



# **Synergy Resources Corporation**

**SEC 12-13 T6N R66W  
Falken 9-11 PAD  
Falken 30C-14-S**

**OH  
Plan #1**

## **Anticollision Report**

**25 April, 2017**





<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

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

Survey Tool Program		Date	4/24/2017		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.00	13,555.54	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	12,812.26	7,234.99	1,668.91	1,257.75	4.059	CC, ES
146 COMPANY #14-1 - OH - OH	12,900.00	7,235.70	1,671.21	1,258.06	4.045	SF
ANDERSON #1-10-6-66(PA) - OH - OH	13,555.88	7,279.00	1,232.94	830.51	3.064	CC, ES, SF
ANDERSON #32-10(PR) - OH - OH	13,555.88	7,317.00	4,190.49	3,779.07	10.185	CC, ES, SF
ANDERSON #42-10(PR) - OH - OH	13,555.88	7,307.00	3,529.01	3,098.72	8.202	CC, ES, SF
ANDERSON/JANUARY #1(PR) - OH - OH	12,894.86	7,305.34	2,242.47	1,826.57	5.392	CC
ANDERSON/JANUARY #1(PR) - OH - OH	13,000.00	7,304.49	2,244.93	1,826.09	5.360	ES
ANDERSON/JANUARY #1(PR) - OH - OH	13,200.00	7,302.87	2,263.13	1,839.67	5.344	SF
BLACK GOLD #5(PR) - OH - OH	13,555.88	7,309.00	4,329.31	3,996.28	13.000	CC, ES, SF
BLACK GOLD PETROLEUM #1(PR) - OH - OH	13,555.88	7,310.00	4,788.68	4,482.49	15.639	CC, ES, SF
BLACK GOLD PETROLEUM #2(SI) - OH - OH	13,555.88	7,270.57	5,254.25	5,138.24	45.291	CC, ES, SF
BLACKGOLD #3(PA) - OH - OH	13,555.88	7,309.00	3,659.34	3,346.16	11.684	CC, ES, SF
CARLSON #10-1(PA) - OH - OH	13,555.88	7,303.00	4,992.30	4,605.87	12.919	CC, ES, SF
CARLSON #14-1(PR) - OH - OH	9,200.18	7,254.10	634.62	538.93	6.632	CC, ES, SF
CARLSON #14-2(SI) - OH - OH	10,318.69	7,210.85	1,687.63	1,344.85	4.923	CC, ES
CARLSON #14-2(SI) - OH - OH	10,500.00	7,212.31	1,697.34	1,350.86	4.899	SF
Fagerberg 11C-7-M - OH - OH	2,177.23	2,101.54	139.65	119.07	6.785	CC, ES
Fagerberg 11C-7-M - OH - OH	2,200.00	2,121.45	140.13	119.32	6.735	SF
Fagerberg 11N-7A-M - OH - OH	1,929.96	1,872.39	143.61	124.44	7.490	CC, ES
Fagerberg 11N-7A-M - OH - OH	2,000.00	1,932.97	147.64	127.88	7.473	SF
Fagerberg 15N-7A-M - OH - OH	3,275.44	3,136.24	148.70	116.49	4.616	CC
Fagerberg 15N-7A-M - OH - OH	3,300.00	3,160.05	148.82	116.26	4.570	ES
Fagerberg 15N-7A-M - OH - OH	7,301.11	7,500.65	267.81	192.77	3.569	SF
Fagerberg 23N-7C-M - OH - OH	3,023.63	2,903.52	158.23	128.55	5.330	CC, ES
Fagerberg 23N-7C-M - OH - OH	3,100.00	2,974.90	160.51	130.04	5.267	SF
Fagerberg 25N(S)-7B-M - OH - OH	1,964.58	1,897.85	219.29	200.05	11.400	CC, ES
Fagerberg 25N(S)-7B-M - OH - OH	2,100.00	2,015.86	229.82	209.36	11.232	SF
Fagerberg 25N-7B-M - OH - OH	1,682.75	1,641.96	293.59	276.42	17.097	CC, ES
Fagerberg 25N-7B-M - OH - OH	1,800.00	1,731.46	302.61	284.40	16.622	SF
Fagerberg 25N-7C-M - OH - OH	1,788.13	1,736.64	270.36	252.79	15.387	CC
Fagerberg 25N-7C-M - OH - OH	1,800.00	1,747.00	270.44	252.75	15.287	ES
Fagerberg 25N-7C-M - OH - OH	1,900.00	1,835.33	276.68	258.04	14.837	SF
Fagerberg 28N-18B-M - OH - OH	7,650.00	7,661.89	134.57	57.85	1.754	ES, SF
Fagerberg 28N-18B-M - OH - OH	7,656.99	7,655.85	134.52	57.90	1.756	CC
Fagerberg 36C-7-M - OH - OH	7,655.56	7,546.53	222.21	147.61	2.979	CC, ES, SF
Fagerberg 36N-7B-M - OH - OH	3,561.12	3,385.95	332.86	297.87	9.513	CC
Fagerberg 36N-7B-M - OH - OH	3,600.00	3,422.47	333.06	297.60	9.392	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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</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 36N-7B-M - OH - OH	7,350.00	7,691.40	501.78	426.01	6.622	SF
Fagerberg 3C-18-M - OH - OH	3,117.15	2,935.83	447.77	418.37	15.233	CC
Fagerberg 3C-18-M - OH - OH	3,200.00	3,012.99	448.50	418.24	14.822	ES
Fagerberg 3C-18-M - OH - OH	7,985.49	7,412.83	558.62	478.52	6.974	SF
Fagerberg 6C-7-M - OH - OH	2,378.34	2,269.44	254.97	232.03	11.113	CC, ES
Fagerberg 6C-7-M - OH - OH	2,500.00	2,369.06	263.07	239.10	10.975	SF
Fagerberg 6N-7C-M - OH - OH	2,305.25	2,199.80	276.50	254.29	12.450	CC, ES
Fagerberg 6N-7C-M - OH - OH	2,400.00	2,279.13	280.38	257.31	12.154	SF
Falken 16C-9-L - OH - Plan #1	200.00	200.00	75.05	68.37	11.244	CC, ES
Falken 16C-9-L - OH - Plan #1	13,555.88	13,360.14	1,143.71	781.94	3.161	SF
Falken 16N-9B-L - OH - Plan #1	200.00	200.00	60.11	53.43	9.006	CC, ES
Falken 16N-9B-L - OH - Plan #1	13,555.88	13,228.65	903.69	551.19	2.564	SF
Falken 30N-14B-S - OH - Plan #1	200.00	200.00	14.93	8.26	2.237	CC
Falken 30N-14B-S - OH - Plan #1	6,869.92	6,879.89	61.34	-13.53	0.819	Level 1, SF
Falken 30N-14B-S - OH - Plan #1	13,555.88	13,369.57	265.28	-20.98	0.927	Level 1, ES
Falken 31C-14-S - Plan #1 - Plan #1	810.92	802.80	50.16	40.84	5.382	CC
Falken 31C-14-S - Plan #1 - Plan #1	900.00	890.75	50.52	40.58	5.086	ES
Falken 31C-14-S - Plan #1 - Plan #1	13,150.60	13,488.84	895.33	554.11	2.624	SF
Falken 31N-14B-S - OH - Plan #1	787.27	781.83	35.57	26.41	3.882	CC
Falken 31N-14B-S - OH - Plan #1	900.00	893.67	36.17	26.23	3.641	ES
Falken 31N-14B-S - OH - Plan #1	13,147.77	13,262.13	706.45	370.73	2.104	SF
Falken 32C-9-L - OH - Plan #1	200.00	200.00	194.90	188.23	29.203	CC, ES
Falken 32C-9-L - OH - Plan #1	13,555.88	13,338.18	2,858.01	2,495.89	7.892	SF
Falken 32N-9B-L - OH - Plan #1	200.00	200.00	179.97	173.30	26.966	CC, ES
Falken 32N-9B-L - OH - Plan #1	13,555.88	13,156.87	2,657.36	2,296.36	7.361	SF
Falken 33C-9-L - OH - Plan #1	200.00	200.00	104.92	98.25	15.721	CC, ES
Falken 33C-9-L - OH - Plan #1	13,555.88	13,321.80	1,513.57	1,151.68	4.182	SF
Falken 33N-9A-L - OH - Plan #1	200.00	200.00	119.86	113.19	17.959	CC, ES
Falken 33N-9A-L - OH - Plan #1	13,555.88	13,015.92	1,925.94	1,569.42	5.402	SF
Falken 33N-9B-L - OH - Plan #1	200.00	200.00	134.79	128.12	20.196	CC, ES
Falken 33N-9B-L - OH - Plan #1	13,555.88	13,152.01	2,037.56	1,676.71	5.647	SF
Falken 33N-9C-L - OH - Plan #1	200.00	200.00	89.99	83.31	13.483	CC, ES
Falken 33N-9C-L - OH - Plan #1	13,555.88	13,240.51	1,397.17	1,037.15	3.881	SF
Falken 34C-9-L - OH - Plan #1	200.00	200.00	44.81	38.13	6.714	CC, ES
Falken 34C-9-L - OH - Plan #1	13,555.88	13,427.84	692.07	330.60	1.915	SF
Falken 34N-9C-L - OH - Plan #1	200.00	200.00	29.87	23.20	4.476	CC
Falken 34N-9C-L - OH - Plan #1	300.00	300.76	30.03	23.14	4.361	ES
Falken 34N-9C-L - OH - Plan #1	13,555.88	13,336.28	576.23	226.33	1.647	SF
Falken 4N-14A-S - OH - Plan #1	557.83	557.06	9.40	1.56	1.199	Level 2, CC
Falken 4N-14A-S - OH - Plan #1	600.00	599.19	9.54	1.49	1.185	Level 2, ES, SF
Falken 4N-14C-S - OH - Plan #1	200.00	200.00	29.87	23.20	4.476	CC
Falken 4N-14C-S - OH - Plan #1	500.00	497.28	30.61	22.99	4.016	ES
Falken 4N-14C-S - OH - Plan #1	13,154.21	13,220.93	471.45	135.22	1.402	Level 3, SF
Falken 9C-9-L - OH - Plan #1	200.00	200.00	150.10	143.43	22.490	CC, ES
Falken 9C-9-L - OH - Plan #1	13,555.88	13,404.56	2,331.61	1,966.76	6.391	SF
Falken 9N-9C-L - OH - Plan #1	200.00	200.00	165.03	158.36	24.727	CC, ES
Falken 9N-9C-L - OH - Plan #1	13,555.88	13,147.80	2,580.25	2,219.92	7.161	SF
GILLESPIE #11-1(PA) - OH - OH	200.00	204.00	2,336.84	2,327.21	242.543	CC
GILLESPIE #11-1(PA) - OH - OH	300.00	304.02	2,338.54	2,325.65	181.346	ES
GILLESPIE #11-1(PA) - OH - OH	11,000.00	7,252.35	3,695.78	3,334.61	10.233	SF
Harvesters Resources #15M-303(PR) - OH - OH	13,555.88	7,287.90	2,593.84	2,519.12	34.712	CC, ES, SF
Harvesters Resources #15M-423(PR) - OH - OH	13,555.88	7,334.16	2,252.19	2,177.63	30.208	CC, ES, SF
Harvesters Resources #15R-243(PR) - OH - OH	13,555.88	7,242.66	1,782.81	1,708.36	23.947	CC, ES, 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 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</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 #15R-323(PR) - OH - OH	13,555.88	7,259.56	1,112.31	1,038.50	15.071	CC, ES, SF
Harvesters Resources #15R-403(PR) - OH - OH	13,555.88	7,329.22	1,430.92	1,357.48	19.484	CC, ES, SF
Harvesters Resources #15U-203(PR) - OH - OH	13,555.88	7,200.00	350.83	246.18	3.352	CC, ES, SF
Harvesters Resources #15U-443(PR) - OH - OH	13,555.88	7,283.29	693.18	620.07	9.482	CC, ES, SF
J.R. #1(PA) - OH - OH	200.00	106.00	1,548.34	1,541.19	216.387	CC
J.R. #1(PA) - OH - OH	300.00	205.98	1,549.94	1,540.14	158.201	ES
J.R. #1(PA) - OH - OH	9,700.00	7,151.85	3,626.07	3,301.26	11.163	SF
Jeff #1 - OH - OH	11,615.15	7,246.37	174.94	16.57	1.105	Level 2, CC, ES, SF
JOHNSON #1(PA) - OH - OH	10,254.86	7,230.58	1,087.76	966.02	8.935	CC
JOHNSON #1(PA) - OH - OH	10,300.00	7,231.04	1,088.69	965.59	8.844	ES
JOHNSON #1(PA) - OH - OH	10,400.00	7,232.05	1,097.40	971.76	8.734	SF
JOHNSON #11-16G6(TA) - OH - OH	1,171.15	1,133.65	999.40	955.24	22.629	CC
JOHNSON #11-16G6(TA) - OH - OH	1,500.00	1,442.72	1,005.69	949.03	17.750	ES
JOHNSON #11-16G6(TA) - OH - OH	9,400.00	7,224.43	1,302.42	981.74	4.061	SF
JOHNSON #2(PA) - OH - OH	0.00	0.00	511.89			
JOHNSON #2(PA) - OH - OH	9,900.00	7,236.93	2,434.83	2,324.05	21.979	SF
KRISTY #1(PA) - OH - OH	12,857.36	7,256.62	190.46	-2.11	0.989	Level 1, CC, ES, SF
Merritt #6-66-9-0758CDH(PR) - OH - OH	13,555.88	11,976.00	6,217.85	6,068.84	41.729	CC, ES, SF
Merritt #6-66-9-0857CH(PR) - OH - OH	13,555.88	11,988.00	5,921.15	5,773.41	40.078	CC, ES, SF
Merritt 6-66-9-0857BH(PR) - OH - OH	13,555.88	11,790.00	6,187.18	6,039.59	41.920	CC, ES, SF
MICHAEL I #14-2 - OH - OH	10,381.97	7,230.36	353.78	8.67	1.025	Level 2, CC, ES, SF
Montera #10-33(PR) - OH - OH	13,555.88	7,306.00	3,154.20	2,755.98	7.921	CC, ES, SF
Montera #10-34(PR) - OH - OH	13,555.88	7,281.00	2,407.11	2,083.62	7.441	CC, ES, SF
Montera #10-43(SI) - OH - OH	13,555.88	7,287.00	2,462.41	2,033.97	5.747	CC, ES, SF
MONTERA I #11-11(PR) - OH - OH	11,755.34	7,278.46	2,199.20	1,815.63	5.733	CC
MONTERA I #11-11(PR) - OH - OH	11,800.00	7,278.82	2,199.66	1,814.77	5.715	ES
MONTERA I #11-11(PR) - OH - OH	12,000.00	7,280.43	2,212.77	1,822.64	5.672	SF
MONTERA I #11-14(PR) - OH - OH	11,461.66	7,258.08	1,018.51	643.65	2.717	CC
MONTERA I #11-14(PR) - OH - OH	11,500.00	7,258.39	1,019.23	643.20	2.710	ES, SF
MONTERA I #14-8 - OH - OH	8,787.32	7,216.48	1,893.93	1,587.71	6.185	CC
MONTERA I #14-8 - OH - OH	8,800.00	7,216.58	1,893.97	1,587.54	6.181	ES
MONTERA I #14-8 - OH - OH	9,000.00	7,218.20	1,905.83	1,596.02	6.151	SF
OPAL #1(PA) - OH - OH	12,893.45	7,311.65	3,623.27	3,207.19	8.708	CC
OPAL #1(PA) - OH - OH	13,000.00	7,312.51	3,624.84	3,205.69	8.648	ES
OPAL #1(PA) - OH - OH	13,555.88	7,317.00	3,683.32	3,250.58	8.512	SF
OTTOSON #2(PA) - OH - OH	7,741.44	7,195.77	1,622.32	1,552.73	23.313	CC
OTTOSON #2(PA) - OH - OH	7,750.00	7,198.77	1,622.36	1,552.73	23.299	ES
OTTOSON #2(PA) - OH - OH	7,850.00	7,226.09	1,628.62	1,558.42	23.199	SF
OTTOSON #3(PR) - OH - OH	4,929.61	4,651.55	197.61	148.53	4.026	CC, ES
OTTOSON #3(PR) - OH - OH	5,000.00	4,717.63	199.02	149.36	4.007	SF
OTTOSON I #12-12(PR) - OH - OH	1,481.27	1,389.81	946.76	932.30	65.489	CC
OTTOSON I #12-12(PR) - OH - OH	1,600.00	1,501.03	947.61	932.07	60.975	ES
OTTOSON I #12-12(PR) - OH - OH	8,600.00	7,224.47	2,395.99	2,311.67	28.415	SF
OTTOSON I #12-25(PR) - OH - OH	3,718.45	3,433.24	1,316.54	1,280.10	36.130	CC
OTTOSON I #12-25(PR) - OH - OH	3,800.00	3,510.06	1,316.78	1,279.49	35.311	ES
OTTOSON I #12-25(PR) - OH - OH	6,900.00	6,522.06	1,568.38	1,500.62	23.145	SF
POP I #14-17 - OH - OH	9,596.36	7,220.02	1,252.52	927.70	3.856	CC
POP I #14-17 - OH - OH	9,600.00	7,220.04	1,252.53	927.63	3.855	ES
POP I #14-17 - OH - OH	9,700.00	7,220.85	1,256.80	930.12	3.847	SF
SOUTH WOODS #10-3(PA) - OH - OH	13,555.88	7,273.00	4,121.16	3,760.42	11.424	CC, ES, SF
SOUTHARD #2(PR) - OH - OH	100.00	66.41	1,871.39	1,864.82	284.929	CC, ES
SOUTHARD #2(PR) - OH - OH	10,000.00	7,212.71	4,320.70	4,212.98	40.110	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 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-131.11	-3,701.71	-4,241.37	5,629.67					
100.00	100.00	64.00	64.00	3.28	3.47	-131.11	-3,701.71	-4,241.37	5,629.56	5,622.81	6.75	834.040		
200.00	200.00	164.00	164.00	3.34	5.16	-131.11	-3,701.71	-4,241.37	5,629.56	5,621.06	8.49	662.750		
300.00	299.98	263.98	263.98	3.44	8.16	82.96	-3,701.71	-4,241.37	5,629.34	5,617.74	11.60	485.356		
400.00	399.84	363.84	363.84	3.59	11.44	83.03	-3,701.71	-4,241.37	5,628.70	5,613.68	15.03	374.579		
500.00	499.45	463.45	463.45	3.79	14.80	83.14	-3,701.71	-4,241.37	5,627.65	5,609.06	18.59	302.712		
600.00	598.70	562.70	562.70	4.04	18.20	83.29	-3,701.71	-4,241.37	5,626.20	5,603.97	22.23	253.097		
700.00	697.47	661.47	661.47	4.32	21.60	83.48	-3,701.71	-4,241.37	5,624.37	5,598.46	25.92	217.030		
800.00	795.62	759.62	759.62	4.64	24.99	83.71	-3,701.71	-4,241.37	5,622.21	5,592.57	29.63	189.731		
900.00	893.06	857.06	857.06	5.01	28.36	83.99	-3,701.71	-4,241.37	5,619.73	5,586.36	33.37	168.400		
1,000.00	989.64	953.64	953.64	5.41	31.72	84.29	-3,701.71	-4,241.37	5,617.00	5,579.87	37.12	151.302		
1,100.00	1,085.27	1,049.27	1,049.27	5.85	35.04	84.64	-3,701.71	-4,241.37	5,614.05	5,573.16	40.89	137.308		
1,200.00	1,179.82	1,143.82	1,143.82	6.33	38.33	85.01	-3,701.71	-4,241.37	5,610.95	5,566.29	44.65	125.654		
1,300.00	1,273.78	1,237.78	1,237.78	6.85	41.60	85.34	-3,701.71	-4,241.37	5,607.89	5,559.45	48.44	115.780		
1,400.00	1,367.75	1,331.75	1,331.75	7.38	44.87	85.67	-3,701.71	-4,241.37	5,605.03	5,552.79	52.24	107.295		
1,500.00	1,461.72	1,425.72	1,425.72	7.93	48.14	85.99	-3,701.71	-4,241.37	5,602.39	5,546.33	56.06	99.935		
1,600.00	1,555.69	1,519.69	1,519.69	8.49	51.41	86.32	-3,701.71	-4,241.37	5,599.95	5,540.05	59.90	93.495		
1,700.00	1,649.66	1,613.66	1,613.66	9.07	54.69	86.65	-3,701.71	-4,241.37	5,597.72	5,533.98	63.74	87.818		
1,800.00	1,743.63	1,707.63	1,707.63	9.65	57.96	86.98	-3,701.71	-4,241.37	5,595.70	5,528.10	67.60	82.778		
1,900.00	1,837.60	1,801.60	1,801.60	10.24	61.24	87.31	-3,701.71	-4,241.37	5,593.88	5,522.42	71.46	78.277		
2,000.00	1,931.57	1,904.43	1,904.43	10.83	64.82	87.64	-3,701.71	-4,241.37	5,592.28	5,516.64	75.64	73.930		
2,100.00	2,025.54	1,989.54	1,989.54	11.43	67.79	87.97	-3,701.71	-4,241.37	5,590.88	5,511.67	79.21	70.583		
2,200.00	2,119.51	2,083.51	2,083.51	12.03	71.07	88.30	-3,701.71	-4,241.37	5,589.69	5,506.60	83.09	67.271		
2,300.00	2,213.48	2,177.48	2,177.48	12.64	74.34	88.62	-3,701.71	-4,241.37	5,588.72	5,501.74	86.98	64.255		
2,400.00	2,307.45	2,271.45	2,271.45	13.25	77.62	88.95	-3,701.71	-4,241.37	5,587.95	5,497.08	90.87	61.496		
2,500.00	2,401.42	2,365.42	2,365.42	13.87	80.90	89.28	-3,701.71	-4,241.37	5,587.39	5,492.63	94.76	58.964		
2,600.00	2,495.39	2,459.39	2,459.39	14.48	84.18	89.61	-3,701.71	-4,241.37	5,587.04	5,488.38	98.65	56.633		
2,700.00	2,589.35	2,553.35	2,553.35	15.10	87.45	89.94	-3,701.71	-4,241.37	5,586.90	5,484.35	102.55	54.479		
2,717.41	2,605.72	2,569.72	2,569.72	15.21	88.02	90.00	-3,701.71	-4,241.37	5,586.89	5,483.66	103.23	54.121		
2,800.00	2,683.32	2,647.32	2,647.32	15.72	90.73	90.27	-3,701.71	-4,241.37	5,586.96	5,480.51	106.45	52.485		
2,900.00	2,777.29	2,741.29	2,741.29	16.34	94.01	90.60	-3,701.71	-4,241.37	5,587.24	5,476.89	110.35	50.632		
3,000.00	2,871.26	2,835.26	2,835.26	16.97	97.29	90.93	-3,701.71	-4,241.37	5,587.73	5,473.48	114.25	48.907		
3,100.00	2,965.23	2,929.23	2,929.23	17.59	100.57	91.26	-3,701.71	-4,241.37	5,588.42	5,470.27	118.16	47.297		
3,200.00	3,059.20	3,023.20	3,023.20	18.22	103.85	91.59	-3,701.71	-4,241.37	5,589.33	5,467.27	122.06	45.791		
3,300.00	3,153.17	3,117.17	3,117.17	18.84	107.13	91.92	-3,701.71	-4,241.37	5,590.44	5,464.48	125.97	44.380		
3,400.00	3,247.14	3,211.14	3,211.14	19.47	110.40	92.25	-3,701.71	-4,241.37	5,591.77	5,461.89	129.87	43.055		
3,500.00	3,341.11	3,305.11	3,305.11	20.10	113.68	92.58	-3,701.71	-4,241.37	5,593.30	5,459.52	133.78	41.809		
3,600.00	3,435.08	3,400.08	3,400.08	20.73	117.03	92.91	-3,701.71	-4,241.37	5,595.04	5,457.29	137.75	40.616		
3,700.00	3,529.05	3,506.95	3,506.95	21.36	120.73	93.24	-3,701.71	-4,241.37	5,596.99	5,454.91	142.08	39.392		
3,800.00	3,623.02	3,587.02	3,587.02	21.99	123.52	93.56	-3,701.71	-4,241.37	5,599.15	5,453.64	145.51	38.480		
3,900.00	3,716.99	3,680.99	3,680.99	22.62	126.80	93.89	-3,701.71	-4,241.37	5,601.51	5,452.10	149.42	37.489		
4,000.00	3,810.95	3,774.95	3,774.95	23.25	130.08	94.22	-3,701.71	-4,241.37	5,604.09	5,450.76	153.33	36.550		
4,100.00	3,904.92	3,868.92	3,868.92	23.88	133.36	94.55	-3,701.71	-4,241.37	5,606.87	5,449.63	157.23	35.659		
4,200.00	3,998.89	3,962.89	3,962.89	24.52	136.64	94.87	-3,701.71	-4,241.37	5,609.86	5,448.71	161.14	34.813		
4,300.00	4,092.86	4,056.86	4,056.86	25.15	139.92	95.20	-3,701.71	-4,241.37	5,613.05	5,448.00	165.05	34.007		
4,400.00	4,186.83	4,150.83	4,150.83	25.78	143.20	95.53	-3,701.71	-4,241.37	5,616.45	5,447.49	168.96	33.241		
4,500.00	4,280.80	4,244.80	4,244.80	26.42	146.48	95.85	-3,701.71	-4,241.37	5,620.06	5,447.19	172.87	32.510		
4,600.00	4,374.77	4,338.77	4,338.77	27.05	149.76	96.18	-3,701.71	-4,241.37	5,623.87	5,447.09	176.78	31.812		
4,700.00	4,468.74	4,432.74	4,432.74	27.68	153.04	96.51	-3,701.71	-4,241.37	5,627.89	5,447.20	180.69	31.146		
4,800.00	4,562.71	4,526.71	4,526.71	28.32	156.32	96.83	-3,701.71	-4,241.37	5,632.12	5,447.51	184.60	30.510		
4,900.00	4,656.68	4,620.68	4,620.68	28.95	159.60	97.16	-3,701.71	-4,241.37	5,636.54	5,448.03	188.51	29.900		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,750.65	4,714.65	4,714.65	29.59	162.88	97.48	-3,701.71	-4,241.37	5,641.17	5,448.76	192.42	29.317		
5,100.00	4,844.62	4,808.62	4,808.62	30.23	166.16	97.80	-3,701.71	-4,241.37	5,646.01	5,449.68	196.33	28.758		
5,200.00	4,938.59	4,902.59	4,902.59	30.86	169.44	98.13	-3,701.71	-4,241.37	5,651.05	5,450.81	200.23	28.222		
5,300.00	5,032.56	5,003.44	4,996.56	31.50	172.96	98.45	-3,701.71	-4,241.37	5,656.29	5,451.91	204.38	27.675		
5,400.00	5,126.52	5,109.48	5,090.52	32.13	176.66	98.77	-3,701.71	-4,241.37	5,661.73	5,453.02	208.71	27.127		
5,500.00	5,220.49	5,184.49	5,184.49	32.77	179.28	99.09	-3,701.71	-4,241.37	5,667.37	5,455.42	211.95	26.739		
5,600.00	5,314.46	5,278.46	5,278.46	33.41	182.56	99.42	-3,701.71	-4,241.37	5,673.22	5,457.36	215.86	26.282		
5,700.00	5,408.43	5,372.43	5,372.43	34.04	185.84	99.74	-3,701.71	-4,241.37	5,679.26	5,459.49	219.76	25.842		
5,800.00	5,502.40	5,466.40	5,466.40	34.68	189.12	100.06	-3,701.71	-4,241.37	5,685.50	5,461.83	223.67	25.419		
5,900.00	5,596.37	5,560.37	5,560.37	35.32	192.40	100.37	-3,701.71	-4,241.37	5,691.94	5,464.37	227.57	25.012		
6,000.00	5,690.34	5,654.34	5,654.34	35.96	195.68	100.69	-3,701.71	-4,241.37	5,698.58	5,467.11	231.48	24.618		
6,100.00	5,784.31	5,748.31	5,748.31	36.59	198.96	101.01	-3,701.71	-4,241.37	5,705.42	5,470.04	235.38	24.239		
6,200.00	5,878.28	5,842.28	5,842.28	37.23	202.24	101.33	-3,701.71	-4,241.37	5,712.45	5,473.17	239.28	23.873		
6,300.00	5,972.25	5,936.25	5,936.25	37.87	205.52	101.65	-3,701.71	-4,241.37	5,719.68	5,476.50	243.18	23.520		
6,400.00	6,066.22	6,030.22	6,030.22	38.51	208.80	101.96	-3,701.71	-4,241.37	5,727.11	5,480.03	247.08	23.179		
6,500.00	6,160.19	6,124.19	6,124.19	39.14	212.08	102.28	-3,701.71	-4,241.37	5,734.73	5,483.75	250.98	22.849		
6,600.00	6,254.16	6,218.16	6,218.16	39.78	215.36	102.59	-3,701.71	-4,241.37	5,742.54	5,487.66	254.88	22.530		
6,700.00	6,348.13	6,312.13	6,312.13	40.42	218.64	102.90	-3,701.71	-4,241.37	5,750.54	5,491.77	258.78	22.222		
6,800.00	6,442.09	6,406.09	6,406.09	41.06	221.92	103.22	-3,701.71	-4,241.37	5,758.74	5,496.07	262.67	21.924		
6,869.92	6,507.80	6,471.80	6,471.80	41.51	224.21	103.43	-3,701.71	-4,241.37	5,764.59	5,499.19	265.40	21.721		
6,900.00	6,536.18	6,500.18	6,500.18	41.69	225.20	96.80	-3,701.71	-4,241.37	5,766.46	5,499.89	266.57	21.632		
6,950.00	6,583.76	6,547.76	6,547.76	41.98	226.86	83.77	-3,701.71	-4,241.37	5,766.62	5,498.11	268.51	21.477		
7,000.00	6,631.58	6,604.42	6,595.58	42.23	228.84	69.17	-3,701.71	-4,241.37	5,763.09	5,492.35	270.73	21.287		
7,050.00	6,679.34	6,643.34	6,643.34	42.44	230.20	54.80	-3,701.71	-4,241.37	5,755.88	5,483.57	272.31	21.138		
7,100.00	6,726.76	6,709.24	6,690.76	42.62	232.50	42.25	-3,701.71	-4,241.37	5,745.03	5,470.25	274.79	20.907		
7,150.00	6,773.53	6,737.53	6,737.53	42.78	233.49	32.08	-3,701.71	-4,241.37	5,730.60	5,454.68	275.92	20.769		
7,200.00	6,819.38	6,783.38	6,783.38	42.91	235.09	24.04	-3,701.71	-4,241.37	5,712.67	5,435.02	277.65	20.575		
7,250.00	6,864.01	6,828.01	6,828.01	43.03	236.64	17.63	-3,701.71	-4,241.37	5,691.34	5,412.03	279.31	20.376		
7,300.00	6,907.16	6,871.16	6,871.16	43.14	238.15	12.38	-3,701.71	-4,241.37	5,666.75	5,385.84	280.90	20.173		
7,350.00	6,948.56	6,912.56	6,912.56	43.24	239.59	7.89	-3,701.71	-4,241.37	5,639.02	5,356.60	282.42	19.966		
7,400.00	6,987.94	6,951.94	6,951.94	43.35	240.97	3.87	-3,701.71	-4,241.37	5,608.34	5,324.47	283.87	19.757		
7,450.00	7,025.08	6,989.08	6,989.08	43.46	242.27	0.07	-3,701.71	-4,241.37	5,574.89	5,289.67	285.22	19.546		
7,500.00	7,059.73	7,023.73	7,023.73	43.57	243.48	-3.71	-3,701.71	-4,241.37	5,538.87	5,252.39	286.49	19.334		
7,550.00	7,091.70	7,055.70	7,055.70	43.70	244.59	-7.69	-3,701.71	-4,241.37	5,500.52	5,212.86	287.66	19.122		
7,600.00	7,120.77	7,084.77	7,084.77	43.84	245.61	-12.09	-3,701.71	-4,241.37	5,460.06	5,171.33	288.73	18.911		
7,650.00	7,146.77	7,110.77	7,110.77	44.00	246.51	-17.19	-3,701.71	-4,241.37	5,417.75	5,128.06	289.69	18.702		
7,700.00	7,169.54	7,133.54	7,133.54	44.18	247.31	-23.32	-3,701.71	-4,241.37	5,373.86	5,083.31	290.55	18.496		
7,750.00	7,188.94	7,152.94	7,152.94	44.38	247.99	-30.91	-3,701.71	-4,241.37	5,328.65	5,037.36	291.29	18.293		
7,800.00	7,204.85	7,168.85	7,168.85	44.61	248.54	-40.39	-3,701.71	-4,241.37	5,282.43	4,990.51	291.92	18.095		
7,850.00	7,217.17	7,181.17	7,181.17	44.88	248.97	-51.99	-3,701.71	-4,241.37	5,235.49	4,943.06	292.43	17.903		
7,900.00	7,225.83	7,189.83	7,189.83	45.17	249.27	-65.37	-3,701.71	-4,241.37	5,188.11	4,895.29	292.82	17.717		
7,950.00	7,230.77	7,205.23	7,194.77	45.50	249.81	-79.31	-3,701.71	-4,241.37	5,140.62	4,847.15	293.46	17.517		
7,985.49	7,232.00	7,204.00	7,196.00	45.75	249.77	-88.66	-3,701.71	-4,241.37	5,106.99	4,813.50	293.50	17.400		
8,000.00	7,232.12	7,203.88	7,196.12	45.86	249.76	-88.67	-3,701.71	-4,241.37	5,093.28	4,799.76	293.53	17.352		
8,100.00	7,232.93	7,203.07	7,196.93	46.71	249.74	-88.69	-3,701.71	-4,241.37	4,998.91	4,705.17	293.75	17.018		
8,200.00	7,233.74	7,202.26	7,197.74	47.73	249.71	-88.72	-3,701.71	-4,241.37	4,904.77	4,610.76	294.01	16.683		
8,300.00	7,234.54	7,201.46	7,198.54	48.94	249.68	-88.75	-3,701.71	-4,241.37	4,810.86	4,516.56	294.30	16.347		
8,400.00	7,235.35	7,200.65	7,199.35	50.32	249.65	-88.78	-3,701.71	-4,241.37	4,717.20	4,422.56	294.64	16.010		
8,500.00	7,236.16	7,200.16	7,200.16	51.86	249.63	-88.80	-3,701.71	-4,241.37	4,623.81	4,328.78	295.03	15.672		
8,600.00	7,236.97	7,200.97	7,200.97	53.54	249.66	-88.83	-3,701.71	-4,241.37	4,530.69	4,235.18	295.51	15.332		
8,700.00	7,237.77	7,201.77	7,201.77	55.33	249.69	-88.86	-3,701.71	-4,241.37	4,437.88	4,141.83	296.05	14.990		
8,800.00	7,238.58	7,202.58	7,202.58	57.24	249.72	-88.89	-3,701.71	-4,241.37	4,345.39	4,048.74	296.64	14.649		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 - 146 COMPANY #14-1 - OH - OH		Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma															Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)					
