.557		
1,900.00	1,869.65	1,865.65	1,865.65	9.39	63.47	-154.82	156.61	-8,361.48	8,634.86	8,562.41	72.45	119.180		
2,000.00	1,967.29	1,963.29	1,963.29	9.87	66.87	-154.88	156.61	-8,361.48	8,654.50	8,578.21	76.29	113.439		
2,100.00	2,064.93	2,060.93	2,060.93	10.35	70.28	-154.94	156.61	-8,361.48	8,674.16	8,594.02	80.14	108.243		
2,200.00	2,162.56	2,158.56	2,158.56	10.83	73.68	-155.00	156.61	-8,361.48	8,693.82	8,609.84	83.98	103.519		
2,300.00	2,260.20	2,256.20	2,256.20	11.32	77.09	-155.06	156.61	-8,361.48	8,713.49	8,625.66	87.83	99.206		
2,400.00	2,357.84	2,353.84	2,353.84	11.80	80.49	-155.12	156.61	-8,361.48	8,733.17	8,641.49	91.68	95.253		
2,500.00	2,455.48	2,451.48	2,451.48	12.29	83.90	-155.18	156.61	-8,361.48	8,752.86	8,657.33	95.54	91.616		
2,600.00	2,553.11	2,549.11	2,549.11	12.78	87.31	-155.24	156.61	-8,361.48	8,772.56	8,673.17	99.39	88.261		
2,700.00	2,650.75	2,646.75	2,646.75	13.27	90.71	-155.30	156.61	-8,361.48	8,792.27	8,689.02	103.25	85.154		
2,800.00	2,748.39	2,744.39	2,744.39	13.77	94.12	-155.36	156.61	-8,361.48	8,811.99	8,704.88	107.11	82.270		
2,900.00	2,846.02	2,842.02	2,842.02	14.26	97.52	-155.42	156.61	-8,361.48	8,831.72	8,720.75	110.97	79.586		
3,000.00	2,943.66	2,939.66	2,939.66	14.76	100.93	-155.47	156.61	-8,361.48	8,851.45	8,736.62	114.83	77.082		
3,100.00	3,041.30	3,037.30	3,037.30	15.25	104.34	-155.53	156.61	-8,361.48	8,871.20	8,752.50	118.69	74.740		
3,200.00	3,138.94	3,134.94	3,134.94	15.75	107.75	-155.59	156.61	-8,361.48	8,890.95	8,768.39	122.56	72.545		
3,300.00	3,236.57	3,232.57	3,232.57	16.25	111.15	-155.65	156.61	-8,361.48	8,910.71	8,784.29	126.42	70.484		
3,400.00	3,334.21	3,330.21	3,330.21	16.75	114.56	-155.70	156.61	-8,361.48	8,930.48	8,800.19	130.29	68.545		
3,500.00	3,431.85	3,427.85	3,427.85	17.25	117.97	-155.76	156.61	-8,361.48	8,950.26	8,816.10	134.15	66.717		
3,600.00	3,529.48	3,525.48	3,525.48	17.75	121.37	-155.82	156.61	-8,361.48	8,970.04	8,832.02	138.02	64.991		
3,700.00	3,627.12	3,623.12	3,623.12	18.25	124.78	-155.87	156.61	-8,361.48	8,989.84	8,847.95	141.89	63.360		
3,800.00	3,724.76	3,720.76	3,720.76	18.75	128.19	-155.93	156.61	-8,361.48	9,009.64	8,863.89	145.75	61.814		
3,900.00	3,822.40	3,818.40	3,818.40	19.25	131.60	-155.98	156.61	-8,361.48	9,029.45	8,879.83	149.62	60.349		
4,000.00	3,920.03	3,916.03	3,916.03	19.75	135.00	-156.04	156.61	-8,361.48	9,049.27	8,895.78	153.49	58.957		
4,100.00	4,017.67	4,013.67	4,013.67	20.25	138.41	-156.09	156.61	-8,361.48	9,069.10	8,911.74	157.36	57.633		
4,200.00	4,115.31	4,111.31	4,111.31	20.76	141.82	-156.15	156.61	-8,361.48	9,088.94	8,927.71	161.23	56.373		
4,300.00	4,212.94	4,208.94	4,208.94	21.26	145.23	-156.20	156.61	-8,361.48	9,108.78	8,943.68	165.10	55.172		
4,400.00	4,310.58	4,306.58	4,306.58	21.76	148.63	-156.26	156.61	-8,361.48	9,128.64	8,959.67	168.97	54.026		
4,500.00	4,408.22	4,404.22	4,404.22	22.27	152.04	-156.31	156.61	-8,361.48	9,148.50	8,975.66	172.84	52.931		
4,600.00	4,505.86	4,501.86	4,501.86	22.77	155.45	-156.37	156.61	-8,361.48	9,168.36	8,991.65	176.71	51.884		
4,700.00	4,603.49	4,600.51	4,599.49	23.28	158.89	-156.42	156.61	-8,361.48	9,188.24	9,007.62	180.62	50.872		
4,800.00	4,701.13	4,702.87	4,697.13	23.78	162.47	-156.47	156.61	-8,361.48	9,208.12	9,023.47	184.65	49.867		
4,900.00	4,798.77	4,805.23	4,794.77	24.28	166.04	-156.53	156.61	-8,361.48	9,228.02	9,039.33	188.69	48.906		
5,000.00	4,896.40	4,907.60	4,892.40	24.79	169.61	-156.58	156.61	-8,361.48	9,247.92	9,055.19	192.73	47.985		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	5,009.96	4,990.04	25.30	173.18	-156.63	156.61	-8,361.48	9,267.82	9,071.06	196.76	47.102		
5,200.00	5,091.68	5,087.68	5,087.68	25.80	175.90	-156.69	156.61	-8,361.48	9,287.74	9,087.80	199.94	46.453		
5,300.00	5,189.32	5,185.32	5,185.32	26.31	179.30	-156.74	156.61	-8,361.48	9,307.66	9,103.85	203.81	45.668		
5,400.00	5,286.95	5,282.95	5,282.95	26.81	182.71	-156.79	156.61	-8,361.48	9,327.59	9,119.91	207.68	44.912		
5,500.00	5,384.59	5,380.59	5,380.59	27.32	186.12	-156.84	156.61	-8,361.48	9,347.53	9,135.97	211.56	44.184		
5,600.00	5,482.23	5,478.23	5,478.23	27.82	189.53	-156.90	156.61	-8,361.48	9,367.47	9,152.04	215.43	43.483		
5,700.00	5,579.87	5,575.87	5,575.87	28.33	192.94	-156.95	156.61	-8,361.48	9,387.42	9,168.12	219.30	42.806		
5,800.00	5,677.50	5,673.50	5,673.50	28.84	196.34	-157.00	156.61	-8,361.48	9,407.38	9,184.21	223.18	42.152		
5,900.00	5,775.14	5,771.14	5,771.14	29.34	199.75	-157.05	156.61	-8,361.48	9,427.35	9,200.30	227.05	41.521		
6,000.00	5,872.78	5,868.78	5,868.78	29.85	203.16	-157.10	156.61	-8,361.48	9,447.32	9,216.40	230.92	40.911		
6,100.00	5,970.41	5,966.41	5,966.41	30.36	206.57	-157.15	156.61	-8,361.48	9,467.30	9,232.51	234.80	40.321		
6,200.00	6,068.05	6,064.05	6,064.05	30.86	209.98	-157.20	156.61	-8,361.48	9,487.29	9,248.62	238.67	39.751		
6,300.00	6,165.69	6,161.69	6,161.69	31.37	213.38	-157.25	156.61	-8,361.48	9,507.29	9,264.74	242.54	39.198		
6,400.00	6,263.33	6,259.33	6,259.33	31.88	216.79	-157.30	156.61	-8,361.48	9,527.29	9,280.87	246.42	38.663		
6,500.00	6,360.96	6,356.96	6,356.96	32.38	220.20	-157.35	156.61	-8,361.48	9,547.30	9,297.01	250.29	38.145		
6,600.00	6,458.60	6,454.60	6,454.60	32.89	223.61	-157.40	156.61	-8,361.48	9,567.32	9,313.15	254.17	37.642		
6,628.42	6,486.35	6,482.35	6,482.35	33.04	224.58	-157.42	156.61	-8,361.48	9,573.01	9,317.74	255.27	37.502		
6,650.00	6,507.49	6,503.49	6,503.49	33.14	225.32	-153.10	156.61	-8,361.48	9,576.97	9,320.86	256.10	37.395		
6,700.00	6,556.88	6,552.88	6,552.88	33.37	227.04	-135.38	156.61	-8,361.48	9,583.37	9,325.32	258.05	37.138		