8,900.00	7,239.39	7,203.39	7,203.39	59.24	249.75	-88.92	-3,701.71	-4,241.37	4,253.23	3,955.94	297.30	14.306				
9,000.00	7,240.20	7,204.20	7,204.20	61.31	249.78	-88.94	-3,701.71	-4,241.37	4,161.44	3,863.43	298.01	13.964				
9,100.00	7,241.01	7,205.01	7,205.01	63.46	249.80	-88.97	-3,701.71	-4,241.37	4,070.04	3,771.24	298.80	13.621				
9,200.00	7,241.81	7,205.81	7,205.81	65.67	249.83	-89.00	-3,701.71	-4,241.37	3,979.04	3,679.39	299.66	13.279				
9,300.00	7,242.62	7,206.62	7,206.62	67.93	249.86	-89.03	-3,701.71	-4,241.37	3,888.49	3,587.90	300.59	12.936				
9,400.00	7,243.43	7,207.43	7,207.43	70.25	249.89	-89.05	-3,701.71	-4,241.37	3,798.42	3,496.80	301.62	12.594				
9,500.00	7,244.24	7,208.24	7,208.24	72.60	249.92	-89.08	-3,701.71	-4,241.37	3,708.85	3,406.12	302.73	12.251				
9,600.00	7,245.04	7,209.04	7,209.04	74.99	249.94	-89.11	-3,701.71	-4,241.37	3,619.83	3,315.89	303.94	11.910				
9,700.00	7,245.85	7,209.85	7,209.85	77.42	249.97	-89.14	-3,701.71	-4,241.37	3,531.39	3,226.14	305.25	11.569				
9,800.00	7,246.66	7,210.66	7,210.66	79.87	250.00	-89.16	-3,701.71	-4,241.37	3,443.59	3,136.92	306.68	11.229				
9,900.00	7,247.47	7,211.47	7,211.47	82.36	250.03	-89.19	-3,701.71	-4,241.37	3,356.48	3,048.26	308.21	10.890				
10,000.00	7,248.28	7,212.28	7,212.28	84.87	250.06	-89.22	-3,701.71	-4,241.37	3,270.09	2,960.22	309.88	10.553				
10,100.00	7,249.08	7,213.08	7,213.08	87.40	250.09	-89.25	-3,701.71	-4,241.37	3,184.51	2,872.84	311.67	10.217				
10,200.00	7,249.89	7,213.89	7,213.89	89.95	250.11	-89.28	-3,701.71	-4,241.37	3,099.79	2,786.18	313.61	9.884				
10,300.00	7,250.70	7,214.70	7,214.70	92.52	250.14	-89.30	-3,701.71	-4,241.37	3,016.00	2,700.32	315.69	9.554				
10,400.00	7,251.51	7,215.51	7,215.51	95.11	250.17	-89.33	-3,701.71	-4,241.37	2,933.23	2,615.31	317.92	9.226				
10,500.00	7,252.31	7,216.31	7,216.31	97.71	250.20	-89.36	-3,701.71	-4,241.37	2,851.56	2,531.25	320.32	8.902				
10,600.00	7,253.12	7,217.12	7,217.12	100.33	250.23	-89.39	-3,701.71	-4,241.37	2,771.10	2,448.21	322.89	8.582				
10,700.00	7,253.93	7,217.93	7,217.93	102.96	250.25	-89.41	-3,701.71	-4,241.37	2,691.95	2,366.31	325.63	8.267				
10,800.00	7,254.74	7,218.74	7,218.74	105.61	250.28	-89.44	-3,701.71	-4,241.37	2,614.22	2,285.66	328.56	7.957				
10,900.00	7,255.55	7,219.55	7,219.55	108.26	250.31	-89.47	-3,701.71	-4,241.37	2,538.06	2,206.37	331.69	7.652				
11,000.00	7,256.35	7,220.35	7,220.35	110.92	250.34	-89.50	-3,701.71	-4,241.37	2,463.60	2,128.59	335.01	7.354				
11,100.00	7,257.16	7,221.16	7,221.16	113.60	250.37	-89.53	-3,701.71	-4,241.37	2,391.00	2,052.47	338.53	7.063				
11,200.00	7,257.97	7,221.97	7,221.97	116.28	250.40	-89.55	-3,701.71	-4,241.37	2,320.44	1,978.19	342.25	6.780				
11,300.00	7,258.78	7,222.78	7,222.78	118.97	250.42	-89.58	-3,701.71	-4,241.37	2,252.11	1,905.95	346.17	6.506				
11,400.00	7,259.58	7,223.58	7,223.58	121.67	250.45	-89.61	-3,701.71	-4,241.37	2,186.23	1,835.94	350.28	6.241				
11,500.00	7,260.39	7,224.39	7,224.39	124.38	250.48	-89.64	-3,701.71	-4,241.37	2,123.00	1,768.42	354.59	5.987				
11,600.00	7,261.20	7,225.20	7,225.20	127.09	250.51	-89.66	-3,701.71	-4,241.37	2,062.70	1,703.64	359.06	5.745				
11,700.00	7,262.01	7,226.01	7,226.01	129.81	250.54	-89.69	-3,701.71	-4,241.37	2,005.56	1,641.88	363.68	5.515				
11,800.00	7,262.82	7,226.82	7,226.82	132.53	250.56	-89.72	-3,701.71	-4,241.37	1,951.88	1,583.45	368.43	5.298				
11,900.00	7,263.62	7,227.62	7,227.62	135.26	250.59	-89.75	-3,701.71	-4,241.37	1,901.95	1,528.69	373.26	5.095				
12,000.00	7,264.43	7,228.43	7,228.43	138.00	250.62	-89.77	-3,701.71	-4,241.37	1,856.06	1,477.93	378.13	4.908				
12,100.00	7,265.24	7,229.24	7,229.24	140.74	250.65	-89.80	-3,701.71	-4,241.37	1,814.53	1,431.54	382.99	4.738				
12,200.00	7,266.05	7,230.05	7,230.05	143.49	250.68	-89.83	-3,701.71	-4,241.37	1,777.66	1,389.89	387.77	4.584				
12,300.00	7,266.86	7,230.86	7,230.86	146.24	250.71	-89.86	-3,701.71	-4,241.37	1,745.75	1,353.35	392.40	4.449				
12,400.00	7,267.66	7,231.66	7,231.66	148.99	250.73	-89.89	-3,701.71	-4,241.37	1,719.07	1,322.25	396.82	4.332				
12,500.00	7,268.47	7,232.47	7,232.47	151.75	250.76	-89.91	-3,701.71	-4,241.37	1,697.86	1,296.93	400.94	4.235				
12,600.00	7,269.28	7,233.28	7,233.28	154.51	250.79	-89.94	-3,701.71	-4,241.37	1,682.35	1,277.66	404.69	4.157				
12,700.00	7,270.09	7,234.09	7,234.09	157.27	250.82	-89.97	-3,701.71	-4,241.37	1,672.68	1,264.67	408.01	4.100				
12,800.00	7,270.89	7,234.89	7,234.89	160.04	250.85	-90.00	-3,701.71	-4,241.37	1,668.95	1,258.11	410.84	4.062				
12,812.26	7,270.99	7,234.99	7,234.99	160.38	250.85	-90.00	-3,701.71	-4,241.37	1,668.91	1,257.75	411.15	4.059	CC, ES			
12,900.00	7,271.70	7,235.70	7,235.70	162.81	250.87	-90.02	-3,701.71	-4,241.37	1,671.21	1,258.06	413.15	4.045	SF			
13,000.00	7,272.51	7,236.51	7,236.51	165.58	250.90	-90.05	-3,701.71	-4,241.37	1,679.43	1,264.52	414.91	4.048				
13,100.00	7,273.32	7,237.32	7,237.32	168.36	250.93	-90.08	-3,701.71	-4,241.37	1,693.53	1,277.41	416.12	4.070				
13,200.00	7,274.13	7,238.13	7,238.13	171.14	250.96	-90.11	-3,701.71	-4,241.37	1,713.35	1,296.56	416.80	4.111				
13,300.00	7,274.93	7,238.93	7,238.93	173.92	250.99	-90.14	-3,701.71	-4,241.37	1,738.71	1,321.75	416.96	4.170				
13,400.00	7,275.74	7,239.74	7,239.74	176.71	251.02	-90.16	-3,701.71	-4,241.37	1,769.37	1,352.71	416.66	4.247				
13,500.00	7,276.55	7,240.55	7,240.55	179.49	251.04	-90.19	-3,701.71	-4,241.37	1,805.05	1,389.10	415.95	4.340				
13,555.88	7,277.00	7,241.00	7,241.00	181.05	251.06	-90.21	-3,701.71	-4,241.37	1,827.07	1,411.69	415.39	4.398				



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-100.17	-1,022.69	-5,698.76	5,789.80					
100.00	100.00	102.00	102.00	3.28	3.75	-100.17	-1,022.69	-5,698.76	5,789.80	5,782.77	7.03	823.171		
200.00	200.00	202.00	202.00	3.34	6.24	-100.17	-1,022.69	-5,698.76	5,789.80	5,780.23	9.58	604.663		
300.00	299.98	301.98	301.98	3.44	9.39	113.88	-1,022.69	-5,698.76	5,790.51	5,777.68	12.83	451.389		
400.00	399.84	401.84	401.84	3.59	12.71	113.89	-1,022.69	-5,698.76	5,792.63	5,776.33	16.30	355.297		
500.00	499.45	501.45	501.45	3.79	16.10	113.91	-1,022.69	-5,698.76	5,796.17	5,776.28	19.89	291.444		
600.00	598.70	600.70	600.70	4.04	19.50	113.92	-1,022.69	-5,698.76	5,801.14	5,777.61	23.54	246.471		
700.00	697.47	700.53	699.47	4.32	22.95	113.95	-1,022.69	-5,698.76	5,807.56	5,780.29	27.27	213.003		
800.00	795.62	802.38	797.62	4.64	26.47	113.97	-1,022.69	-5,698.76	5,815.43	5,784.31	31.11	186.914		
900.00	893.06	904.94	895.06	5.01	30.03	114.00	-1,022.69	-5,698.76	5,824.77	5,789.74	35.03	166.280		
1,000.00	989.64	1,008.36	991.64	5.41	33.62	114.02	-1,022.69	-5,698.76	5,835.61	5,796.59	39.02	149.564		
1,100.00	1,085.27	1,087.27	1,087.27	5.85	36.36	114.05	-1,022.69	-5,698.76	5,847.97	5,805.78	42.19	138.602		
1,200.00	1,179.82	1,181.82	1,181.82	6.33	39.65	114.07	-1,022.69	-5,698.76	5,861.87	5,815.92	45.95	127.573		
1,300.00	1,273.78	1,275.78	1,275.78	6.85	42.92	114.36	-1,022.69	-5,698.76	5,876.64	5,826.92	49.72	118.206		
1,400.00	1,367.75	1,369.75	1,369.75	7.38	46.19	114.65	-1,022.69	-5,698.76	5,891.57	5,838.07	53.50	110.124		
1,500.00	1,461.72	1,463.72	1,463.72	7.93	49.46	114.93	-1,022.69	-5,698.76	5,906.65	5,849.35	57.30	103.084		
1,600.00	1,555.69	1,557.69	1,557.69	8.49	52.74	115.22	-1,022.69	-5,698.76	5,921.90	5,860.79	61.11	96.902		
1,700.00	1,649.66	1,651.66	1,651.66	9.07	56.01	115.50	-1,022.69	-5,698.76	5,937.30	5,872.37	64.93	91.435		
1,800.00	1,743.63	1,745.63	1,745.63	9.65	59.29	115.79	-1,022.69	-5,698.76	5,952.86	5,884.10	68.77	86.568		
1,900.00	1,837.60	1,839.60	1,839.60	10.24	62.56	116.07	-1,022.69	-5,698.76	5,968.58	5,895.98	72.60	82.209		
2,000.00	1,931.57	1,933.57	1,933.57	10.83	65.84	116.35	-1,022.69	-5,698.76	5,984.45	5,908.01	76.44	78.285		
2,100.00	2,025.54	2,027.54	2,027.54	11.43	69.11	116.63	-1,022.69	-5,698.76	6,000.47	5,920.18	80.29	74.733		
2,200.00	2,119.51	2,121.51	2,121.51	12.03	72.39	116.90	-1,022.69	-5,698.76	6,016.65	5,932.51	84.14	71.506		
2,300.00	2,213.48	2,215.48	2,215.48	12.64	75.67	117.18	-1,022.69	-5,698.76	6,032.97	5,944.98	88.00	68.560		
2,400.00	2,307.45	2,309.45	2,309.45	13.25	78.95	117.45	-1,022.69	-5,698.76	6,049.45	5,957.60	91.85	65.862		
2,500.00	2,401.42	2,403.42	2,403.42	13.87	82.22	117.73	-1,022.69	-5,698.76	6,066.07	5,970.36	95.71	63.381		
2,600.00	2,495.39	2,502.61	2,497.39	14.48	85.68	118.00	-1,022.69	-5,698.76	6,082.84	5,983.09	99.75	60.981		
2,700.00	2,589.35	2,608.65	2,591.35	15.10	89.38	118.27	-1,022.69	-5,698.76	6,099.76	5,995.73	104.03	58.634		
2,800.00	2,683.32	2,685.32	2,685.32	15.72	92.06	118.54	-1,022.69	-5,698.76	6,116.82	6,009.53	107.29	57.013		
2,900.00	2,777.29	2,779.29	2,779.29	16.34	95.34	118.81	-1,022.69	-5,698.76	6,134.02	6,022.87	111.15	55.187		
3,000.00	2,871.26	2,873.26	2,873.26	16.97	98.61	119.07	-1,022.69	-5,698.76	6,151.37	6,036.35	115.01	53.484		
3,100.00	2,965.23	2,967.23	2,967.23	17.59	101.89	119.34	-1,022.69	-5,698.76	6,168.85	6,049.98	118.88	51.893		
3,200.00	3,059.20	3,061.20	3,061.20	18.22	105.17	119.60	-1,022.69	-5,698.76	6,186.48	6,063.74	122.74	50.404		
3,300.00	3,153.17	3,155.17	3,155.17	18.84	108.45	119.86	-1,022.69	-5,698.76	6,204.24	6,077.64	126.60	49.006		
3,400.00	3,247.14	3,249.14	3,249.14	19.47	111.73	120.13	-1,022.69	-5,698.76	6,222.15	6,091.68	130.46	47.692		
3,500.00	3,341.11	3,343.11	3,343.11	20.10	115.01	120.38	-1,022.69	-5,698.76	6,240.18	6,105.86	134.33	46.455		
3,600.00	3,435.08	3,437.08	3,437.08	20.73	118.29	120.64	-1,022.69	-5,698.76	6,258.36	6,120.17	138.19	45.288		
3,700.00	3,529.05	3,531.05	3,531.05	21.36	121.57	120.90	-1,022.69	-5,698.76	6,276.66	6,134.61	142.05	44.185		
3,800.00	3,623.02	3,625.02	3,625.02	21.99	124.85	121.16	-1,022.69	-5,698.76	6,295.10	6,149.19	145.92	43.142		
3,900.00	3,716.99	3,718.99	3,718.99	22.62	128.13	121.41	-1,022.69	-5,698.76	6,313.67	6,163.90	149.78	42.154		
4,000.00	3,810.95	3,812.95	3,812.95	23.25	131.41	121.66	-1,022.69	-5,698.76	6,332.37	6,178.74	153.64	41.216		
4,100.00	3,904.92	3,906.92	3,906.92	23.88	134.69	121.91	-1,022.69	-5,698.76	6,351.20	6,193.70	157.50	40.325		
4,200.00	3,998.89	4,000.89	4,000.89	24.52	137.96	122.16	-1,022.69	-5,698.76	6,370.16	6,208.80	161.36	39.478		
4,300.00	4,092.86	4,105.14	4,094.86	25.15	141.60	122.41	-1,022.69	-5,698.76	6,389.25	6,223.67	165.58	38.588		
4,400.00	4,186.83	4,188.83	4,188.83	25.78	144.52	122.66	-1,022.69	-5,698.76	6,408.46	6,239.38	169.08	37.902		
4,500.00	4,280.80	4,282.80	4,282.80	26.42	147.80	122.90	-1,022.69	-5,698.76	6,427.79	6,254.85	172.94	37.168		
4,600.00	4,374.77	4,376.77	4,376.77	27.05	151.08	123.15	-1,022.69	-5,698.76	6,447.25	6,270.46	176.79	36.467		
4,700.00	4,468.74	4,470.74	4,470.74	27.68	154.36	123.39	-1,022.69	-5,698.76	6,466.83	6,286.18	180.65	35.797		
4,800.00	4,562.71	4,564.71	4,564.71	28.32	157.64	123.63	-1,022.69	-5,698.76	6,486.53	6,302.02	184.51	35.156		
4,900.00	4,656.68	4,658.68	4,658.68	28.95	160.92	123.87	-1,022.69	-5,698.76	6,506.36	6,317.99	188.36	34.541		
5,000.00	4,750.65	4,752.65	4,752.65	29.59	164.20	124.11	-1,022.69	-5,698.76	6,526.30	6,334.08	192.22	33.952		
5,100.00	4,844.62	4,846.62	4,846.62	30.23	167.48	124.35	-1,022.69	-5,698.76	6,546.36	6,350.28	196.07	33.387		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,940.59	4,940.59	30.86	170.76	124.59	-1,022.69	-5,698.76	6,566.53	6,366.60	199.93	32.845		
5,300.00	5,032.56	5,034.56	5,034.56	31.50	174.04	124.82	-1,022.69	-5,698.76	6,586.82	6,383.04	203.78	32.323		
5,400.00	5,126.52	5,128.52	5,128.52	32.13	177.32	125.06	-1,022.69	-5,698.76	6,607.23	6,399.60	207.63	31.822		
5,500.00	5,220.49	5,222.49	5,222.49	32.77	180.60	125.29	-1,022.69	-5,698.76	6,627.75	6,416.27	211.48	31.339		
5,600.00	5,314.46	5,316.46	5,316.46	33.41	183.88	125.52	-1,022.69	-5,698.76	6,648.38	6,433.05	215.34	30.875		
5,700.00	5,408.43	5,410.43	5,410.43	34.04	187.16	125.75	-1,022.69	-5,698.76	6,669.13	6,449.94	219.19	30.427		
5,800.00	5,502.40	5,504.40	5,504.40	34.68	190.44	125.98	-1,022.69	-5,698.76	6,689.98	6,466.95	223.03	29.995		
5,900.00	5,596.37	5,601.63	5,598.37	35.32	193.84	126.21	-1,022.69	-5,698.76	6,710.95	6,483.95	227.00	29.564		
6,000.00	5,690.34	5,707.66	5,692.34	35.96	197.54	126.43	-1,022.69	-5,698.76	6,732.02	6,500.75	231.26	29.110		
6,100.00	5,784.31	5,786.31	5,786.31	36.59	200.28	126.66	-1,022.69	-5,698.76	6,753.20	6,518.62	234.58	28.789		
6,200.00	5,878.28	5,880.28	5,880.28	37.23	203.56	126.88	-1,022.69	-5,698.76	6,774.49	6,536.06	238.42	28.414		
6,300.00	5,972.25	5,974.25	5,974.25	37.87	206.84	127.10	-1,022.69	-5,698.76	6,795.88	6,553.61	242.27	28.051		
6,400.00	6,066.22	6,068.22	6,068.22	38.51	210.12	127.32	-1,022.69	-5,698.76	6,817.38	6,571.26	246.11	27.700		
6,500.00	6,160.19	6,162.19	6,162.19	39.14	213.40	127.54	-1,022.69	-5,698.76	6,838.98	6,589.02	249.96	27.361		
6,600.00	6,254.16	6,256.16	6,256.16	39.78	216.68	127.76	-1,022.69	-5,698.76	6,860.68	6,606.88	253.80	27.025		
6,700.00	6,348.13	6,350.13	6,350.13	40.42	219.96	127.98	-1,022.69	-5,698.76	6,882.48	6,624.84	257.64	26.713		
6,800.00	6,442.09	6,444.09	6,444.09	41.06	223.24	128.19	-1,022.69	-5,698.76	6,904.39	6,642.90	261.48	26.405		
6,869.92	6,507.80	6,509.80	6,509.80	41.51	225.54	128.34	-1,022.69	-5,698.76	6,919.76	6,655.59	264.17	26.194		
6,900.00	6,536.18	6,538.18	6,538.18	41.69	226.53	121.57	-1,022.69	-5,698.76	6,925.70	6,660.38	265.32	26.103		
6,950.00	6,583.76	6,585.76	6,585.76	41.98	228.19	108.43	-1,022.69	-5,698.76	6,932.51	6,665.26	267.25	25.940		
7,000.00	6,631.58	6,633.58	6,633.58	42.23	229.86	93.87	-1,022.69	-5,698.76	6,935.47	6,666.31	269.16	25.767		
7,050.00	6,679.34	6,681.34	6,681.34	42.44	231.52	79.71	-1,022.69	-5,698.76	6,934.56	6,663.52	271.04	25.585		
7,100.00	6,726.76	6,728.76	6,728.76	42.62	233.18	67.53	-1,022.69	-5,698.76	6,929.79	6,656.91	272.88	25.395		
7,150.00	6,773.53	6,775.53	6,775.53	42.78	234.81	57.90	-1,022.69	-5,698.76	6,921.19	6,646.54	274.66	25.199		
7,200.00	6,819.38	6,821.38	6,821.38	42.91	236.41	50.61	-1,022.69	-5,698.76	6,908.82	6,632.45	276.37	24.998		
7,250.00	6,864.01	6,866.01	6,866.01	43.03	237.97	45.16	-1,022.69	-5,698.76	6,892.75	6,614.74	278.01	24.793		
7,300.00	6,907.16	6,909.16	6,909.16	43.14	239.48	41.12	-1,022.69	-5,698.76	6,873.09	6,593.51	279.58	24.584		
7,350.00	6,948.56	6,950.56	6,950.56	43.24	240.92	38.15	-1,022.69	-5,698.76	6,849.95	6,568.90	281.06	24.372		
7,400.00	6,987.94	6,989.94	6,989.94	43.35	242.30	36.00	-1,022.69	-5,698.76	6,823.48	6,541.04	282.44	24.159		
7,450.00	7,025.08	7,027.08	7,027.08	43.46	243.59	34.53	-1,022.69	-5,698.76	6,793.84	6,510.11	283.73	23.944		
7,500.00	7,059.73	7,061.73	7,061.73	43.57	244.80	33.63	-1,022.69	-5,698.76	6,761.21	6,476.29	284.92	23.730		
7,550.00	7,091.70	7,106.31	7,093.70	43.70	246.36	33.25	-1,022.69	-5,698.76	6,725.79	6,439.35	286.44	23.480		
7,600.00	7,120.77	7,122.77	7,122.77	43.84	246.93	33.40	-1,022.69	-5,698.76	6,687.80	6,400.82	286.98	23.304		
7,650.00	7,146.77	7,148.77	7,148.77	44.00	247.84	34.12	-1,022.69	-5,698.76	6,647.46	6,359.62	287.84	23.095		
7,700.00	7,169.54	7,171.54	7,171.54	44.18	248.64	35.52	-1,022.69	-5,698.76	6,605.02	6,316.44	288.58	22.888		
7,750.00	7,188.94	7,209.06	7,190.94	44.38	249.94	37.82	-1,022.69	-5,698.76	6,560.75	6,270.91	289.84	22.636		
7,800.00	7,204.85	7,206.85	7,206.85	44.61	249.87	41.40	-1,022.69	-5,698.76	6,514.91	6,225.19	289.72	22.487		
7,850.00	7,217.17	7,219.17	7,219.17	44.88	250.30	47.02	-1,022.69	-5,698.76	6,467.77	6,177.66	290.11	22.294		
7,900.00	7,225.83	7,227.83	7,227.83	45.17	250.60	56.08	-1,022.69	-5,698.76	6,419.62	6,129.25	290.38	22.108		
7,950.00	7,230.77	7,232.77	7,232.77	45.50	250.77	71.17	-1,022.69	-5,698.76	6,370.77	6,080.24	290.53	21.928		
7,985.49	7,232.00	7,234.00	7,234.00	45.75	250.82	87.19	-1,022.69	-5,698.76	6,335.81	6,045.26	290.56	21.806		
8,000.00	7,232.12	7,234.12	7,234.12	45.86	250.82	87.19	-1,022.69	-5,698.76	6,321.50	6,030.94	290.56	21.756		
8,100.00	7,232.93	7,234.93	7,234.93	46.71	250.85	87.24	-1,022.69	-5,698.76	6,222.85	5,932.29	290.57	21.416		
8,200.00	7,233.74	7,235.74	7,235.74	47.73	250.88	87.28	-1,022.69	-5,698.76	6,124.25	5,833.67	290.58	21.076		
8,300.00	7,234.54	7,236.54	7,236.54	48.94	250.90	87.33	-1,022.69	-5,698.76	6,025.69	5,735.09	290.61	20.735		
8,400.00	7,235.35	7,237.35	7,237.35	50.32	250.93	87.37	-1,022.69	-5,698.76	5,927.19	5,636.55	290.64	20.394		
8,500.00	7,236.16	7,238.16	7,238.16	51.86	250.96	87.42	-1,022.69	-5,698.76	5,828.73	5,538.05	290.68	20.052		
8,600.00	7,236.97	7,238.97	7,238.97	53.54	250.99	87.46	-1,022.69	-5,698.76	5,730.32	5,439.59	290.73	19.710		
8,700.00	7,237.77	7,239.77	7,239.77	55.33	251.02	87.51	-1,022.69	-5,698.76	5,631.98	5,341.18	290.80	19.367		
8,800.00	7,238.58	7,240.58	7,240.58	57.24	251.05	87.55	-1,022.69	-5,698.76	5,533.69	5,242.81	290.87	19.024		
8,900.00	7,239.39	7,241.39	7,241.39	59.24	251.07	87.60	-1,022.69	-5,698.76	5,435.46	5,144.49	290.97	18.681		
9,000.00	7,240.20	7,242.20	7,242.20	61.31	251.10	87.64	-1,022.69	-5,698.76	5,337.30	5,046.23	291.07	18.337		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,243.01	7,243.01	63.46	251.13	87.69	-1,022.69	-5,698.76	5,239.21	4,948.01	291.19	17.992		
9,200.00	7,241.81	7,243.81	7,243.81	65.67	251.16	87.73	-1,022.69	-5,698.76	5,141.19	4,849.85	291.33	17.647		
9,300.00	7,242.62	7,244.62	7,244.62	67.93	251.19	87.78	-1,022.69	-5,698.76	5,043.25	4,751.75	291.49	17.301		
9,400.00	7,243.43	7,245.43	7,245.43	70.25	251.21	87.82	-1,022.69	-5,698.76	4,945.39	4,653.71	291.68	16.955		
9,500.00	7,244.24	7,246.24	7,246.24	72.60	251.24	87.87	-1,022.69	-5,698.76	4,847.62	4,555.74	291.88	16.608		
9,600.00	7,245.04	7,247.04	7,247.04	74.99	251.27	87.91	-1,022.69	-5,698.76	4,749.94	4,457.83	292.11	16.261		
9,700.00	7,245.85	7,247.85	7,247.85	77.42	251.30	87.96	-1,022.69	-5,698.76	4,652.36	4,359.99	292.37	15.913		
9,800.00	7,246.66	7,248.66	7,248.66	79.87	251.33	88.00	-1,022.69	-5,698.76	4,554.89	4,262.23	292.66	15.564		
9,900.00	7,247.47	7,249.47	7,249.47	82.36	251.36	88.05	-1,022.69	-5,698.76	4,457.52	4,164.54	292.98	15.214		
10,000.00	7,248.28	7,250.28	7,250.28	84.87	251.38	88.09	-1,022.69	-5,698.76	4,360.28	4,066.94	293.34	14.864		
10,100.00	7,249.08	7,251.08	7,251.08	87.40	251.41	88.14	-1,022.69	-5,698.76	4,263.16	3,969.42	293.74	14.513		
10,200.00	7,249.89	7,251.89	7,251.89	89.95	251.44	88.18	-1,022.69	-5,698.76	4,166.18	3,871.99	294.19	14.162		
10,300.00	7,250.70	7,252.70	7,252.70	92.52	251.47	88.23	-1,022.69	-5,698.76	4,069.35	3,774.67	294.68	13.809		
10,400.00	7,251.51	7,253.51	7,253.51	95.11	251.50	88.27	-1,022.69	-5,698.76	3,972.67	3,677.44	295.22	13.456		
10,500.00	7,252.31	7,254.31	7,254.31	97.71	251.52	88.32	-1,022.69	-5,698.76	3,876.16	3,580.33	295.83	13.103		
10,600.00	7,253.12	7,255.12	7,255.12	100.33	251.55	88.36	-1,022.69	-5,698.76	3,779.83	3,483.34	296.49	12.749		
10,700.00	7,253.93	7,255.93	7,255.93	102.96	251.58	88.41	-1,022.69	-5,698.76	3,683.70	3,386.48	297.22	12.394		
10,800.00	7,254.74	7,256.74	7,256.74	105.61	251.61	88.45	-1,022.69	-5,698.76	3,587.78	3,289.75	298.03	12.038		
10,900.00	7,255.55	7,257.55	7,257.55	108.26	251.64	88.50	-1,022.69	-5,698.76	3,492.09	3,193.16	298.92	11.682		
11,000.00	7,256.35	7,258.35	7,258.35	110.92	251.67	88.54	-1,022.69	-5,698.76	3,396.64	3,096.74	299.90	11.326		
11,100.00	7,257.16	7,259.16	7,259.16	113.60	251.69	88.59	-1,022.69	-5,698.76	3,301.47	3,000.49	300.98	10.969		
11,200.00	7,257.97	7,259.97	7,259.97	116.28	251.72	88.63	-1,022.69	-5,698.76	3,206.58	2,904.43	302.16	10.612		
11,300.00	7,258.78	7,260.78	7,260.78	118.97	251.75	88.68	-1,022.69	-5,698.76	3,112.02	2,808.57	303.46	10.255		
11,400.00	7,259.58	7,261.58	7,261.58	121.67	251.78	88.72	-1,022.69	-5,698.76	3,017.81	2,712.93	304.88	9.898		
11,500.00	7,260.39	7,262.39	7,262.39	124.38	251.81	88.77	-1,022.69	-5,698.76	2,923.99	2,617.54	306.45	9.541		
11,600.00	7,261.20	7,263.20	7,263.20	127.09	251.83	88.81	-1,022.69	-5,698.76	2,830.58	2,522.42	308.17	9.185		
11,700.00	7,262.01	7,264.01	7,264.01	129.81	251.86	88.86	-1,022.69	-5,698.76	2,737.64	2,427.59	310.05	8.830		
11,800.00	7,262.82	7,264.82	7,264.82	132.53	251.89	88.90	-1,022.69	-5,698.76	2,645.22	2,333.10	312.12	8.475		
11,900.00	7,263.62	7,265.62	7,265.62	135.26	251.92	88.95	-1,022.69	-5,698.76	2,553.37	2,238.99	314.38	8.122		
12,000.00	7,264.43	7,266.43	7,266.43	138.00	251.95	88.99	-1,022.69	-5,698.76	2,462.15	2,145.29	316.87	7.770		
12,100.00	7,265.24	7,267.24	7,267.24	140.74	251.98	89.04	-1,022.69	-5,698.76	2,371.64	2,052.05	319.59	7.421		
12,200.00	7,266.05	7,268.05	7,268.05	143.49	252.00	89.08	-1,022.69	-5,698.76	2,281.92	1,959.35	322.57	7.074		
12,300.00	7,266.86	7,268.86	7,268.86	146.24	252.03	89.13	-1,022.69	-5,698.76	2,193.10	1,867.26	325.84	6.731		
12,400.00	7,267.66	7,269.66	7,269.66	148.99	252.06	89.17	-1,022.69	-5,698.76	2,105.27	1,775.85	329.42	6.391		
12,500.00	7,268.47	7,270.47	7,270.47	151.75	252.09	89.22	-1,022.69	-5,698.76	2,018.58	1,685.23	333.35	6.055		
12,600.00	7,269.28	7,271.28	7,271.28	154.51	252.12	89.26	-1,022.69	-5,698.76	1,933.17	1,595.52	337.65	5.725		
12,700.00	7,270.09	7,272.09	7,272.09	157.27	252.14	89.31	-1,022.69	-5,698.76	1,849.22	1,506.87	342.35	5.402		
12,800.00	7,270.89	7,272.89	7,272.89	160.04	252.17	89.35	-1,022.69	-5,698.76	1,766.95	1,419.46	347.49	5.085		
12,900.00	7,271.70	7,273.70	7,273.70	162.81	252.20	89.40	-1,022.69	-5,698.76	1,686.59	1,333.49	353.10	4.776		
13,000.00	7,272.51	7,274.51	7,274.51	165.58	252.23	89.44	-1,022.69	-5,698.76	1,608.44	1,249.22	359.22	4.478		
13,100.00	7,273.32	7,275.32	7,275.32	168.36	252.26	89.49	-1,022.69	-5,698.76	1,532.83	1,166.97	365.85	4.190		
13,200.00	7,274.13	7,276.13	7,276.13	171.14	252.29	89.53	-1,022.69	-5,698.76	1,460.15	1,087.13	373.02	3.914		
13,300.00	7,274.93	7,276.93	7,276.93	173.92	252.31	89.58	-1,022.69	-5,698.76	1,390.87	1,010.16	380.71	3.653		
13,400.00	7,275.74	7,277.74	7,277.74	176.71	252.34	89.62	-1,022.69	-5,698.76	1,325.51	936.62	388.89	3.408		
13,500.00	7,276.55	7,278.55	7,278.55	179.49	252.37	89.67	-1,022.69	-5,698.76	1,264.70	867.21	397.49	3.182		
13,555.88	7,277.00	7,279.00	7,279.00	181.05	252.39	89.69	-1,022.69	-5,698.76	1,232.94	830.51	402.44	3.064 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-77.19	1,606.87	-7,065.76	7,246.17					
100.00	100.00	140.00	140.00	3.28	4.54	-77.19	1,606.87	-7,065.76	7,246.17	7,238.34	7.83	925.825		
200.00	200.00	240.00	240.00	3.34	7.40	-77.19	1,606.87	-7,065.76	7,246.17	7,235.43	10.74	674.902		
300.00	299.98	339.98	339.98	3.44	10.64	136.86	1,606.87	-7,065.76	7,247.44	7,233.36	14.08	514.679		
400.00	399.84	439.84	439.84	3.59	14.00	136.84	1,606.87	-7,065.76	7,251.26	7,233.67	17.59	412.221		
500.00	499.45	539.45	539.45	3.79	17.40	136.79	1,606.87	-7,065.76	7,257.63	7,236.44	21.19	342.491		
600.00	598.70	638.70	638.70	4.04	20.81	136.74	1,606.87	-7,065.76	7,266.54	7,241.69	24.85	292.447		
700.00	697.47	737.47	737.47	4.32	24.22	136.66	1,606.87	-7,065.76	7,277.99	7,249.45	28.54	255.001		
800.00	795.62	835.62	835.62	4.64	27.62	136.57	1,606.87	-7,065.76	7,291.98	7,259.72	32.26	226.050		
900.00	893.06	933.06	933.06	5.01	31.00	136.46	1,606.87	-7,065.76	7,308.50	7,272.51	35.99	203.076		
1,000.00	989.64	1,029.64	1,029.64	5.41	34.36	136.33	1,606.87	-7,065.76	7,327.55	7,287.82	39.72	184.458		
1,100.00	1,085.27	1,125.27	1,125.27	5.85	37.68	136.18	1,606.87	-7,065.76	7,349.12	7,305.66	43.46	169.104		
1,200.00	1,179.82	1,219.82	1,219.82	6.33	40.97	136.01	1,606.87	-7,065.76	7,373.20	7,326.01	47.19	156.257		
1,300.00	1,273.78	1,313.78	1,313.78	6.85	44.24	136.19	1,606.87	-7,065.76	7,398.56	7,347.65	50.91	145.313		
1,400.00	1,367.75	1,407.75	1,407.75	7.38	47.51	136.36	1,606.87	-7,065.76	7,424.00	7,369.34	54.66	135.830		
1,500.00	1,461.72	1,501.72	1,501.72	7.93	50.79	136.54	1,606.87	-7,065.76	7,449.51	7,391.09	58.41	127.533		
1,600.00	1,555.69	1,604.31	1,595.69	8.49	54.36	136.72	1,606.87	-7,065.76	7,475.08	7,412.60	62.48	119.639		
1,700.00	1,649.66	1,689.66	1,689.66	9.07	57.33	136.89	1,606.87	-7,065.76	7,500.73	7,434.77	65.96	113.721		
1,800.00	1,743.63	1,783.63	1,783.63	9.65	60.61	137.06	1,606.87	-7,065.76	7,526.44	7,456.70	69.74	107.918		
1,900.00	1,837.60	1,877.60	1,877.60	10.24	63.89	137.23	1,606.87	-7,065.76	7,552.23	7,478.69	73.53	102.705		
2,000.00	1,931.57	1,971.57	1,971.57	10.83	67.16	137.41	1,606.87	-7,065.76	7,578.07	7,500.74	77.33	97.997		
2,100.00	2,025.54	2,065.54	2,065.54	11.43	70.44	137.57	1,606.87	-7,065.76	7,603.99	7,522.86	81.13	93.726		
2,200.00	2,119.51	2,159.51	2,159.51	12.03	73.72	137.74	1,606.87	-7,065.76	7,629.97	7,545.03	84.93	89.834		
2,300.00	2,213.48	2,253.48	2,253.48	12.64	76.99	137.91	1,606.87	-7,065.76	7,656.01	7,567.27	88.74	86.273		
2,400.00	2,307.45	2,347.45	2,347.45	13.25	80.27	138.08	1,606.87	-7,065.76	7,682.12	7,589.57	92.55	83.003		
2,500.00	2,401.42	2,441.42	2,441.42	13.87	83.55	138.24	1,606.87	-7,065.76	7,708.29	7,611.93	96.36	79.991		
2,600.00	2,495.39	2,535.39	2,535.39	14.48	86.83	138.41	1,606.87	-7,065.76	7,734.52	7,634.35	100.18	77.208		
2,700.00	2,589.35	2,629.35	2,629.35	15.10	90.11	138.57	1,606.87	-7,065.76	7,760.82	7,656.83	103.99	74.628		
2,800.00	2,683.32	2,723.32	2,723.32	15.72	93.38	138.73	1,606.87	-7,065.76	7,787.18	7,679.37	107.81	72.231		
2,900.00	2,777.29	2,817.29	2,817.29	16.34	96.66	138.89	1,606.87	-7,065.76	7,813.59	7,701.97	111.63	69.997		
3,000.00	2,871.26	2,911.26	2,911.26	16.97	99.94	139.05	1,606.87	-7,065.76	7,840.07	7,724.63	115.45	67.911		
3,100.00	2,965.23	3,005.23	3,005.23	17.59	103.22	139.21	1,606.87	-7,065.76	7,866.61	7,747.35	119.27	65.959		
3,200.00	3,059.20	3,100.80	3,099.20	18.22	106.55	139.37	1,606.87	-7,065.76	7,893.21	7,770.07	123.14	64.099		
3,300.00	3,153.17	3,206.83	3,193.17	18.84	110.25	139.53	1,606.87	-7,065.76	7,919.86	7,792.48	127.38	62.174		
3,400.00	3,247.14	3,287.14	3,287.14	19.47	113.06	139.68	1,606.87	-7,065.76	7,946.58	7,815.85	130.73	60.788		
3,500.00	3,341.11	3,381.11	3,381.11	20.10	116.34	139.84	1,606.87	-7,065.76	7,973.35	7,838.80	134.55	59.261		
3,600.00	3,435.08	3,475.08	3,475.08	20.73	119.61	139.99	1,606.87	-7,065.76	8,000.17	7,861.81	138.37	57.818		
3,700.00	3,529.05	3,569.05	3,569.05	21.36	122.89	140.15	1,606.87	-7,065.76	8,027.06	7,884.87	142.19	56.453		
3,800.00	3,623.02	3,663.02	3,663.02	21.99	126.17	140.30	1,606.87	-7,065.76	8,053.99	7,907.98	146.01	55.160		
3,900.00	3,716.99	3,756.99	3,756.99	22.62	129.45	140.45	1,606.87	-7,065.76	8,080.99	7,931.16	149.83	53.934		
4,000.00	3,810.95	3,850.95	3,850.95	23.25	132.73	140.60	1,606.87	-7,065.76	8,108.04	7,954.38	153.65	52.768		
4,100.00	3,904.92	3,944.92	3,944.92	23.88	136.01	140.75	1,606.87	-7,065.76	8,135.14	7,977.66	157.47	51.660		
4,200.00	3,998.89	4,038.89	4,038.89	24.52	139.29	140.90	1,606.87	-7,065.76	8,162.29	8,001.00	161.30	50.605		
4,300.00	4,092.86	4,132.86	4,132.86	25.15	142.57	141.05	1,606.87	-7,065.76	8,189.50	8,024.38	165.12	49.598		
4,400.00	4,186.83	4,226.83	4,226.83	25.78	145.85	141.19	1,606.87	-7,065.76	8,216.76	8,047.82	168.94	48.638		
4,500.00	4,280.80	4,320.80	4,320.80	26.42	149.13	141.34	1,606.87	-7,065.76	8,244.07	8,071.32	172.76	47.720		
4,600.00	4,374.77	4,414.77	4,414.77	27.05	152.41	141.48	1,606.87	-7,065.76	8,271.44	8,094.86	176.58	46.843		
4,700.00	4,468.74	4,508.74	4,508.74	27.68	155.69	141.63	1,606.87	-7,065.76	8,298.85	8,118.45	180.40	46.003		
4,800.00	4,562.71	4,602.71	4,602.71	28.32	158.97	141.77	1,606.87	-7,065.76	8,326.31	8,142.10	184.22	45.198		
4,900.00	4,656.68	4,703.32	4,696.68	28.95	162.48	141.91	1,606.87	-7,065.76	8,353.83	8,165.56	188.27	44.372		
5,000.00	4,750.65	4,809.35	4,790.65	29.59	166.18	142.05	1,606.87	-7,065.76	8,381.39	8,188.88	192.51	43.537		
5,100.00	4,844.62	4,884.62	4,884.62	30.23	169.81	142.19	1,606.87	-7,065.76	8,409.00	8,213.33	195.68	42.974		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,978.59	4,978.59	30.86	172.09	142.33	1,606.87	-7,065.76	8,436.66	8,237.17	199.50	42.290		
5,300.00	5,032.56	5,072.56	5,072.56	31.50	175.37	142.47	1,606.87	-7,065.76	8,464.37	8,261.06	203.31	41.632		
5,400.00	5,126.52	5,166.52	5,166.52	32.13	178.65	142.61	1,606.87	-7,065.76	8,492.13	8,284.99	207.13	40.998		
5,500.00	5,220.49	5,260.49	5,260.49	32.77	181.93	142.74	1,606.87	-7,065.76	8,519.93	8,308.98	210.95	40.388		
5,600.00	5,314.46	5,354.46	5,354.46	33.41	185.21	142.88	1,606.87	-7,065.76	8,547.78	8,333.01	214.77	39.800		
5,700.00	5,408.43	5,448.43	5,448.43	34.04	188.49	143.01	1,606.87	-7,065.76	8,575.67	8,357.09	218.59	39.232		
5,800.00	5,502.40	5,542.40	5,542.40	34.68	191.77	143.15	1,606.87	-7,065.76	8,603.61	8,381.21	222.40	38.685		
5,900.00	5,596.37	5,636.37	5,636.37	35.32	195.05	143.28	1,606.87	-7,065.76	8,631.60	8,405.38	226.22	38.156		
6,000.00	5,690.34	5,730.34	5,730.34	35.96	198.33	143.41	1,606.87	-7,065.76	8,659.63	8,429.59	230.04	37.645		
6,100.00	5,784.31	5,824.31	5,824.31	36.59	201.61	143.55	1,606.87	-7,065.76	8,687.70	8,453.85	233.85	37.150		
6,200.00	5,878.28	5,918.28	5,918.28	37.23	204.89	143.68	1,606.87	-7,065.76	8,715.82	8,478.15	237.67	36.672		
6,300.00	5,972.25	6,012.25	6,012.25	37.87	208.17	143.81	1,606.87	-7,065.76	8,743.98	8,502.50	241.48	36.209		
6,400.00	6,066.22	6,106.22	6,106.22	38.51	211.45	143.94	1,606.87	-7,065.76	8,772.18	8,526.88	245.30	35.761		
6,500.00	6,160.19	6,200.19	6,200.19	39.14	214.73	144.06	1,606.87	-7,065.76	8,800.43	8,551.32	249.11	35.327		
6,600.00	6,254.16	6,305.84	6,294.16	39.78	218.42	144.19	1,606.87	-7,065.76	8,828.72	8,575.38	253.34	34.850		
6,700.00	6,348.13	6,388.13	6,388.13	40.42	221.29	144.32	1,606.87	-7,065.76	8,857.05	8,600.31	256.74	34.498		
6,800.00	6,442.09	6,482.09	6,482.09	41.06	224.57	144.44	1,606.87	-7,065.76	8,885.42	8,624.86	260.56	34.102		
6,869.92	6,507.80	6,547.80	6,547.80	41.51	226.86	144.53	1,606.87	-7,065.76	8,905.28	8,642.06	263.22	33.832		
6,900.00	6,536.18	6,576.18	6,576.18	41.69	227.85	137.51	1,606.87	-7,065.76	8,913.20	8,648.83	264.37	33.715		
6,950.00	6,583.76	6,623.76	6,623.76	41.98	229.51	124.04	1,606.87	-7,065.76	8,923.55	8,657.26	266.29	33.511		
7,000.00	6,631.58	6,671.58	6,671.58	42.23	231.18	109.25	1,606.87	-7,065.76	8,930.33	8,662.13	268.20	33.297		
7,050.00	6,679.34	6,719.34	6,719.34	42.44	232.85	94.94	1,606.87	-7,065.76	8,933.51	8,663.42	270.09	33.077		
7,100.00	6,726.76	6,766.76	6,766.76	42.62	234.51	82.71	1,606.87	-7,065.76	8,933.07	8,661.14	271.93	32.851		
7,150.00	6,773.53	6,813.53	6,813.53	42.78	236.14	73.11	1,606.87	-7,065.76	8,929.04	8,655.31	273.72	32.621		
7,200.00	6,819.38	6,859.38	6,859.38	42.91	237.74	65.91	1,606.87	-7,065.76	8,921.43	8,645.98	275.45	32.389		
7,250.00	6,864.01	6,904.01	6,904.01	43.03	239.30	60.66	1,606.87	-7,065.76	8,910.30	8,633.20	277.10	32.155		
7,300.00	6,907.16	6,947.16	6,947.16	43.14	240.80	56.89	1,606.87	-7,065.76	8,895.73	8,617.05	278.68	31.921		
7,350.00	6,948.56	6,988.56	6,988.56	43.24	242.25	54.28	1,606.87	-7,065.76	8,877.82	8,597.65	280.16	31.688		
7,400.00	6,987.94	7,027.94	7,027.94	43.35	243.62	52.59	1,606.87	-7,065.76	8,856.68	8,575.12	281.56	31.456		
7,450.00	7,025.08	7,065.08	7,065.08	43.46	244.92	51.67	1,606.87	-7,065.76	8,832.45	8,549.59	282.85	31.226		
7,500.00	7,059.73	7,100.27	7,099.73	43.57	246.15	51.43	1,606.87	-7,065.76	8,805.28	8,521.21	284.07	30.997		
7,550.00	7,091.70	7,131.70	7,131.70	43.70	247.24	51.82	1,606.87	-7,065.76	8,775.34	8,490.20	285.14	30.776		
7,600.00	7,120.77	7,160.77	7,160.77	43.84	248.26	52.84	1,606.87	-7,065.76	8,742.83	8,456.70	286.12	30.556		
7,650.00	7,146.77	7,186.77	7,186.77	44.00	249.17	54.51	1,606.87	-7,065.76	8,707.94	8,420.94	287.00	30.341		
7,700.00	7,169.54	7,209.54	7,209.54	44.18	249.96	56.89	1,606.87	-7,065.76	8,670.89	8,383.12	287.77	30.131		
7,750.00	7,188.94	7,228.94	7,228.94	44.38	250.64	60.06	1,606.87	-7,065.76	8,631.92	8,343.48	288.43	29.927		
7,800.00	7,204.85	7,244.85	7,244.85	44.61	251.19	64.14	1,606.87	-7,065.76	8,591.24	8,302.26	288.98	29.729		
7,850.00	7,217.17	7,257.17	7,257.17	44.88	251.62	69.26	1,606.87	-7,065.76	8,549.13	8,259.71	289.42	29.539		
7,900.00	7,225.83	7,265.83	7,265.83	45.17	251.93	75.54	1,606.87	-7,065.76	8,505.83	8,216.08	289.75	29.356		
7,950.00	7,230.77	7,270.77	7,270.77	45.50	252.10	83.03	1,606.87	-7,065.76	8,461.60	8,171.63	289.97	29.181		
7,985.49	7,232.00	7,272.00	7,272.00	45.75	252.14	89.04	1,606.87	-7,065.76	8,429.79	8,139.73	290.06	29.063		
8,000.00	7,232.12	7,272.12	7,272.12	45.86	252.15	89.05	1,606.87	-7,065.76	8,416.73	8,126.65	290.08	29.015		
8,100.00	7,232.93	7,272.93	7,272.93	46.71	252.17	89.06	1,606.87	-7,065.76	8,326.87	8,036.60	290.28	28.686		
8,200.00	7,233.74	7,273.74	7,273.74	47.73	252.20	89.07	1,606.87	-7,065.76	8,237.25	7,946.72	290.53	28.352		
8,300.00	7,234.54	7,274.54	7,274.54	48.94	252.23	89.08	1,606.87	-7,065.76	8,147.87	7,857.03	290.84	28.015		
8,400.00	7,235.35	7,275.35	7,275.35	50.32	252.26	89.10	1,606.87	-7,065.76	8,058.73	7,767.53	291.20	27.674		
8,500.00	7,236.16	7,276.16	7,276.16	51.86	252.29	89.11	1,606.87	-7,065.76	7,969.86	7,678.23	291.63	27.329		
8,600.00	7,236.97	7,276.97	7,276.97	53.54	252.32	89.12	1,606.87	-7,065.76	7,881.25	7,589.13	292.12	26.980		
8,700.00	7,237.77	7,277.77	7,277.77	55.33	252.34	89.13	1,606.87	-7,065.76	7,792.91	7,500.24	292.67	26.627		
8,800.00	7,238.58	7,278.58	7,278.58	57.24	252.37	89.15	1,606.87	-7,065.76	7,704.86	7,411.58	293.28	26.271		
8,900.00	7,239.39	7,279.39	7,279.39	59.24	252.40	89.16	1,606.87	-7,065.76	7,617.11	7,323.14	293.97	25.911		
9,000.00	7,240.20	7,280.20	7,280.20	61.31	252.43	89.17	1,606.87	-7,065.76	7,529.66	7,234.94	294.72	25.548		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,281.01	7,281.01	63.46	252.46	89.18	1,606.87	-7,065.76	7,442.53	7,146.98	295.55	25.182		
9,200.00	7,241.81	7,281.81	7,281.81	65.67	252.48	89.20	1,606.87	-7,065.76	7,355.72	7,059.28	296.44	24.813		
9,300.00	7,242.62	7,282.62	7,282.62	67.93	252.51	89.21	1,606.87	-7,065.76	7,269.25	6,971.84	297.41	24.442		
9,400.00	7,243.43	7,283.43	7,283.43	70.25	252.54	89.22	1,606.87	-7,065.76	7,183.14	6,884.69	298.45	24.068		
9,500.00	7,244.24	7,284.24	7,284.24	72.60	252.57	89.23	1,606.87	-7,065.76	7,097.39	6,797.82	299.57	23.692		
9,600.00	7,245.04	7,285.04	7,285.04	74.99	252.60	89.25	1,606.87	-7,065.76	7,012.01	6,711.26	300.75	23.315		
9,700.00	7,245.85	7,285.85	7,285.85	77.42	252.63	89.26	1,606.87	-7,065.76	6,927.03	6,625.01	302.02	22.936		
9,800.00	7,246.66	7,286.66	7,286.66	79.87	252.65	89.27	1,606.87	-7,065.76	6,842.45	6,539.10	303.36	22.556		
9,900.00	7,247.47	7,287.47	7,287.47	82.36	252.68	89.29	1,606.87	-7,065.76	6,758.30	6,453.52	304.77	22.175		
10,000.00	7,248.28	7,288.28	7,288.28	84.87	252.71	89.30	1,606.87	-7,065.76	6,674.58	6,368.31	306.26	21.794		
10,100.00	7,249.08	7,289.08	7,289.08	87.40	252.74	89.31	1,606.87	-7,065.76	6,591.31	6,283.48	307.83	21.412		
10,200.00	7,249.89	7,289.89	7,289.89	89.95	252.77	89.32	1,606.87	-7,065.76	6,508.52	6,199.04	309.48	21.031		
10,300.00	7,250.70	7,300.70	7,290.70	92.52	253.44	89.34	1,606.87	-7,065.76	6,426.22	6,114.36	311.85	20.607		
10,400.00	7,251.51	7,301.51	7,291.51	95.11	253.42	89.35	1,606.87	-7,065.76	6,344.42	6,030.82	313.60	20.231		
10,500.00	7,252.31	7,302.31	7,292.31	97.71	253.39	89.36	1,606.87	-7,065.76	6,263.15	5,947.73	315.42	19.856		
10,600.00	7,253.12	7,303.12	7,293.12	100.33	253.36	89.37	1,606.87	-7,065.76	6,182.43	5,865.11	317.32	19.483		
10,700.00	7,253.93	7,304.07	7,293.93	102.96	253.33	89.39	1,606.87	-7,065.76	6,102.29	5,782.98	319.31	19.111		
10,800.00	7,254.74	7,305.26	7,294.74	105.61	253.30	89.40	1,606.87	-7,065.76	6,022.73	5,701.36	321.37	18.741		
10,900.00	7,255.55	7,306.45	7,295.55	108.26	253.27	89.41	1,606.87	-7,065.76	5,943.79	5,620.28	323.51	18.373		
11,000.00	7,256.35	7,307.65	7,296.35	110.92	253.25	89.42	1,606.87	-7,065.76	5,865.50	5,539.77	325.74	18.007		
11,100.00	7,257.16	7,308.84	7,297.16	113.60	253.22	89.44	1,606.87	-7,065.76	5,787.88	5,459.83	328.04	17.644		
11,200.00	7,257.97	7,309.03	7,297.97	116.28	253.19	89.45	1,606.87	-7,065.76	5,710.95	5,380.52	330.43	17.283		
11,300.00	7,258.78	7,310.22	7,298.78	118.97	253.16	89.46	1,606.87	-7,065.76	5,634.74	5,301.84	332.90	16.926		
11,400.00	7,259.58	7,311.42	7,299.58	121.67	253.13	89.47	1,606.87	-7,065.76	5,559.29	5,223.84	335.45	16.573		
11,500.00	7,260.39	7,312.61	7,300.39	124.38	253.13	89.49	1,606.87	-7,065.76	5,484.62	5,146.51	338.11	16.221		
11,600.00	7,261.20	7,313.80	7,301.20	127.09	253.16	89.50	1,606.87	-7,065.76	5,410.78	5,069.89	340.89	15.872		
11,700.00	7,262.01	7,315.00	7,302.01	129.81	253.19	89.51	1,606.87	-7,065.76	5,337.78	4,994.03	343.75	15.528		
11,800.00	7,262.82	7,316.20	7,302.82	132.53	253.22	89.52	1,606.87	-7,065.76	5,265.67	4,918.97	346.70	15.188		
11,900.00	7,263.62	7,317.40	7,303.62	135.26	253.25	89.54	1,606.87	-7,065.76	5,194.49	4,844.76	349.73	14.853		
12,000.00	7,264.43	7,318.60	7,304.43	138.00	253.27	89.55	1,606.87	-7,065.76	5,124.26	4,771.42	352.84	14.523		
12,100.00	7,265.24	7,319.80	7,305.24	140.74	253.30	89.56	1,606.87	-7,065.76	5,055.04	4,699.00	356.04	14.198		
12,200.00	7,266.05	7,321.00	7,306.05	143.49	253.33	89.57	1,606.87	-7,065.76	4,986.87	4,627.54	359.33	13.878		
12,300.00	7,266.86	7,322.20	7,306.86	146.24	253.36	89.59	1,606.87	-7,065.76	4,919.78	4,557.09	362.69	13.565		
12,400.00	7,267.66	7,323.40	7,307.66	148.99	253.39	89.60	1,606.87	-7,065.76	4,853.83	4,487.68	366.15	13.257		
12,500.00	7,268.47	7,324.60	7,308.47	151.75	253.41	89.61	1,606.87	-7,065.76	4,789.05	4,419.37	369.68	12.955		
12,600.00	7,269.28	7,325.80	7,309.28	154.51	253.44	89.63	1,606.87	-7,065.76	4,725.50	4,352.21	373.29	12.659		
12,700.00	7,270.09	7,327.00	7,310.09	157.27	253.47	89.64	1,606.87	-7,065.76	4,663.24	4,286.25	376.99	12.370		
12,800.00	7,270.89	7,328.20	7,310.89	160.04	253.50	89.65	1,606.87	-7,065.76	4,602.30	4,221.54	380.76	12.087		
12,900.00	7,271.70	7,329.40	7,311.70	162.81	253.53	89.66	1,606.87	-7,065.76	4,542.75	4,158.14	384.60	11.812		
13,000.00	7,272.51	7,330.60	7,312.51	165.58	253.56	89.68	1,606.87	-7,065.76	4,484.63	4,096.11	388.52	11.543		
13,100.00	7,273.32	7,331.80	7,313.32	168.36	253.58	89.69	1,606.87	-7,065.76	4,428.01	4,035.51	392.51	11.281		
13,200.00	7,274.13	7,333.00	7,314.13	171.14	253.61	89.70	1,606.87	-7,065.76	4,372.95	3,976.39	396.56	11.027		
13,300.00	7,274.93	7,334.20	7,314.93	173.92	253.64	89.71	1,606.87	-7,065.76	4,319.50	3,918.83	400.67	10.781		
13,400.00	7,275.74	7,335.40	7,315.74	176.71	253.67	89.73	1,606.87	-7,065.76	4,267.72	3,862.89	404.83	10.542		
13,500.00	7,276.55	7,336.60	7,316.55	179.49	253.70	89.74	1,606.87	-7,065.76	4,217.68	3,808.63	409.05	10.311		
13,555.88	7,277.00	7,337.00	7,317.00	181.05	253.71	89.75	1,606.87	-7,065.76	4,190.49	3,779.07	411.42	10.185 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-76.13	1,413.44	-5,722.67	5,894.64					
100.00	100.00	130.00	130.00	3.28	4.31	-76.13	1,413.44	-5,722.67	5,894.64	5,887.05	7.59	776.365		
200.00	200.00	230.00	230.00	3.34	7.09	-76.13	1,413.44	-5,722.67	5,894.64	5,884.21	10.43	565.413		
300.00	299.98	329.98	329.98	3.44	10.31	137.92	1,413.44	-5,722.67	5,895.94	5,882.19	13.75	428.797		
400.00	399.84	429.84	429.84	3.59	13.66	137.90	1,413.44	-5,722.67	5,899.82	5,882.57	17.25	341.986		
500.00	499.45	529.45	529.45	3.79	17.06	137.87	1,413.44	-5,722.67	5,906.30	5,885.45	20.85	283.302		
600.00	598.70	628.70	628.70	4.04	20.47	137.83	1,413.44	-5,722.67	5,915.37	5,890.86	24.50	241.416		
700.00	697.47	727.47	727.47	4.32	23.88	137.77	1,413.44	-5,722.67	5,927.02	5,898.82	28.20	210.214		
800.00	795.62	825.62	825.62	4.64	27.27	137.70	1,413.44	-5,722.67	5,941.26	5,909.35	31.91	186.180		
900.00	893.06	923.06	923.06	5.01	30.65	137.62	1,413.44	-5,722.67	5,958.08	5,922.44	35.64	167.170		
1,000.00	989.64	1,019.64	1,019.64	5.41	34.01	137.52	1,413.44	-5,722.67	5,977.48	5,938.11	39.38	151.808		
1,100.00	1,085.27	1,115.27	1,115.27	5.85	37.33	137.40	1,413.44	-5,722.67	5,999.46	5,956.35	43.11	139.172		
1,200.00	1,179.82	1,209.82	1,209.82	6.33	40.62	137.26	1,413.44	-5,722.67	6,024.00	5,977.17	46.83	128.627		
1,300.00	1,273.78	1,303.78	1,303.78	6.85	43.89	137.47	1,413.44	-5,722.67	6,049.87	5,999.31	50.56	119.661		
1,400.00	1,367.75	1,402.25	1,397.75	7.38	47.32	137.68	1,413.44	-5,722.67	6,075.81	6,021.36	54.45	111.578		
1,500.00	1,461.72	1,508.28	1,491.72	7.93	51.01	137.90	1,413.44	-5,722.67	6,101.84	6,043.22	58.63	104.080		
1,600.00	1,555.69	1,585.69	1,585.69	8.49	53.71	138.10	1,413.44	-5,722.67	6,127.95	6,066.14	61.81	99.136		
1,700.00	1,649.66	1,679.66	1,679.66	9.07	56.99	138.31	1,413.44	-5,722.67	6,154.14	6,088.56	65.59	93.832		
1,800.00	1,743.63	1,773.63	1,773.63	9.65	60.26	138.52	1,413.44	-5,722.67	6,180.41	6,111.04	69.37	89.096		
1,900.00	1,837.60	1,867.60	1,867.60	10.24	63.54	138.72	1,413.44	-5,722.67	6,206.76	6,133.60	73.15	84.844		
2,000.00	1,931.57	1,961.57	1,961.57	10.83	66.81	138.92	1,413.44	-5,722.67	6,233.18	6,156.23	76.95	81.006		
2,100.00	2,025.54	2,055.54	2,055.54	11.43	70.09	139.12	1,413.44	-5,722.67	6,259.67	6,178.93	80.74	77.526		
2,200.00	2,119.51	2,149.51	2,149.51	12.03	73.37	139.32	1,413.44	-5,722.67	6,286.24	6,201.70	84.54	74.356		
2,300.00	2,213.48	2,243.48	2,243.48	12.64	76.64	139.52	1,413.44	-5,722.67	6,312.89	6,224.54	88.35	71.457		
2,400.00	2,307.45	2,337.45	2,337.45	13.25	79.92	139.71	1,413.44	-5,722.67	6,339.61	6,247.46	92.15	68.796		
2,500.00	2,401.42	2,431.42	2,431.42	13.87	83.20	139.91	1,413.44	-5,722.67	6,366.39	6,270.44	95.96	66.346		
2,600.00	2,495.39	2,525.39	2,525.39	14.48	86.48	140.10	1,413.44	-5,722.67	6,393.25	6,293.49	99.77	64.082		
2,700.00	2,589.35	2,619.35	2,619.35	15.10	89.76	140.29	1,413.44	-5,722.67	6,420.18	6,316.61	103.58	61.985		
2,800.00	2,683.32	2,713.32	2,713.32	15.72	93.03	140.48	1,413.44	-5,722.67	6,447.18	6,339.79	107.39	60.037		
2,900.00	2,777.29	2,807.29	2,807.29	16.34	96.31	140.67	1,413.44	-5,722.67	6,474.25	6,363.05	111.20	58.222		
3,000.00	2,871.26	2,901.26	2,901.26	16.97	99.59	140.86	1,413.44	-5,722.67	6,501.38	6,386.37	115.01	56.527		
3,100.00	2,965.23	3,004.77	2,995.23	17.59	103.20	141.04	1,413.44	-5,722.67	6,528.58	6,409.42	119.16	54.789		
3,200.00	3,059.20	3,089.20	3,089.20	18.22	106.15	141.23	1,413.44	-5,722.67	6,555.85	6,433.21	122.64	53.456		
3,300.00	3,153.17	3,183.17	3,183.17	18.84	109.43	141.41	1,413.44	-5,722.67	6,583.18	6,456.72	126.45	52.059		
3,400.00	3,247.14	3,277.14	3,277.14	19.47	112.71	141.59	1,413.44	-5,722.67	6,610.57	6,480.30	130.27	50.745		
3,500.00	3,341.11	3,371.11	3,371.11	20.10	115.99	141.77	1,413.44	-5,722.67	6,638.03	6,503.94	134.08	49.506		
3,600.00	3,435.08	3,465.08	3,465.08	20.73	119.27	141.95	1,413.44	-5,722.67	6,665.55	6,527.65	137.90	48.336		
3,700.00	3,529.05	3,559.05	3,559.05	21.36	122.54	142.12	1,413.44	-5,722.67	6,693.13	6,551.41	141.71	47.230		
3,800.00	3,623.02	3,653.02	3,653.02	21.99	125.82	142.30	1,413.44	-5,722.67	6,720.77	6,575.24	145.53	46.181		
3,900.00	3,716.99	3,746.99	3,746.99	22.62	129.10	142.47	1,413.44	-5,722.67	6,748.47	6,599.13	149.34	45.187		
4,000.00	3,810.95	3,840.95	3,840.95	23.25	132.38	142.64	1,413.44	-5,722.67	6,776.24	6,623.08	153.16	44.243		
4,100.00	3,904.92	3,934.92	3,934.92	23.88	135.66	142.81	1,413.44	-5,722.67	6,804.06	6,647.08	156.97	43.345		
4,200.00	3,998.89	4,028.89	4,028.89	24.52	138.94	142.98	1,413.44	-5,722.67	6,831.93	6,671.14	160.79	42.490		
4,300.00	4,092.86	4,122.86	4,122.86	25.15	142.22	143.15	1,413.44	-5,722.67	6,859.87	6,695.27	164.60	41.675		
4,400.00	4,186.83	4,216.83	4,216.83	25.78	145.50	143.32	1,413.44	-5,722.67	6,887.86	6,719.44	168.42	40.898		
4,500.00	4,280.80	4,310.80	4,310.80	26.42	148.78	143.48	1,413.44	-5,722.67	6,915.91	6,743.68	172.23	40.155		
4,600.00	4,374.77	4,404.77	4,404.77	27.05	152.06	143.65	1,413.44	-5,722.67	6,944.01	6,767.97	176.05	39.444		
4,700.00	4,468.74	4,501.26	4,498.74	27.68	155.43	143.81	1,413.44	-5,722.67	6,972.17	6,792.22	179.95	38.746		
4,800.00	4,562.71	4,607.29	4,592.71	28.32	159.13	143.97	1,413.44	-5,722.67	7,000.38	6,816.20	184.18	38.008		
4,900.00	4,656.68	4,686.68	4,686.68	28.95	161.90	144.13	1,413.44	-5,722.67	7,028.65	6,841.16	187.49	37.489		
5,000.00	4,750.65	4,780.65	4,780.65	29.59	165.18	144.29	1,413.44	-5,722.67	7,056.96	6,865.67	191.30	36.890		
5,100.00	4,844.62	4,874.62	4,874.62	30.23	168.46	144.45	1,413.44	-5,722.67	7,085.33	6,890.22	195.11	36.315		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,968.59	4,968.59	30.86	171.74	144.61	1,413.44	-5,722.67	7,113.75	6,914.83	198.92	35.762		
5,300.00	5,032.56	5,062.56	5,062.56	31.50	175.02	144.77	1,413.44	-5,722.67	7,142.22	6,939.49	202.73	35.230		
5,400.00	5,126.52	5,156.52	5,156.52	32.13	178.30	144.92	1,413.44	-5,722.67	7,170.74	6,964.20	206.54	34.718		
5,500.00	5,220.49	5,250.49	5,250.49	32.77	181.58	145.07	1,413.44	-5,722.67	7,199.32	6,988.96	210.36	34.224		
5,600.00	5,314.46	5,344.46	5,344.46	33.41	184.86	145.23	1,413.44	-5,722.67	7,227.94	7,013.77	214.17	33.749		
5,700.00	5,408.43	5,438.43	5,438.43	34.04	188.14	145.38	1,413.44	-5,722.67	7,256.60	7,038.63	217.98	33.291		
5,800.00	5,502.40	5,532.40	5,532.40	34.68	191.42	145.53	1,413.44	-5,722.67	7,285.32	7,063.53	221.79	32.848		
5,900.00	5,596.37	5,626.37	5,626.37	35.32	194.70	145.68	1,413.44	-5,722.67	7,314.08	7,088.48	225.60	32.421		
6,000.00	5,690.34	5,720.34	5,720.34	35.96	197.98	145.82	1,413.44	-5,722.67	7,342.89	7,113.48	229.41	32.008		
6,100.00	5,784.31	5,814.31	5,814.31	36.59	201.26	145.97	1,413.44	-5,722.67	7,371.75	7,138.53	233.22	31.609		
6,200.00	5,878.28	5,908.28	5,908.28	37.23	204.54	146.11	1,413.44	-5,722.67	7,400.65	7,163.62	237.02	31.223		
6,300.00	5,972.25	6,002.25	6,002.25	37.87	207.82	146.26	1,413.44	-5,722.67	7,429.59	7,188.76	240.83	30.850		
6,400.00	6,066.22	6,103.78	6,096.22	38.51	211.36	146.40	1,413.44	-5,722.67	7,458.58	7,213.68	244.90	30.455		
6,500.00	6,160.19	6,209.81	6,190.19	39.14	215.06	146.54	1,413.44	-5,722.67	7,487.62	7,238.49	249.13	30.055		
6,600.00	6,254.16	6,284.16	6,284.16	39.78	217.66	146.69	1,413.44	-5,722.67	7,516.70	7,264.44	252.26	29.798		
6,700.00	6,348.13	6,378.13	6,378.13	40.42	220.94	146.83	1,413.44	-5,722.67	7,545.82	7,289.76	256.06	29.469		
6,800.00	6,442.09	6,472.09	6,472.09	41.06	224.22	146.97	1,413.44	-5,722.67	7,574.98	7,315.11	259.87	29.149		