6,750.00	6,606.60	6,602.60	6,602.60	33.58	228.78	-96.79	156.61	-8,361.48	9,585.88	9,325.88	259.99	36.870		
6,800.00	6,656.35	6,652.35	6,652.35	33.76	230.51	-54.52	156.61	-8,361.48	9,584.46	9,322.54	261.92	36.593		
6,850.00	6,705.83	6,701.83	6,701.83	33.94	232.24	-34.03	156.61	-8,361.48	9,579.13	9,315.32	263.81	36.310		
6,900.00	6,754.72	6,750.72	6,750.72	34.12	233.95	-24.60	156.61	-8,361.48	9,569.93	9,304.26	265.67	36.022		
6,950.00	6,802.72	6,801.28	6,798.72	34.31	235.71	-19.53	156.61	-8,361.48	9,556.91	9,289.34	267.56	35.718		
7,000.00	6,849.54	6,845.54	6,845.54	34.50	237.26	-16.47	156.61	-8,361.48	9,540.14	9,270.92	269.22	35.436		
7,050.00	6,894.89	6,909.11	6,890.89	34.71	239.47	-14.48	156.61	-8,361.48	9,519.74	9,248.21	271.53	35.059		
7,100.00	6,938.49	6,934.49	6,934.49	34.93	240.36	-13.13	156.61	-8,361.48	9,495.83	9,223.34	272.49	34.848		
7,150.00	6,980.07	6,976.07	6,976.07	35.17	241.81	-12.21	156.61	-8,361.48	9,468.56	9,194.55	274.01	34.556		
7,200.00	7,019.38	7,015.38	7,015.38	35.43	243.18	-11.61	156.61	-8,361.48	9,438.09	9,162.67	275.42	34.268		
7,250.00	7,056.17	7,052.17	7,052.17	35.71	244.47	-11.24	156.61	-8,361.48	9,404.61	9,127.88	276.74	33.984		
7,300.00	7,090.21	7,086.21	7,086.21	36.03	245.66	-11.09	156.61	-8,361.48	9,368.34	9,090.39	277.95	33.706		
7,350.00	7,121.30	7,117.30	7,117.30	36.37	246.74	-11.15	156.61	-8,361.48	9,329.48	9,050.45	279.04	33.434		
7,400.00	7,149.25	7,145.25	7,145.25	36.75	247.72	-11.43	156.61	-8,361.48	9,288.29	9,008.28	280.01	33.171		
7,450.00	7,173.87	7,169.87	7,169.87	37.17	248.58	-11.99	156.61	-8,361.48	9,245.01	8,964.15	280.86	32.916		
7,500.00	7,195.03	7,208.97	7,191.03	37.62	249.94	-12.93	156.61	-8,361.48	9,199.92	8,917.70	282.22	32.599		
7,550.00	7,212.58	7,208.58	7,208.58	38.11	249.93	-14.47	156.61	-8,361.48	9,153.28	8,871.10	282.19	32.437		
7,600.00	7,226.43	7,222.43	7,222.43	38.64	250.41	-17.13	156.61	-8,361.48	9,105.40	8,822.74	282.65	32.214		
7,650.00	7,236.48	7,232.48	7,232.48	39.20	250.76	-22.26	156.61	-8,361.48	9,056.55	8,773.56	282.99	32.003		
7,700.00	7,242.68	7,238.68	7,238.68	39.79	250.98	-35.02	156.61	-8,361.48	9,007.05	8,723.85	283.20	31.805		
7,753.32	7,245.00	7,241.00	7,241.00	40.44	251.06	-88.06	156.61	-8,361.48	8,953.87	8,670.60	283.27	31.608		
7,800.00	7,245.08	7,241.08	7,241.08	41.04	251.06	-88.07	156.61	-8,361.48	8,907.26	8,623.98	283.28	31.444		
7,900.00	7,245.26	7,241.26	7,241.26	42.43	251.07	-88.09	156.61	-8,361.48	8,807.40	8,524.11	283.29	31.090		
8,000.00	7,245.43	7,241.43	7,241.43	43.97	251.07	-88.11	156.61	-8,361.48	8,707.54	8,424.25	283.30	30.737		
8,100.00	7,245.61	7,241.61	7,241.61	45.64	251.08	-88.13	156.61	-8,361.48	8,607.69	8,324.38	283.31	30.383		
8,200.00	7,245.79	7,241.79	7,241.79	47.42	251.09	-88.16	156.61	-8,361.48	8,507.84	8,224.51	283.32	30.029		
8,300.00	7,245.97	7,241.97	7,241.97	49.30	251.09	-88.18	156.61	-8,361.48	8,407.99	8,124.65	283.34	29.675		
8,400.00	7,246.14	7,242.14	7,242.14	51.28	251.10	-88.20	156.61	-8,361.48	8,308.15	8,024.79	283.36	29.320		
8,500.00	7,246.32	7,242.32	7,242.32	53.34	251.11	-88.22	156.61	-8,361.48	8,208.31	7,924.93	283.38	28.966		
8,600.00	7,246.50	7,242.50	7,242.50	55.46	251.11	-88.24	156.61	-8,361.48	8,108.47	7,825.07	283.40	28.611		
8,700.00	7,246.67	7,242.67	7,242.67	57.66	251.12	-88.26	156.61	-8,361.48	8,008.64	7,725.21	283.43	28.256		
8,800.00	7,246.85	7,242.85	7,242.85	59.90	251.12	-88.29	156.61	-8,361.48	7,908.81	7,625.35	283.46	27.901		
8,900.00	7,247.03	7,243.03	7,243.03	62.20	251.13	-88.31	156.61	-8,361.48	7,808.99	7,525.50	283.49	27.546		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,000.00	7,247.21	7,243.21	7,243.21	64.55	251.14	-88.33	156.61	-8,361.48	7,709.17	7,425.64	283.53	27.190		
9,100.00	7,247.38	7,243.38	7,243.38	66.93	251.14	-88.35	156.61	-8,361.48	7,609.36	7,325.79	283.56	26.835		
9,200.00	7,247.56	7,243.56	7,243.56	69.35	251.15	-88.37	156.61	-8,361.48	7,509.55	7,225.94	283.61	26.479		
9,300.00	7,247.74	7,243.74	7,243.74	71.80	251.16	-88.39	156.61	-8,361.48	7,409.75	7,126.10	283.65	26.123		
9,400.00	7,247.91	7,243.91	7,243.91	74.29	251.16	-88.42	156.61	-8,361.48	7,309.95	7,026.25	283.70	25.767		
9,500.00	7,248.09	7,244.09	7,244.09	76.79	251.17	-88.44	156.61	-8,361.48	7,210.15	6,926.41	283.75	25.410		
9,600.00	7,248.27	7,244.27	7,244.27	79.33	251.17	-88.46	156.61	-8,361.48	7,110.37	6,826.56	283.80	25.054		
9,700.00	7,248.45	7,244.45	7,244.45	81.88	251.18	-88.48	156.61	-8,361.48	7,010.59	6,726.73	283.86	24.697		
9,800.00	7,248.62	7,244.62	7,244.62	84.45	251.19	-88.50	156.61	-8,361.48	6,910.81	6,626.89	283.93	24.340		
9,900.00	7,248.80	7,244.80	7,244.80	87.04	251.19	-88.52	156.61	-8,361.48	6,811.05	6,527.05	283.99	23.983		
10,000.00	7,248.98	7,244.98	7,244.98	89.65	251.20	-88.55	156.61	-8,361.48	6,711.28	6,427.22	284.06	23.626		
10,100.00	7,249.15	7,245.15	7,245.15	92.28	251.20	-88.57	156.61	-8,361.48	6,611.53	6,327.39	284.14	23.268		
10,200.00	7,249.33	7,245.33	7,245.33	94.91	251.21	-88.59	156.61	-8,361.48	6,511.79	6,227.56	284.22	22.911		
10,300.00	7,249.51	7,245.51	7,245.51	97.56	251.22	-88.61	156.61	-8,361.48	6,412.05	6,127.74	284.31	22.553		
10,400.00	7,249.69	7,245.69	7,245.69	100.22	251.22	-88.63	156.61	-8,361.48	6,312.32	6,027.92	284.40	22.195		
10,500.00	7,249.86	7,245.86	7,245.86	102.89	251.23	-88.65	156.61	-8,361.48	6,212.60	5,928.10	284.50	21.837		
10,600.00	7,250.04	7,246.04	7,246.04	105.57	251.24	-88.68	156.61	-8,361.48	6,112.88	5,828.28	284.60	21.478		