6,869.92	6,507.80	6,537.80	6,537.80	41.51	226.51	147.06	1,413.44	-5,722.67	7,595.40	7,332.87	262.53	28.931		
6,900.00	6,536.18	6,566.18	6,566.18	41.69	227.50	147.00	1,413.44	-5,722.67	7,603.57	7,339.89	263.68	28.837		
6,950.00	6,583.76	6,613.76	6,613.76	41.98	229.16	126.49	1,413.44	-5,722.67	7,614.40	7,348.80	265.59	28.670		
7,000.00	6,631.58	6,661.58	6,661.58	42.23	230.83	111.66	1,413.44	-5,722.67	7,621.73	7,354.23	267.50	28.493		
7,050.00	6,679.34	6,709.34	6,709.34	42.44	232.50	97.33	1,413.44	-5,722.67	7,625.53	7,356.15	269.38	28.307		
7,100.00	6,726.76	6,756.76	6,756.76	42.62	234.16	85.09	1,413.44	-5,722.67	7,625.79	7,354.57	271.23	28.116		
7,150.00	6,773.53	6,803.53	6,803.53	42.78	235.79	75.49	1,413.44	-5,722.67	7,622.52	7,349.50	273.02	27.919		
7,200.00	6,819.38	6,849.38	6,849.38	42.91	237.39	68.32	1,413.44	-5,722.67	7,615.74	7,340.99	274.74	27.719		
7,250.00	6,864.01	6,905.99	6,894.01	43.03	239.37	63.08	1,413.44	-5,722.67	7,605.50	7,328.69	276.82	27.475		
7,300.00	6,907.16	6,937.16	6,937.16	43.14	240.45	59.35	1,413.44	-5,722.67	7,591.89	7,313.91	277.97	27.312		
7,350.00	6,948.56	6,978.56	6,978.56	43.24	241.90	56.79	1,413.44	-5,722.67	7,574.98	7,295.53	279.46	27.106		
7,400.00	6,987.94	7,017.94	7,017.94	43.35	243.27	55.15	1,413.44	-5,722.67	7,554.91	7,274.05	280.85	26.900		
7,450.00	7,025.08	7,055.08	7,055.08	43.46	244.57	54.29	1,413.44	-5,722.67	7,531.79	7,249.64	282.15	26.694		
7,500.00	7,059.73	7,089.73	7,089.73	43.57	245.78	54.11	1,413.44	-5,722.67	7,505.78	7,222.43	283.35	26.490		
7,550.00	7,091.70	7,121.70	7,121.70	43.70	246.90	54.56	1,413.44	-5,722.67	7,477.05	7,192.60	284.44	26.287		
7,600.00	7,120.77	7,150.77	7,150.77	43.84	247.91	55.62	1,413.44	-5,722.67	7,445.77	7,160.34	285.43	26.086		
7,650.00	7,146.77	7,176.77	7,176.77	44.00	248.82	57.32	1,413.44	-5,722.67	7,412.15	7,125.83	286.32	25.888		
7,700.00	7,169.54	7,200.46	7,199.54	44.18	249.64	59.68	1,413.44	-5,722.67	7,376.39	7,089.27	287.13	25.690		
7,750.00	7,188.94	7,218.94	7,218.94	44.38	250.29	62.78	1,413.44	-5,722.67	7,338.73	7,050.96	287.76	25.502		
7,800.00	7,204.85	7,234.85	7,234.85	44.61	250.85	66.68	1,413.44	-5,722.67	7,299.38	7,011.05	288.33	25.316		
7,850.00	7,217.17	7,247.17	7,247.17	44.88	251.28	71.46	1,413.44	-5,722.67	7,258.58	6,969.80	288.79	25.135		
7,900.00	7,225.83	7,255.83	7,255.83	45.17	251.58	77.19	1,413.44	-5,722.67	7,216.60	6,927.47	289.13	24.959		
7,950.00	7,230.77	7,260.77	7,260.77	45.50	251.75	83.88	1,413.44	-5,722.67	7,173.68	6,884.30	289.38	24.790		
7,985.49	7,232.00	7,262.00	7,262.00	45.75	251.79	89.17	1,413.44	-5,722.67	7,142.78	6,853.29	289.48	24.674		
8,000.00	7,232.12	7,262.12	7,262.12	45.86	251.80	89.17	1,413.44	-5,722.67	7,130.09	6,840.58	289.52	24.628		
8,100.00	7,232.93	7,262.93	7,262.93	46.71	251.83	89.18	1,413.44	-5,722.67	7,042.85	6,753.08	289.78	24.304		
8,200.00	7,233.74	7,263.74	7,263.74	47.73	251.85	89.19	1,413.44	-5,722.67	6,955.96	6,665.85	290.11	23.977		
8,300.00	7,234.54	7,264.54	7,264.54	48.94	251.88	89.21	1,413.44	-5,722.67	6,869.42	6,578.91	290.51	23.646		
8,400.00	7,235.35	7,265.35	7,265.35	50.32	251.91	89.22	1,413.44	-5,722.67	6,783.25	6,492.27	290.98	23.311		
8,500.00	7,236.16	7,266.16	7,266.16	51.86	251.94	89.23	1,413.44	-5,722.67	6,697.47	6,405.93	291.54	22.973		
8,600.00	7,236.97	7,266.97	7,266.97	53.54	251.97	89.25	1,413.44	-5,722.67	6,612.08	6,319.91	292.17	22.631		
8,700.00	7,237.77	7,267.77	7,267.77	55.33	251.99	89.26	1,413.44	-5,722.67	6,527.11	6,234.22	292.89	22.285		
8,800.00	7,238.58	7,268.58	7,268.58	57.24	252.02	89.27	1,413.44	-5,722.67	6,442.57	6,148.88	293.70	21.936		
8,900.00	7,239.39	7,269.39	7,269.39	59.24	252.05	89.29	1,413.44	-5,722.67	6,358.48	6,063.90	294.59	21.584		
9,000.00	7,240.20	7,270.20	7,270.20	61.31	252.08	89.30	1,413.44	-5,722.67	6,274.86	5,979.30	295.56	21.230		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,271.01	7,271.01	63.46	252.11	89.31	1,413.44	-5,722.67	6,191.72	5,895.09	296.63	20.873		
9,200.00	7,241.81	7,271.81	7,271.81	65.67	252.14	89.33	1,413.44	-5,722.67	6,109.09	5,811.30	297.79	20.515		
9,300.00	7,242.62	7,272.62	7,272.62	67.93	252.16	89.34	1,413.44	-5,722.67	6,026.98	5,727.94	299.04	20.154		
9,400.00	7,243.43	7,273.43	7,273.43	70.25	252.19	89.35	1,413.44	-5,722.67	5,945.43	5,645.04	300.39	19.792		
9,500.00	7,244.24	7,274.24	7,274.24	72.60	252.22	89.37	1,413.44	-5,722.67	5,864.44	5,562.61	301.83	19.430		
9,600.00	7,245.04	7,275.04	7,275.04	74.99	252.25	89.38	1,413.44	-5,722.67	5,784.05	5,480.69	303.36	19.067		
9,700.00	7,245.85	7,275.85	7,275.85	77.42	252.28	89.39	1,413.44	-5,722.67	5,704.27	5,399.29	304.98	18.704		
9,800.00	7,246.66	7,276.66	7,276.66	79.87	252.30	89.41	1,413.44	-5,722.67	5,625.15	5,318.44	306.70	18.341		
9,900.00	7,247.47	7,277.47	7,277.47	82.36	252.33	89.42	1,413.44	-5,722.67	5,546.70	5,238.18	308.52	17.978		
10,000.00	7,248.28	7,278.28	7,278.28	84.87	252.36	89.43	1,413.44	-5,722.67	5,468.95	5,158.52	310.43	17.617		
10,100.00	7,249.08	7,279.08	7,279.08	87.40	252.39	89.45	1,413.44	-5,722.67	5,391.93	5,079.50	312.43	17.258		
10,200.00	7,249.89	7,279.89	7,279.89	89.95	252.42	89.46	1,413.44	-5,722.67	5,315.68	5,001.15	314.54	16.900		
10,300.00	7,250.70	7,280.70	7,280.70	92.52	252.45	89.47	1,413.44	-5,722.67	5,240.23	4,923.50	316.73	16.545		
10,400.00	7,251.51	7,281.51	7,281.51	95.11	252.47	89.49	1,413.44	-5,722.67	5,165.61	4,846.59	319.02	16.192		
10,500.00	7,252.31	7,282.31	7,282.31	97.71	252.50	89.50	1,413.44	-5,722.67	5,091.87	4,770.46	321.41	15.842		
10,600.00	7,253.12	7,283.12	7,283.12	100.33	252.53	89.51	1,413.44	-5,722.67	5,019.03	4,695.14	323.89	15.496		
10,700.00	7,253.93	7,283.93	7,283.93	102.96	252.56	89.53	1,413.44	-5,722.67	4,947.14	4,620.67	326.47	15.154		
10,800.00	7,254.74	7,284.74	7,284.74	105.61	252.59	89.54	1,413.44	-5,722.67	4,876.24	4,547.10	329.14	14.815		
10,900.00	7,255.55	7,285.55	7,285.55	108.26	252.61	89.55	1,413.44	-5,722.67	4,806.38	4,474.47	331.90	14.481		
11,000.00	7,256.35	7,286.35	7,286.35	110.92	252.64	89.57	1,413.44	-5,722.67	4,737.59	4,402.83	334.77	14.152		
11,100.00	7,257.16	7,287.16	7,287.16	113.60	252.67	89.58	1,413.44	-5,722.67	4,669.94	4,332.22	337.72	13.828		
11,200.00	7,257.97	7,287.97	7,287.97	116.28	252.70	89.59	1,413.44	-5,722.67	4,603.46	4,262.69	340.77	13.509		
11,300.00	7,258.78	7,288.78	7,288.78	118.97	252.73	89.61	1,413.44	-5,722.67	4,538.21	4,194.31	343.90	13.196		
11,400.00	7,259.58	7,289.58	7,289.58	121.67	252.76	89.62	1,413.44	-5,722.67	4,474.25	4,127.12	347.13	12.889		
11,500.00	7,260.39	7,309.61	7,290.39	124.38	253.45	89.63	1,413.44	-5,722.67	4,411.62	4,060.50	351.12	12.564		
11,600.00	7,261.20	7,308.80	7,291.20	127.09	253.43	89.65	1,413.44	-5,722.67	4,350.40	3,995.93	354.47	12.273		
11,700.00	7,262.01	7,307.99	7,292.01	129.81	253.40	89.66	1,413.44	-5,722.67	4,290.63	3,932.73	357.90	11.988		
11,800.00	7,262.82	7,307.18	7,292.82	132.53	253.37	89.67	1,413.44	-5,722.67	4,232.37	3,870.96	361.41	11.711		
11,900.00	7,263.62	7,306.38	7,293.62	135.26	253.34	89.69	1,413.44	-5,722.67	4,175.71	3,810.70	365.00	11.440		
12,000.00	7,264.43	7,305.57	7,294.43	138.00	253.31	89.70	1,413.44	-5,722.67	4,120.68	3,752.02	368.66	11.177		
12,100.00	7,265.24	7,304.76	7,295.24	140.74	253.29	89.72	1,413.44	-5,722.67	4,067.38	3,694.98	372.40	10.922		
12,200.00	7,266.05	7,303.95	7,296.05	143.49	253.26	89.73	1,413.44	-5,722.67	4,015.85	3,639.66	376.19	10.675		
12,300.00	7,266.86	7,303.15	7,296.86	146.24	253.23	89.74	1,413.44	-5,722.67	3,966.18	3,586.13	380.05	10.436		
12,400.00	7,267.66	7,302.34	7,297.66	148.99	253.20	89.76	1,413.44	-5,722.67	3,918.43	3,534.48	383.95	10.206		
12,500.00	7,268.47	7,301.53	7,298.47	151.75	253.17	89.77	1,413.44	-5,722.67	3,872.68	3,484.77	387.90	9.984		
12,600.00	7,269.28	7,300.72	7,299.28	154.51	253.14	89.78	1,413.44	-5,722.67	3,828.98	3,437.10	391.89	9.771		
12,700.00	7,270.09	7,300.09	7,300.09	157.27	253.12	89.80	1,413.44	-5,722.67	3,787.43	3,391.53	395.90	9.567		
12,800.00	7,270.89	7,300.89	7,300.89	160.04	253.15	89.81	1,413.44	-5,722.67	3,748.09	3,348.09	399.99	9.370		
12,900.00	7,271.70	7,301.70	7,301.70	162.81	253.18	89.82	1,413.44	-5,722.67	3,711.02	3,306.93	404.08	9.184		
13,000.00	7,272.51	7,302.51	7,302.51	165.58	253.21	89.84	1,413.44	-5,722.67	3,676.30	3,268.12	408.17	9.007		
13,100.00	7,273.32	7,303.32	7,303.32	168.36	253.24	89.85	1,413.44	-5,722.67	3,643.99	3,231.74	412.25	8.839		
13,200.00	7,274.13	7,304.13	7,304.13	171.14	253.26	89.86	1,413.44	-5,722.67	3,614.16	3,197.87	416.30	8.682		
13,300.00	7,274.93	7,304.93	7,304.93	173.92	253.29	89.88	1,413.44	-5,722.67	3,586.87	3,166.57	420.30	8.534		
13,400.00	7,275.74	7,305.74	7,305.74	176.71	253.32	89.89	1,413.44	-5,722.67	3,562.19	3,137.93	424.26	8.396		
13,500.00	7,276.55	7,306.55	7,306.55	179.49	253.35	89.90	1,413.44	-5,722.67	3,540.15	3,112.00	428.15	8.269		
13,555.88	7,277.00	7,307.00	7,307.00	181.05	253.36	89.91	1,413.44	-5,722.67	3,529.01	3,098.72	430.29	8.202 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-87.27	208.40	-4,370.57	4,375.53					
100.00	100.00	123.00	123.00	3.28	4.15	-87.27	208.40	-4,370.57	4,375.53	4,368.09	7.44	588.239		
200.00	200.00	223.00	223.00	3.34	6.87	-87.27	208.40	-4,370.57	4,375.53	4,365.32	10.21	428.567		
300.00	299.98	322.98	322.98	3.44	10.08	126.79	208.40	-4,370.57	4,376.58	4,363.06	13.52	323.748		
400.00	399.84	422.84	422.84	3.59	13.42	126.79	208.40	-4,370.57	4,379.72	4,362.70	17.01	257.420		
500.00	499.45	522.45	522.45	3.79	16.82	126.80	208.40	-4,370.57	4,384.95	4,364.34	20.61	212.786		
600.00	598.70	621.70	621.70	4.04	20.23	126.81	208.40	-4,370.57	4,392.28	4,368.02	24.26	181.045		
700.00	697.47	720.47	720.47	4.32	23.63	126.82	208.40	-4,370.57	4,401.73	4,373.78	27.95	157.465		
800.00	795.62	818.62	818.62	4.64	27.03	126.83	208.40	-4,370.57	4,413.30	4,381.63	31.67	139.342		
900.00	893.06	916.06	916.06	5.01	30.41	126.83	208.40	-4,370.57	4,427.01	4,391.61	35.41	125.033		
1,000.00	989.64	1,012.64	1,012.64	5.41	33.77	126.84	208.40	-4,370.57	4,442.88	4,403.73	39.15	113.485		
1,100.00	1,085.27	1,108.27	1,108.27	5.85	37.09	126.84	208.40	-4,370.57	4,460.91	4,418.01	42.89	104.000		
1,200.00	1,179.82	1,202.82	1,202.82	6.33	40.38	126.83	208.40	-4,370.57	4,481.13	4,434.49	46.63	96.092		
1,300.00	1,273.78	1,303.22	1,296.78	6.85	43.87	127.17	208.40	-4,370.57	4,502.52	4,451.92	50.60	88.979		
1,400.00	1,367.75	1,409.25	1,390.75	7.38	47.56	127.50	208.40	-4,370.57	4,524.07	4,469.29	54.78	82.584		
1,500.00	1,461.72	1,484.72	1,484.72	7.93	50.19	127.83	208.40	-4,370.57	4,545.78	4,487.87	57.91	78.495		
1,600.00	1,555.69	1,578.69	1,578.69	8.49	53.47	128.15	208.40	-4,370.57	4,567.64	4,505.95	61.70	74.033		
1,700.00	1,649.66	1,672.66	1,672.66	9.07	56.74	128.48	208.40	-4,370.57	4,589.66	4,524.16	65.49	70.079		
1,800.00	1,743.63	1,766.63	1,766.63	9.65	60.02	128.80	208.40	-4,370.57	4,611.82	4,542.52	69.29	66.554		
1,900.00	1,837.60	1,860.60	1,860.60	10.24	63.29	129.12	208.40	-4,370.57	4,634.13	4,561.02	73.10	63.392		
2,000.00	1,931.57	1,954.57	1,954.57	10.83	66.57	129.43	208.40	-4,370.57	4,656.58	4,579.66	76.91	60.542		
2,100.00	2,025.54	2,048.54	2,048.54	11.43	69.85	129.74	208.40	-4,370.57	4,679.17	4,598.44	80.73	57.960		
2,200.00	2,119.51	2,142.51	2,142.51	12.03	73.12	130.05	208.40	-4,370.57	4,701.91	4,617.35	84.55	55.610		
2,300.00	2,213.48	2,236.48	2,236.48	12.64	76.40	130.36	208.40	-4,370.57	4,724.78	4,636.40	88.37	53.464		
2,400.00	2,307.45	2,330.45	2,330.45	13.25	79.68	130.66	208.40	-4,370.57	4,747.79	4,655.59	92.20	51.496		
2,500.00	2,401.42	2,424.42	2,424.42	13.87	82.96	130.96	208.40	-4,370.57	4,770.93	4,674.91	96.02	49.685		
2,600.00	2,495.39	2,518.39	2,518.39	14.48	86.23	131.26	208.40	-4,370.57	4,794.20	4,694.35	99.85	48.014		
2,700.00	2,589.35	2,612.35	2,612.35	15.10	89.51	131.56	208.40	-4,370.57	4,817.61	4,713.93	103.68	46.467		
2,800.00	2,683.32	2,706.32	2,706.32	15.72	92.79	131.85	208.40	-4,370.57	4,841.14	4,733.64	107.51	45.031		
2,900.00	2,777.29	2,800.29	2,800.29	16.34	96.07	132.14	208.40	-4,370.57	4,864.80	4,753.47	111.33	43.695		
3,000.00	2,871.26	2,905.74	2,894.26	16.97	99.75	132.43	208.40	-4,370.57	4,888.59	4,773.02	115.56	42.302		
3,100.00	2,965.23	2,988.23	2,988.23	17.59	102.63	132.71	208.40	-4,370.57	4,912.50	4,793.50	118.99	41.284		
3,200.00	3,059.20	3,082.20	3,082.20	18.22	105.91	132.99	208.40	-4,370.57	4,936.53	4,813.70	122.82	40.192		
3,300.00	3,153.17	3,176.17	3,176.17	18.84	109.18	133.27	208.40	-4,370.57	4,960.68	4,834.02	126.65	39.168		
3,400.00	3,247.14	3,270.14	3,270.14	19.47	112.46	133.55	208.40	-4,370.57	4,984.94	4,854.46	130.48	38.204		
3,500.00	3,341.11	3,364.11	3,364.11	20.10	115.74	133.83	208.40	-4,370.57	5,009.32	4,875.01	134.31	37.297		
3,600.00	3,435.08	3,458.08	3,458.08	20.73	119.02	134.10	208.40	-4,370.57	5,033.82	4,895.68	138.14	36.440		
3,700.00	3,529.05	3,552.05	3,552.05	21.36	122.30	134.37	208.40	-4,370.57	5,058.43	4,916.46	141.97	35.631		
3,800.00	3,623.02	3,646.02	3,646.02	21.99	125.58	134.64	208.40	-4,370.57	5,083.15	4,937.36	145.79	34.865		
3,900.00	3,716.99	3,739.99	3,739.99	22.62	128.86	134.90	208.40	-4,370.57	5,107.98	4,958.36	149.62	34.139		
4,000.00	3,810.95	3,833.95	3,833.95	23.25	132.14	135.16	208.40	-4,370.57	5,132.92	4,979.47	153.45	33.450		
4,100.00	3,904.92	3,927.92	3,927.92	23.88	135.42	135.42	208.40	-4,370.57	5,157.96	5,000.69	157.28	32.796		
4,200.00	3,998.89	4,021.89	4,021.89	24.52	138.70	135.68	208.40	-4,370.57	5,183.11	5,022.01	161.10	32.173		
4,300.00	4,092.86	4,115.86	4,115.86	25.15	141.98	135.94	208.40	-4,370.57	5,208.36	5,043.44	164.93	31.580		
4,400.00	4,186.83	4,209.83	4,209.83	25.78	145.26	136.19	208.40	-4,370.57	5,233.72	5,064.96	168.75	31.014		
4,500.00	4,280.80	4,303.80	4,303.80	26.42	148.54	136.44	208.40	-4,370.57	5,259.17	5,086.59	172.57	30.475		
4,600.00	4,374.77	4,402.23	4,397.77	27.05	151.97	136.69	208.40	-4,370.57	5,284.72	5,108.17	176.55	29.933		
4,700.00	4,468.74	4,508.26	4,491.74	27.68	155.67	136.93	208.40	-4,370.57	5,310.37	5,129.57	180.80	29.372		
4,800.00	4,562.71	4,585.71	4,585.71	28.32	158.38	137.18	208.40	-4,370.57	5,336.12	5,152.07	184.04	28.994		
4,900.00	4,656.68	4,679.68	4,679.68	28.95	161.66	137.42	208.40	-4,370.57	5,361.96	5,174.09	187.86	28.542		
5,000.00	4,750.65	4,773.65	4,773.65	29.59	164.94	137.66	208.40	-4,370.57	5,387.89	5,196.20	191.68	28.108		
5,100.00	4,844.62	4,867.62	4,867.62	30.23	168.22	137.90	208.40	-4,370.57	5,413.92	5,218.41	195.51	27.692		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,961.59	4,961.59	30.86	171.50	138.13	208.40	-4,370.57	5,440.03	5,240.71	199.32	27.292		
5,300.00	5,032.56	5,055.56	5,055.56	31.50	174.78	138.37	208.40	-4,370.57	5,466.24	5,263.09	203.14	26.908		
5,400.00	5,126.52	5,149.52	5,149.52	32.13	178.05	138.60	208.40	-4,370.57	5,492.53	5,285.57	206.96	26.539		
5,500.00	5,220.49	5,243.49	5,243.49	32.77	181.33	138.82	208.40	-4,370.57	5,518.91	5,308.13	210.78	26.183		
5,600.00	5,314.46	5,337.46	5,337.46	33.41	184.61	139.05	208.40	-4,370.57	5,545.37	5,330.78	214.60	25.841		
5,700.00	5,408.43	5,431.43	5,431.43	34.04	187.89	139.28	208.40	-4,370.57	5,571.92	5,353.51	218.41	25.511		
5,800.00	5,502.40	5,525.40	5,525.40	34.68	191.17	139.50	208.40	-4,370.57	5,598.55	5,376.33	222.23	25.193		
5,900.00	5,596.37	5,619.37	5,619.37	35.32	194.45	139.72	208.40	-4,370.57	5,625.27	5,399.23	226.04	24.886		
6,000.00	5,690.34	5,713.34	5,713.34	35.96	197.73	139.94	208.40	-4,370.57	5,652.06	5,422.21	229.86	24.589		
6,100.00	5,784.31	5,807.31	5,807.31	36.59	201.01	140.15	208.40	-4,370.57	5,678.94	5,445.27	233.67	24.303		
6,200.00	5,878.28	5,901.28	5,901.28	37.23	204.29	140.37	208.40	-4,370.57	5,705.89	5,468.41	237.48	24.026		
6,300.00	5,972.25	6,004.75	5,995.25	37.87	207.91	140.58	208.40	-4,370.57	5,732.92	5,491.29	241.63	23.726		
6,400.00	6,066.22	6,089.22	6,089.22	38.51	210.86	140.79	208.40	-4,370.57	5,760.03	5,514.92	245.11	23.500		
6,500.00	6,160.19	6,183.19	6,183.19	39.14	214.14	141.00	208.40	-4,370.57	5,787.21	5,538.29	248.92	23.249		
6,600.00	6,254.16	6,277.16	6,277.16	39.78	217.42	141.21	208.40	-4,370.57	5,814.46	5,561.73	252.73	23.007		
6,700.00	6,348.13	6,371.13	6,371.13	40.42	220.70	141.41	208.40	-4,370.57	5,841.79	5,585.25	256.54	22.771		
6,800.00	6,442.09	6,465.09	6,465.09	41.06	223.98	141.62	208.40	-4,370.57	5,869.19	5,608.84	260.35	22.543		
6,869.92	6,507.80	6,530.80	6,530.80	41.51	226.27	141.76	208.40	-4,370.57	5,888.40	5,625.38	263.01	22.388		
6,900.00	6,536.18	6,559.18	6,559.18	41.69	227.26	134.80	208.40	-4,370.57	5,896.02	5,631.86	264.16	22.320		
6,950.00	6,583.76	6,606.76	6,606.76	41.98	228.92	121.44	208.40	-4,370.57	5,905.83	5,639.75	266.07	22.196		
7,000.00	6,631.58	6,654.58	6,654.58	42.23	230.59	106.73	208.40	-4,370.57	5,912.01	5,644.03	267.98	22.061		
7,050.00	6,679.34	6,702.34	6,702.34	42.44	232.26	92.50	208.40	-4,370.57	5,914.54	5,644.68	269.86	21.917		
7,100.00	6,726.76	6,749.76	6,749.76	42.62	233.91	80.33	208.40	-4,370.57	5,913.40	5,641.71	271.70	21.765		
7,150.00	6,773.53	6,803.47	6,796.53	42.78	235.79	70.79	208.40	-4,370.57	5,908.62	5,634.90	273.72	21.586		
7,200.00	6,819.38	6,842.38	6,842.38	42.91	237.15	63.66	208.40	-4,370.57	5,900.24	5,625.05	275.19	21.440		
7,250.00	6,864.01	6,887.01	6,887.01	43.03	238.70	58.45	208.40	-4,370.57	5,888.31	5,611.48	276.84	21.270		
7,300.00	6,907.16	6,930.16	6,930.16	43.14	240.21	54.72	208.40	-4,370.57	5,872.93	5,594.53	278.40	21.095		
7,350.00	6,948.56	6,971.56	6,971.56	43.24	241.65	52.15	208.40	-4,370.57	5,854.19	5,574.31	279.87	20.917		
7,400.00	6,987.94	7,010.94	7,010.94	43.35	243.03	50.50	208.40	-4,370.57	5,832.21	5,550.96	281.25	20.736		
7,450.00	7,025.08	7,048.08	7,048.08	43.46	244.33	49.62	208.40	-4,370.57	5,807.15	5,524.61	282.54	20.554		
7,500.00	7,059.73	7,082.73	7,082.73	43.57	245.54	49.42	208.40	-4,370.57	5,779.15	5,495.43	283.72	20.369		
7,550.00	7,091.70	7,114.70	7,114.70	43.70	246.65	49.85	208.40	-4,370.57	5,748.41	5,463.61	284.80	20.184		
7,600.00	7,120.77	7,143.77	7,143.77	43.84	247.67	50.92	208.40	-4,370.57	5,715.10	5,429.34	285.77	19.999		
7,650.00	7,146.77	7,169.77	7,169.77	44.00	248.57	52.66	208.40	-4,370.57	5,679.45	5,392.82	286.63	19.815		
7,700.00	7,169.54	7,207.46	7,192.54	44.18	249.89	55.12	208.40	-4,370.57	5,641.67	5,353.76	287.90	19.596		
7,750.00	7,188.94	7,211.94	7,211.94	44.38	250.05	58.42	208.40	-4,370.57	5,601.99	5,313.96	288.02	19.450		
7,800.00	7,204.85	7,227.85	7,227.85	44.61	250.60	62.68	208.40	-4,370.57	5,560.66	5,272.10	288.56	19.271		
7,850.00	7,217.17	7,240.17	7,240.17	44.88	251.03	68.05	208.40	-4,370.57	5,517.92	5,228.94	288.98	19.095		
7,900.00	7,225.83	7,248.83	7,248.83	45.17	251.33	74.67	208.40	-4,370.57	5,474.04	5,184.75	289.29	18.922		
7,950.00	7,230.77	7,253.77	7,253.77	45.50	251.51	82.61	208.40	-4,370.57	5,429.28	5,139.79	289.49	18.755		
7,985.49	7,232.00	7,255.00	7,255.00	45.75	251.55	88.99	208.40	-4,370.57	5,397.12	5,107.56	289.57	18.639		
8,000.00	7,232.12	7,255.12	7,255.12	45.86	251.55	88.99	208.40	-4,370.57	5,383.93	5,094.34	289.59	18.592		
8,100.00	7,232.93	7,255.93	7,255.93	46.71	251.58	89.01	208.40	-4,370.57	5,293.19	5,003.43	289.75	18.268		
8,200.00	7,233.74	7,256.74	7,256.74	47.73	251.61	89.03	208.40	-4,370.57	5,202.78	4,912.81	289.97	17.942		
8,300.00	7,234.54	7,257.54	7,257.54	48.94	251.64	89.05	208.40	-4,370.57	5,112.73	4,822.48	290.25	17.615		
8,400.00	7,235.35	7,258.35	7,258.35	50.32	251.67	89.07	208.40	-4,370.57	5,023.06	4,732.46	290.60	17.285		
8,500.00	7,236.16	7,259.16	7,259.16	51.86	251.69	89.09	208.40	-4,370.57	4,933.78	4,642.77	291.01	16.954		
8,600.00	7,236.97	7,259.97	7,259.97	53.54	251.72	89.11	208.40	-4,370.57	4,844.92	4,553.42	291.50	16.620		
8,700.00	7,237.77	7,260.77	7,260.77	55.33	251.75	89.13	208.40	-4,370.57	4,756.50	4,464.43	292.08	16.285		
8,800.00	7,238.58	7,261.58	7,261.58	57.24	251.78	89.15	208.40	-4,370.57	4,668.56	4,375.83	292.73	15.948		
8,900.00	7,239.39	7,262.39	7,262.39	59.24	251.81	89.18	208.40	-4,370.57	4,581.10	4,287.62	293.48	15.610		
9,000.00	7,240.20	7,263.20	7,263.20	61.31	251.83	89.20	208.40	-4,370.57	4,494.17	4,199.85	294.32	15.270		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,264.01	7,264.01	63.46	251.86	89.22	208.40	-4,370.57	4,407.80	4,112.53	295.26	14.928		
9,200.00	7,241.81	7,264.81	7,264.81	65.67	251.89	89.24	208.40	-4,370.57	4,322.01	4,025.70	296.31	14.586		
9,300.00	7,242.62	7,265.62	7,265.62	67.93	251.92	89.26	208.40	-4,370.57	4,236.84	3,939.37	297.47	14.243		
9,400.00	7,243.43	7,266.43	7,266.43	70.25	251.95	89.28	208.40	-4,370.57	4,152.34	3,853.60	298.74	13.900		
9,500.00	7,244.24	7,267.24	7,267.24	72.60	251.98	89.30	208.40	-4,370.57	4,068.53	3,768.41	300.13	13.556		
9,600.00	7,245.04	7,268.04	7,268.04	74.99	252.00	89.32	208.40	-4,370.57	3,985.48	3,683.84	301.64	13.213		
9,700.00	7,245.85	7,268.85	7,268.85	77.42	252.03	89.34	208.40	-4,370.57	3,903.22	3,599.94	303.28	12.870		
9,800.00	7,246.66	7,269.66	7,269.66	79.87	252.06	89.36	208.40	-4,370.57	3,821.80	3,516.75	305.05	12.528		
9,900.00	7,247.47	7,270.47	7,270.47	82.36	252.09	89.38	208.40	-4,370.57	3,741.29	3,434.33	306.96	12.188		
10,000.00	7,248.28	7,271.28	7,271.28	84.87	252.12	89.40	208.40	-4,370.57	3,661.74	3,352.73	309.00	11.850		
10,100.00	7,249.08	7,272.08	7,272.08	87.40	252.14	89.42	208.40	-4,370.57	3,583.21	3,272.02	311.19	11.514		
10,200.00	7,249.89	7,272.89	7,272.89	89.95	252.17	89.44	208.40	-4,370.57	3,505.77	3,192.25	313.52	11.182		
10,300.00	7,250.70	7,273.70	7,273.70	92.52	252.20	89.46	208.40	-4,370.57	3,429.51	3,113.50	316.00	10.853		
10,400.00	7,251.51	7,274.51	7,274.51	95.11	252.23	89.49	208.40	-4,370.57	3,354.48	3,035.85	318.63	10.528		
10,500.00	7,252.31	7,275.31	7,275.31	97.71	252.26	89.51	208.40	-4,370.57	3,280.80	2,959.38	321.42	10.207		
10,600.00	7,253.12	7,276.12	7,276.12	100.33	252.29	89.53	208.40	-4,370.57	3,208.53	2,884.18	324.35	9.892		
10,700.00	7,253.93	7,276.93	7,276.93	102.96	252.31	89.55	208.40	-4,370.57	3,137.79	2,810.35	327.45	9.583		
10,800.00	7,254.74	7,277.74	7,277.74	105.61	252.34	89.57	208.40	-4,370.57	3,068.68	2,737.99	330.69	9.280		
10,900.00	7,255.55	7,278.55	7,278.55	108.26	252.37	89.59	208.40	-4,370.57	3,001.31	2,667.21	334.10	8.983		
11,000.00	7,256.35	7,279.35	7,279.35	110.92	252.40	89.61	208.40	-4,370.57	2,935.80	2,598.15	337.65	8.695		
11,100.00	7,257.16	7,280.16	7,280.16	113.60	252.43	89.63	208.40	-4,370.57	2,872.28	2,530.92	341.36	8.414		
11,200.00	7,257.97	7,280.97	7,280.97	116.28	252.45	89.65	208.40	-4,370.57	2,810.87	2,465.67	345.20	8.143		
11,300.00	7,258.78	7,281.78	7,281.78	118.97	252.48	89.67	208.40	-4,370.57	2,751.74	2,402.55	349.19	7.880		
11,400.00	7,259.58	7,282.58	7,282.58	121.67	252.51	89.69	208.40	-4,370.57	2,695.02	2,341.71	353.30	7.628		
11,500.00	7,260.39	7,283.39	7,283.39	124.38	252.54	89.71	208.40	-4,370.57	2,640.86	2,283.33	357.53	7.386		
11,600.00	7,261.20	7,284.20	7,284.20	127.09	252.57	89.73	208.40	-4,370.57	2,589.44	2,227.58	361.86	7.156		
11,700.00	7,262.01	7,285.01	7,285.01	129.81	252.60	89.75	208.40	-4,370.57	2,540.92	2,174.64	366.28	6.937		
11,800.00	7,262.82	7,285.82	7,285.82	132.53	252.62	89.77	208.40	-4,370.57	2,495.46	2,124.70	370.76	6.731		
11,900.00	7,263.62	7,286.62	7,286.62	135.26	252.65	89.79	208.40	-4,370.57	2,453.23	2,077.96	375.27	6.537		
12,000.00	7,264.43	7,287.43	7,287.43	138.00	252.68	89.82	208.40	-4,370.57	2,414.41	2,034.61	379.80	6.357		
12,100.00	7,265.24	7,288.24	7,288.24	140.74	252.71	89.84	208.40	-4,370.57	2,379.16	1,994.85	384.31	6.191		
12,200.00	7,266.05	7,289.05	7,289.05	143.49	252.74	89.86	208.40	-4,370.57	2,347.65	1,958.88	388.77	6.039		
12,300.00	7,266.86	7,289.86	7,289.86	146.24	252.77	89.88	208.40	-4,370.57	2,320.02	1,926.87	393.15	5.901		
12,400.00	7,267.66	7,309.34	7,290.66	148.99	253.45	89.90	208.40	-4,370.57	2,296.42	1,898.36	398.06	5.769		
12,500.00	7,268.47	7,308.53	7,291.47	151.75	253.42	89.92	208.40	-4,370.57	2,276.96	1,874.86	402.10	5.663		
12,600.00	7,269.28	7,307.72	7,292.28	154.51	253.39	89.94	208.40	-4,370.57	2,261.77	1,855.81	405.96	5.571		
12,700.00	7,270.09	7,306.91	7,293.09	157.27	253.36	89.96	208.40	-4,370.57	2,250.92	1,841.33	409.58	5.496		
12,800.00	7,270.89	7,306.11	7,293.89	160.04	253.33	89.98	208.40	-4,370.57	2,244.47	1,831.52	412.96	5.435		
12,894.86	7,271.66	7,305.34	7,294.66	162.67	253.31	90.00	208.40	-4,370.57	2,242.47	1,826.57	415.90	5.392 CC		
12,900.00	7,271.70	7,305.30	7,294.70	162.81	253.30	90.00	208.40	-4,370.57	2,242.47	1,826.42	416.05	5.390		
13,000.00	7,272.51	7,304.49	7,295.51	165.58	253.28	90.02	208.40	-4,370.57	2,244.93	1,826.09	418.84	5.360 ES		
13,100.00	7,273.32	7,303.68	7,296.32	168.36	253.25	90.04	208.40	-4,370.57	2,251.83	1,830.52	421.31	5.345		
13,200.00	7,274.13	7,302.87	7,297.13	171.14	253.22	90.06	208.40	-4,370.57	2,263.13	1,839.67	423.46	5.344 SF		
13,300.00	7,274.93	7,302.07	7,297.93	173.92	253.19	90.08	208.40	-4,370.57	2,278.77	1,853.50	425.27	5.358		
13,400.00	7,275.74	7,301.26	7,298.74	176.71	253.16	90.10	208.40	-4,370.57	2,298.66	1,871.90	426.76	5.386		
13,500.00	7,276.55	7,300.45	7,299.55	179.49	253.14	90.12	208.40	-4,370.57	2,322.68	1,894.76	427.92	5.428		
13,555.88	7,277.00	7,300.00	7,300.00	181.05	253.12	90.14	208.40	-4,370.57	2,337.86	1,909.42	428.44	5.457		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-92.04	-319.69	-8,976.87	8,982.57					
100.00	100.00	132.00	132.00	3.28	4.35	-92.04	-319.69	-8,976.87	8,982.57	8,974.93	7.64	1,176.006		
200.00	200.00	232.00	232.00	3.34	7.15	-92.04	-319.69	-8,976.87	8,982.57	8,972.08	10.49	866.515		
300.00	299.98	331.98	331.98	3.44	10.38	122.01	-319.69	-8,976.87	8,983.49	8,969.67	13.82	650.224		
400.00	399.84	431.84	431.84	3.59	13.73	121.99	-319.69	-8,976.87	8,986.27	8,968.95	17.32	518.882		
500.00	499.45	531.45	531.45	3.79	17.12	121.96	-319.69	-8,976.87	8,990.90	8,969.98	20.92	429.876		
600.00	598.70	630.70	630.70	4.04	20.54	121.91	-319.69	-8,976.87	8,997.38	8,972.81	24.57	366.186		
700.00	697.47	729.47	729.47	4.32	23.95	121.86	-319.69	-8,976.87	9,005.71	8,977.45	28.27	318.617		
800.00	795.62	827.62	827.62	4.64	27.34	121.78	-319.69	-8,976.87	9,015.91	8,983.92	31.99	281.873		
900.00	893.06	925.06	925.06	5.01	30.72	121.70	-319.69	-8,976.87	9,027.97	8,992.24	35.72	252.721		
1,000.00	989.64	1,021.64	1,021.64	5.41	34.08	121.59	-319.69	-8,976.87	9,041.89	9,002.42	39.47	229.085		
1,100.00	1,085.27	1,117.27	1,117.27	5.85	37.40	121.47	-319.69	-8,976.87	9,057.68	9,014.46	43.22	209.573		
1,200.00	1,179.82	1,211.82	1,211.82	6.33	40.69	121.34	-319.69	-8,976.87	9,075.34	9,028.37	46.97	193.223		
1,300.00	1,273.78	1,305.78	1,305.78	6.85	43.96	121.51	-319.69	-8,976.87	9,093.98	9,043.26	50.72	179.285		
1,400.00	1,367.75	1,400.25	1,399.75	7.38	47.25	121.69	-319.69	-8,976.87	9,112.72	9,058.20	54.51	167.165		
1,500.00	1,461.72	1,506.28	1,493.72	7.93	50.94	121.86	-319.69	-8,976.87	9,131.54	9,072.82	58.72	155.505		
1,600.00	1,555.69	1,587.69	1,587.69	8.49	53.78	122.04	-319.69	-8,976.87	9,150.45	9,088.37	62.08	147.386		
1,700.00	1,649.66	1,681.66	1,681.66	9.07	57.06	122.21	-319.69	-8,976.87	9,169.45	9,103.56	65.90	139.152		
1,800.00	1,743.63	1,775.63	1,775.63	9.65	60.33	122.38	-319.69	-8,976.87	9,188.54	9,118.83	69.71	131.803		
1,900.00	1,837.60	1,869.60	1,869.60	10.24	63.61	122.55	-319.69	-8,976.87	9,207.72	9,134.18	73.54	125.208		
2,000.00	1,931.57	1,963.57	1,963.57	10.83	66.88	122.73	-319.69	-8,976.87	9,226.98	9,149.61	77.37	119.257		
2,100.00	2,025.54	2,057.54	2,057.54	11.43	70.16	122.90	-319.69	-8,976.87	9,246.33	9,165.12	81.21	113.862		
2,200.00	2,119.51	2,151.51	2,151.51	12.03	73.44	123.07	-319.69	-8,976.87	9,265.77	9,180.72	85.05	108.950		
2,300.00	2,213.48	2,245.48	2,245.48	12.64	76.71	123.24	-319.69	-8,976.87	9,285.29	9,196.40	88.89	104.460		
2,400.00	2,307.45	2,339.45	2,339.45	13.25	79.99	123.40	-319.69	-8,976.87	9,304.89	9,212.16	92.73	100.340		
2,500.00	2,401.42	2,433.42	2,433.42	13.87	83.27	123.57	-319.69	-8,976.87	9,324.58	9,228.00	96.58	96.547		
2,600.00	2,495.39	2,527.39	2,527.39	14.48	86.55	123.74	-319.69	-8,976.87	9,344.36	9,243.92	100.43	93.043		
2,700.00	2,589.35	2,621.35	2,621.35	15.10	89.83	123.91	-319.69	-8,976.87	9,364.21	9,259.93	104.28	89.798		
2,800.00	2,683.32	2,715.32	2,715.32	15.72	93.10	124.07	-319.69	-8,976.87	9,384.15	9,276.02	108.13	86.783		
2,900.00	2,777.29	2,809.29	2,809.29	16.34	96.38	124.24	-319.69	-8,976.87	9,404.17	9,292.19	111.99	83.976		
3,000.00	2,871.26	2,903.26	2,903.26	16.97	99.66	124.40	-319.69	-8,976.87	9,424.27	9,308.43	115.84	81.355		
3,100.00	2,965.23	3,002.77	2,997.23	17.59	103.13	124.57	-319.69	-8,976.87	9,444.46	9,324.57	119.89	78.777		
3,200.00	3,059.20	3,108.80	3,091.20	18.22	106.83	124.73	-319.69	-8,976.87	9,464.72	9,340.56	124.17	76.227		
3,300.00	3,153.17	3,185.17	3,185.17	18.84	109.50	124.89	-319.69	-8,976.87	9,485.07	9,357.66	127.41	74.447		
3,400.00	3,247.14	3,279.14	3,279.14	19.47	112.78	125.06	-319.69	-8,976.87	9,505.49	9,374.23	131.26	72.416		
3,500.00	3,341.11	3,373.11	3,373.11	20.10	116.06	125.22	-319.69	-8,976.87	9,526.00	9,390.88	135.12	70.500		
3,600.00	3,435.08	3,467.08	3,467.08	20.73	119.34	125.38	-319.69	-8,976.87	9,546.58	9,407.60	138.98	68.692		
3,700.00	3,529.05	3,561.05	3,561.05	21.36	122.61	125.54	-319.69	-8,976.87	9,567.24	9,424.40	142.83	66.982		
3,800.00	3,623.02	3,655.02	3,655.02	21.99	125.89	125.70	-319.69	-8,976.87	9,587.97	9,441.28	146.69	65.362		
3,900.00	3,716.99	3,748.99	3,748.99	22.62	129.17	125.86	-319.69	-8,976.87	9,608.79	9,458.24	150.55	63.826		
4,000.00	3,810.95	3,842.95	3,842.95	23.25	132.45	126.02	-319.69	-8,976.87	9,629.68	9,475.27	154.40	62.367		
4,100.00	3,904.92	3,936.92	3,936.92	23.88	135.73	126.18	-319.69	-8,976.87	9,650.64	9,492.38	158.26	60.980		
4,200.00	3,998.89	4,030.89	4,030.89	24.52	139.01	126.33	-319.69	-8,976.87	9,671.69	9,509.57	162.12	59.659		
4,300.00	4,092.86	4,124.86	4,124.86	25.15	142.29	126.49	-319.69	-8,976.87	9,692.80	9,526.83	165.97	58.400		
4,400.00	4,186.83	4,218.83	4,218.83	25.78	145.57	126.65	-319.69	-8,976.87	9,713.99	9,544.17	169.83	57.199		
4,500.00	4,280.80	4,312.80	4,312.80	26.42	148.85	126.80	-319.69	-8,976.87	9,735.26	9,561.58	173.68	56.052		
4,600.00	4,374.77	4,406.77	4,406.77	27.05	152.13	126.96	-319.69	-8,976.87	9,756.60	9,579.06	177.54	54.955		
4,700.00	4,468.74	4,500.74	4,500.74	27.68	155.41	127.11	-319.69	-8,976.87	9,778.01	9,596.62	181.39	53.905		
4,800.00	4,562.71	4,605.29	4,594.71	28.32	159.06	127.26	-319.69	-8,976.87	9,799.50	9,613.88	185.62	52.794		
4,900.00	4,656.68	4,688.68	4,688.68	28.95	161.97	127.42	-319.69	-8,976.87	9,821.05	9,631.95	189.10	51.935		
5,000.00	4,750.65	4,782.65	4,782.65	29.59	165.25	127.57	-319.69	-8,976.87	9,842.68	9,649.72	192.96	51.010		
5,100.00	4,844.62	4,876.62	4,876.62	30.23	168.53	127.72	-319.69	-8,976.87	9,864.38	9,667.57	196.81	50.121		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,970.59	4,970.59	30.86	171.81	127.87	-319.69	-8,976.87	9,886.15	9,685.49	200.66	49.267		
5,300.00	5,032.56	5,064.56	5,064.56	31.50	175.09	128.02	-319.69	-8,976.87	9,907.99	9,703.48	204.52	48.446		
5,400.00	5,126.52	5,158.52	5,158.52	32.13	178.37	128.17	-319.69	-8,976.87	9,929.90	9,721.53	208.37	47.655		
5,500.00	5,220.49	5,252.49	5,252.49	32.77	181.65	128.32	-319.69	-8,976.87	9,951.88	9,739.66	212.22	46.894		
5,600.00	5,314.46	5,346.46	5,346.46	33.41	184.93	128.47	-319.69	-8,976.87	9,973.93	9,757.86	216.07	46.160		
5,700.00	5,408.43	5,440.43	5,440.43	34.04	188.21	128.62	-319.69	-8,976.87	9,996.05	9,776.12	219.92	45.452		
7,650.00	7,146.77	7,178.77	7,178.77	44.00	248.89	36.23	-319.69	-8,976.87	9,994.36	9,705.66	288.69	34.619		
7,700.00	7,169.54	7,201.54	7,201.54	44.18	249.68	37.78	-319.69	-8,976.87	9,952.25	9,662.81	289.44	34.384		
7,750.00	7,188.94	7,220.94	7,220.94	44.38	250.36	40.25	-319.69	-8,976.87	9,908.29	9,618.21	290.07	34.158		
7,800.00	7,204.85	7,236.85	7,236.85	44.61	250.91	44.02	-319.69	-8,976.87	9,862.72	9,572.14	290.59	33.941		
7,850.00	7,217.17	7,249.17	7,249.17	44.88	251.34	49.80	-319.69	-8,976.87	9,815.85	9,524.86	290.98	33.734		
7,900.00	7,225.83	7,257.83	7,257.83	45.17	251.65	58.82	-319.69	-8,976.87	9,767.94	9,476.68	291.25	33.537		
7,950.00	7,230.77	7,262.77	7,262.77	45.50	251.82	73.09	-319.69	-8,976.87	9,719.29	9,427.88	291.41	33.353		
7,985.49	7,232.00	7,264.00	7,264.00	45.75	251.86	87.51	-319.69	-8,976.87	9,684.47	9,393.03	291.44	33.229		
8,000.00	7,232.12	7,264.12	7,264.12	45.86	251.87	87.51	-319.69	-8,976.87	9,670.21	9,378.76	291.45	33.180		
8,100.00	7,232.93	7,264.93	7,264.93	46.71	251.89	87.54	-319.69	-8,976.87	9,571.92	9,280.45	291.47	32.841		
8,200.00	7,233.74	7,265.74	7,265.74	47.73	251.92	87.57	-319.69	-8,976.87	9,473.66	9,182.17	291.49	32.500		
8,300.00	7,234.54	7,266.54	7,266.54	48.94	251.95	87.59	-319.69	-8,976.87	9,375.44	9,083.91	291.53	32.159		
8,400.00	7,235.35	7,267.35	7,267.35	50.32	251.98	87.62	-319.69	-8,976.87	9,277.26	8,985.68	291.58	31.817		
8,500.00	7,236.16	7,268.16	7,268.16	51.86	252.01	87.65	-319.69	-8,976.87	9,179.12	8,887.48	291.64	31.474		
8,600.00	7,236.97	7,268.97	7,268.97	53.54	252.04	87.67	-319.69	-8,976.87	9,081.02	8,789.31	291.71	31.130		
8,700.00	7,237.77	7,269.77	7,269.77	55.33	252.06	87.70	-319.69	-8,976.87	8,982.96	8,691.17	291.79	30.786		
8,800.00	7,238.58	7,270.58	7,270.58	57.24	252.09	87.72	-319.69	-8,976.87	8,884.94	8,593.06	291.88	30.440		
8,900.00	7,239.39	7,271.39	7,271.39	59.24	252.12	87.75	-319.69	-8,976.87	8,786.97	8,494.98	291.99	30.093		
9,000.00	7,240.20	7,272.20	7,272.20	61.31	252.15	87.78	-319.69	-8,976.87	8,689.05	8,396.93	292.11	29.745		
9,100.00	7,241.01	7,273.01	7,273.01	63.46	252.18	87.80	-319.69	-8,976.87	8,591.17	8,298.92	292.25	29.397		
9,200.00	7,241.81	7,273.81	7,273.81	65.67	252.21	87.83	-319.69	-8,976.87	8,493.34	8,200.94	292.40	29.047		
9,300.00	7,242.62	7,274.62	7,274.62	67.93	252.23	87.85	-319.69	-8,976.87	8,395.56	8,103.00	292.57	28.696		
9,400.00	7,243.43	7,275.43	7,275.43	70.25	252.26	87.88	-319.69	-8,976.87	8,297.84	8,005.09	292.75	28.344		
9,500.00	7,244.24	7,276.24	7,276.24	72.60	252.29	87.91	-319.69	-8,976.87	8,200.17	7,907.21	292.96	27.991		
9,600.00	7,245.04	7,277.04	7,277.04	74.99	252.32	87.93	-319.69	-8,976.87	8,102.56	7,809.38	293.18	27.637		
9,700.00	7,245.85	7,277.85	7,277.85	77.42	252.35	87.96	-319.69	-8,976.87	8,005.00	7,711.58	293.42	27.282		
9,800.00	7,246.66	7,278.66	7,278.66	79.87	252.37	87.98	-319.69	-8,976.87	7,907.51	7,613.83	293.68	26.925		
9,900.00	7,247.47	7,279.47	7,279.47	82.36	252.40	88.01	-319.69	-8,976.87	7,810.08	7,516.12	293.97	26.568		
10,000.00	7,248.28	7,280.28	7,280.28	84.87	252.43	88.04	-319.69	-8,976.87	7,712.72	7,418.44	294.27	26.209		
10,100.00	7,249.08	7,281.08	7,281.08	87.40	252.46	88.06	-319.69	-8,976.87	7,615.42	7,320.82	294.61	25.850		
10,200.00	7,249.89	7,281.89	7,281.89	89.95	252.49	88.09	-319.69	-8,976.87	7,518.20	7,223.24	294.96	25.489		
10,300.00	7,250.70	7,282.70	7,282.70	92.52	252.52	88.12	-319.69	-8,976.87	7,421.05	7,125.70	295.34	25.127		
10,400.00	7,251.51	7,283.51	7,283.51	95.11	252.54	88.14	-319.69	-8,976.87	7,323.97	7,028.22	295.76	24.764		
10,500.00	7,252.31	7,284.31	7,284.31	97.71	252.57	88.17	-319.69	-8,976.87	7,226.98	6,930.78	296.19	24.399		
10,600.00	7,253.12	7,285.12	7,285.12	100.33	252.60	88.19	-319.69	-8,976.87	7,130.07	6,833.40	296.66	24.034		
10,700.00	7,253.93	7,285.93	7,285.93	102.96	252.63	88.22	-319.69	-8,976.87	7,033.24	6,736.08	297.17	23.668		
10,800.00	7,254.74	7,286.74	7,286.74	105.61	252.66	88.25	-319.69	-8,976.87	6,936.51	6,638.81	297.70	23.300		
10,900.00	7,255.55	7,287.55	7,287.55	108.26	252.68	88.27	-319.69	-8,976.87	6,839.86	6,541.60	298.27	22.932		
11,000.00	7,256.35	7,288.35	7,288.35	110.92	252.71	88.30	-319.69	-8,976.87	6,743.32	6,444.45	298.87	22.563		
11,100.00	7,257.16	7,289.16	7,289.16	113.60	252.74	88.32	-319.69	-8,976.87	6,646.88	6,347.36	299.51	22.192		
11,200.00	7,257.97	7,289.97	7,289.97	116.28	252.77	88.35	-319.69	-8,976.87	6,550.54	6,250.35	300.20	21.821		
11,300.00	7,258.78	7,290.78	7,290.78	118.97	253.44	88.38	-319.69	-8,976.87	6,454.32	6,152.76	301.56	21.403		
11,400.00	7,259.58	7,291.58	7,291.58	121.67	253.41	88.40	-319.69	-8,976.87	6,358.21	6,055.94	302.27	21.035		
11,500.00	7,260.39	7,292.39	7,292.39	124.38	253.38	88.43	-319.69	-8,976.87	6,262.23	5,959.20	303.02	20.666		
11,600.00	7,261.20	7,293.20	7,293.20	127.09	253.36	88.46	-319.69	-8,976.87	6,166.37	5,862.55	303.82	20.296		
11,700.00	7,262.01	7,294.01	7,294.01	129.81	253.33	88.48	-319.69	-8,976.87	6,070.65	5,765.98	304.67	19.925		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - BLACK GOLD #5(PR) - OH - OH												<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
11,800.00	7,262.82	7,305.18	7,294.82	132.53	253.30	88.51	-319.69	-8,976.87	5,975.06	5,669.49	305.57	19.554	
11,900.00	7,263.62	7,304.38	7,295.62	135.26	253.27	88.53	-319.69	-8,976.87	5,879.62	5,573.10	306.52	19.182	
12,000.00	7,264.43	7,303.57	7,296.43	138.00	253.24	88.56	-319.69	-8,976.87	5,784.34	5,476.82	307.53	18.809	
12,100.00	7,265.24	7,302.76	7,297.24	140.74	253.22	88.59	-319.69	-8,976.87	5,689.22	5,380.63	308.59	18.436	
12,200.00	7,266.05	7,301.95	7,298.05	143.49	253.19	88.61	-319.69	-8,976.87	5,594.27	5,284.56	309.71	18.063	
12,300.00	7,266.86	7,301.15	7,298.86	146.24	253.16	88.64	-319.69	-8,976.87	5,499.49	5,188.60	310.90	17.689	
12,400.00	7,267.66	7,300.34	7,299.66	148.99	253.13	88.66	-319.69	-8,976.87	5,404.91	5,092.76	312.15	17.315	
12,500.00	7,268.47	7,300.47	7,300.47	151.75	253.14	88.69	-319.69	-8,976.87	5,310.52	4,997.03	313.50	16.940	
12,600.00	7,269.28	7,301.28	7,301.28	154.51	253.16	88.72	-319.69	-8,976.87	5,216.35	4,901.41	314.94	16.563	
12,700.00	7,270.09	7,302.09	7,302.09	157.27	253.19	88.74	-319.69	-8,976.87	5,122.39	4,805.93	316.46	16.187	
12,800.00	7,270.89	7,302.89	7,302.89	160.04	253.22	88.77	-319.69	-8,976.87	5,028.67	4,710.61	318.06	15.811	
12,900.00	7,271.70	7,303.70	7,303.70	162.81	253.25	88.79	-319.69	-8,976.87	4,935.19	4,615.45	319.73	15.435	
13,000.00	7,272.51	7,304.51	7,304.51	165.58	253.28	88.82	-319.69	-8,976.87	4,841.97	4,520.47	321.50	15.061	
13,100.00	7,273.32	7,305.32	7,305.32	168.36	253.30	88.85	-319.69	-8,976.87	4,749.03	4,425.68	323.35	14.687	
13,200.00	7,274.13	7,306.13	7,306.13	171.14	253.33	88.87	-319.69	-8,976.87	4,656.38	4,331.09	325.29	14.314	
13,300.00	7,274.93	7,306.93	7,306.93	173.92	253.36	88.90	-319.69	-8,976.87	4,564.04	4,236.71	327.33	13.943	
13,400.00	7,275.74	7,307.74	7,307.74	176.71	253.39	88.93	-319.69	-8,976.87	4,472.03	4,142.56	329.48	13.573	
13,500.00	7,276.55	7,308.55	7,308.55	179.49	253.42	88.95	-319.69	-8,976.87	4,380.38	4,048.65	331.73	13.205	
13,555.88	7,277.00	7,309.00	7,309.00	181.05	253.43	88.97	-319.69	-8,976.87	4,329.31	3,996.28	333.04	13.000 CC, ES, SF	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-96.50	-1,105.59	-9,701.09	9,763.88					
100.00	100.00	113.00	113.00	3.28	3.95	-96.50	-1,105.59	-9,701.09	9,763.88	9,756.65	7.23	1,349.758		
200.00	200.00	213.00	213.00	3.34	6.57	-96.50	-1,105.59	-9,701.09	9,763.88	9,753.98	9.91	985.752		
300.00	299.98	312.98	312.98	3.44	9.75	117.55	-1,105.59	-9,701.09	9,764.69	9,751.50	13.19	740.369		
400.00	399.84	412.84	412.84	3.59	13.08	117.53	-1,105.59	-9,701.09	9,767.11	9,750.44	16.68	585.728		
500.00	499.45	512.45	512.45	3.79	16.47	117.51	-1,105.59	-9,701.09	9,771.15	9,750.89	20.26	482.188		
600.00	598.70	611.70	611.70	4.04	19.88	117.47	-1,105.59	-9,701.09	9,776.81	9,752.89	23.92	408.803		
700.00	697.47	710.47	710.47	4.32	23.29	117.42	-1,105.59	-9,701.09	9,784.09	9,756.48	27.61	354.390		
800.00	795.62	808.62	808.62	4.64	26.69	117.36	-1,105.59	-9,701.09	9,793.00	9,761.67	31.33	312.591		
900.00	893.06	906.06	906.06	5.01	30.06	117.28	-1,105.59	-9,701.09	9,803.54	9,768.47	35.07	279.569		
1,000.00	989.64	1,002.64	1,002.64	5.41	33.42	117.20	-1,105.59	-9,701.09	9,815.71	9,776.89	38.82	252.883		
1,100.00	1,085.27	1,101.73	1,098.27	5.85	36.86	117.10	-1,105.59	-9,701.09	9,829.53	9,786.84	42.69	230.258		
1,200.00	1,179.82	1,207.18	1,192.82	6.33	40.53	116.98	-1,105.59	-9,701.09	9,844.99	9,798.17	46.82	210.262		
1,300.00	1,273.78	1,286.78	1,286.78	6.85	43.30	117.15	-1,105.59	-9,701.09	9,861.33	9,811.24	50.08	196.892		
1,400.00	1,367.75	1,380.75	1,380.75	7.38	46.57	117.31	-1,105.59	-9,701.09	9,877.76	9,823.89	53.87	183.378		
1,500.00	1,461.72	1,474.72	1,474.72	7.93	49.85	117.48	-1,105.59	-9,701.09	9,894.27	9,836.61	57.66	171.591		
1,600.00	1,555.69	1,568.69	1,568.69	8.49	53.12	117.65	-1,105.59	-9,701.09	9,910.88	9,849.41	61.47	161.229		
1,700.00	1,649.66	1,662.66	1,662.66	9.07	56.39	117.82	-1,105.59	-9,701.09	9,927.58	9,862.29	65.29	152.053		
1,800.00	1,743.63	1,756.63	1,756.63	9.65	59.67	117.98	-1,105.59	-9,701.09	9,944.37	9,875.25	69.12	143.875		
1,900.00	1,837.60	1,850.60	1,850.60	10.24	62.94	118.15	-1,105.59	-9,701.09	9,961.25	9,888.30	72.95	136.544		
2,000.00	1,931.57	1,944.57	1,944.57	10.83	66.22	118.31	-1,105.59	-9,701.09	9,978.22	9,901.43	76.79	129.936		
2,100.00	2,025.54	2,038.54	2,038.54	11.43	69.50	118.48	-1,105.59	-9,701.09	9,995.27	9,914.64	80.64	123.952		
8,300.00	7,234.54	7,247.54	7,247.54	48.94	251.29	85.37	-1,105.59	-9,701.09	9,989.89	9,698.37	291.51	34.269		
8,400.00	7,235.35	7,248.35	7,248.35	50.32	251.32	85.42	-1,105.59	-9,701.09	9,990.39	9,598.86	291.53	33.926		
8,500.00	7,236.16	7,249.16	7,249.16	51.86	251.34	85.47	-1,105.59	-9,701.09	9,990.90	9,499.35	291.55	33.582		
8,600.00	7,236.97	7,249.97	7,249.97	53.54	251.37	85.51	-1,105.59	-9,701.09	9,991.43	9,399.85	291.58	33.238		
8,700.00	7,237.77	7,250.77	7,250.77	55.33	251.40	85.56	-1,105.59	-9,701.09	9,991.96	9,300.35	291.61	32.893		
8,800.00	7,238.58	7,251.58	7,251.58	57.24	251.43	85.60	-1,105.59	-9,701.09	9,992.50	9,200.86	291.64	32.548		
8,900.00	7,239.39	7,252.39	7,252.39	59.24	251.46	85.65	-1,105.59	-9,701.09	9,993.06	9,101.38	291.68	32.203		
9,000.00	7,240.20	7,253.20	7,253.20	61.31	251.49	85.70	-1,105.59	-9,701.09	9,993.63	9,001.91	291.72	31.858		
9,100.00	7,241.01	7,254.01	7,254.01	63.46	251.51	85.74	-1,105.59	-9,701.09	9,994.21	8,902.45	291.77	31.512		
9,200.00	7,241.81	7,254.81	7,254.81	65.67	251.54	85.79	-1,105.59	-9,701.09	9,994.80	8,802.99	291.82	31.166		
9,300.00	7,242.62	7,255.62	7,255.62	67.93	251.57	85.84	-1,105.59	-9,701.09	9,995.41	8,703.54	291.87	30.820		
9,400.00	7,243.43	7,256.43	7,256.43	70.25	251.60	85.88	-1,105.59	-9,701.09	9,996.03	8,604.10	291.93	30.473		
9,500.00	7,244.24	7,257.24	7,257.24	72.60	251.63	85.93	-1,105.59	-9,701.09	9,996.67	8,504.67	291.99	30.126		
9,600.00	7,245.04	7,258.04	7,258.04	74.99	251.65	85.98	-1,105.59	-9,701.09	9,997.31	8,405.25	292.06	29.779		
9,700.00	7,245.85	7,258.85	7,258.85	77.42	251.68	86.02	-1,105.59	-9,701.09	9,997.98	8,305.84	292.14	29.431		
9,800.00	7,246.66	7,259.66	7,259.66	79.87	251.71	86.07	-1,105.59	-9,701.09	9,998.66	8,206.44	292.22	29.083		
9,900.00	7,247.47	7,260.47	7,260.47	82.36	251.74	86.11	-1,105.59	-9,701.09	9,999.35	8,107.04	292.31	28.734		
10,000.00	7,248.28	7,261.28	7,261.28	84.87	251.77	86.16	-1,105.59	-9,701.09	9,999.99	8,007.66	292.40	28.386		
10,100.00	7,249.08	7,262.08	7,262.08	87.40	251.80	86.21	-1,105.59	-9,701.09	9,999.79	7,908.29	292.51	28.036		
10,200.00	7,249.89	7,262.89	7,262.89	89.95	251.82	86.25	-1,105.59	-9,701.09	9,999.54	7,808.92	292.62	27.687		
10,300.00	7,250.70	7,263.70	7,263.70	92.52	251.85	86.30	-1,105.59	-9,701.09	9,999.25	7,709.57	292.73	27.337		
10,400.00	7,251.51	7,264.51	7,264.51	95.11	251.88	86.35	-1,105.59	-9,701.09	9,998.92	7,610.23	292.86	26.986		
10,500.00	7,252.31	7,265.31	7,265.31	97.71	251.91	86.39	-1,105.59	-9,701.09	9,998.56	7,510.90	292.99	26.635		
10,600.00	7,253.12	7,266.12	7,266.12	100.33	251.94	86.44	-1,105.59	-9,701.09	9,998.17	7,411.58	293.14	26.284		
10,700.00	7,253.93	7,266.93	7,266.93	102.96	251.96	86.49	-1,105.59	-9,701.09	9,997.75	7,312.28	293.29	25.932		
10,800.00	7,254.74	7,267.74	7,267.74	105.61	251.99	86.53	-1,105.59	-9,701.09	9,997.31	7,212.98	293.45	25.580		
10,900.00	7,255.55	7,268.55	7,268.55	108.26	252.02	86.58	-1,105.59	-9,701.09	9,996.85	7,113.70	293.63	25.227		
11,000.00	7,256.35	7,269.35	7,269.35	110.92	252.05	86.63	-1,105.59	-9,701.09	9,996.37	7,014.43	293.81	24.874		
11,100.00	7,257.16	7,270.16	7,270.16	113.60	252.08	86.67	-1,105.59	-9,701.09	9,995.88	6,915.17	294.01	24.520		
11,200.00	7,257.97	7,270.97	7,270.97	116.28	252.11	86.72	-1,105.59	-9,701.09	9,995.38	6,815.93	294.22	24.166		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,258.78	7,271.78	7,271.78	118.97	252.13	86.77	-1,105.59	-9,701.09	7,011.15	6,716.70	294.44	23.812		
11,400.00	7,259.58	7,272.58	7,272.58	121.67	252.16	86.81	-1,105.59	-9,701.09	6,912.17	6,617.49	294.68	23.456		
11,500.00	7,260.39	7,273.39	7,273.39	124.38	252.19	86.86	-1,105.59	-9,701.09	6,813.22	6,518.29	294.93	23.101		
11,600.00	7,261.20	7,274.20	7,274.20	127.09	252.22	86.91	-1,105.59	-9,701.09	6,714.31	6,419.11	295.20	22.745		
11,700.00	7,262.01	7,275.01	7,275.01	129.81	252.25	86.95	-1,105.59	-9,701.09	6,615.43	6,319.94	295.49	22.388		
11,800.00	7,262.82	7,275.82	7,275.82	132.53	252.28	87.00	-1,105.59	-9,701.09	6,516.58	6,220.79	295.79	22.031		
11,900.00	7,263.62	7,276.62	7,276.62	135.26	252.30	87.04	-1,105.59	-9,701.09	6,417.77	6,121.65	296.11	21.673		
12,000.00	7,264.43	7,277.43	7,277.43	138.00	252.33	87.09	-1,105.59	-9,701.09	6,318.99	6,022.53	296.45	21.315		
12,100.00	7,265.24	7,278.24	7,278.24	140.74	252.36	87.14	-1,105.59	-9,701.09	6,220.25	5,923.43	296.82	20.956		
12,200.00	7,266.05	7,279.05	7,279.05	143.49	252.39	87.18	-1,105.59	-9,701.09	6,121.56	5,824.35	297.20	20.597		
12,300.00	7,266.86	7,279.86	7,279.86	146.24	252.42	87.23	-1,105.59	-9,701.09	6,022.90	5,725.29	297.61	20.237		
12,400.00	7,267.66	7,280.66	7,280.66	148.99	252.44	87.28	-1,105.59	-9,701.09	5,924.30	5,626.25	298.05	19.877		
12,500.00	7,268.47	7,281.47	7,281.47	151.75	252.47	87.32	-1,105.59	-9,701.09	5,825.74	5,527.23	298.51	19.516		
12,600.00	7,269.28	7,282.28	7,282.28	154.51	252.50	87.37	-1,105.59	-9,701.09	5,727.22	5,428.23	299.00	19.155		
12,700.00	7,270.09	7,283.09	7,283.09	157.27	252.53	87.42	-1,105.59	-9,701.09	5,628.77	5,329.25	299.52	18.793		
12,800.00	7,270.89	7,283.89	7,283.89	160.04	252.56	87.46	-1,105.59	-9,701.09	5,530.36	5,230.29	300.07	18.430		