10,700.00	7,250.22	7,246.22	7,246.22	108.27	251.24	-88.70	156.61	-8,361.48	6,013.18	5,728.47	284.72	21.120		
10,800.00	7,250.39	7,246.39	7,246.39	110.96	251.25	-88.72	156.61	-8,361.48	5,913.49	5,628.65	284.83	20.761		
10,900.00	7,250.57	7,246.57	7,246.57	113.67	251.25	-88.74	156.61	-8,361.48	5,813.81	5,528.85	284.96	20.402		
11,000.00	7,250.75	7,246.75	7,246.75	116.39	251.26	-88.76	156.61	-8,361.48	5,714.14	5,429.04	285.09	20.043		
11,100.00	7,250.93	7,246.93	7,246.93	119.11	251.27	-88.78	156.61	-8,361.48	5,614.48	5,329.24	285.24	19.684		
11,200.00	7,251.10	7,247.10	7,247.10	121.83	251.27	-88.81	156.61	-8,361.48	5,514.83	5,229.44	285.39	19.324		
11,300.00	7,251.28	7,247.28	7,247.28	124.57	251.28	-88.83	156.61	-8,361.48	5,415.20	5,129.65	285.55	18.964		
11,400.00	7,251.46	7,247.46	7,247.46	127.31	251.29	-88.85	156.61	-8,361.48	5,315.58	5,029.86	285.72	18.604		
11,500.00	7,251.63	7,247.63	7,247.63	130.05	251.29	-88.87	156.61	-8,361.48	5,215.97	4,930.07	285.91	18.244		
11,600.00	7,251.81	7,247.81	7,247.81	132.80	251.30	-88.89	156.61	-8,361.48	5,116.38	4,830.28	286.10	17.883		
11,700.00	7,251.99	7,247.99	7,247.99	135.55	251.30	-88.92	156.61	-8,361.48	5,016.81	4,730.50	286.31	17.522		
11,800.00	7,252.17	7,248.17	7,248.17	138.31	251.31	-88.94	156.61	-8,361.48	4,917.25	4,630.72	286.53	17.161		
11,900.00	7,252.34	7,248.34	7,248.34	141.07	251.32	-88.96	156.61	-8,361.48	4,817.71	4,530.95	286.77	16.800		
12,000.00	7,252.52	7,248.52	7,248.52	143.84	251.32	-88.98	156.61	-8,361.48	4,718.20	4,431.18	287.02	16.439		
12,100.00	7,252.70	7,248.70	7,248.70	146.61	251.33	-89.00	156.61	-8,361.48	4,618.70	4,331.41	287.29	16.077		
12,200.00	7,252.87	7,248.87	7,248.87	149.38	251.33	-89.02	156.61	-8,361.48	4,519.22	4,231.64	287.58	15.715		
12,300.00	7,253.05	7,249.05	7,249.05	152.16	251.34	-89.05	156.61	-8,361.48	4,419.77	4,131.88	287.89	15.352		
12,400.00	7,253.23	7,249.23	7,249.23	154.94	251.35	-89.07	156.61	-8,361.48	4,320.34	4,032.12	288.22	14.990		
12,500.00	7,253.41	7,249.41	7,249.41	157.72	251.35	-89.09	156.61	-8,361.48	4,220.94	3,932.37	288.57	14.627		
12,600.00	7,253.58	7,249.58	7,249.58	160.51	251.36	-89.11	156.61	-8,361.48	4,121.57	3,832.62	288.96	14.264		
12,700.00	7,253.76	7,249.76	7,249.76	163.29	251.37	-89.13	156.61	-8,361.48	4,022.24	3,732.87	289.37	13.900		
12,800.00	7,253.94	7,249.94	7,249.94	166.08	251.37	-89.15	156.61	-8,361.48	3,922.93	3,633.12	289.81	13.536		
12,900.00	7,254.11	7,250.11	7,250.11	168.88	251.38	-89.18	156.61	-8,361.48	3,823.66	3,533.38	290.28	13.172		
13,000.00	7,254.29	7,250.29	7,250.29	171.67	251.38	-89.20	156.61	-8,361.48	3,724.43	3,433.63	290.80	12.808		
13,100.00	7,254.47	7,250.47	7,250.47	174.47	251.39	-89.22	156.61	-8,361.48	3,625.24	3,333.89	291.35	12.443		
13,200.00	7,254.65	7,250.65	7,250.65	177.27	251.40	-89.24	156.61	-8,361.48	3,526.10	3,234.15	291.95	12.078		
13,300.00	7,254.82	7,250.82	7,250.82	180.07	251.40	-89.26	156.61	-8,361.48	3,427.01	3,134.41	292.59	11.712		
13,400.00	7,255.00	7,251.00	7,251.00	182.87	251.41	-89.28	156.61	-8,361.48	3,327.97	3,034.67	293.30	11.347		
13,500.00	7,255.18	7,251.18	7,251.18	185.67	251.41	-89.31	156.61	-8,361.48	3,228.99	2,934.93	294.06	10.981		
13,600.00	7,255.35	7,251.35	7,251.35	188.48	251.42	-89.33	156.61	-8,361.48	3,130.08	2,835.19	294.89	10.615		
13,700.00	7,255.53	7,251.53	7,251.53	191.29	251.43	-89.35	156.61	-8,361.48	3,031.23	2,735.45	295.79	10.248		
13,800.00	7,255.71	7,251.71	7,251.71	194.10	251.43	-89.37	156.61	-8,361.48	2,932.47	2,635.70	296.77	9.881		
13,900.00	7,255.89	7,251.89	7,251.89	196.91	251.44	-89.39	156.61	-8,361.48	2,833.79	2,535.95	297.85	9.514		
14,000.00	7,256.06	7,252.06	7,252.06	199.72	251.45	-89.41	156.61	-8,361.48	2,735.21	2,436.19	299.02	9.147		
14,100.00	7,256.24	7,252.24	7,252.24	202.53	251.45	-89.44	156.61	-8,361.48	2,636.74	2,336.42	300.31	8.780		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,200.00	7,256.42	7,252.42	7,252.42	205.35	251.46	-89.46	156.61	-8,361.48	2,538.38	2,236.65	301.73	8.413		
14,300.00	7,256.59	7,252.59	7,252.59	208.16	251.46	-89.48	156.61	-8,361.48	2,440.16	2,136.87	303.29	8.046		
14,400.00	7,256.77	7,252.77	7,252.77	210.98	251.47	-89.50	156.61	-8,361.48	2,342.09	2,037.07	305.02	7.679		
14,500.00	7,256.95	7,252.95	7,252.95	213.80	251.48	-89.52	156.61	-8,361.48	2,244.19	1,937.26	306.93	7.312		
14,600.00	7,257.13	7,253.13	7,253.13	216.62	251.48	-89.54	156.61	-8,361.48	2,146.48	1,837.43	309.05	6.945		
14,700.00	7,257.30	7,253.30	7,253.30	219.44	251.49	-89.57	156.61	-8,361.48	2,048.99	1,737.59	311.41	6.580		
14,800.00	7,257.48	7,253.48	7,253.48	222.26	251.50	-89.59	156.61	-8,361.48	1,951.76	1,637.72	314.04	6.215		
14,900.00	7,257.66	7,253.66	7,253.66	225.08	251.50	-89.61	156.61	-8,361.48	1,854.82	1,537.83	316.99	5.851		
15,000.00	7,257.83	7,253.83	7,253.83	227.91	251.51	-89.63	156.61	-8,361.48	1,758.23	1,437.91	320.31	5.489		
15,100.00	7,258.01	7,254.01	7,254.01	230.73	251.51	-89.65	156.61	-8,361.48	1,662.04	1,337.97	324.06	5.129		
15,200.00	7,258.19	7,254.19	7,254.19	233.56	251.52	-89.68	156.61	-8,361.48	1,566.32	1,238.01	328.32	4.771		
15,300.00	7,258.37	7,254.37	7,254.37	236.38	251.53	-89.70	156.61	-8,361.48	1,471.18	1,138.02	333.16	4.416		
15,400.00	7,258.54	7,254.54	7,254.54	239.21	251.53	-89.72	156.61	-8,361.48	1,376.72	1,038.01	338.71	4.065		
15,500.00	7,258.72	7,254.72	7,254.72	242.04	251.54	-89.74	156.61	-8,361.48	1,283.10	938.01	345.10	3.718		
15,600.00	7,258.90	7,254.90	7,254.90	244.87	251.54	-89.76	156.61	-8,361.48	1,190.53	838.03	352.49	3.377		
15,700.00	7,259.08	7,255.08	7,255.08	247.70	251.55	-89.78	156.61	-8,361.48	1,099.25	738.14	361.11	3.044		
15,800.00	7,259.25	7,255.25	7,255.25	250.53	251.56	-89.81	156.61	-8,361.48	1,009.63	638.44	371.19	2.720		
15,900.00	7,259.43	7,255.43	7,255.43	253.36	251.56	-89.83	156.61	-8,361.48	922.15	539.08	383.06	2.407		
16,000.00	7,259.61	7,255.61	7,255.61	256.19	251.57	-89.85	156.61	-8,361.48	837.47	440.41	397.06	2.109		
16,100.00	7,259.78	7,255.78	7,255.78	259.02	251.58	-89.87	156.61	-8,361.48	756.54	343.00	413.54	1.829		
16,200.00	7,259.96	7,255.96	7,255.96	261.85	251.58	-89.89	156.61	-8,361.48	680.70	247.92	432.77	1.573		
16,300.00	7,260.14	7,256.14	7,256.14	264.68	251.59	-89.91	156.61	-8,361.48	611.84	157.18	454.66	1.346	Level 3	
16,400.00	7,260.32	7,256.32	7,256.32	267.52	251.59	-89.94	156.61	-8,361.48	552.58	74.28	478.29	1.155	Level 2	
16,500.00	7,260.49	7,256.49	7,256.49	270.35	251.60	-89.96	156.61	-8,361.48	506.30	5.05	501.25	1.010	Level 2	
16,600.00	7,260.67	7,256.67	7,256.67	273.19	251.61	-89.98	156.61	-8,361.48	476.80	-42.49	519.29	0.918	Level 1	
16,695.01	7,260.84	7,256.84	7,256.84	275.88	251.61	-90.00	156.61	-8,361.48	467.24	-60.25	527.49	0.886	Level 1, CC	
16,700.00	7,260.85	7,256.85	7,256.85	276.02	251.61	-90.00	156.61	-8,361.48	467.26	-60.36	527.63	0.886	Level 1, ES, SF	
16,800.00	7,261.02	7,257.02	7,257.02	278.86	251.62	-90.02	156.61	-8,361.48	478.89	-45.05	523.94	0.914	Level 1	
16,900.00	7,261.20	7,257.20	7,257.20	281.69	251.63	-90.04	156.61	-8,361.48	510.23	-0.02	510.25	1.000	Level 1	
17,000.00	7,261.38	7,257.38	7,257.38	284.53	251.63	-90.07	156.61	-8,361.48	557.97	66.90	491.07	1.136	Level 2	
17,100.00	7,261.56	7,257.56	7,257.56	287.37	251.64	-90.09	156.61	-8,361.48	618.33	147.81	470.51	1.314	Level 3	
17,200.00	7,261.73	7,257.73	7,257.73	290.21	251.64	-90.11	156.61	-8,361.48	687.99	236.97	451.02	1.525		
17,300.00	7,261.91	7,257.91	7,257.91	293.04	251.65	-90.13	156.61	-8,361.48	764.41	330.80	433.61	1.763		
17,400.00	7,262.09	7,258.09	7,258.09	295.88	251.66	-90.15	156.61	-8,361.48	845.77	427.27	418.50	2.021		
17,500.00	7,262.26	7,258.26	7,258.26	298.72	251.66	-90.17	156.61	-8,361.48	930.76	525.23	405.53	2.295		
17,600.00	7,262.44	7,258.44	7,258.44	301.56	251.67	-90.20	156.61	-8,361.48	1,018.49	624.05	394.43	2.582		
17,700.00	7,262.62	7,258.62	7,258.62	304.40	251.67	-90.22	156.61	-8,361.48	1,108.29	723.37	384.92	2.879		
17,800.00	7,262.80	7,258.80	7,258.80	307.24	251.68	-90.24	156.61	-8,361.48	1,199.71	822.97	376.74	3.184		
17,900.00	7,262.97	7,258.97	7,258.97	310.08	251.69	-90.26	156.61	-8,361.48	1,292.40	922.75	369.66	3.496		
18,000.00	7,263.15	7,259.15	7,259.15	312.92	251.69	-90.28	156.61	-8,361.48	1,386.11	1,022.61	363.50	3.813		
18,100.00	7,263.33	7,259.33	7,259.33	315.76	251.70	-90.31	156.61	-8,361.48	1,480.64	1,122.53	358.11	4.135		
18,200.00	7,263.50	7,259.50	7,259.50	318.61	251.71	-90.33	156.61	-8,361.48	1,575.85	1,222.47	353.38	4.459		
18,300.00	7,263.68	7,259.68	7,259.68	321.45	251.71	-90.35	156.61	-8,361.48	1,671.61	1,322.42	349.19	4.787		
18,400.00	7,263.86	7,259.86	7,259.86	324.29	251.72	-90.37	156.61	-8,361.48	1,767.85	1,422.37	345.48	5.117		
18,500.00	7,264.04	7,260.04	7,260.04	327.13	251.72	-90.39	156.61	-8,361.48	1,864.48	1,522.32	342.16	5.449		
18,600.00	7,264.21	7,260.21	7,260.21	329.97	251.73	-90.41	156.61	-8,361.48	1,961.45	1,622.26	339.19	5.783		
18,700.00	7,264.39	7,260.39	7,260.39	332.82	251.74	-90.44	156.61	-8,361.48	2,058.71	1,722.19	336.52	6.118		
18,800.00	7,264.57	7,260.57	7,260.57	335.66	251.74	-90.46	156.61	-8,361.48	2,156.22	1,822.11	334.11	6.454		
18,900.00	7,264.74	7,260.74	7,260.74	338.51	251.75	-90.48	156.61	-8,361.48	2,253.95	1,922.02	331.93	6.790		
19,000.00	7,264.92	7,260.92	7,260.92	341.35	251.76	-90.50	156.61	-8,361.48	2,351.87	2,021.92	329.95	7.128		
19,044.52	7,265.00	7,261.00	7,261.00	342.62	251.76	-90.51	156.61	-8,361.48	2,395.51	2,066.39	329.12	7.279		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	34.13	1,412.07	957.15	1,706.13					
100.00	100.00	67.34	67.34	3.28	3.28	34.12	1,412.25	957.06	1,706.00	1,699.43	6.57	259.744		
200.00	200.00	172.13	172.12	3.34	3.32	34.10	1,412.89	956.56	1,706.24	1,699.58	6.66	256.230		
300.00	299.98	274.15	274.14	3.44	3.42	-31.53	1,413.13	955.98	1,704.62	1,697.76	6.86	248.411		
400.00	399.84	370.53	370.52	3.60	3.56	-31.67	1,413.19	955.80	1,700.12	1,692.96	7.16	237.495		
500.00	499.45	468.80	468.79	3.81	3.74	-31.91	1,413.47	955.64	1,692.85	1,685.30	7.55	224.308		
600.00	598.70	571.08	571.07	4.06	3.97	-32.25	1,413.63	955.58	1,682.60	1,674.57	8.02	209.705		
700.00	697.47	669.76	669.75	4.34	4.22	-32.68	1,413.56	955.57	1,669.30	1,660.73	8.56	195.006		
800.00	795.62	763.90	763.89	4.66	4.48	-33.20	1,413.69	955.52	1,653.28	1,644.14	9.14	180.846		
824.00	819.08	786.16	786.15	4.75	4.55	-33.34	1,413.76	955.52	1,649.06	1,639.77	9.29	177.486		
900.00	893.28	860.91	860.91	5.02	4.78	-33.66	1,413.98	955.61	1,635.50	1,625.72	9.78	167.256		
1,000.00	990.92	962.77	962.76	5.40	5.10	-34.09	1,414.02	955.86	1,617.58	1,607.12	10.46	154.583		
1,100.00	1,088.56	1,064.91	1,064.91	5.80	5.44	-34.54	1,413.82	955.90	1,599.46	1,588.28	11.18	143.008		
1,200.00	1,186.19	1,162.25	1,162.24	6.21	5.78	-34.97	1,413.47	955.90	1,581.26	1,569.35	11.92	132.695		
1,300.00	1,283.83	1,260.82	1,260.81	6.64	6.13	-35.42	1,413.17	955.92	1,563.22	1,550.55	12.68	123.328		
1,400.00	1,381.47	1,358.02	1,358.01	7.08	6.48	-35.86	1,412.71	956.03	1,545.17	1,531.72	13.45	114.892		
1,500.00	1,479.10	1,452.99	1,452.98	7.53	6.83	-36.31	1,412.37	956.22	1,527.36	1,513.13	14.23	107.326		