12,900.00	7,271.70	7,284.70	7,284.70	162.81	252.59	87.51	-1,105.59	-9,701.09	5,432.02	5,131.36	300.65	18.067		
13,000.00	7,272.51	7,285.51	7,285.51	165.58	252.61	87.56	-1,105.59	-9,701.09	5,333.73	5,032.46	301.27	17.704		
13,100.00	7,273.32	7,286.32	7,286.32	168.36	252.64	87.60	-1,105.59	-9,701.09	5,235.52	4,933.58	301.93	17.340		
13,200.00	7,274.13	7,287.13	7,287.13	171.14	252.67	87.65	-1,105.59	-9,701.09	5,137.37	4,834.73	302.63	16.976		
13,300.00	7,274.93	7,287.93	7,287.93	173.92	252.70	87.70	-1,105.59	-9,701.09	5,039.29	4,735.91	303.38	16.611		
13,400.00	7,275.74	7,288.74	7,288.74	176.71	252.73	87.74	-1,105.59	-9,701.09	4,941.29	4,637.12	304.17	16.245		
13,500.00	7,276.55	7,289.55	7,289.55	179.49	252.75	87.79	-1,105.59	-9,701.09	4,843.37	4,538.37	305.00	15.880		
13,555.88	7,277.00	7,310.00	7,290.00	181.05	253.47	87.82	-1,105.59	-9,701.09	4,788.68	4,482.49	306.19	15.639 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	23.84	23.84	3.28	3.28	-88.76	209.93	-9,700.57	9,702.84					
100.00	100.00	115.41	115.41	3.28	3.29	-88.76	210.11	-9,700.63	9,702.91	9,696.33	6.58	1,475.360		
200.00	200.00	206.55	206.55	3.34	3.35	-88.76	210.49	-9,700.76	9,703.06	9,696.38	6.68	1,451.498		
300.00	299.98	298.48	298.48	3.44	3.45	125.29	210.89	-9,700.97	9,704.31	9,697.42	6.89	1,408.800		
400.00	399.84	418.22	418.22	3.59	3.64	125.27	211.13	-9,701.18	9,707.51	9,700.28	7.23	1,342.651		
500.00	499.45	521.64	521.64	3.79	3.85	125.23	211.03	-9,701.22	9,712.60	9,704.96	7.64	1,270.967		
600.00	598.70	616.27	616.27	4.04	4.08	125.16	210.92	-9,701.30	9,719.74	9,711.62	8.11	1,198.135		
700.00	697.47	736.98	736.97	4.32	4.40	125.11	211.00	-9,701.28	9,728.80	9,720.07	8.72	1,115.415		
800.00	795.62	849.85	849.84	4.64	4.74	125.03	210.98	-9,701.00	9,739.65	9,730.27	9.38	1,038.544		
900.00	893.06	930.72	930.72	5.01	4.99	124.91	210.76	-9,700.80	9,752.51	9,742.53	9.99	976.286		
1,000.00	989.64	1,000.00	1,000.00	5.41	5.22	124.74	210.55	-9,700.86	9,767.71	9,757.10	10.61	920.973		
1,100.00	1,085.27	1,100.00	1,099.20	5.85	5.56	124.59	210.15	-9,701.00	9,784.97	9,773.60	11.37	860.787		
1,200.00	1,179.82	1,165.71	1,165.70	6.33	5.79	124.37	209.79	-9,701.13	9,804.32	9,792.27	12.05	813.562		
1,300.00	1,273.78	1,258.86	1,258.85	6.85	6.12	124.52	209.21	-9,701.65	9,825.01	9,812.15	12.86	763.848		
1,400.00	1,367.75	1,351.71	1,351.70	7.38	6.46	124.68	208.61	-9,701.99	9,845.61	9,831.91	13.70	718.891		
1,500.00	1,461.72	1,424.68	1,424.67	7.93	6.73	124.80	208.29	-9,702.40	9,866.46	9,851.99	14.47	681.698		
1,600.00	1,555.69	1,502.43	1,502.41	8.49	7.02	124.92	207.88	-9,702.98	9,887.57	9,872.28	15.28	646.919		
1,700.00	1,649.66	1,592.80	1,592.78	9.07	7.37	125.07	207.42	-9,703.74	9,908.84	9,892.68	16.16	613.296		
1,800.00	1,743.63	1,692.40	1,692.38	9.65	7.75	125.23	207.08	-9,704.57	9,930.17	9,913.09	17.08	581.473		
1,900.00	1,837.60	1,790.67	1,790.64	10.24	8.13	125.39	206.91	-9,705.32	9,951.53	9,933.52	18.00	552.747		
2,000.00	1,931.57	1,858.36	1,858.33	10.83	8.40	125.50	206.91	-9,705.89	9,973.05	9,954.23	18.81	530.083		
2,100.00	2,025.54	1,925.02	1,924.98	11.43	8.66	125.61	207.00	-9,706.65	9,994.91	9,975.29	19.63	509.287		
8,600.00	7,236.97	7,209.69	7,209.33	53.54	30.82	86.77	234.54	-9,739.82	9,940.97	9,870.67	70.29	141.422		
8,700.00	7,237.77	7,210.92	7,210.55	55.33	30.82	86.80	234.55	-9,739.83	9,843.79	9,773.40	70.39	139.846		
8,800.00	7,238.58	7,212.15	7,211.78	57.24	30.83	86.83	234.55	-9,739.83	9,746.68	9,676.18	70.50	138.242		
8,900.00	7,239.39	7,213.38	7,213.01	59.24	30.84	86.86	234.56	-9,739.84	9,649.63	9,578.99	70.64	136.608		
9,000.00	7,240.20	7,214.61	7,214.24	61.31	30.84	86.89	234.57	-9,739.84	9,552.63	9,481.84	70.79	134.944		
9,100.00	7,241.01	7,215.84	7,215.47	63.46	30.85	86.92	234.57	-9,739.85	9,455.70	9,384.74	70.96	133.251		
9,200.00	7,241.81	7,217.06	7,216.70	65.67	30.85	86.95	234.58	-9,739.85	9,358.83	9,287.68	71.15	131.529		
9,300.00	7,242.62	7,218.29	7,217.92	67.93	30.86	86.98	234.59	-9,739.86	9,262.03	9,190.66	71.37	129.777		
9,400.00	7,243.43	7,219.52	7,219.15	70.25	30.86	87.01	234.60	-9,739.86	9,165.30	9,093.69	71.61	127.997		
9,500.00	7,244.24	7,220.75	7,220.38	72.60	30.87	87.04	234.60	-9,739.87	9,068.63	8,996.77	71.87	126.187		
9,600.00	7,245.04	7,221.98	7,221.61	74.99	30.87	87.07	234.61	-9,739.88	8,972.05	8,899.89	72.15	124.350		
9,700.00	7,245.85	7,223.21	7,222.84	77.42	30.88	87.10	234.62	-9,739.88	8,875.53	8,803.07	72.46	122.485		
9,800.00	7,246.66	7,224.43	7,224.07	79.87	30.88	87.13	234.62	-9,739.89	8,779.10	8,706.30	72.80	120.593		
9,900.00	7,247.47	7,225.66	7,225.29	82.36	30.89	87.16	234.63	-9,739.89	8,682.74	8,609.58	73.16	118.675		
10,000.00	7,248.28	7,226.89	7,226.52	84.87	30.89	87.19	234.64	-9,739.90	8,586.47	8,512.91	73.56	116.733		
10,100.00	7,249.08	7,228.12	7,227.75	87.40	30.90	87.22	234.64	-9,739.90	8,490.28	8,416.30	73.98	114.766		
10,200.00	7,249.89	7,229.35	7,228.98	89.95	30.90	87.25	234.65	-9,739.91	8,394.18	8,319.75	74.43	112.777		
10,300.00	7,250.70	7,230.58	7,230.21	92.52	30.91	87.28	234.66	-9,739.91	8,298.18	8,223.26	74.92	110.766		
10,400.00	7,251.51	7,231.80	7,231.44	95.11	30.91	87.31	234.66	-9,739.92	8,202.27	8,126.83	75.43	108.735		
10,500.00	7,252.31	7,233.03	7,232.66	97.71	30.92	87.34	234.67	-9,739.92	8,106.46	8,030.47	75.98	106.686		
10,600.00	7,253.12	7,234.26	7,233.89	100.33	30.92	87.37	234.68	-9,739.93	8,010.75	7,934.18	76.57	104.620		
10,700.00	7,253.93	7,235.49	7,235.12	102.96	30.93	87.40	234.68	-9,739.93	7,915.14	7,837.95	77.19	102.539		
10,800.00	7,254.74	7,236.72	7,236.35	105.61	30.93	87.43	234.69	-9,739.94	7,819.65	7,741.80	77.85	100.445		
10,900.00	7,255.55	7,237.95	7,237.58	108.26	30.94	87.46	234.70	-9,739.94	7,724.27	7,645.72	78.55	98.340		
11,000.00	7,256.35	7,239.17	7,238.81	110.92	30.95	87.49	234.70	-9,739.95	7,629.01	7,549.73	79.28	96.226		
11,100.00	7,257.16	7,240.40	7,240.03	113.60	30.95	87.52	234.71	-9,739.95	7,533.87	7,453.81	80.06	94.104		
11,200.00	7,257.97	7,241.63	7,241.26	116.28	30.96	87.55	234.72	-9,739.96	7,438.86	7,357.98	80.88	91.977		
11,300.00	7,258.78	7,242.86	7,242.49	118.97	30.96	87.58	234.72	-9,739.96	7,343.98	7,262.24	81.74	89.847		
11,400.00	7,259.58	7,244.09	7,243.72	121.67	30.97	87.61	234.73	-9,739.97	7,249.24	7,166.59	82.64	87.716		
11,500.00	7,260.39	7,245.32	7,244.95	124.38	30.97	87.64	234.74	-9,739.97	7,154.64	7,071.04	83.60	85.586		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
11,600.00	7,261.20	7,246.54	7,246.18	127.09	30.98	87.67	234.74	-9,739.98	7,060.19	6,975.59	84.59	83.460		
11,700.00	7,262.01	7,247.77	7,247.40	129.81	30.98	87.70	234.75	-9,739.99	6,965.89	6,880.25	85.64	81.339		
11,800.00	7,262.82	7,249.00	7,248.63	132.53	30.99	87.73	234.76	-9,739.99	6,871.76	6,785.02	86.74	79.225		
11,900.00	7,263.62	7,250.23	7,249.86	135.26	30.99	87.76	234.76	-9,740.00	6,777.79	6,689.91	87.89	77.121		
12,000.00	7,264.43	7,251.46	7,251.09	138.00	31.00	87.79	234.77	-9,740.00	6,684.00	6,594.91	89.09	75.029		
12,100.00	7,265.24	7,252.69	7,252.32	140.74	31.00	87.82	234.78	-9,740.01	6,590.39	6,500.05	90.34	72.950		
12,200.00	7,266.05	7,253.91	7,253.55	143.49	31.01	87.85	234.79	-9,740.01	6,496.97	6,405.32	91.65	70.887		
12,300.00	7,266.86	7,255.14	7,254.77	146.24	31.01	87.88	234.79	-9,740.02	6,403.75	6,310.73	93.02	68.841		
12,400.00	7,267.66	7,256.37	7,256.00	148.99	31.02	87.91	234.80	-9,740.02	6,310.74	6,216.29	94.45	66.815		
12,500.00	7,268.47	7,257.60	7,257.23	151.75	31.02	87.94	234.81	-9,740.03	6,217.94	6,122.00	95.94	64.810		
12,600.00	7,269.28	7,258.83	7,258.46	154.51	31.03	87.97	234.81	-9,740.03	6,125.37	6,027.87	97.50	62.827		
12,700.00	7,270.09	7,260.06	7,259.69	157.27	31.03	88.00	234.82	-9,740.04	6,033.04	5,933.92	99.12	60.869		
12,800.00	7,270.89	7,261.28	7,260.92	160.04	31.04	88.03	234.83	-9,740.04	5,940.95	5,840.15	100.80	58.936		
12,900.00	7,271.70	7,262.51	7,262.14	162.81	31.04	88.06	234.83	-9,740.05	5,849.12	5,746.56	102.56	57.030		
13,000.00	7,272.51	7,263.74	7,263.37	165.58	31.05	88.09	234.84	-9,740.05	5,757.57	5,653.18	104.39	55.153		
13,100.00	7,273.32	7,264.97	7,264.60	168.36	31.06	88.12	234.85	-9,740.06	5,666.30	5,560.00	106.30	53.306		
13,200.00	7,274.13	7,266.20	7,265.83	171.14	31.06	88.15	234.85	-9,740.06	5,575.33	5,467.05	108.28	51.489		
13,300.00	7,274.93	7,267.43	7,267.06	173.92	31.07	88.18	234.86	-9,740.07	5,484.68	5,374.33	110.34	49.705		
13,400.00	7,275.74	7,268.65	7,268.29	176.71	31.07	88.21	234.87	-9,740.07	5,394.35	5,281.86	112.49	47.953		
13,500.00	7,276.55	7,269.88	7,269.51	179.49	31.08	88.24	234.87	-9,740.08	5,304.37	5,189.65	114.73	46.236		
13,555.88	7,277.00	7,270.57	7,270.20	181.05	31.08	88.26	234.88	-9,740.08	5,254.25	5,138.24	116.01	45.291	CC, ES, SF	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-97.38	-1,106.02	-8,542.47	8,613.77					
100.00	100.00	114.00	114.00	3.28	3.97	-97.38	-1,106.02	-8,542.47	8,613.77	8,606.52	7.25	1,187.558		
200.00	200.00	214.00	214.00	3.34	6.60	-97.38	-1,106.02	-8,542.47	8,613.77	8,603.84	9.94	866.989		
300.00	299.98	313.98	313.98	3.44	9.78	116.67	-1,106.02	-8,542.47	8,614.56	8,601.34	13.22	651.541		
400.00	399.84	413.84	413.84	3.59	13.12	116.66	-1,106.02	-8,542.47	8,616.91	8,600.20	16.71	515.707		
500.00	499.45	513.45	513.45	3.79	16.51	116.64	-1,106.02	-8,542.47	8,620.83	8,600.53	20.30	424.706		
600.00	598.70	612.70	612.70	4.04	19.92	116.62	-1,106.02	-8,542.47	8,626.33	8,602.38	23.95	360.180		
700.00	697.47	711.47	711.47	4.32	23.32	116.58	-1,106.02	-8,542.47	8,633.40	8,605.76	27.64	312.320		
800.00	795.62	809.62	809.62	4.64	26.72	116.54	-1,106.02	-8,542.47	8,642.06	8,610.70	31.36	275.547		
900.00	893.06	907.06	907.06	5.01	30.10	116.49	-1,106.02	-8,542.47	8,652.32	8,617.21	35.10	246.493		
1,000.00	989.64	1,003.64	1,003.64	5.41	33.45	116.42	-1,106.02	-8,542.47	8,664.17	8,625.32	38.85	223.011		
1,100.00	1,085.27	1,100.73	1,099.27	5.85	36.83	116.34	-1,106.02	-8,542.47	8,677.63	8,634.98	42.66	203.433		
1,200.00	1,179.82	1,206.18	1,193.82	6.33	40.50	116.25	-1,106.02	-8,542.47	8,692.71	8,645.92	46.79	185.781		
1,300.00	1,273.78	1,287.78	1,287.78	6.85	43.34	116.45	-1,106.02	-8,542.47	8,708.66	8,658.54	50.12	173.746		
1,400.00	1,367.75	1,381.75	1,381.75	7.38	46.61	116.64	-1,106.02	-8,542.47	8,724.72	8,670.81	53.90	161.854		
1,500.00	1,461.72	1,475.72	1,475.72	7.93	49.88	116.83	-1,106.02	-8,542.47	8,740.87	8,683.17	57.70	151.482		
1,600.00	1,555.69	1,569.69	1,569.69	8.49	53.15	117.02	-1,106.02	-8,542.47	8,757.14	8,695.62	61.51	142.364		
1,700.00	1,649.66	1,663.66	1,663.66	9.07	56.43	117.21	-1,106.02	-8,542.47	8,773.50	8,708.17	65.33	134.290		
1,800.00	1,743.63	1,757.63	1,757.63	9.65	59.70	117.40	-1,106.02	-8,542.47	8,789.97	8,720.81	69.16	127.094		
1,900.00	1,837.60	1,851.60	1,851.60	10.24	62.98	117.59	-1,106.02	-8,542.47	8,806.54	8,733.54	73.00	120.643		
2,000.00	1,931.57	1,945.57	1,945.57	10.83	66.26	117.77	-1,106.02	-8,542.47	8,823.21	8,746.37	76.84	114.829		
2,100.00	2,025.54	2,039.54	2,039.54	11.43	69.53	117.96	-1,106.02	-8,542.47	8,839.98	8,759.30	80.68	109.563		
2,200.00	2,119.51	2,133.51	2,133.51	12.03	72.81	118.15	-1,106.02	-8,542.47	8,856.85	8,772.32	84.53	104.773		
2,300.00	2,213.48	2,227.48	2,227.48	12.64	76.09	118.33	-1,106.02	-8,542.47	8,873.83	8,785.44	88.39	100.398		
2,400.00	2,307.45	2,321.45	2,321.45	13.25	79.36	118.52	-1,106.02	-8,542.47	8,890.90	8,798.66	92.24	96.387		
2,500.00	2,401.42	2,415.42	2,415.42	13.87	82.64	118.70	-1,106.02	-8,542.47	8,908.07	8,811.97	96.10	92.696		
2,600.00	2,495.39	2,509.39	2,509.39	14.48	85.92	118.89	-1,106.02	-8,542.47	8,925.33	8,825.38	99.96	89.290		
2,700.00	2,589.35	2,603.35	2,603.35	15.10	89.20	119.07	-1,106.02	-8,542.47	8,942.70	8,838.88	103.82	86.136		
2,800.00	2,683.32	2,702.68	2,697.32	15.72	92.66	119.25	-1,106.02	-8,542.47	8,960.16	8,852.29	107.87	83.065		
2,900.00	2,777.29	2,808.71	2,791.29	16.34	96.36	119.43	-1,106.02	-8,542.47	8,977.72	8,865.57	112.15	80.048		
3,000.00	2,871.26	2,885.26	2,885.26	16.97	99.03	119.61	-1,106.02	-8,542.47	8,995.37	8,879.96	115.41	77.942		
3,100.00	2,965.23	2,979.23	2,979.23	17.59	102.31	119.80	-1,106.02	-8,542.47	9,013.12	8,893.85	119.28	75.566		
3,200.00	3,059.20	3,073.20	3,073.20	18.22	105.59	119.97	-1,106.02	-8,542.47	9,030.97	8,907.83	123.14	73.338		
3,300.00	3,153.17	3,167.17	3,167.17	18.84	108.87	120.15	-1,106.02	-8,542.47	9,048.91	8,921.90	127.01	71.247		
3,400.00	3,247.14	3,261.14	3,261.14	19.47	112.15	120.33	-1,106.02	-8,542.47	9,066.94	8,936.06	130.87	69.280		
3,500.00	3,341.11	3,355.11	3,355.11	20.10	115.43	120.51	-1,106.02	-8,542.47	9,085.06	8,950.32	134.74	67.426		
3,600.00	3,435.08	3,449.08	3,449.08	20.73	118.71	120.69	-1,106.02	-8,542.47	9,103.28	8,964.67	138.61	65.677		
3,700.00	3,529.05	3,543.05	3,543.05	21.36	121.99	120.86	-1,106.02	-8,542.47	9,121.59	8,979.12	142.47	64.023		
3,800.00	3,623.02	3,637.02	3,637.02	21.99	125.27	121.04	-1,106.02	-8,542.47	9,139.99	8,993.65	146.34	62.457		
3,900.00	3,716.99	3,730.99	3,730.99	22.62	128.55	121.22	-1,106.02	-8,542.47	9,158.48	9,008.27	150.21	60.972		
4,000.00	3,810.95	3,824.95	3,824.95	23.25	131.82	121.39	-1,106.02	-8,542.47	9,177.06	9,022.99	154.07	59.563		
4,100.00	3,904.92	3,918.92	3,918.92	23.88	135.10	121.56	-1,106.02	-8,542.47	9,195.73	9,037.79	157.94	58.223		
4,200.00	3,998.89	4,012.89	4,012.89	24.52	138.38	121.74	-1,106.02	-8,542.47	9,214.49	9,052.69	161.81	56.947		
4,300.00	4,092.86	4,106.86	4,106.86	25.15	141.66	121.91	-1,106.02	-8,542.47	9,233.34	9,067.67	165.67	55.732		
4,400.00	4,186.83	4,200.83	4,200.83	25.78	144.94	122.08	-1,106.02	-8,542.47	9,252.28	9,082.74	169.54	54.573		
4,500.00	4,280.80	4,305.20	4,294.80	26.42	148.59	122.25	-1,106.02	-8,542.47	9,271.30	9,097.54	173.77	53.355		
4,600.00	4,374.77	4,388.77	4,388.77	27.05	151.50	122.42	-1,106.02	-8,542.47	9,290.41	9,113.14	177.27	52.408		
4,700.00	4,468.74	4,482.74	4,482.74	27.68	154.78	122.59	-1,106.02	-8,542.47	9,309.61	9,128.48	181.13	51.396		
4,800.00	4,562.71	4,576.71	4,576.71	28.32	158.06	122.76	-1,106.02	-8,542.47	9,328.89	9,143.90	185.00	50.427		
4,900.00	4,656.68	4,670.68	4,670.68	28.95	161.34	122.93	-1,106.02	-8,542.47	9,348.26	9,159.40	188.86	49.498		
5,000.00	4,750.65	4,764.65	4,764.65	29.59	164.62	123.10	-1,106.02	-8,542.47	9,367.72	9,174.99	192.73	48.606		
5,100.00	4,844.62	4,858.62	4,858.62	30.23	167.90	123.27	-1,106.02	-8,542.47	9,387.26	9,190.67	196.59	47.751		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,952.59	4,952.59	30.86	171.18	123.44	-1,106.02	-8,542.47	9,406.88	9,206.42	200.45	46.928		
5,300.00	5,032.56	5,046.56	5,046.56	31.50	174.46	123.60	-1,106.02	-8,542.47	9,426.58	9,222.27	204.31	46.138		
5,400.00	5,126.52	5,140.52	5,140.52	32.13	177.74	123.77	-1,106.02	-8,542.47	9,446.37	9,238.19	208.18	45.377		
5,500.00	5,220.49	5,234.49	5,234.49	32.77	181.02	123.93	-1,106.02	-8,542.47	9,466.24	9,254.20	212.04	44.644		
5,600.00	5,314.46	5,328.46	5,328.46	33.41	184.30	124.10	-1,106.02	-8,542.47	9,486.19	9,270.29	215.90	43.938		
5,700.00	5,408.43	5,422.43	5,422.43	34.04	187.58	124.26	-1,106.02	-8,542.47	9,506.22	9,286.46	219.76	43.257		
5,800.00	5,502.40	5,516.40	5,516.40	34.68	190.86	124.42	-1,106.02	-8,542.47	9,526.34	9,302.72	223.62	42.601		
5,900.00	5,596.37	5,610.37	5,610.37	35.32	194.14	124.59	-1,106.02	-8,542.47	9,546.53	9,319.05	227.48	41.967		
6,000.00	5,690.34	5,704.34	5,704.34	35.96	197.42	124.75	-1,106.02	-8,542.47	9,566.80	9,335.47	231.34	41.354		
6,100.00	5,784.31	5,801.69	5,798.31	36.59	200.82	124.91	-1,106.02	-8,542.47	9,587.16	9,351.84	235.31	40.742		
6,200.00	5,878.28	5,907.72	5,892.28	37.23	204.52	125.07	-1,106.02	-8,542.47	9,607.59	9,367.99	239.59	40.100		
6,300.00	5,972.25	5,986.25	5,986.25	37.87	207.26	125.23	-1,106.02	-8,542.47	9,628.10	9,385.19	242.91	39.636		
6,400.00	6,066.22	6,080.22	6,080.22	38.51	210.54	125.39	-1,106.02	-8,542.47	9,648.68	9,401.92	246.77	39.100		
6,500.00	6,160.19	6,174.19	6,174.19	39.14	213.82	125.55	-1,106.02	-8,542.47	9,669.35	9,418.72	250.62	38.581		
6,600.00	6,254.16	6,268.16	6,268.16	39.78	217.10	125.71	-1,106.02	-8,542.47	9,690.09	9,435.61	254.48	38.078		
6,700.00	6,348.13	6,362.13	6,362.13	40.42	220.38	125.86	-1,106.02	-8,542.47	9,710.90	9,452.57	258.33	37.590		
6,800.00	6,442.09	6,456.09	6,456.09	41.06	223.66	126.02	-1,106.02	-8,542.47	9,731.80	9,469.61	262.19	37.117		
6,869.92	6,507.80	6,521.80	6,521.80	41.51	225.95	126.13	-1,106.02	-8,542.47	9,746.45	9,481.57	264.88	36.795		
6,900.00	6,536.18	6,550.18	6,550.18	41.69	226.95	119.36	-1,106.02	-8,542.47	9,752.07	9,486.03	266.04	36.656		
6,950.00	6,583.76	6,602.24	6,597.76	41.98	228.76	106.22	-1,106.02	-8,542.47	9,758.33	9,490.20	268.13	36.394		
7,000.00	6,631.58	6,645.58	6,645.58	42.23	230.28	91.64	-1,106.02	-8,542.47	9,760.71	9,490.82	269.89	36.165		
7,050.00	6,679.34	6,706.66	6,693.34	42.44	232.41	77.45	-1,106.02	-8,542.47	9,759.20	9,486.96	272.24	35.848		
7,100.00	6,726.76	6,740.76	6,740.76	42.62	233.60	65.22	-1,106.02	-8,542.47	9,753.81	9,480.19	273.62	35.648		
7,150.00	6,773.53	6,787.53	6,787.53	42.78	235.23	55.53	-1,106.02	-8,542.47	9,744.57	9,469.17	275.40	35.383		
7,200.00	6,819.38	6,833.38	6,833.38	42.91	236.83	48.15	-1,106.02	-8,542.47	9,731.54	9,454.42	277.12	35.117		
7,250.00	6,864.01	6,878.01	6,878.01	43.03	238.39	42.61	-1,106.02	-8,542.47	9,714.80	9,436.03	278.77	34.849		
7,300.00	6,907.16	6,921.16	6,921.16	43.14	239.90	38.44	-1,106.02	-8,542.47	9,694.45	9,414.11	280.34	34.581		
7,350.00	6,948.56	6,962.56	6,962.56	43.24	241.34	35.32	-1,106.02	-8,542.47	9,670.62	9,388.80	281.82	34.314		
7,400.00	6,987.94	7,001.94	7,001.94	43.35	242.71	33.00	-1,106.02	-8,542.47	9,643.46	9,360.24	283.22	34.049		
7,450.00	7,025.08	7,039.08	7,039.08	43.46	244.01	31.30	-1,106.02	-8,542.47	9,613.12	9,328.61	284.52	33.787		
7,500.00	7,059.73	7,073.73	7,073.73	43.57	245.22	30.14	-1,106.02	-8,542.47	9,579.80	9,294.09	285.71	33.529		
7,550.00	7,091.70	7,105.70	7,105.70	43.70	246.34	29.45	-1,106.02	-8,542.47	9,543.70	9,256.90	286.81	33.276		
7,600.00	7,120.77	7,134.77	7,134.77	43.84	247.35	29.21	-1,106.02	-8,542.47	9,505.04	9,217.25	287.79	33.028		
7,650.00	7,146.77	7,160.77	7,160.77	44.00	248.26	29.45	-1,106.02	-8,542.47	9,464.06	9,175.40	288.66	32.786		
7,700.00	7,169.54	7,183.54	7,183.54	44.18	249.05	30.25	-1,106.02	-8,542.47	9,421.00	9,131.58	289.41	32.552		
7,750.00	7,188.94	7,202.94	7,202.94	44.38	249.73	31.78	-1,106.02	-8,542.47	9,376.12	9,086.07	290.05	32.326		
7,800.00	7,204.85	7,218.85	7,218.85	44.61	250.29	34.41	-1,106.02	-8,542.47	9,329.71	9,039.14	290.57	32.109		
7,850.00	7,217.17	7,231.17	7,231.17	44.88	250.72	38.90	-1,106.02	-8,542.47	9,282.04	8,991.08	290.96	31.901		
7,900.00	7,225.83	7,239.83	7,239.83	45.17	251.02	47.05	-1,106.02	-8,542.47	9,233.41	8,942.18	291.23	31.704		
7,950.00	7,230.77	7,244.77	7,244.77	45.50	251.19	63.57	-1,106.02	-8,542.47	9,184.12	8,892.73	291.39	31.519		
7,985.49	7,232.00	7,246.00	7,246.00	45.75	251.23	85.70	-1,106.02	-8,542.47	9,148.88	8,857.46	291.42	31.394		
8,000.00	7,232.12	7,246.12	7,246.12	45.86	251.24	85.71	-1,106.02	-8,542.47	9,134.46	8,843.04	291.42	31.345		
8,100.00	7,232.93	7,246.93	7,246.93	46.71	251.27	85.76	-1,106.02	-8,542.47	9,035.04	8,743.61	291.43	31.002		
8,200.00	7,233.74	7,247.74	7,247.74	47.73	251.29	85.80	-1,106.02	-8,542.47	8,935.64	8,644.20	291.44	30.660		
8,300.00	7,234.54	7,248.54	7,248.54	48.94	251.32	85.85	-1,106.02	-8,542.47	8,836.25	8,544.79	291.46	30.317		
8,400.00	7,235.35	7,249.35	7,249.35	50.32	251.35	85.90	-1,106.02	-8,542.47	8,736.88	8,445.40	291.48	29.974		
8,500.00	7,236.16	7,250.16	7,250.16	51.86	251.38	85.94	-1,106.02	-8,542.47	8,637.51	8,346.01	291.50	29.631		
8,600.00	7,236.97	7,250.97	7,250.97	53.54	251.41	85.99	-1,106.02	-8,542.47	8,538.17	8,246.64	291.53	29.287		
8,700.00	7,237.77	7,251.77	7,251.77	55.33	251.44	86.04	-1,106.02	-8,542.47	8,438.84	8,147.28	291.56	28.944		
8,800.00	7,238.58	7,252.58	7,252.58	57.24	251.46	86.09	-1,106.02	-8,542.47	8,339.52	8,047.92	291.60	28.599		
8,900.00	7,239.39	7,253.39	7,253.39	59.24	251.49	86.13	-1,106.02	-8,542.47	8,240.22	7,948.58	291.64	28.255		
9,000.00	7,240.20	7,254.20	7,254.20	61.31	251.52	86.18	-1,106.02	-8,542.47	8,140.94	7,849.25	291.69	27.910		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,255.01	7,255.01	63.46	251.55	86.23	-1,106.02	-8,542.47	8,041.68	7,749.94	291.74	27.565		
9,200.00	7,241.81	7,255.81	7,255.81	65.67	251.58	86.27	-1,106.02	-8,542.47	7,942.43	7,650.63	291.80	27.219		
9,300.00	7,242.62	7,256.62	7,256.62	67.93	251.61	86.32	-1,106.02	-8,542.47	7,843.21	7,551.34	291.86	26.873		
9,400.00	7,243.43	7,257.43	7,257.43	70.25	251.63	86.37	-1,106.02	-8,542.47	7,744.00	7,452.07	291.93	26.527		
9,500.00	7,244.24	7,258.24	7,258.24	72.60	251.66	86.42	-1,106.02	-8,542.47	7,644.81	7,352.80	292.01	26.180		
9,600.00	7,245.04	7,259.04	7,259.04	74.99	251.69	86.46	-1,106.02	-8,542.47	7,545.65	7,253.55	292.10	25.833		
9,700.00	7,245.85	7,259.85	7,259.85	77.42	251.72	86.51	-1,106.02	-8,542.47	7,446.51	7,154.32	292.19	25.485		
9,800.00	7,246.66	7,260.66	7,260.66	79.87	251.75	86.56	-1,106.02	-8,542.47	7,347.39	7,055.10	292.29	25.137		
9,900.00	7,247.47	7,261.47	7,261.47	82.36	251.77	86.60	-1,106.02	-8,542.47	7,248.29	6,955.89	292.40	24.789		
10,000.00	7,248.28	7,262.28	7,262.28	84.87	251.80	86.65	-1,106.02	-8,542.47	7,149.22	6,856.70	292.52	24.440		
10,100.00	7,249.08	7,263.08	7,263.08	87.40	251.83	86.70	-1,106.02	-8,542.47	7,050.18	6,757.53	292.65	24.091		
10,200.00	7,249.89	7,263.89	7,263.89	89.95	251.86	86.75	-1,106.02	-8,542.47	6,951.16	6,658.38	292.79	23.741		
10,300.00	7,250.70	7,264.70	7,264.70	92.52	251.89	86.79	-1,106.02	-8,542.47	6,852.18	6,559.24	292.94	23.391		
10,400.00	7,251.51	7,265.51	7,265.51	95.11	251.92	86.84	-1,106.02	-8,542.47	6,753.22	6,460.12	293.10	23.041		
10,500.00	7,252.31	7,266.31	7,266.31	97.71	251.94	86.89	-1,106.02	-8,542.47	6,654.29	6,361.01	293.28	22.689		
10,600.00	7,253.12	7,267.12	7,267.12	100.33	251.97	86.93	-1,106.02	-8,542.47	6,555.40	6,261.93	293.46	22.338		
10,700.00	7,253.93	7,267.93	7,267.93	102.96	252.00	86.98	-1,106.02	-8,542.47	6,456.54	6,162.87	293.67	21.986		
10,800.00	7,254.74	7,268.74	7,268.74	105.61	252.03	87.03	-1,106.02	-8,542.47	6,357.71	6,063.82	293.89	21.633		
10,900.00	7,255.55	7,269.55	7,269.55	108.26	252.06	87.08	-1,106.02	-8,542.47	6,258.92	5,964.80	294.12	21.280		
11,000.00	7,256.35	7,270.35	7,270.35	110.92	252.08	87.12	-1,106.02	-8,542.47	6,160.17	5,865.80	294.37	20.926		
11,100.00	7,257.16	7,271.16	7,271.16	113.60	252.11	87.17	-1,106.02	-8,542.47	6,061.46	5,766.82	294.64	20.572		
11,200.00	7,257.97	7,271.97	7,271.97	116.28	252.14	87.22	-1,106.02	-8,542.47	5,962.80	5,667.87	294.93	20.217		
11,300.00	7,258.78	7,272.78	7,272.78	118.97	252.17	87.27	-1,106.02	-8,542.47	5,864.18	5,568.94	295.24	19.862		
11,400.00	7,259.58	7,273.58	7,273.58	121.67	252.20	87.31	-1,106.02	-8,542.47	5,765.61	5,470.03	295.58	19.506		
11,500.00	7,260.39	7,274.39	7,274.39	124.38	252.23	87.36	-1,106.02	-8,542.47	5,667.08	5,371.15	295.93	19.150		
11,600.00	7,261.20	7,275.20	7,275.20	127.09	252.25	87.41	-1,106.02	-8,542.47	5,568.61	5,272.30	296.32	18.793		