1,600.00	1,576.74	1,550.56	1,550.55	7.99	7.20	-36.78	1,412.21	956.35	1,509.77	1,494.74	15.04	100.414		
1,700.00	1,674.38	1,648.49	1,648.48	8.45	7.58	-37.28	1,412.03	956.35	1,492.21	1,476.36	15.85	94.129		
1,800.00	1,772.02	1,747.14	1,747.13	8.92	7.96	-37.78	1,411.83	956.45	1,474.79	1,458.11	16.68	88.402		
1,900.00	1,869.65	1,848.78	1,848.77	9.39	8.36	-38.30	1,411.33	956.62	1,457.27	1,439.74	17.53	83.124		
2,000.00	1,967.29	1,948.58	1,948.57	9.87	8.75	-38.83	1,410.66	956.63	1,439.63	1,421.25	18.38	78.319		
2,100.00	2,064.93	2,046.85	2,046.83	10.35	9.14	-39.36	1,409.95	956.57	1,422.03	1,402.80	19.23	73.934		
2,200.00	2,162.56	2,145.90	2,145.88	10.83	9.54	-39.92	1,409.24	956.36	1,404.50	1,384.40	20.09	69.893		
2,300.00	2,260.20	2,245.89	2,245.86	11.32	9.95	-40.51	1,408.55	955.74	1,386.95	1,365.98	20.96	66.157		
2,400.00	2,357.84	2,344.18	2,344.14	11.80	10.34	-41.11	1,407.80	954.90	1,369.38	1,347.54	21.83	62.718		
2,500.00	2,455.48	2,439.11	2,439.07	12.29	10.73	-41.72	1,407.17	954.06	1,352.03	1,329.33	22.70	59.565		
2,600.00	2,553.11	2,532.45	2,532.41	12.78	11.11	-42.33	1,406.83	953.22	1,335.11	1,311.54	23.56	56.661		
2,700.00	2,650.75	2,626.04	2,626.00	13.27	11.49	-42.96	1,406.80	952.38	1,318.65	1,294.22	24.43	53.972		
2,800.00	2,748.39	2,721.47	2,721.42	13.77	11.89	-43.62	1,406.97	951.67	1,302.61	1,277.30	25.31	51.466		
2,900.00	2,846.02	2,820.12	2,820.06	14.26	12.29	-44.31	1,407.13	950.94	1,286.75	1,260.55	26.20	49.112		
3,000.00	2,943.66	2,919.13	2,919.26	14.76	12.70	-45.03	1,407.20	950.27	1,271.02	1,243.93	27.10	46.908		
3,100.00	3,041.30	3,022.30	3,022.24	15.25	13.13	-45.78	1,406.85	949.62	1,255.12	1,227.12	28.00	44.818		
3,200.00	3,138.94	3,119.26	3,119.20	15.75	13.53	-46.50	1,406.35	948.99	1,239.25	1,210.35	28.90	42.880		
3,300.00	3,236.57	3,212.26	3,212.20	16.25	13.92	-47.21	1,406.08	948.29	1,223.76	1,193.97	29.79	41.081		
3,400.00	3,334.21	3,298.08	3,298.02	16.75	14.27	-47.90	1,406.47	947.64	1,209.18	1,178.52	30.66	39.438		
3,500.00	3,431.85	3,390.48	3,390.41	17.25	14.66	-48.66	1,407.51	947.14	1,195.52	1,163.97	31.55	37.893		
3,600.00	3,529.48	3,485.92	3,485.83	17.75	15.05	-49.45	1,408.84	946.83	1,182.40	1,149.95	32.45	36.436		
3,700.00	3,627.12	3,578.32	3,578.22	18.25	15.44	-50.23	1,410.37	946.63	1,169.81	1,136.47	33.35	35.081		
3,800.00	3,724.76	3,674.21	3,674.09	18.75	15.84	-51.04	1,412.26	946.67	1,157.83	1,123.58	34.25	33.803		
3,900.00	3,822.40	3,772.09	3,771.96	19.25	16.25	-51.90	1,414.28	946.57	1,146.15	1,110.98	35.17	32.591		
4,000.00	3,920.03	3,876.95	3,876.80	19.75	16.69	-52.84	1,416.19	946.37	1,134.50	1,098.40	36.11	31.422		
4,100.00	4,017.67	3,979.50	3,979.34	20.25	17.12	-53.80	1,417.49	945.72	1,122.49	1,085.45	37.04	30.307		
4,200.00	4,115.31	4,079.88	4,079.71	20.76	17.54	-54.76	1,418.47	944.90	1,110.48	1,072.51	37.97	29.249		
4,300.00	4,212.94	4,177.98	4,177.80	21.26	17.95	-55.71	1,419.26	944.20	1,098.61	1,059.72	38.89	28.249		
4,400.00	4,310.58	4,277.36	4,277.18	21.76	18.37	-56.69	1,419.95	943.63	1,086.99	1,047.17	39.82	27.297		
4,500.00	4,408.22	4,375.74	4,375.56	22.27	18.79	-57.68	1,420.50	942.99	1,075.53	1,034.78	40.75	26.394		
4,600.00	4,505.86	4,473.92	4,473.73	22.77	19.20	-58.68	1,420.99	942.47	1,064.36	1,022.68	41.68	25.537		
4,700.00	4,603.49	4,570.09	4,569.89	23.28	19.60	-59.68	1,421.45	942.11	1,053.53	1,010.93	42.60	24.728		
4,800.00	4,701.13	4,669.22	4,669.03	23.78	20.02	-60.72	1,422.01	941.70	1,043.12	999.58	43.54	23.958		
4,900.00	4,798.77	4,771.60	4,771.41	24.28	20.46	-61.82	1,422.23	941.32	1,032.73	988.25	44.48	23.217		
5,000.00	4,896.40	4,872.54	4,872.35	24.79	20.88	-62.93	1,422.01	940.80	1,022.27	976.85	45.42	22.506		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,994.04	4,973.27	4,973.07	25.30	21.31	-64.06	1,421.50	940.34	1,011.90	965.54	46.36	21.825		
5,200.00	5,091.68	5,075.23	5,075.03	25.80	21.74	-65.22	1,420.59	939.92	1,001.55	954.24	47.31	21.171		
5,300.00	5,189.32	5,170.05	5,169.84	26.31	22.14	-66.31	1,419.56	939.67	991.40	943.17	48.24	20.553		
5,400.00	5,286.95	5,271.88	5,271.67	26.81	22.57	-67.48	1,418.61	939.87	981.80	932.62	49.18	19.963		
5,500.00	5,384.59	5,368.45	5,368.23	27.32	22.98	-68.63	1,417.28	939.83	972.17	922.05	50.12	19.398		
5,600.00	5,482.23	5,465.91	5,465.68	27.82	23.39	-69.81	1,416.18	939.73	963.20	912.14	51.05	18.867		
5,700.00	5,579.87	5,562.76	5,562.52	28.33	23.80	-71.02	1,414.99	939.29	954.58	902.59	51.99	18.361		
5,800.00	5,677.50	5,660.23	5,659.98	28.84	24.21	-72.26	1,413.90	938.87	946.53	893.61	52.93	17.884		
5,900.00	5,775.14	5,757.26	5,757.01	29.34	24.62	-73.52	1,412.76	938.47	938.90	885.04	53.86	17.432		
6,000.00	5,872.78	5,853.97	5,853.71	29.85	25.03	-74.78	1,411.75	938.16	931.85	877.06	54.79	17.006		
6,100.00	5,970.41	5,950.30	5,950.03	30.36	25.44	-76.06	1,410.79	937.73	925.36	869.63	55.73	16.605		
6,200.00	6,068.05	6,044.47	6,044.21	30.86	25.84	-77.33	1,410.03	937.15	919.58	862.93	56.65	16.232		
6,300.00	6,165.69	6,139.87	6,139.59	31.37	26.25	-78.65	1,409.62	936.37	914.73	857.15	57.58	15.887		
6,400.00	6,263.33	6,237.84	6,237.56	31.88	26.67	-80.00	1,409.18	935.65	910.36	851.85	58.51	15.560		
6,500.00	6,360.96	6,333.47	6,333.19	32.38	27.07	-81.34	1,408.84	934.94	906.62	847.20	59.43	15.256		
6,600.00	6,458.60	6,429.59	6,429.31	32.89	27.48	-82.68	1,408.75	934.28	903.65	843.30	60.35	14.974		
6,628.42	6,486.35	6,457.57	6,457.29	33.04	27.60	-83.07	1,408.74	934.11	902.91	842.30	60.61	14.897		
6,650.00	6,507.49	6,478.89	6,478.61	33.14	27.69	-78.98	1,408.72	933.99	902.25	841.44	60.81	14.838		