11,700.00	7,262.01	7,276.01	7,276.01	129.81	252.28	87.45	-1,106.02	-8,542.47	5,470.20	5,173.47	296.73	18.435		
11,800.00	7,262.82	7,276.82	7,276.82	132.53	252.31	87.50	-1,106.02	-8,542.47	5,371.84	5,074.68	297.17	18.077		
11,900.00	7,263.62	7,277.62	7,277.62	135.26	252.34	87.55	-1,106.02	-8,542.47	5,273.55	4,975.91	297.63	17.718		
12,000.00	7,264.43	7,278.43	7,278.43	138.00	252.37	87.60	-1,106.02	-8,542.47	5,175.32	4,877.18	298.14	17.359		
12,100.00	7,265.24	7,279.24	7,279.24	140.74	252.39	87.64	-1,106.02	-8,542.47	5,077.16	4,778.48	298.68	16.999		
12,200.00	7,266.05	7,280.05	7,280.05	143.49	252.42	87.69	-1,106.02	-8,542.47	4,979.07	4,679.82	299.25	16.638		
12,300.00	7,266.86	7,280.86	7,280.86	146.24	252.45	87.74	-1,106.02	-8,542.47	4,881.06	4,581.19	299.87	16.277		
12,400.00	7,267.66	7,281.66	7,281.66	148.99	252.48	87.78	-1,106.02	-8,542.47	4,783.13	4,482.60	300.53	15.916		
12,500.00	7,268.47	7,282.47	7,282.47	151.75	252.51	87.83	-1,106.02	-8,542.47	4,685.29	4,384.06	301.24	15.554		
12,600.00	7,269.28	7,283.28	7,283.28	154.51	252.54	87.88	-1,106.02	-8,542.47	4,587.55	4,285.55	301.99	15.191		
12,700.00	7,270.09	7,284.09	7,284.09	157.27	252.56	87.93	-1,106.02	-8,542.47	4,489.90	4,187.10	302.80	14.828		
12,800.00	7,270.89	7,284.89	7,284.89	160.04	252.59	87.97	-1,106.02	-8,542.47	4,392.36	4,088.69	303.67	14.464		
12,900.00	7,271.70	7,285.70	7,285.70	162.81	252.62	88.02	-1,106.02	-8,542.47	4,294.93	3,990.33	304.60	14.100		
13,000.00	7,272.51	7,286.51	7,286.51	165.58	252.65	88.07	-1,106.02	-8,542.47	4,197.62	3,892.03	305.59	13.736		
13,100.00	7,273.32	7,287.32	7,287.32	168.36	252.68	88.12	-1,106.02	-8,542.47	4,100.44	3,793.79	306.65	13.372		
13,200.00	7,274.13	7,288.13	7,288.13	171.14	252.70	88.16	-1,106.02	-8,542.47	4,003.40	3,695.61	307.79	13.007		
13,300.00	7,274.93	7,288.93	7,288.93	173.92	252.73	88.21	-1,106.02	-8,542.47	3,906.51	3,597.49	309.01	12.642		
13,400.00	7,275.74	7,289.74	7,289.74	176.71	252.76	88.26	-1,106.02	-8,542.47	3,809.78	3,499.45	310.32	12.277		
13,500.00	7,276.55	7,309.45	7,290.55	179.49	253.45	88.31	-1,106.02	-8,542.47	3,713.22	3,400.83	312.39	11.887		
13,555.88	7,277.00	7,309.00	7,291.00	181.05	253.43	88.33	-1,106.02	-8,542.47	3,659.34	3,346.16	313.18	11.684	CC, ES, SF	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-79.29	1,593.81	-8,426.13	8,575.55					
100.00	100.00	126.00	126.00	3.28	4.22	-79.29	1,593.81	-8,426.13	8,575.55	8,568.04	7.50	1,142.884		
200.00	200.00	226.00	226.00	3.34	6.96	-79.29	1,593.81	-8,426.13	8,575.55	8,565.24	10.30	832.425		
300.00	299.98	325.98	325.98	3.44	10.18	134.76	1,593.81	-8,426.13	8,576.77	8,563.16	13.62	629.829		
400.00	399.84	425.84	425.84	3.59	13.52	134.73	1,593.81	-8,426.13	8,580.46	8,563.35	17.12	501.314		
500.00	499.45	525.45	525.45	3.79	16.92	134.68	1,593.81	-8,426.13	8,586.60	8,565.89	20.71	414.596		
600.00	598.70	624.70	624.70	4.04	20.33	134.62	1,593.81	-8,426.13	8,595.20	8,570.84	24.36	352.772		
700.00	697.47	723.47	723.47	4.32	23.74	134.53	1,593.81	-8,426.13	8,606.25	8,578.19	28.06	306.741		
800.00	795.62	821.62	821.62	4.64	27.14	134.43	1,593.81	-8,426.13	8,619.75	8,587.97	31.77	271.284		
900.00	893.06	919.06	919.06	5.01	30.52	134.30	1,593.81	-8,426.13	8,635.68	8,600.18	35.50	243.226		
1,000.00	989.64	1,015.64	1,015.64	5.41	33.87	134.16	1,593.81	-8,426.13	8,654.06	8,614.81	39.24	220.531		
1,100.00	1,085.27	1,111.27	1,111.27	5.85	37.19	133.99	1,593.81	-8,426.13	8,674.86	8,631.88	42.98	201.842		
1,200.00	1,179.82	1,205.82	1,205.82	6.33	40.48	133.79	1,593.81	-8,426.13	8,698.08	8,651.37	46.71	186.219		
1,300.00	1,273.78	1,300.22	1,299.78	6.85	43.77	133.95	1,593.81	-8,426.13	8,722.53	8,672.08	50.46	172.874		
1,400.00	1,367.75	1,406.25	1,393.75	7.38	47.46	134.11	1,593.81	-8,426.13	8,747.06	8,692.44	54.62	160.136		
1,500.00	1,461.72	1,487.72	1,487.72	7.93	50.30	134.26	1,593.81	-8,426.13	8,771.65	8,713.70	57.95	151.368		
1,600.00	1,555.69	1,581.69	1,581.69	8.49	53.57	134.42	1,593.81	-8,426.13	8,796.30	8,734.58	61.72	142.515		
1,700.00	1,649.66	1,675.66	1,675.66	9.07	56.85	134.57	1,593.81	-8,426.13	8,821.02	8,755.51	65.50	134.662		
1,800.00	1,743.63	1,769.63	1,769.63	9.65	60.12	134.72	1,593.81	-8,426.13	8,845.80	8,776.50	69.30	127.654		
1,900.00	1,837.60	1,863.60	1,863.60	10.24	63.40	134.88	1,593.81	-8,426.13	8,870.64	8,797.55	73.09	121.362		
2,000.00	1,931.57	1,957.57	1,957.57	10.83	66.67	135.03	1,593.81	-8,426.13	8,895.54	8,818.65	76.89	115.685		
2,100.00	2,025.54	2,051.54	2,051.54	11.43	69.95	135.18	1,593.81	-8,426.13	8,920.51	8,839.81	80.70	110.537		
2,200.00	2,119.51	2,145.51	2,145.51	12.03	73.23	135.33	1,593.81	-8,426.13	8,945.54	8,861.02	84.51	105.849		
2,300.00	2,213.48	2,239.48	2,239.48	12.64	76.51	135.48	1,593.81	-8,426.13	8,970.62	8,882.30	88.33	101.562		
2,400.00	2,307.45	2,333.45	2,333.45	13.25	79.78	135.62	1,593.81	-8,426.13	8,995.77	8,903.63	92.14	97.629		
2,500.00	2,401.42	2,427.42	2,427.42	13.87	83.06	135.77	1,593.81	-8,426.13	9,020.98	8,925.02	95.96	94.006		
2,600.00	2,495.39	2,521.39	2,521.39	14.48	86.34	135.92	1,593.81	-8,426.13	9,046.25	8,946.46	99.78	90.660		
2,700.00	2,589.35	2,615.35	2,615.35	15.10	89.62	136.07	1,593.81	-8,426.13	9,071.57	8,967.97	103.60	87.560		
2,800.00	2,683.32	2,709.32	2,709.32	15.72	92.90	136.21	1,593.81	-8,426.13	9,096.95	8,989.53	107.43	84.680		
2,900.00	2,777.29	2,803.29	2,803.29	16.34	96.17	136.35	1,593.81	-8,426.13	9,122.39	9,011.14	111.25	81.997		
3,000.00	2,871.26	2,902.74	2,897.26	16.97	99.64	136.50	1,593.81	-8,426.13	9,147.89	9,032.62	115.27	79.361		
3,100.00	2,965.23	3,008.77	2,991.23	17.59	103.34	136.64	1,593.81	-8,426.13	9,173.45	9,053.93	119.52	76.755		
3,200.00	3,059.20	3,085.20	3,085.20	18.22	106.01	136.78	1,593.81	-8,426.13	9,199.06	9,076.33	122.73	74.953		
3,300.00	3,153.17	3,179.17	3,179.17	18.84	109.29	136.93	1,593.81	-8,426.13	9,224.72	9,098.17	126.56	72.889		
3,400.00	3,247.14	3,273.14	3,273.14	19.47	112.57	137.07	1,593.81	-8,426.13	9,250.45	9,120.06	130.39	70.947		
3,500.00	3,341.11	3,367.11	3,367.11	20.10	115.85	137.21	1,593.81	-8,426.13	9,276.22	9,142.01	134.21	69.115		
3,600.00	3,435.08	3,461.08	3,461.08	20.73	119.13	137.35	1,593.81	-8,426.13	9,302.05	9,164.01	138.04	67.385		
3,700.00	3,529.05	3,555.05	3,555.05	21.36	122.41	137.48	1,593.81	-8,426.13	9,327.94	9,186.07	141.87	65.749		
3,800.00	3,623.02	3,649.02	3,649.02	21.99	125.68	137.62	1,593.81	-8,426.13	9,353.87	9,208.17	145.70	64.199		
3,900.00	3,716.99	3,742.99	3,742.99	22.62	128.96	137.76	1,593.81	-8,426.13	9,379.87	9,230.34	149.53	62.729		
4,000.00	3,810.95	3,836.95	3,836.95	23.25	132.24	137.89	1,593.81	-8,426.13	9,405.91	9,252.55	153.36	61.333		
4,100.00	3,904.92	3,930.92	3,930.92	23.88	135.52	138.03	1,593.81	-8,426.13	9,432.01	9,274.82	157.19	60.005		
4,200.00	3,998.89	4,024.89	4,024.89	24.52	138.80	138.17	1,593.81	-8,426.13	9,458.15	9,297.14	161.02	58.741		
4,300.00	4,092.86	4,118.86	4,118.86	25.15	142.08	138.30	1,593.81	-8,426.13	9,484.35	9,319.51	164.84	57.535		
4,400.00	4,186.83	4,212.83	4,212.83	25.78	145.36	138.43	1,593.81	-8,426.13	9,510.60	9,341.93	168.67	56.385		
4,500.00	4,280.80	4,306.80	4,306.80	26.42	148.64	138.57	1,593.81	-8,426.13	9,536.90	9,364.40	172.50	55.286		
4,600.00	4,374.77	4,400.77	4,400.77	27.05	151.92	138.70	1,593.81	-8,426.13	9,563.25	9,386.92	176.33	54.235		
4,700.00	4,468.74	4,505.26	4,494.74	27.68	155.57	138.83	1,593.81	-8,426.13	9,589.65	9,409.13	180.52	53.121		
4,800.00	4,562.71	4,588.71	4,588.71	28.32	158.48	138.96	1,593.81	-8,426.13	9,616.10	9,432.11	183.98	52.266		
4,900.00	4,656.68	4,682.68	4,682.68	28.95	161.76	139.09	1,593.81	-8,426.13	9,642.60	9,454.78	187.81	51.342		
5,000.00	4,750.65	4,776.65	4,776.65	29.59	165.04	139.22	1,593.81	-8,426.13	9,669.14	9,477.50	191.64	50.455		
5,100.00	4,844.62	4,870.62	4,870.62	30.23	168.32	139.35	1,593.81	-8,426.13	9,695.74	9,500.27	195.47	49.603		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,964.59	4,964.59	30.86	171.60	139.48	1,593.81	-8,426.13	9,722.38	9,523.08	199.29	48.784		
5,300.00	5,032.56	5,058.56	5,058.56	31.50	174.88	139.60	1,593.81	-8,426.13	9,749.06	9,545.94	203.12	47.997		
5,400.00	5,126.52	5,152.52	5,152.52	32.13	178.16	139.73	1,593.81	-8,426.13	9,775.80	9,568.85	206.95	47.238		
5,500.00	5,220.49	5,246.49	5,246.49	32.77	181.44	139.86	1,593.81	-8,426.13	9,802.58	9,591.81	210.77	46.508		
5,600.00	5,314.46	5,340.46	5,340.46	33.41	184.72	139.98	1,593.81	-8,426.13	9,829.41	9,614.81	214.60	45.804		
5,700.00	5,408.43	5,434.43	5,434.43	34.04	188.00	140.11	1,593.81	-8,426.13	9,856.28	9,637.86	218.42	45.125		
5,800.00	5,502.40	5,528.40	5,528.40	34.68	191.28	140.23	1,593.81	-8,426.13	9,883.20	9,660.95	222.25	44.469		
5,900.00	5,596.37	5,622.37	5,622.37	35.32	194.56	140.35	1,593.81	-8,426.13	9,910.17	9,684.09	226.07	43.836		
6,000.00	5,690.34	5,716.34	5,716.34	35.96	197.84	140.48	1,593.81	-8,426.13	9,937.17	9,707.28	229.90	43.224		
6,100.00	5,784.31	5,810.31	5,810.31	36.59	201.12	140.60	1,593.81	-8,426.13	9,964.23	9,730.50	233.72	42.633		
6,200.00	5,878.28	5,904.28	5,904.28	37.23	204.40	140.72	1,593.81	-8,426.13	9,991.32	9,753.78	237.55	42.061		
7,600.00	7,120.77	7,146.77	7,146.77	43.84	247.77	49.45	1,593.81	-8,426.13	9,996.95	9,710.90	286.05	34.948		
7,650.00	7,146.77	7,172.77	7,172.77	44.00	248.68	51.06	1,593.81	-8,426.13	9,960.73	9,673.81	286.92	34.716		
7,700.00	7,169.54	7,204.46	7,195.54	44.18	249.78	53.40	1,593.81	-8,426.13	9,922.33	9,634.34	287.99	34.453		
7,750.00	7,188.94	7,214.94	7,214.94	44.38	250.15	56.61	1,593.81	-8,426.13	9,882.00	9,593.67	288.33	34.273		
7,800.00	7,204.85	7,230.85	7,230.85	44.61	250.71	60.86	1,593.81	-8,426.13	9,839.98	9,551.11	288.87	34.064		
7,850.00	7,217.17	7,243.17	7,243.17	44.88	251.14	66.34	1,593.81	-8,426.13	9,796.52	9,507.23	289.29	33.864		
7,900.00	7,225.83	7,251.83	7,251.83	45.17	251.44	73.29	1,593.81	-8,426.13	9,751.90	9,462.30	289.60	33.673		
7,950.00	7,230.77	7,256.77	7,256.77	45.50	251.61	81.84	1,593.81	-8,426.13	9,706.38	9,416.58	289.80	33.494		
7,985.49	7,232.00	7,258.00	7,258.00	45.75	251.65	88.87	1,593.81	-8,426.13	9,673.68	9,383.81	289.87	33.373		
8,000.00	7,232.12	7,258.12	7,258.12	45.86	251.66	88.88	1,593.81	-8,426.13	9,660.26	9,370.37	289.89	33.324		
8,100.00	7,232.93	7,258.93	7,258.93	46.71	251.69	88.89	1,593.81	-8,426.13	9,567.86	9,277.84	290.03	32.990		
8,200.00	7,233.74	7,259.74	7,259.74	47.73	251.71	88.90	1,593.81	-8,426.13	9,475.62	9,185.41	290.20	32.651		
8,300.00	7,234.54	7,260.54	7,260.54	48.94	251.74	88.91	1,593.81	-8,426.13	9,383.53	9,093.11	290.42	32.310		
8,400.00	7,235.35	7,261.35	7,261.35	50.32	251.77	88.93	1,593.81	-8,426.13	9,291.61	9,000.93	290.69	31.964		
8,500.00	7,236.16	7,262.16	7,262.16	51.86	251.80	88.94	1,593.81	-8,426.13	9,199.86	8,908.87	290.99	31.615		
8,600.00	7,236.97	7,262.97	7,262.97	53.54	251.83	88.95	1,593.81	-8,426.13	9,108.28	8,816.94	291.35	31.263		
8,700.00	7,237.77	7,263.77	7,263.77	55.33	251.85	88.96	1,593.81	-8,426.13	9,016.88	8,725.13	291.75	30.906		
8,800.00	7,238.58	7,264.58	7,264.58	57.24	251.88	88.98	1,593.81	-8,426.13	8,925.67	8,633.47	292.20	30.547		
8,900.00	7,239.39	7,265.39	7,265.39	59.24	251.91	88.99	1,593.81	-8,426.13	8,834.64	8,541.94	292.70	30.184		
9,000.00	7,240.20	7,266.20	7,266.20	61.31	251.94	89.00	1,593.81	-8,426.13	8,743.81	8,450.56	293.25	29.817		
9,100.00	7,241.01	7,267.01	7,267.01	63.46	251.97	89.01	1,593.81	-8,426.13	8,653.18	8,359.33	293.85	29.447		
9,200.00	7,241.81	7,267.81	7,267.81	65.67	252.00	89.03	1,593.81	-8,426.13	8,562.76	8,268.25	294.51	29.075		
9,300.00	7,242.62	7,268.62	7,268.62	67.93	252.02	89.04	1,593.81	-8,426.13	8,472.56	8,177.34	295.22	28.699		
9,400.00	7,243.43	7,269.43	7,269.43	70.25	252.05	89.05	1,593.81	-8,426.13	8,382.58	8,086.58	295.99	28.320		
9,500.00	7,244.24	7,270.24	7,270.24	72.60	252.08	89.06	1,593.81	-8,426.13	8,292.83	7,996.01	296.82	27.939		
9,600.00	7,245.04	7,271.04	7,271.04	74.99	252.11	89.08	1,593.81	-8,426.13	8,203.31	7,905.61	297.70	27.555		
9,700.00	7,245.85	7,271.85	7,271.85	77.42	252.14	89.09	1,593.81	-8,426.13	8,114.04	7,815.39	298.65	27.169		
9,800.00	7,246.66	7,272.66	7,272.66	79.87	252.16	89.10	1,593.81	-8,426.13	8,025.02	7,725.38	299.65	26.782		
9,900.00	7,247.47	7,273.47	7,273.47	82.36	252.19	89.11	1,593.81	-8,426.13	7,936.27	7,635.56	300.71	26.392		
10,000.00	7,248.28	7,274.28	7,274.28	84.87	252.22	89.13	1,593.81	-8,426.13	7,847.78	7,545.95	301.83	26.001		
10,100.00	7,249.08	7,275.08	7,275.08	87.40	252.25	89.14	1,593.81	-8,426.13	7,759.58	7,456.56	303.01	25.608		
10,200.00	7,249.89	7,275.89	7,275.89	89.95	252.28	89.15	1,593.81	-8,426.13	7,671.66	7,367.40	304.26	25.215		
10,300.00	7,250.70	7,276.70	7,276.70	92.52	252.31	89.16	1,593.81	-8,426.13	7,584.04	7,278.48	305.56	24.820		
10,400.00	7,251.51	7,277.51	7,277.51	95.11	252.33	89.18	1,593.81	-8,426.13	7,496.73	7,189.80	306.93	24.425		
10,500.00	7,252.31	7,278.31	7,278.31	97.71	252.36	89.19	1,593.81	-8,426.13	7,409.75	7,101.39	308.36	24.030		
10,600.00	7,253.12	7,279.12	7,279.12	100.33	252.39	89.20	1,593.81	-8,426.13	7,323.09	7,013.24	309.85	23.634		
10,700.00	7,253.93	7,279.93	7,279.93	102.96	252.42	89.22	1,593.81	-8,426.13	7,236.78	6,925.37	311.41	23.238		
10,800.00	7,254.74	7,280.74	7,280.74	105.61	252.45	89.23	1,593.81	-8,426.13	7,150.83	6,837.79	313.04	22.843		
10,900.00	7,255.55	7,281.55	7,281.55	108.26	252.48	89.24	1,593.81	-8,426.13	7,065.24	6,750.52	314.73	22.449		
11,000.00	7,256.35	7,282.35	7,282.35	110.92	252.50	89.25	1,593.81	-8,426.13	6,980.04	6,663.56	316.48	22.055		
11,100.00	7,257.16	7,283.16	7,283.16	113.60	252.53	89.27	1,593.81	-8,426.13	6,895.24	6,576.94	318.30	21.662		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
11,200.00	7,257.97	7,283.97	7,283.97	116.28	252.56	89.28	1,593.81	-8,426.13	6,810.85	6,490.65	320.19	21.271		
11,300.00	7,258.78	7,284.78	7,284.78	118.97	252.59	89.29	1,593.81	-8,426.13	6,726.88	6,404.73	322.15	20.881		
11,400.00	7,259.58	7,285.58	7,285.58	121.67	252.62	89.30	1,593.81	-8,426.13	6,643.36	6,319.19	324.18	20.493		
11,500.00	7,260.39	7,286.39	7,286.39	124.38	252.64	89.32	1,593.81	-8,426.13	6,560.31	6,234.03	326.27	20.107		
11,600.00	7,261.20	7,287.20	7,287.20	127.09	252.67	89.33	1,593.81	-8,426.13	6,477.73	6,149.28	328.44	19.723		
11,700.00	7,262.01	7,288.01	7,288.01	129.81	252.70	89.34	1,593.81	-8,426.13	6,395.64	6,064.96	330.68	19.341		
11,800.00	7,262.82	7,288.82	7,288.82	132.53	252.73	89.35	1,593.81	-8,426.13	6,314.08	5,981.08	332.99	18.962		
11,900.00	7,263.62	7,289.62	7,289.62	135.26	252.76	89.37	1,593.81	-8,426.13	6,233.05	5,897.67	335.38	18.585		
12,000.00	7,264.43	7,309.57	7,290.43	138.00	253.45	89.38	1,593.81	-8,426.13	6,152.58	5,814.07	338.51	18.176		
12,100.00	7,265.24	7,308.76	7,291.24	140.74	253.43	89.39	1,593.81	-8,426.13	6,072.68	5,731.70	340.99	17.809		
12,200.00	7,266.05	7,307.95	7,292.05	143.49	253.40	89.40	1,593.81	-8,426.13	5,993.40	5,649.85	343.54	17.446		
12,300.00	7,266.86	7,307.15	7,292.86	146.24	253.37	89.42	1,593.81	-8,426.13	5,914.74	5,568.56	346.18	17.086		
12,400.00	7,267.66	7,306.34	7,293.66	148.99	253.34	89.43	1,593.81	-8,426.13	5,836.73	5,487.84	348.89	16.729		
12,500.00	7,268.47	7,305.53	7,294.47	151.75	253.31	89.44	1,593.81	-8,426.13	5,759.40	5,407.72	351.68	16.377		
12,600.00	7,269.28	7,304.72	7,295.28	154.51	253.28	89.45	1,593.81	-8,426.13	5,682.78	5,328.23	354.56	16.028		
12,700.00	7,270.09	7,303.91	7,296.09	157.27	253.26	89.47	1,593.81	-8,426.13	5,606.90	5,249.39	357.51	15.683		
12,800.00	7,270.89	7,303.11	7,296.89	160.04	253.23	89.48	1,593.81	-8,426.13	5,531.78	5,171.24	360.55	15.343		
12,900.00	7,271.70	7,302.30	7,297.70	162.81	253.20	89.49	1,593.81	-8,426.13	5,457.47	5,093.80	363.67	15.007		
13,000.00	7,272.51	7,301.49	7,298.51	165.58	253.17	89.50	1,593.81	-8,426.13	5,383.98	5,017.11	366.87	14.675		
13,100.00	7,273.32	7,300.68	7,299.32	168.36	253.14	89.52	1,593.81	-8,426.13	5,311.36	4,941.20	370.16	14.349		
13,200.00	7,274.13	7,300.13	7,300.13	171.14	253.12	89.53	1,593.81	-8,426.13	5,239.64	4,866.10	373.54	14.027		
13,300.00	7,274.93	7,300.93	7,300.93	173.92	253.15	89.54	1,593.81	-8,426.13	5,168.86	4,791.81	377.05	13.709		
13,400.00	7,275.74	7,301.74	7,301.74	176.71	253.18	89.56	1,593.81	-8,426.13	5,099.06	4,718.41	380.65	13.396		
13,500.00	7,276.55	7,302.55	7,302.55	179.49	253.21	89.57	1,593.81	-8,426.13	5,030.28	4,645.94	384.34	13.088		
13,555.88	7,277.00	7,303.00	7,303.00	181.05	253.22	89.57	1,593.81	-8,426.13	4,992.30	4,605.87	386.43	12.919 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-166.73	-2,621.18	-618.28	2,693.12					
100.00	100.00	83.60	83.60	3.28	3.28	-166.73	-2,621.29	-618.29	2,693.23	2,686.66	6.57	409.952		
200.00	200.00	188.55	188.55	3.34	3.33	-166.73	-2,621.56	-618.20	2,693.46	2,686.79	6.67	403.798		
300.00	299.98	282.62	282.62	3.44	3.43	47.36	-2,621.76	-618.04	2,692.45	2,685.58	6.87	392.017		
400.00	399.84	381.89	381.89	3.59	3.58	47.49	-2,622.09	-618.13	2,689.25	2,682.09	7.17	375.247		
500.00	499.45	484.13	484.13	3.79	3.77	47.71	-2,622.35	-618.31	2,683.65	2,676.09	7.56	354.875		
600.00	598.70	582.46	582.45	4.04	4.00	48.02	-2,622.58	-618.40	2,675.69	2,667.66	8.03	333.211		
700.00	697.47	692.25	692.25	4.32	4.28	48.45	-2,622.71	-618.32	2,665.30	2,656.71	8.60	310.033		
800.00	795.62	783.24	783.24	4.64	4.54	48.93	-2,622.69	-618.28	2,652.54	2,643.37	9.17	289.189		
900.00	893.06	877.13	877.13	5.01	4.83	49.51	-2,622.84	-618.50	2,637.84	2,628.04	9.81	268.937		
1,000.00	989.64	988.07	988.07	5.41	5.18	50.26	-2,622.89	-618.54	2,620.89	2,610.35	10.55	248.512		
1,100.00	1,085.27	1,075.99	1,075.99	5.85	5.48	51.01	-2,622.74	-618.46	2,601.67	2,590.41	11.25	231.175		
1,200.00	1,179.82	1,167.58	1,167.58	6.33	5.80	51.87	-2,622.82	-618.54	2,580.79	2,568.77	12.02	214.765		
1,300.00	1,273.78	1,260.07	1,260.06	6.85	6.13	52.44	-2,622.95	-618.57	2,559.14	2,546.32	12.82	199.680		
1,400.00	1,367.75	1,354.80	1,354.79	7.38	6.48	53.03	-2,623.15	-618.56	2,537.82	2,524.17	13.65	185.949		
1,500.00	1,461.72	1,449.95	1,449.95	7.93	6.83	53.63	-2,623.30	-618.44	2,516.69	2,502.19	14.50	173.512		
1,600.00	1,555.69	1,544.84	1,544.84	8.49	7.19	54.24	-2,623.43	-618.37	2,495.85	2,480.47	15.38	162.280		
1,700.00	1,649.66	1,639.10	1,639.10	9.07	7.55	54.86	-2,623.56	-618.10	2,475.24	2,458.97	16.27	152.135		
1,800.00	1,743.63	1,731.82	1,731.81	9.65	7.91	55.47	-2,623.64	-618.20	2,455.00	2,437.83	17.17	142.983		
1,900.00	1,837.60	1,829.88	1,829.87	10.24	8.29	56.13	-2,623.74	-618.08	2,435.01	2,416.91	18.10	134.521		
2,000.00	1,931.57	1,925.24	1,925.24	10.83	8.67	56.79	-2,623.58	-618.04	2,415.13	2,396.10	19.03	126.880		
2,100.00	2,025.54	2,007.85	2,007.84	11.43	8.99	57.37	-2,623.64	-618.23	2,395.87	2,375.94	19.93	120.186		
2,200.00	2,119.51	2,103.35	2,103.35	12.03	9.38	58.05	-2,623.84	-618.60	2,377.13	2,356.24	20.89	113.786		
2,300.00	2,213.48	2,206.65	2,206.65	12.64	9.79	58.80	-2,623.79	-619.00	2,358.52	2,336.64	21.88	107.778		
2,400.00	2,307.45	2,300.96	2,300.95	13.25	10.17	59.50	-2,623.59	-619.25	2,340.08	2,317.23	22.85	102.407		
2,500.00	2,401.42	2,403.28	2,403.28	13.87	10.58	60.26	-2,623.28	-619.23	2,321.82	2,297.96	23.85	97.338		
2,600.00	2,495.39	2,496.36	2,496.35	14.48	10.96	60.95	-2,622.93	-619.01	2,303.77	2,278.94	24.83	92.781		
2,700.00	2,589.35	2,590.97	2,590.96	15.10	11.35	61.67	-2,622.55	-618.81	2,286.10	2,260.28	25.82	88.541		
2,800.00	2,683.32	2,682.30	2,682.29	15.72	11.72	62.37	-2,622.26	-618.56	2,268.84	2,242.04	26.80	84.644		
2,900.00	2,777.29	2,770.85	2,770.83	16.34	12.08	63.06	-2,622.19	-618.21	2,252.13	2,224.35	27.79	81.053		
3,000.00	2,871.26	2,865.03	2,865.01	16.97	12.47	63.80	-2,622.18	-618.08	2,235.99	2,207.19	28.79	77.659		
3,100.00	2,965.23	2,960.56	2,960.55	17.59	12.86	64.57	-2,621.92	-618.23	2,220.16	2,190.35	29.81	74.479		
3,200.00	3,059.20	3,051.90	3,051.89	18.22	13.24	65.32	-2,621.66	-618.36	2,204.75	2,173.94	30.82	71.544		
3,300.00	3,153.17	3,140.99	3,140.97	18.84	13.61	66.05	-2,621.72	-618.33	2,189.97	2,158.15	31.82	68.821		
3,400.00	3,247.14	3,231.52	3,231.50	19.47	13.99	66.81	-2,621.88	-618.50	2,175.83	2,142.99	32.84	66.265		
3,500.00	3,341.11	3,325.19	3,325.17	20.10	14.38	67.59	-2,622.24	-618.47	2,162.18	2,128.32	33.86	63.848		
3,600.00	3,435.08	3,417.98	3,417.96	20.73	14.76	68.37	-2,622.68	-618.38	2,149.02	2,114.13	34.89	61.587		
3,700.00	3,529.05	3,509.42	3,509.40	21.36	15.14	69.15	-2,623.18	-618.34	2,136.40	2,100.48	35.92	59.472		
3,800.00	3,623.02	3,600.13	3,600.12	21.99	15.52	69.93	-2,623.81	-618.35	2,124.38	2,087.43	36.95	57.490		
3,900.00	3,716.99	3,692.76	3,692.74	22.62	15.91	70.73	-2,624.54	-618.42	2,112.94	2,074.95	37.99	55.616		
4,000.00	3,810.95	3,788.66	3,788.64	23.25	16.31	71.57	-2,625.30	-618.49	2,101.98	2,062.93	39.05	53.834		
4,100.00	3,904.92	3,884.06	3,884.03	23.88	16.71	72.41	-2,626.02	-618.49	2,091.43	2,051.33	40.10	52.155		
4,200.00	3,998.89	3,974.71	3,974.68	24.52	17.09	73.21	-2,626.78	-618.44	2,081.40	2,040.26	41.14	50.592		
4,300.00	4,092.86	4,067.39	4,067.36	25.15	17.48	74.04	-2,627.71	-618.45	2,072.02	2,029.83	42.19	49.112		
4,400.00	4,186.83	4,163.04	4,163.00	25.78	17.89	74.90	-2,628.74	-618.35	2,063.13	2,019.88	43.25	47.701		
4,500.00	4,280.80	4,256.14	4,256.09	26.42	18.28	75.74	-2,629.85	-618.08	2,054.70	2,010.39	44.31	46.376		
4,600.00	4,374.77	4,350.81	4,350.76	27.05	18.68	76.59	-2,630.97	-617.94	2,046.86	2,001.49	45.37	45.118		
4,700.00	4,468.74	4,443.78	4,443.72	27.68	19.07	77.45	-2,631.83	-617.96	2,039.45	1,993.03	46.42	43.932		
4,800.00	4,562.71	4,534.65	4,534.59	28.32	19.45	78.31	-2,632.47	-618.48	2,032.79	1,985.32	47.47	42.821		
4,900.00	4,656.68	4,630.98	4,630.91	28.95	19.86	79.22	-2,633.14	-619.01	2,026.65	1,978.11	48.54	41.750		
5,000.00	4,750.65	4,728.76	4,728.69	29.59	20.27	80.14	-2,633.90	-619.32	2,020.96	1,971.34	49.62	40.729		
5,100.00	4,844.62	4,829.96	4,829.88	30.23	20.70	81.09	-2,634.79	-619.05	2,015.48	1,964.77	50.71	39.747		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,924.72	4,924.64	30.86	21.10	81.98	-2,635.67	-618.58	2,010.41	1,958.64	51.77	38.832		
5,300.00	5,032.56	5,020.19	5,020.11	31.50	21.51	82.88	-2,636.37	-618.22	2,005.85	1,953.01	52.84	37.963		
5,400.00	5,126.52	5,115.58	5,115.49	32.13	21.91	83.79	-2,636.87	-617.94	2,001.76	1,947.86	53.90	37.137		
5,500.00	5,220.49	5,207.37	5,207.28	32.77	22.30	84.68	-2,637.28	-617.79	1,998.28	1,943.33	54.95	36.364		
5,600.00	5,314.46	5,301.90	5,301.82	33.41	22.70	85.59	-2,637.65	-617.72	1,995.40	1,939.39	56.01	35.626		
5,700.00	5,408.43	5,396.76	5,396.67	34.04	23.10	86.52	-2,637.95	-617.68	1,993.07	1,936.00	57.07	34.924		
5,800.00	5,502.40	5,487.58	5,487.49	34.68	23.49	87.40	-2,638.26	-617.69	1,991.37	1,933.26	58.11	34.270		
5,900.00	5,596.37	5,580.73	5,580.64	35.32	23.88	88.31	-2,638.64	-617.78	1,990.36	1,931.20	59.16	33.646		
6,000.00	5,690.34	5,672.13	5,672.04	35.96	24.27	89.21	-2,638.99	-617.98	1,989.99	1,929.79	60.19	33.061		
6,000.76	5,691.06	5,672.82	5,672.73	35.96	24.28	89.22	-2,638.99	-617.98	1,989.99	1,929.79	60.20	33.056		
6,100.00	5,784.31	5,762.96	5,762.87	36.59	24.66	90.10	-2,639.31	-618.36	1,990.35	1,929.13	61.22	32.510		
6,200.00	5,878.28	5,855.21	5,855.12	37.23	25.05	91.01	-2,639.59	-618.93	1,991.43	1,929.17	62.26	31.988		