6,700.00	6,556.88	6,528.09	6,527.80	33.37	27.90	-61.54	1,408.69	933.73	899.90	838.66	61.25	14.693		
6,750.00	6,606.60	6,577.18	6,576.89	33.58	28.11	-22.87	1,408.70	933.53	896.38	834.72	61.66	14.537		
6,800.00	6,656.35	6,626.65	6,626.36	33.76	28.32	19.84	1,408.76	933.37	891.65	829.59	62.06	14.368		
6,850.00	6,705.83	6,676.14	6,675.85	33.94	28.53	41.13	1,408.81	933.16	885.71	823.27	62.45	14.184		
6,900.00	6,754.72	6,724.71	6,724.43	34.12	28.74	51.71	1,408.84	932.91	878.67	815.83	62.83	13.984		
6,950.00	6,802.72	6,772.10	6,771.82	34.31	28.94	58.27	1,408.91	932.65	870.66	807.44	63.22	13.772		
7,000.00	6,849.54	6,819.10	6,818.81	34.50	29.14	63.18	1,409.01	932.41	861.90	798.28	63.62	13.549		
7,050.00	6,894.89	6,865.64	6,865.36	34.71	29.33	67.34	1,409.10	932.28	852.54	788.52	64.02	13.317		
7,100.00	6,938.49	6,910.28	6,909.99	34.93	29.52	71.13	1,409.15	932.27	842.89	778.46	64.42	13.083		
7,150.00	6,980.07	6,950.70	6,950.41	35.17	29.70	74.60	1,409.21	932.25	833.36	768.53	64.83	12.854		
7,200.00	7,019.38	6,989.38	6,989.10	35.43	29.86	77.90	1,409.29	932.18	824.36	759.11	65.25	12.634		
7,250.00	7,056.17	7,026.29	7,026.00	35.71	30.02	81.03	1,409.38	932.09	816.28	750.61	65.67	12.429		
7,300.00	7,090.21	7,060.62	7,060.33	36.03	30.16	83.93	1,409.46	932.05	809.54	743.44	66.10	12.246		
7,350.00	7,121.30	7,091.89	7,091.60	36.37	30.29	86.54	1,409.53	932.05	804.58	738.04	66.54	12.092		
7,400.00	7,149.25	7,120.67	7,120.38	36.75	30.42	88.83	1,409.58	932.08	801.81	734.84	66.97	11.973		
7,429.05	7,163.97	7,135.92	7,135.64	36.99	30.48	89.97	1,409.59	932.12	801.36	734.14	67.22	11.921 CC, ES		
7,450.00	7,173.87	7,146.15	7,145.86	37.17	30.52	90.70	1,409.59	932.16	801.60	734.21	67.39	11.894		
7,500.00	7,195.03	7,167.27	7,166.98	37.62	30.61	92.04	1,409.58	932.24	804.29	736.49	67.80	11.862 SF		
7,550.00	7,212.58	7,184.63	7,184.35	38.11	30.69	92.85	1,409.57	932.31	810.13	741.94	68.19	11.880		
7,600.00	7,226.43	7,198.29	7,198.00	38.64	30.74	93.08	1,409.57	932.36	819.23	750.69	68.55	11.952		
7,650.00	7,236.48	7,208.14	7,207.86	39.20	30.79	92.72	1,409.56	932.40	831.64	762.78	68.86	12.077		
7,700.00	7,242.68	7,214.14	7,213.85	39.79	30.81	91.73	1,409.56	932.43	847.26	778.13	69.13	12.256		
7,753.32	7,245.00	7,216.25	7,215.96	40.44	30.82	89.97	1,409.56	932.44	867.24	797.88	69.36	12.503		
7,800.00	7,245.08	7,216.14	7,215.85	41.04	30.82	89.96	1,409.56	932.44	887.17	817.64	69.53	12.759		
7,900.00	7,245.26	7,215.92	7,215.63	42.43	30.82	89.95	1,409.56	932.43	936.31	866.45	69.86	13.403		
8,000.00	7,245.43	7,215.70	7,215.41	43.97	30.82	89.93	1,409.56	932.43	993.11	922.98	70.12	14.163		
8,100.00	7,245.61	7,215.48	7,215.19	45.64	30.82	89.91	1,409.56	932.43	1,056.34	986.01	70.32	15.021		
8,200.00	7,245.79	7,215.25	7,214.96	47.42	30.82	89.90	1,409.56	932.43	1,124.92	1,054.44	70.48	15.961		
8,300.00	7,245.97	7,215.03	7,214.74	49.30	30.82	89.88	1,409.56	932.43	1,197.93	1,127.33	70.59	16.969		
8,400.00	7,246.14	7,214.81	7,214.52	51.28	30.81	89.87	1,409.56	932.43	1,274.60	1,203.93	70.68	18.034		
8,500.00	7,246.32	7,214.59	7,214.30	53.34	30.81	89.85	1,409.56	932.43	1,354.33	1,283.59	70.74	19.145		
8,600.00	7,246.50	7,214.36	7,214.07	55.46	30.81	89.83	1,409.56	932.43	1,436.59	1,365.81	70.78	20.296		
8,700.00	7,246.67	7,214.14	7,213.85	57.66	30.81	89.82	1,409.56	932.43	1,520.98	1,450.17	70.81	21.479		
8,800.00	7,246.85	7,213.92	7,213.63	59.90	30.81	89.80	1,409.56	932.43	1,607.16	1,536.33	70.83	22.689		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,900.00	7,247.03	7,213.70	7,213.41	62.20	30.81	89.79	1,409.56	932.43	1,694.86	1,624.02	70.85	23.923		
9,000.00	7,247.21	7,213.47	7,213.18	64.55	30.81	89.77	1,409.56	932.43	1,783.86	1,713.00	70.86	25.176		
9,100.00	7,247.38	7,213.25	7,212.96	66.93	30.81	89.75	1,409.56	932.42	1,873.96	1,803.10	70.86	26.446		
9,200.00	7,247.56	7,213.03	7,212.74	69.35	30.81	89.74	1,409.56	932.42	1,965.03	1,894.16	70.86	27.729		
9,300.00	7,247.74	7,212.81	7,212.52	71.80	30.81	89.72	1,409.56	932.42	2,056.92	1,986.05	70.87	29.025		
9,400.00	7,247.91	7,212.58	7,212.29	74.29	30.80	89.71	1,409.56	932.42	2,149.54	2,078.67	70.87	30.331		
9,500.00	7,248.09	7,212.36	7,212.07	76.79	30.80	89.69	1,409.56	932.42	2,242.79	2,171.92	70.87	31.647		
9,600.00	7,248.27	7,212.14	7,211.85	79.33	30.80	89.67	1,409.56	932.42	2,336.60	2,265.73	70.87	32.970		
9,700.00	7,248.45	7,211.92	7,211.63	81.88	30.80	89.66	1,409.56	932.42	2,430.90	2,360.03	70.87	34.299		
9,800.00	7,248.62	7,211.69	7,211.40	84.45	30.80	89.64	1,409.56	932.42	2,525.64	2,454.76	70.88	35.634		
9,900.00	7,248.80	7,211.47	7,211.18	87.04	30.80	89.62	1,409.56	932.42	2,620.77	2,549.89	70.88	36.974		
10,000.00	7,248.98	7,211.25	7,210.96	89.65	30.80	89.61	1,409.56	932.42	2,716.25	2,645.37	70.89	38.319		
10,100.00	7,249.15	7,211.03	7,210.74	92.28	30.80	89.59	1,409.56	932.42	2,812.05	2,741.16	70.89	39.667		
10,200.00	7,249.33	7,210.80	7,210.51	94.91	30.80	89.58	1,409.56	932.41	2,908.13	2,837.23	70.90	41.018		
10,300.00	7,249.51	7,210.58	7,210.29	97.56	30.80	89.56	1,409.56	932.41	3,004.46	2,933.56	70.91	42.372		
10,400.00	7,249.69	7,210.36	7,210.07	100.22	30.80	89.54	1,409.56	932.41	3,101.03	3,030.11	70.92	43.728		
10,500.00	7,249.86	7,210.14	7,209.85	102.89	30.79	89.53	1,409.56	932.41	3,197.81	3,126.88	70.93	45.085		
10,600.00	7,250.04	7,209.91	7,209.62	105.57	30.79	89.51	1,409.56	932.41	3,294.78	3,223.84	70.94	46.445		
10,700.00	7,250.22	7,209.69	7,209.40	108.27	30.79	89.50	1,409.56	932.41	3,391.92	3,320.97	70.95	47.805		
10,800.00	7,250.39	7,209.47	7,209.18	110.96	30.79	89.48	1,409.56	932.41	3,489.23	3,418.26	70.97	49.166		
10,900.00	7,250.57	7,209.25	7,208.96	113.67	30.79	89.46	1,409.56	932.41	3,586.69	3,515.70	70.98	50.528		
11,000.00	7,250.75	7,209.02	7,208.73	116.39	30.79	89.45	1,409.56	932.41	3,684.28	3,613.28	71.00	51.890		
11,100.00	7,250.93	7,208.80	7,208.51	119.11	30.79	89.43	1,409.56	932.41	3,782.00	3,710.98	71.02	53.253		
11,200.00	7,251.10	7,208.58	7,208.29	121.83	30.79	89.42	1,409.56	932.41	3,879.83	3,808.79	71.04	54.615		
11,300.00	7,251.28	7,208.36	7,208.07	124.57	30.79	89.40	1,409.56	932.40	3,977.77	3,906.71	71.06	55.977		
11,400.00	7,251.46	7,208.13	7,207.84	127.31	30.79	89.38	1,409.56	932.40	4,075.81	4,004.73	71.08	57.339		
11,500.00	7,251.63	7,207.91	7,207.62	130.05	30.79	89.37	1,409.56	932.40	4,173.95	4,102.84	71.11	58.700		
11,600.00	7,251.81	7,207.69	7,207.40	132.80	30.78	89.35	1,409.56	932.40	4,272.17	4,201.04	71.13	60.060		
11,700.00	7,251.99	7,207.47	7,207.18	135.55	30.78	89.34	1,409.56	932.40	4,370.47	4,299.31	71.16	61.420		
11,800.00	7,252.17	7,207.24	7,206.95	138.31	30.78	89.32	1,409.56	932.40	4,468.85	4,397.66	71.18	62.779		
11,900.00	7,252.34	7,207.02	7,206.73	141.07	30.78	89.30	1,409.56	932.40	4,567.30	4,496.08	71.21	64.137		
12,000.00	7,252.52	7,206.80	7,206.51	143.84	30.78	89.29	1,409.56	932.40	4,665.81	4,594.57	71.24	65.493		
12,100.00	7,252.70	7,206.58	7,206.29	146.61	30.78	89.27	1,409.56	932.40	4,764.39	4,693.11	71.27	66.848		
12,200.00	7,252.87	7,206.35	7,206.06	149.38	30.78	89.25	1,409.56	932.40	4,863.02	4,791.72	71.30	68.202		
12,300.00	7,253.05	7,206.13	7,205.84	152.16	30.78	89.24	1,409.56	932.40	4,961.71	4,890.37	71.34	69.554		
12,400.00	7,253.23	7,205.91	7,205.62	154.94	30.78	89.22	1,409.56	932.39	5,060.45	4,989.08	71.37	70.905		
12,500.00	7,253.41	7,205.69	7,205.40	157.72	30.78	89.21	1,409.56	932.39	5,159.24	5,087.83	71.40	72.254		
12,600.00	7,253.58	7,205.46	7,205.17	160.51	30.77	89.19	1,409.56	932.39	5,258.07	5,186.63	71.44	73.601		
12,700.00	7,253.76	7,205.24	7,204.95	163.29	30.77	89.17	1,409.57	932.39	5,356.95	5,285.47	71.48	74.946		
12,800.00	7,253.94	7,205.02	7,204.73	166.08	30.77	89.16	1,409.57	932.39	5,455.87	5,384.35	71.52	76.289		
12,900.00	7,254.11	7,204.80	7,204.51	168.88	30.77	89.14	1,409.57	932.39	5,554.82	5,483.27	71.55	77.631		
13,000.00	7,254.29	7,204.57	7,204.28	171.67	30.77	89.13	1,409.57	932.39	5,653.82	5,582.22	71.59	78.970		
13,100.00	7,254.47	7,204.35	7,204.06	174.47	30.77	89.11	1,409.57	932.39	5,752.84	5,681.21	71.64	80.307		
13,200.00	7,254.65	7,204.13	7,203.84	177.27	30.77	89.09	1,409.57	932.39	5,851.91	5,780.23	71.68	81.642		
13,300.00	7,254.82	7,203.91	7,203.62	180.07	30.77	89.08	1,409.57	932.39	5,951.00	5,879.28	71.72	82.974		
13,400.00	7,255.00	7,203.68	7,203.39	182.87	30.77	89.06	1,409.57	932.39	6,050.12	5,978.36	71.77	84.305		
13,500.00	7,255.18	7,203.46	7,203.17	185.67	30.77	89.05	1,409.57	932.39	6,149.27	6,077.46	71.81	85.632		
13,600.00	7,255.35	7,203.24	7,202.95	188.48	30.77	89.03	1,409.57	932.38	6,248.45	6,176.60	71.86	86.958		
13,700.00	7,255.53	7,203.02	7,202.73	191.29	30.76	89.01	1,409.57	932.38	6,347.66	6,275.75	71.90	88.280		
13,800.00	7,255.71	7,202.79	7,202.50	194.10	30.76	89.00	1,409.57	932.38	6,446.88	6,374.93	71.95	89.601		
13,900.00	7,255.89	7,202.57	7,202.28	196.91	30.76	88.98	1,409.57	932.38	6,546.14	6,474.14	72.00	90.918		
14,000.00	7,256.06	7,202.35	7,202.06	199.72	30.76	88.97	1,409.57	932.38	6,645.41	6,573.36	72.05	92.233		

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 32C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 32C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

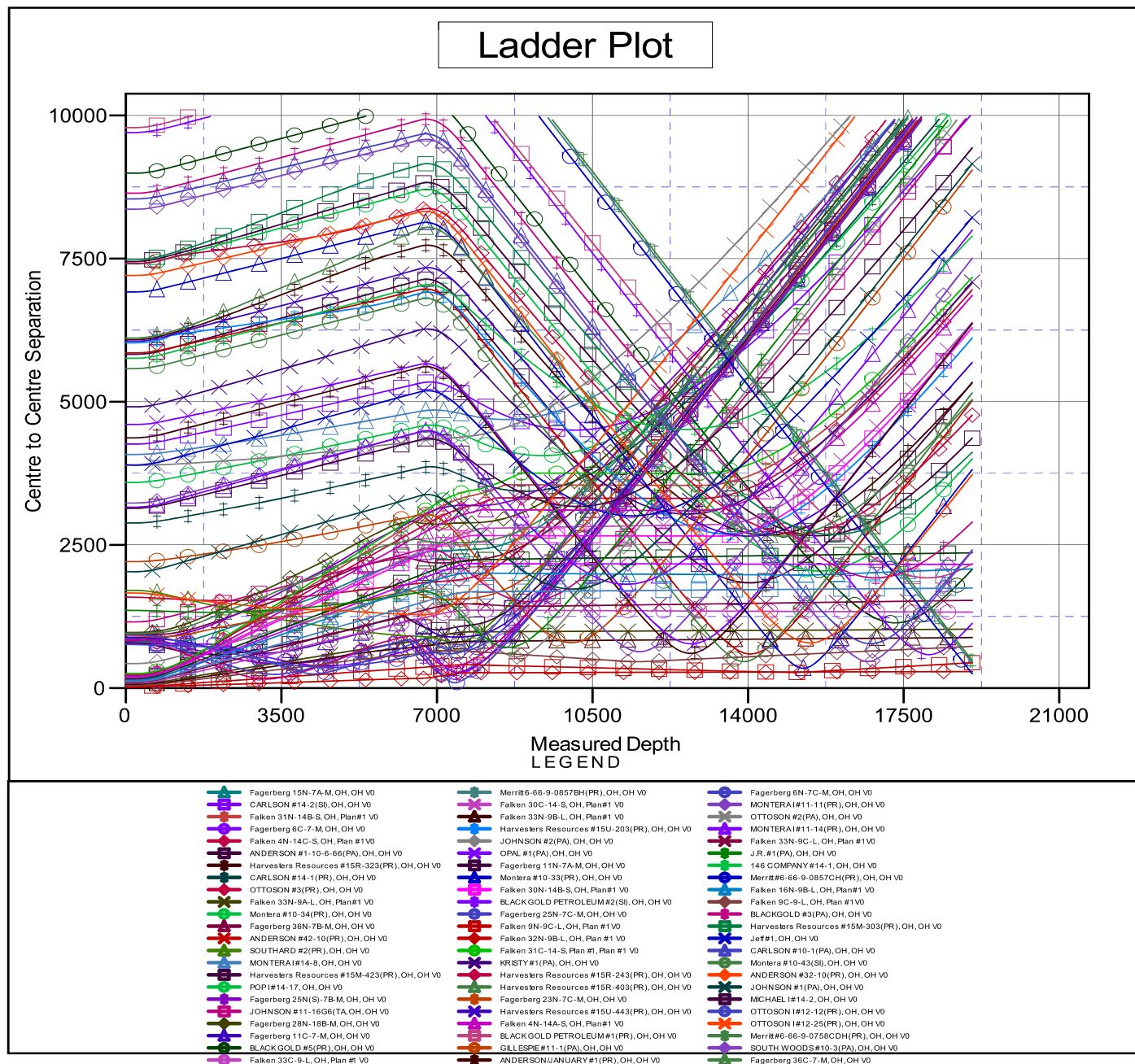
Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,256.24	7,202.13	7,201.84	202.53	30.76	88.95	1,409.57	932.38	6,744.71	6,672.61	72.10	93.545		
14,200.00	7,256.42	7,201.90	7,201.61	205.35	30.76	88.93	1,409.57	932.38	6,844.02	6,771.87	72.15	94.854		
14,300.00	7,256.59	7,201.68	7,201.39	208.16	30.76	88.92	1,409.57	932.38	6,943.36	6,871.15	72.21	96.161		
14,400.00	7,256.77	7,201.46	7,201.17	210.98	30.76	88.90	1,409.57	932.38	7,042.71	6,970.45	72.26	97.464		
14,500.00	7,256.95	7,201.24	7,200.95	213.80	30.76	88.89	1,409.57	932.38	7,142.09	7,069.77	72.31	98.765		
14,600.00	7,257.13	7,201.01	7,200.72	216.62	30.76	88.87	1,409.57	932.38	7,241.48	7,169.11	72.37	100.062		
14,700.00	7,257.30	7,200.79	7,200.50	219.44	30.76	88.85	1,409.57	932.37	7,340.88	7,268.46	72.43	101.357		
14,800.00	7,257.48	7,200.57	7,200.28	222.26	30.75	88.84	1,409.57	932.37	7,440.31	7,367.82	72.48	102.649		
14,900.00	7,257.66	7,200.35	7,200.06	225.08	30.75	88.82	1,409.57	932.37	7,539.74	7,467.20	72.54	103.937		
15,000.00	7,257.83	7,200.12	7,199.83	227.91	30.75	88.80	1,409.57	932.37	7,639.20	7,566.60	72.60	105.222		
15,100.00	7,258.01	7,199.90	7,199.61	230.73	30.75	88.79	1,409.57	932.37	7,738.66	7,666.00	72.66	106.504		
15,200.00	7,258.19	7,199.68	7,199.39	233.56	30.75	88.77	1,409.57	932.37	7,838.14	7,765.42	72.72	107.783		
15,300.00	7,258.37	7,199.46	7,199.17	236.38	30.75	88.76	1,409.57	932.37	7,937.64	7,864.85	72.78	109.059		
15,400.00	7,258.54	7,199.23	7,198.94	239.21	30.75	88.74	1,409.57	932.37	8,037.14	7,964.30	72.85	110.331		
15,500.00	7,258.72	7,199.01	7,198.72	242.04	30.75	88.72	1,409.57	932.37	8,136.66	8,063.75	72.91	111.601		
15,600.00	7,258.90	7,198.79	7,198.50	244.87	30.75	88.71	1,409.57	932.37	8,236.19	8,163.22	72.97	112.866		
15,700.00	7,259.08	7,198.56	7,198.28	247.70	30.75	88.69	1,409.57	932.37	8,335.73	8,262.69	73.04	114.129		
15,800.00	7,259.25	7,198.34	7,198.05	250.53	30.74	88.68	1,409.57	932.36	8,435.28	8,362.18	73.10	115.387		
15,900.00	7,259.43	7,198.12	7,197.83	253.36	30.74	88.66	1,409.57	932.36	8,534.84	8,461.67	73.17	116.643		
16,000.00	7,259.61	7,197.90	7,197.61	256.19	30.74	88.64	1,409.57	932.36	8,634.42	8,561.18	73.24	117.895		
16,100.00	7,259.78	7,197.67	7,197.39	259.02	30.74	88.63	1,409.57	932.36	8,734.00	8,660.69	73.31	119.143		
16,200.00	7,259.96	7,197.45	7,197.16	261.85	30.74	88.61	1,409.57	932.36	8,833.59	8,760.21	73.38	120.388		
16,300.00	7,260.14	7,197.23	7,196.94	264.68	30.74	88.60	1,409.57	932.36	8,933.19	8,859.74	73.45	121.630		
16,400.00	7,260.32	7,197.01	7,196.72	267.52	30.74	88.58	1,409.57	932.36	9,032.80	8,959.28	73.52	122.868		
16,500.00	7,260.49	7,196.78	7,196.50	270.35	30.74	88.56	1,409.57	932.36	9,132.42	9,058.83	73.59	124.102		
16,600.00	7,260.67	7,196.56	7,196.27	273.19	30.74	88.55	1,409.57	932.36	9,232.04	9,158.38	73.66	125.332		
16,700.00	7,260.85	7,196.34	7,196.05	276.02	30.74	88.53	1,409.57	932.36	9,331.68	9,257.94	73.73	126.559		
16,800.00	7,261.02	7,196.12	7,195.83	278.86	30.74	88.52	1,409.57	932.36	9,431.32	9,357.51	73.81	127.783		
16,900.00	7,261.20	7,195.89	7,195.61	281.69	30.73	88.50	1,409.57	932.35	9,530.97	9,457.09	73.88	129.002		
17,000.00	7,261.38	7,195.67	7,195.38	284.53	30.73	88.48	1,409.57	932.35	9,630.63	9,556.67	73.96	130.218		
17,100.00	7,261.56	7,195.45	7,195.16	287.37	30.73	88.47	1,409.57	932.35	9,730.29	9,656.26	74.03	131.430		
17,200.00	7,261.73	7,195.23	7,194.94	290.21	30.73	88.45	1,409.57	932.35	9,829.96	9,755.85	74.11	132.639		
17,300.00	7,261.91	7,195.00	7,194.72	293.04	30.73	88.44	1,409.57	932.35	9,929.64	9,855.45	74.19	133.843		

**Company:** Synergy Resources Corporation  
**Project:** SEC 12-13 T6N R66W  
**Reference Site:** Falken 9-11 PAD  
**Site Error:** 3.28 ft  
**Reference Well:** Falken 32C-9-L  
**Well Error:** 3.28 ft  
**Reference Wellbore:** OH  
**Reference Design:** Plan #1

**Local Co-ordinate Reference:** Well Falken 32C-9-L  
**TVD Reference:** GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)  
**MD Reference:** GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.45 sigma  
**Database:** EDM 5000.14 Single User Db  
**Offset TVD Reference:** Offset Datum

Reference Depths are relative to GL 4810 & KB 20 @ 4830.00ft ( ASSU  
Offset Depths are relative to Offset Datum  
Central Meridian is -105.5000000

Coordinates are relative to: Falken 32C-9-L  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.49°



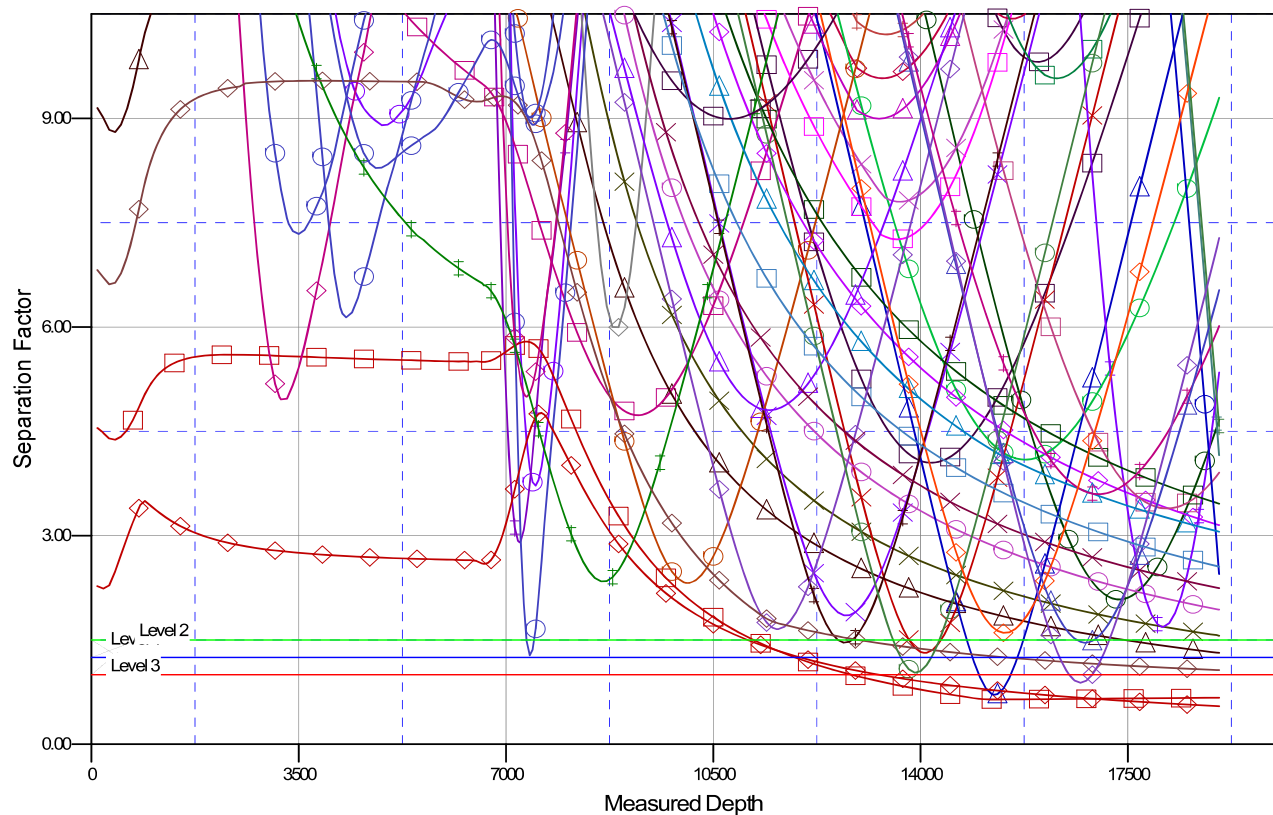
**Company:** Synergy Resources Corporation  
**Project:** SEC 12-13 T6N R66W  
**Reference Site:** Falken 9-11 PAD  
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**Reference Well:** Falken 32C-9-L  
**Well Error:** 3.28 ft  
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**Local Co-ordinate Reference:** Well Falken 32C-9-L  
**TVD Reference:** GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)  
**MD Reference:** GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.45 sigma  
**Database:** EDM 5000.14 Single User Db  
**Offset TVD Reference:** Offset Datum

Reference Depths are relative to GL 4810 & KB 20 @ 4830.00ft ( ASSU  
 Offset Depths are relative to Offset Datum  
 Central Meridian is -105.5000000

Coordinates are relative to: Falken 32C-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	Merrit#6-66-9-0857BH(PR), OH, OH V0	Fagerberg 6N-7C-M, OH, OH V0
CARLSON #14-2(S), OH, OH V0	Falken 30C-14-S, OH, Plan#1 V0	MONTERA #11-11(PR), OH, OH V0
Falken 31N-14B-S, OH, Plan#1 V0	Falken 33N-9B-L, OH, Plan#1 V0	OTTOSON #2(PA), OH, OH V0
Fagerberg 6C-7-M, OH, OH V0	Harvesters Resources #15U-203(PR), OH, OH V0	MONTERA #11-14(PR), OH, OH V0
Falken 4N-14C-S, OH, Plan#1 V0	JOHNSON #2(PA), OH, OH V0	Falken 33N-9C-L, OH, Plan#1 V0
ANDERSON #1-10-6-66(PA), OH, OH V0	OPAL #1(PA), OH, OH V0	J.R. #1(PA), OH, OH V0
Harvesters Resources #15R-323(PR), OH, OH V0	Fagerberg 11N-7A-M, OH, OH V0	146 COMPANY #14-1, OH, OH V0
CARLSON #14-1(PR), OH, OH V0	Montera #10-33(PR), OH, OH V0	Merrit#6-66-9-0857CH(PR), OH, OH V0
OTTOSON #3(PR), OH, OH V0	Falken 30N-14B-S, OH, Plan#1 V0	Falken 16N-9B-L, OH, Plan#1 V0
Falken 33N-9A-L, OH, Plan#1 V0	BLACK GOLD PETROLEUM #2(S), OH, OH V0	Falken 9C-9-L, OH, Plan#1 V0
Montera #10-34(PR), OH, OH V0	Fagerberg 25N-7C-M, OH, OH V0	BLACKGOLD #3(PA), OH, OH V0
Fagerberg 36N-7B-M, OH, OH V0	Falken 9N-9C-L, OH, Plan#1 V0	Harvesters Resources #15M-303(PR), OH, OH V0
ANDERSON #42-10(PR), OH, OH V0	Falken 32N-9B-L, OH, Plan#1 V0	Jeff #1, OH, OH V0
SOUTHWARD #2(PR), OH, OH V0	Falken 31C-14-S, Plan#1 V0	CARLSON #10-1(PA), OH, OH V0
MONTERA #14-8, OH, OH V0	KRISTY #1(PA), OH, OH V0	Montera #10-43(S), OH, OH V0
Harvesters Resources #15M-423(PR), OH, OH V0	Harvesters Resources #15R-243(PR), OH, OH V0	ANDERSON #32-10(PR), OH, OH V0
POP #14-17, OH, OH V0	Harvesters Resources #15R-403(PR), OH, OH V0	JOHNSON #1(PA), OH, OH V0
Fagerberg 25N(S)-7B-M, OH, OH V0	Fagerberg 23N-7C-M, OH, OH V0	MICHAEL #14-2, OH, OH V0
JOHNSON #11-16G(TA), OH, OH V0	Harvesters Resources #15U-443(PR), OH, OH V0	OTTOSON #12-12(PR), OH, OH V0
Fagerberg 28N-18B-M, OH, OH V0	Falken 4N-14A-S, OH, Plan#1 V0	OTTOSON #12-25(PR), OH, OH V0
Fagerberg 11C-7-M, OH, OH V0	BLACK GOLD PETROLEUM #1(PR), OH, OH V0	Merrit#6-66-9-0758CDH(PR), OH, OH V0
BLACKGOLD #5(PR), OH, OH V0	GLESPIE #11-1(PA), OH, OH V0	SOUTH WOODS #10-3(PA), OH, OH V0
Falken 33C-9-L, OH, Plan#1 V0	ANDERSON JANUARY #1(PR), OH, OH V0	Fagerberg 36C-7-M, OH, OH V0