6,300.00	5,972.25	5,946.61	5,946.51	37.87	25.44	91.92	-2,639.67	-619.69	1,993.16	1,929.88	63.28	31.497		
6,400.00	6,066.22	6,036.29	6,036.19	38.51	25.82	92.82	-2,639.52	-620.78	1,995.67	1,931.38	64.29	31.040		
6,500.00	6,160.19	6,127.16	6,127.05	39.14	26.20	93.73	-2,639.36	-622.08	1,998.97	1,933.66	65.31	30.608		
6,600.00	6,254.16	6,220.82	6,220.69	39.78	26.60	94.67	-2,639.05	-623.57	2,002.93	1,936.60	66.33	30.196		
6,700.00	6,348.13	6,314.60	6,314.46	40.42	27.00	95.62	-2,638.61	-625.08	2,007.48	1,940.13	67.35	29.807		
6,800.00	6,442.09	6,403.95	6,403.79	41.06	27.37	96.51	-2,638.17	-626.67	2,012.75	1,944.41	68.34	29.452		
6,869.92	6,507.80	6,468.50	6,468.34	41.51	27.65	97.16	-2,637.84	-627.90	2,016.88	1,947.84	69.04	29.213		
6,900.00	6,536.18	6,496.40	6,496.22	41.69	27.77	97.70	-2,637.69	-628.45	2,018.11	1,948.78	69.34	29.106		
6,950.00	6,583.76	6,546.37	6,546.18	41.98	27.98	77.95	-2,637.41	-629.40	2,017.38	1,947.55	69.82	28.892		
7,000.00	6,631.58	6,596.92	6,596.73	42.23	28.19	63.56	-2,637.08	-630.31	2,013.11	1,942.82	70.28	28.643		
7,050.00	6,679.34	6,647.51	6,647.31	42.44	28.41	49.37	-2,636.73	-631.15	2,005.29	1,934.58	70.71	28.360		
7,100.00	6,726.76	6,697.79	6,697.58	42.62	28.62	36.94	-2,636.40	-631.90	1,993.95	1,922.85	71.10	28.045		
7,150.00	6,773.53	6,748.38	6,748.17	42.78	28.84	26.83	-2,636.01	-632.58	1,979.12	1,907.66	71.46	27.695		
7,200.00	6,819.38	6,797.97	6,797.75	42.91	29.05	18.79	-2,635.52	-633.20	1,960.85	1,889.05	71.80	27.310		
7,250.00	6,864.01	6,845.67	6,845.45	43.03	29.25	12.32	-2,634.93	-633.75	1,939.25	1,867.14	72.11	26.893		
7,300.00	6,907.16	6,891.71	6,891.47	43.14	29.44	6.93	-2,634.20	-634.28	1,914.46	1,842.06	72.40	26.442		
7,350.00	6,948.56	6,930.92	6,930.67	43.24	29.61	2.22	-2,633.47	-634.76	1,886.66	1,814.01	72.65	25.969		
7,400.00	6,987.94	6,967.27	6,967.01	43.35	29.76	-2.11	-2,632.72	-635.31	1,856.09	1,783.21	72.88	25.468		
7,450.00	7,025.08	7,001.80	7,001.53	43.46	29.91	-6.30	-2,631.92	-635.93	1,822.95	1,749.85	73.10	24.937		
7,500.00	7,059.73	7,035.90	7,035.61	43.57	30.05	-10.60	-2,631.04	-636.61	1,787.41	1,714.08	73.32	24.377		
7,550.00	7,091.70	7,133.34	7,066.36	43.70	30.47	-15.20	-2,630.22	-637.25	1,749.66	1,675.83	73.82	23.701		
7,600.00	7,120.77	7,103.62	7,096.05	43.84	30.34	-20.37	-2,629.25	-637.98	1,709.96	1,636.18	73.78	23.176		
7,650.00	7,146.77	7,123.11	7,122.76	44.00	30.43	-26.34	-2,628.38	-638.63	1,668.57	1,594.60	73.96	22.559		
7,700.00	7,169.54	7,146.69	7,146.32	44.18	30.53	-33.36	-2,627.62	-639.20	1,625.75	1,551.58	74.18	21.917		
7,750.00	7,188.94	7,166.99	7,166.60	44.38	30.62	-41.60	-2,626.96	-639.70	1,581.82	1,507.43	74.39	21.264		
7,800.00	7,204.85	7,183.86	7,183.46	44.61	30.69	-51.06	-2,626.41	-640.11	1,537.10	1,462.49	74.61	20.602		
7,850.00	7,217.17	7,197.22	7,196.80	44.88	30.75	-61.43	-2,625.97	-640.44	1,491.91	1,417.08	74.83	19.937		
7,900.00	7,225.83	7,206.96	7,206.54	45.17	30.79	-72.02	-2,625.66	-640.67	1,446.62	1,371.55	75.07	19.271		
7,950.00	7,230.77	7,213.05	7,212.62	45.50	30.82	-82.01	-2,625.46	-640.82	1,401.56	1,326.25	75.31	18.611		
7,985.49	7,232.00	7,215.12	7,214.69	45.75	30.83	-88.37	-2,625.39	-640.87	1,369.92	1,294.43	75.49	18.147		
8,000.00	7,232.12	7,215.59	7,215.16	45.86	30.83	-88.41	-2,625.38	-640.89	1,357.09	1,281.52	75.57	17.959		
8,100.00	7,232.93	7,218.80	7,218.37	46.71	30.84	-88.70	-2,625.27	-640.96	1,269.60	1,193.43	76.17	16.667		
8,200.00	7,233.74	7,222.01	7,221.57	47.73	30.86	-88.99	-2,625.17	-641.04	1,184.09	1,107.16	76.93	15.392		
8,300.00	7,234.54	7,225.21	7,224.78	48.94	30.87	-89.28	-2,625.06	-641.12	1,101.02	1,023.14	77.87	14.139		
8,400.00	7,235.35	7,228.42	7,227.98	50.32	30.89	-89.56	-2,624.96	-641.20	1,020.97	941.93	79.04	12.917		
8,500.00	7,236.16	7,231.63	7,231.19	51.86	30.90	-89.85	-2,624.85	-641.28	944.72	864.23	80.48	11.738		
8,600.00	7,236.97	7,234.84	7,234.40	53.54	30.91	-90.14	-2,624.75	-641.36	873.26	791.02	82.24	10.618		
8,700.00	7,237.77	7,238.05	7,237.60	55.33	30.93	-90.43	-2,624.65	-641.43	807.88	723.55	84.33	9.580		
8,800.00	7,238.58	7,241.26	7,240.81	57.24	30.94	-90.72	-2,624.54	-641.51	750.15	663.42	86.73	8.649		
8,900.00	7,239.39	7,244.47	7,244.01	59.24	30.96	-91.01	-2,624.44	-641.59	701.97	612.65	89.32	7.859		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,000.00	7,240.20	7,247.67	7,247.22	61.31	30.97	-91.30	-2,624.33	-641.67	665.42	573.52	91.89	7.241		
9,100.00	7,241.01	7,250.88	7,250.42	63.46	30.99	-91.59	-2,624.23	-641.75	642.47	548.35	94.13	6.826		
9,200.00	7,241.81	7,254.09	7,253.63	65.67	31.00	-91.88	-2,624.12	-641.83	634.62	538.94	95.69	6.632		
9,200.18	7,241.81	7,254.10	7,253.64	65.67	31.00	-91.88	-2,624.12	-641.83	634.62	538.93	95.69	6.632 CC, ES, SF		
9,300.00	7,242.62	7,257.30	7,256.84	67.93	31.01	-92.17	-2,624.02	-641.90	642.42	546.06	96.36	6.667		
9,400.00	7,243.43	7,260.51	7,260.04	70.25	31.03	-92.46	-2,623.92	-641.98	665.31	569.16	96.15	6.919		
9,500.00	7,244.24	7,263.72	7,263.25	72.60	31.04	-92.75	-2,623.81	-642.06	701.82	606.58	95.23	7.369		
9,600.00	7,245.04	7,266.93	7,266.45	74.99	31.06	-93.04	-2,623.71	-642.14	749.96	656.09	93.87	7.989		
9,700.00	7,245.85	7,270.13	7,269.66	77.42	31.07	-93.33	-2,623.60	-642.22	807.66	715.34	92.32	8.749		
9,800.00	7,246.66	7,273.34	7,272.87	79.87	31.08	-93.62	-2,623.50	-642.29	873.02	782.28	90.74	9.621		
9,900.00	7,247.47	7,276.55	7,276.07	82.36	31.10	-93.91	-2,623.39	-642.37	944.45	855.21	89.24	10.583		
10,000.00	7,248.28	7,279.76	7,279.28	84.87	31.11	-94.19	-2,623.29	-642.45	1,020.69	932.82	87.87	11.615		
10,100.00	7,249.08	7,282.97	7,282.48	87.40	31.13	-94.48	-2,623.19	-642.53	1,100.72	1,014.07	86.65	12.703		
10,200.00	7,249.89	7,286.18	7,285.69	89.95	31.14	-94.77	-2,623.08	-642.61	1,183.79	1,098.22	85.57	13.833		
10,300.00	7,250.70	7,289.39	7,288.90	92.52	31.15	-95.06	-2,622.98	-642.69	1,269.30	1,184.66	84.63	14.998		
10,400.00	7,251.51	7,292.59	7,292.10	95.11	31.17	-95.35	-2,622.87	-642.76	1,356.78	1,272.97	83.81	16.189		
10,500.00	7,252.31	7,295.80	7,295.31	97.71	31.18	-95.64	-2,622.77	-642.84	1,445.87	1,362.78	83.09	17.402		
10,600.00	7,253.12	7,299.01	7,298.51	100.33	31.20	-95.93	-2,622.66	-642.92	1,536.30	1,453.85	82.46	18.631		
10,700.00	7,253.93	7,302.22	7,301.72	102.96	31.21	-96.21	-2,622.56	-643.00	1,627.85	1,545.94	81.91	19.874		
10,800.00	7,254.74	7,305.43	7,304.92	105.61	31.22	-96.50	-2,622.46	-643.08	1,720.33	1,638.91	81.43	21.128		
10,900.00	7,255.55	7,308.64	7,308.13	108.26	31.24	-96.79	-2,622.35	-643.16	1,813.61	1,732.61	81.00	22.390		
11,000.00	7,256.35	7,311.85	7,311.34	110.92	31.25	-97.08	-2,622.25	-643.23	1,907.56	1,826.93	80.63	23.659		
11,100.00	7,257.16	7,315.05	7,314.54	113.60	31.27	-97.36	-2,622.14	-643.31	2,002.09	1,921.79	80.30	24.934		
11,200.00	7,257.97	7,318.26	7,317.75	116.28	31.28	-97.65	-2,622.04	-643.39	2,097.12	2,017.12	80.00	26.213		
11,300.00	7,258.78	7,321.47	7,320.95	118.97	31.29	-97.94	-2,621.93	-643.47	2,192.59	2,112.85	79.74	27.496		
11,400.00	7,259.58	7,324.68	7,324.16	121.67	31.31	-98.22	-2,621.83	-643.55	2,288.45	2,208.94	79.51	28.782		
11,500.00	7,260.39	7,327.89	7,327.37	124.38	31.32	-98.51	-2,621.73	-643.63	2,384.64	2,305.33	79.30	30.070		
11,600.00	7,261.20	7,331.10	7,330.57	127.09	31.34	-98.79	-2,621.62	-643.70	2,481.12	2,402.00	79.12	31.359		
11,700.00	7,262.01	7,334.31	7,333.78	129.81	31.35	-99.08	-2,621.52	-643.78	2,577.87	2,498.92	78.96	32.650		
11,800.00	7,262.82	7,337.51	7,336.98	132.53	31.37	-99.36	-2,621.41	-643.86	2,674.86	2,596.05	78.81	33.941		
11,900.00	7,263.62	7,340.72	7,340.19	135.26	31.38	-99.65	-2,621.31	-643.94	2,772.05	2,693.38	78.68	35.233		
12,000.00	7,264.43	7,343.93	7,343.40	138.00	31.39	-99.93	-2,621.20	-644.02	2,869.44	2,790.88	78.56	36.525		
12,100.00	7,265.24	7,347.14	7,346.60	140.74	31.41	-100.22	-2,621.10	-644.10	2,966.99	2,888.54	78.46	37.816		
12,200.00	7,266.05	7,350.35	7,349.81	143.49	31.42	-100.50	-2,621.00	-644.17	3,064.70	2,986.34	78.37	39.108		
12,300.00	7,266.86	7,353.56	7,353.01	146.24	31.44	-100.78	-2,620.89	-644.25	3,162.55	3,084.27	78.28	40.398		
12,400.00	7,267.66	7,356.77	7,356.22	148.99	31.45	-101.07	-2,620.79	-644.33	3,260.53	3,182.32	78.21	41.688		
12,500.00	7,268.47	7,359.97	7,359.43	151.75	31.46	-101.35	-2,620.68	-644.41	3,358.63	3,280.48	78.15	42.977		
12,600.00	7,269.28	7,363.18	7,362.63	154.51	31.48	-101.63	-2,620.58	-644.49	3,456.82	3,378.73	78.09	44.265		
12,700.00	7,270.09	7,366.39	7,365.84	157.27	31.49	-101.91	-2,620.47	-644.57	3,555.12	3,477.08	78.05	45.552		
12,800.00	7,270.89	7,369.60	7,369.04	160.04	31.51	-102.19	-2,620.37	-644.64	3,653.51	3,575.51	78.00	46.838		
12,900.00	7,271.70	7,372.81	7,372.25	162.81	31.52	-102.47	-2,620.27	-644.72	3,751.98	3,674.01	77.97	48.122		
13,000.00	7,272.51	7,376.02	7,375.45	165.58	31.53	-102.75	-2,620.16	-644.80	3,850.52	3,772.58	77.94	49.404		
13,100.00	7,273.32	7,379.22	7,378.66	168.36	31.55	-103.03	-2,620.06	-644.88	3,949.14	3,871.22	77.91	50.685		
13,200.00	7,274.13	7,382.43	7,381.87	171.14	31.56	-103.31	-2,619.95	-644.96	4,047.82	3,969.93	77.90	51.964		
13,300.00	7,274.93	7,385.64	7,385.07	173.92	31.58	-103.58	-2,619.85	-645.04	4,146.56	4,068.68	77.88	53.242		
13,400.00	7,275.74	7,388.85	7,388.28	176.71	31.59	-103.86	-2,619.74	-645.11	4,245.36	4,167.49	77.87	54.517		
13,500.00	7,276.55	7,392.06	7,391.48	179.49	31.60	-104.14	-2,619.64	-645.19	4,344.21	4,266.35	77.87	55.791		
13,555.88	7,277.00	7,393.85	7,393.28	181.05	31.61	-104.29	-2,619.58	-645.24	4,399.48	4,321.61	77.86	56.502		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-154.66	-3,690.72	-1,747.84	4,083.87					
100.00	100.00	60.00	60.00	3.28	3.44	-154.66	-3,690.72	-1,747.84	4,083.67	4,076.94	6.73	606.979		
200.00	200.00	160.00	160.00	3.34	5.05	-154.66	-3,690.72	-1,747.84	4,083.67	4,075.28	8.39	486.890		
300.00	299.98	259.98	259.98	3.44	8.03	59.43	-3,690.72	-1,747.84	4,082.78	4,071.31	11.47	355.925		
400.00	399.84	359.84	359.84	3.59	11.30	59.54	-3,690.72	-1,747.84	4,080.12	4,065.23	14.89	273.944		
500.00	499.45	459.45	459.45	3.79	14.67	59.72	-3,690.72	-1,747.84	4,075.70	4,057.25	18.46	220.833		
600.00	598.70	558.70	558.70	4.04	18.06	59.98	-3,690.72	-1,747.84	4,069.55	4,047.46	22.09	184.202		
700.00	697.47	657.47	657.47	4.32	21.46	60.30	-3,690.72	-1,747.84	4,061.69	4,035.91	25.78	157.579		
800.00	795.62	755.62	755.62	4.64	24.85	60.70	-3,690.72	-1,747.84	4,052.16	4,022.67	29.49	137.419		
900.00	893.06	853.06	853.06	5.01	28.23	61.17	-3,690.72	-1,747.84	4,041.01	4,007.79	33.22	121.651		
1,000.00	989.64	949.64	949.64	5.41	31.58	61.71	-3,690.72	-1,747.84	4,028.31	3,991.35	36.96	108.994		
1,100.00	1,085.27	1,045.27	1,045.27	5.85	34.90	62.32	-3,690.72	-1,747.84	4,014.10	3,973.40	40.71	98.614		
1,200.00	1,179.82	1,139.82	1,139.82	6.33	38.19	63.00	-3,690.72	-1,747.84	3,998.48	3,954.03	44.45	89.951		
1,300.00	1,273.78	1,233.78	1,233.78	6.85	41.46	63.41	-3,690.72	-1,747.84	3,982.29	3,934.08	48.21	82.605		
1,400.00	1,367.75	1,327.75	1,327.75	7.38	44.73	63.83	-3,690.72	-1,747.84	3,966.33	3,914.34	51.99	76.296		
1,500.00	1,461.72	1,421.72	1,421.72	7.93	48.00	64.26	-3,690.72	-1,747.84	3,950.59	3,894.81	55.78	70.823		
1,600.00	1,555.69	1,515.69	1,515.69	8.49	51.27	64.68	-3,690.72	-1,747.84	3,935.10	3,875.51	59.59	66.035		
1,700.00	1,649.66	1,609.66	1,609.66	9.07	54.55	65.11	-3,690.72	-1,747.84	3,919.84	3,856.42	63.41	61.814		
1,800.00	1,743.63	1,703.63	1,703.63	9.65	57.82	65.55	-3,690.72	-1,747.84	3,904.82	3,837.57	67.25	58.067		
1,900.00	1,837.60	1,802.40	1,797.60	10.24	61.26	65.98	-3,690.72	-1,747.84	3,890.04	3,818.78	71.26	54.591		
2,000.00	1,931.57	1,908.43	1,891.57	10.83	64.96	66.42	-3,690.72	-1,747.84	3,875.51	3,799.98	75.53	51.312		
2,100.00	2,025.54	1,985.54	1,985.54	11.43	67.65	66.86	-3,690.72	-1,747.84	3,861.22	3,782.43	78.80	49.001		
2,200.00	2,119.51	2,079.51	2,079.51	12.03	70.93	67.31	-3,690.72	-1,747.84	3,847.19	3,764.53	82.66	46.541		
2,300.00	2,213.48	2,173.48	2,173.48	12.64	74.20	67.75	-3,690.72	-1,747.84	3,833.41	3,746.88	86.53	44.300		
2,400.00	2,307.45	2,267.45	2,267.45	13.25	77.48	68.20	-3,690.72	-1,747.84	3,819.89	3,729.48	90.41	42.252		
2,500.00	2,401.42	2,361.42	2,361.42	13.87	80.76	68.66	-3,690.72	-1,747.84	3,806.63	3,712.34	94.29	40.373		
2,600.00	2,495.39	2,455.39	2,455.39	14.48	84.04	69.11	-3,690.72	-1,747.84	3,793.63	3,695.46	98.17	38.643		
2,700.00	2,589.35	2,549.35	2,549.35	15.10	87.31	69.57	-3,690.72	-1,747.84	3,780.89	3,678.83	102.06	37.046		
2,800.00	2,683.32	2,643.32	2,643.32	15.72	90.59	70.03	-3,690.72	-1,747.84	3,768.42	3,662.47	105.95	35.568		
2,900.00	2,777.29	2,737.29	2,737.29	16.34	93.87	70.50	-3,690.72	-1,747.84	3,756.22	3,646.38	109.84	34.196		
3,000.00	2,871.26	2,831.26	2,831.26	16.97	97.15	70.96	-3,690.72	-1,747.84	3,744.30	3,630.56	113.74	32.919		
3,100.00	2,965.23	2,925.23	2,925.23	17.59	100.43	71.43	-3,690.72	-1,747.84	3,732.65	3,615.00	117.64	31.729		
3,200.00	3,059.20	3,019.20	3,019.20	18.22	103.71	71.91	-3,690.72	-1,747.84	3,721.27	3,599.73	121.55	30.616		
3,300.00	3,153.17	3,113.17	3,113.17	18.84	106.99	72.38	-3,690.72	-1,747.84	3,710.18	3,584.73	125.45	29.575		
3,400.00	3,247.14	3,207.14	3,207.14	19.47	110.26	72.86	-3,690.72	-1,747.84	3,699.37	3,570.01	129.36	28.598		
3,500.00	3,341.11	3,301.11	3,301.11	20.10	113.54	73.34	-3,690.72	-1,747.84	3,688.85	3,555.58	133.27	27.680		
3,600.00	3,435.08	3,404.92	3,395.08	20.73	117.17	73.82	-3,690.72	-1,747.84	3,678.61	3,541.09	137.52	26.749		
3,700.00	3,529.05	3,489.05	3,489.05	21.36	120.10	74.30	-3,690.72	-1,747.84	3,668.67	3,527.57	141.10	26.001		
3,800.00	3,623.02	3,583.02	3,583.02	21.99	123.38	74.79	-3,690.72	-1,747.84	3,659.01	3,514.00	145.01	25.233		
3,900.00	3,716.99	3,676.99	3,676.99	22.62	126.66	75.28	-3,690.72	-1,747.84	3,649.66	3,500.73	148.93	24.506		
4,000.00	3,810.95	3,770.95	3,770.95	23.25	129.94	75.77	-3,690.72	-1,747.84	3,640.59	3,487.75	152.85	23.818		
4,100.00	3,904.92	3,864.92	3,864.92	23.88	133.22	76.26	-3,690.72	-1,747.84	3,631.83	3,475.06	156.77	23.167		
4,200.00	3,998.89	3,958.89	3,958.89	24.52	136.50	76.76	-3,690.72	-1,747.84	3,623.37	3,462.68	160.69	22.549		
4,300.00	4,092.86	4,052.86	4,052.86	25.15	139.78	77.26	-3,690.72	-1,747.84	3,615.22	3,450.60	164.61	21.962		
4,400.00	4,186.83	4,146.83	4,146.83	25.78	143.06	77.76	-3,690.72	-1,747.84	3,607.37	3,438.83	168.54	21.404		
4,500.00	4,280.80	4,240.80	4,240.80	26.42	146.34	78.26	-3,690.72	-1,747.84	3,599.83	3,427.36	172.46	20.873		
4,600.00	4,374.77	4,334.77	4,334.77	27.05	149.62	78.76	-3,690.72	-1,747.84	3,592.59	3,416.20	176.39	20.367		
4,700.00	4,468.74	4,428.74	4,428.74	27.68	152.90	79.26	-3,690.72	-1,747.84	3,585.67	3,405.35	180.32	19.885		
4,800.00	4,562.71	4,522.71	4,522.71	28.32	156.18	79.77	-3,690.72	-1,747.84	3,579.06	3,394.82	184.25	19.426		
4,900.00	4,656.68	4,616.68	4,616.68	28.95	159.46	80.28	-3,690.72	-1,747.84	3,572.77	3,384.60	188.17	18.987		
5,000.00	4,750.65	4,710.65	4,710.65	29.59	162.74	80.79	-3,690.72	-1,747.84	3,566.80	3,374.69	192.10	18.567		
5,100.00	4,844.62	4,804.62	4,804.62	30.23	166.02	81.30	-3,690.72	-1,747.84	3,561.14	3,365.11	196.03	18.166		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,901.41	4,898.59	30.86	169.39	81.81	-3,690.72	-1,747.84	3,555.80	3,355.74	200.06	17.774		
5,300.00	5,032.56	5,007.44	4,992.56	31.50	173.10	82.33	-3,690.72	-1,747.84	3,550.79	3,346.38	204.41	17.371		
5,400.00	5,126.52	5,086.52	5,086.52	32.13	175.86	82.84	-3,690.72	-1,747.84	3,546.10	3,338.27	207.82	17.063		
5,500.00	5,220.49	5,180.49	5,180.49	32.77	179.14	83.36	-3,690.72	-1,747.84	3,541.73	3,329.97	211.75	16.726		
5,600.00	5,314.46	5,274.46	5,274.46	33.41	182.42	83.88	-3,690.72	-1,747.84	3,537.68	3,322.00	215.69	16.402		
5,700.00	5,408.43	5,368.43	5,368.43	34.04	185.70	84.39	-3,690.72	-1,747.84	3,533.97	3,314.35	219.62	16.092		
5,800.00	5,502.40	5,462.40	5,462.40	34.68	188.98	84.91	-3,690.72	-1,747.84	3,530.58	3,307.03	223.55	15.793		
5,900.00	5,596.37	5,556.37	5,556.37	35.32	192.26	85.43	-3,690.72	-1,747.84	3,527.52	3,300.04	227.48	15.507		
6,000.00	5,690.34	5,650.34	5,650.34	35.96	195.54	85.95	-3,690.72	-1,747.84	3,524.79	3,293.38	231.41	15.232		
6,100.00	5,784.31	5,744.31	5,744.31	36.59	198.82	86.48	-3,690.72	-1,747.84	3,522.38	3,287.05	235.34	14.967		
6,200.00	5,878.28	5,838.28	5,838.28	37.23	202.10	87.00	-3,690.72	-1,747.84	3,520.31	3,281.05	239.27	14.713		
6,300.00	5,972.25	5,932.25	5,932.25	37.87	205.38	87.52	-3,690.72	-1,747.84	3,518.57	3,275.38	243.19	14.468		
6,400.00	6,066.22	6,026.22	6,026.22	38.51	208.66	88.04	-3,690.72	-1,747.84	3,517.17	3,270.04	247.12	14.232		
6,500.00	6,160.19	6,120.19	6,120.19	39.14	211.94	88.57	-3,690.72	-1,747.84	3,516.09	3,265.04	251.05	14.006		
6,600.00	6,254.16	6,214.16	6,214.16	39.78	215.22	89.09	-3,690.72	-1,747.84	3,515.35	3,260.37	254.98	13.787		
6,700.00	6,348.13	6,308.13	6,308.13	40.42	218.50	89.62	-3,690.72	-1,747.84	3,514.93	3,256.03	258.90	13.576		
6,773.44	6,417.14	6,377.14	6,377.14	40.89	220.91	90.00	-3,690.72	-1,747.84	3,514.85	3,253.06	261.78	13.427		
6,800.00	6,442.09	6,402.09	6,402.09	41.06	221.78	90.14	-3,690.72	-1,747.84	3,514.86	3,252.03	262.83	13.373		
6,869.92	6,507.80	6,467.80	6,467.80	41.51	224.07	90.51	-3,690.72	-1,747.84	3,515.00	3,249.43	265.57	13.236		
6,900.00	6,536.18	6,503.82	6,496.18	41.69	225.33	83.86	-3,690.72	-1,747.84	3,514.50	3,247.49	267.01	13.162		
6,950.00	6,583.76	6,543.76	6,543.76	41.98	226.72	70.75	-3,690.72	-1,747.84	3,511.05	3,242.36	268.69	13.067		
7,000.00	6,631.58	6,608.42	6,591.58	42.23	228.98	56.00	-3,690.72	-1,747.84	3,504.31	3,233.11	271.20	12.921		
7,050.00	6,679.34	6,639.34	6,639.34	42.44	230.06	41.40	-3,690.72	-1,747.84	3,494.31	3,221.81	272.50	12.823		
7,100.00	6,726.76	6,686.76	6,686.76	42.62	231.71	28.55	-3,690.72	-1,747.84	3,481.08	3,206.75	274.33	12.689		
7,150.00	6,773.53	6,733.53	6,733.53	42.78	233.35	17.98	-3,690.72	-1,747.84	3,464.69	3,188.58	276.12	12.548		
7,200.00	6,819.38	6,779.38	6,779.38	42.91	234.95	9.45	-3,690.72	-1,747.84	3,445.24	3,167.38	277.85	12.399		
7,250.00	6,864.01	6,824.01	6,824.01	43.03	236.50	2.43	-3,690.72	-1,747.84	3,422.83	3,143.29	279.53	12.245		
7,300.00	6,907.16	6,867.16	6,867.16	43.14	238.01	-3.55	-3,690.72	-1,747.84	3,397.59	3,116.44	281.15	12.085		
7,350.00	6,948.56	6,908.56	6,908.56	43.24	239.46	-8.90	-3,690.72	-1,747.84	3,369.68	3,086.98	282.70	11.920		
7,400.00	6,987.94	6,947.94	6,947.94	43.35	240.83	-13.93	-3,690.72	-1,747.84	3,339.29	3,055.11	284.18	11.751		
7,450.00	7,025.08	6,985.08	6,985.08	43.46	242.13	-18.87	-3,690.72	-1,747.84	3,306.60	3,021.02	285.58	11.579		
7,500.00	7,059.73	7,019.73	7,019.73	43.57	243.34	-23.93	-3,690.72	-1,747.84	3,271.83	2,984.93	286.90	11.404		
7,550.00	7,091.70	7,051.70	7,051.70	43.70	244.45	-29.27	-3,690.72	-1,747.84	3,235.22	2,947.09	288.13	11.228		
7,600.00	7,120.77	7,080.77	7,080.77	43.84	245.47	-35.03	-3,690.72	-1,747.84	3,197.02	2,907.75	289.27	11.052		
7,650.00	7,146.77	7,106.77	7,106.77	44.00	246.37	-41.30	-3,690.72	-1,747.84	3,157.49	2,867.17	290.32	10.876		
7,700.00	7,169.54	7,129.54	7,129.54	44.18	247.17	-48.10	-3,690.72	-1,747.84	3,116.91	2,825.64	291.27	10.701		
7,750.00	7,188.94	7,148.94	7,148.94	44.38	247.85	-55.38	-3,690.72	-1,747.84	3,075.56	2,783.45	292.11	10.529		
7,800.00	7,204.85	7,164.85	7,164.85	44.61	248.40	-62.97	-3,690.72	-1,747.84	3,033.75	2,740.89	292.85	10.359		
7,850.00	7,217.17	7,177.17	7,177.17	44.88	248.83	-70.62	-3,690.72	-1,747.84	2,991.76	2,698.27	293.49	10.194		
7,900.00	7,225.83	7,185.83	7,185.83	45.17	249.13	-78.02	-3,690.72	-1,747.84	2,949.90	2,655.89	294.02	10.033		
7,950.00	7,230.77	7,209.23	7,190.77	45.50	249.95	-84.90	-3,690.72	-1,747.84	2,908.48	2,613.40	295.08	9.857		
7,985.49	7,232.00	7,208.00	7,192.00	45.75	249.91	-89.36	-3,690.72	-1,747.84	2,879.50	2,584.28	295.22	9.754		
8,000.00	7,232.12	7,207.88	7,192.12	45.86	249.90	-89.36	-3,690.72	-1,747.84	2,867.76	2,572.46	295.30	9.711		
8,100.00	7,232.93	7,207.07	7,192.93	46.71	249.88	-89.39	-3,690.72	-1,747.84	2,787.53	2,491.65	295.89	9.421		
8,200.00	7,233.74	7,206.26	7,193.74	47.73	249.85	-89.42	-3,690.72	-1,747.84	2,708.62	2,412.04	296.59	9.133		
8,300.00	7,234.54	7,205.46	7,194.54	48.94	249.82	-89.45	-3,690.72	-1,747.84	2,631.14	2,333.74	297.41	8.847		
8,400.00	7,235.35	7,204.65	7,195.35	50.32	249.79	-89.47	-3,690.72	-1,747.84	2,555.23	2,256.87	298.36	8.564		
8,500.00	7,236.16	7,203.84	7,196.16	51.86	249.76	-89.50	-3,690.72	-1,747.84	2,481.03	2,181.56	299.46	8.285		
8,600.00	7,236.97	7,203.03	7,196.97	53.54	249.73	-89.53	-3,690.72	-1,747.84	2,408.69	2,107.97	300.72	8.010		
8,700.00	7,237.77	7,202.23	7,197.77	55.33	249.71	-89.56	-3,690.72	-1,747.84	2,338.39	2,036.26	302.13	7.740		
8,800.00	7,238.58	7,201.42	7,198.58	57.24	249.68	-89.58	-3,690.72	-1,747.84	2,270.32	1,966.60	303.72	7.475		
8,900.00	7,239.39	7,200.61	7,199.39	59.24	249.65	-89.61	-3,690.72	-1,747.84	2,204.68	1,899.21	305.48	7.217		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,240.20	7,200.20	7,200.20	61.31	249.64	-89.64	-3,690.72	-1,747.84	2,141.71	1,834.28	307.43	6.967		
9,100.00	7,241.01	7,201.01	7,201.01	63.46	249.66	-89.67	-3,690.72	-1,747.84	2,081.63	1,772.03	309.60	6.724		
9,200.00	7,241.81	7,201.81	7,201.81	65.67	249.69	-89.69	-3,690.72	-1,747.84	2,024.71	1,712.77	311.94	6.491		
9,300.00	7,242.62	7,202.62	7,202.62	67.93	249.72	-89.72	-3,690.72	-1,747.84	1,971.23	1,656.78	314.44	6.269		
9,400.00	7,243.43	7,203.43	7,203.43	70.25	249.75	-89.75	-3,690.72	-1,747.84	1,921.46	1,604.37	317.10	6.060		
9,500.00	7,244.24	7,204.24	7,204.24	72.60	249.78	-89.78	-3,690.72	-1,747.84	1,875.71	1,555.84	319.87	5.864		
9,600.00	7,245.04	7,205.04	7,205.04	74.99	249.80	-89.80	-3,690.72	-1,747.84	1,834.27	1,511.52	322.75	5.683		
9,700.00	7,245.85	7,205.85	7,205.85	77.42	249.83	-89.83	-3,690.72	-1,747.84	1,797.45	1,471.76	325.69	5.519		
9,800.00	7,246.66	7,206.66	7,206.66	79.87	249.86	-89.86	-3,690.72	-1,747.84	1,765.53	1,436.87	328.66	5.372		
9,900.00	7,247.47	7,207.47	7,207.47	82.36	249.89	-89.89	-3,690.72	-1,747.84	1,738.79	1,407.17	331.62	5.243		
10,000.00	7,248.28	7,208.28	7,208.28	84.87	249.92	-89.91	-3,690.72	-1,747.84	1,717.45	1,382.94	334.51	5.134		
10,100.00	7,249.08	7,209.08	7,209.08	87.40	249.95	-89.94	-3,690.72	-1,747.84	1,701.74	1,364.44	337.29	5.045		
10,200.00	7,249.89	7,209.89	7,209.89	89.95	249.97	-89.97	-3,690.72	-1,747.84	1,691.80	1,351.88	339.92	4.977		
10,300.00	7,250.70	7,210.70	7,210.70	92.52	250.00	-89.99	-3,690.72	-1,747.84	1,687.73	1,345.38	342.35	4.930		
10,318.69	7,250.85	7,210.85	7,210.85	93.01	250.01	-90.00	-3,690.72	-1,747.84	1,687.63	1,344.85	342.78	4.923 CC, ES		
10,400.00	7,251.51	7,211.51	7,211.51	95.11	250.03	-90.02	-3,690.72	-1,747.84	1,689.59	1,345.04	344.54	4.904		
10,500.00	7,252.31	7,212.31	7,212.31	97.71	250.06	-90.05	-3,690.72	-1,747.84	1,697.34	1,350.86	346.48	4.899 SF		
10,600.00	7,253.12	7,213.12	7,213.12	100.33	250.09	-90.08	-3,690.72	-1,747.84	1,710.91	1,362.77	348.14	4.914		
10,700.00	7,253.93	7,213.93	7,213.93	102.96	250.11	-90.10	-3,690.72	-1,747.84	1,730.17	1,380.65	349.52	4.950		
10,800.00	7,254.74	7,214.74	7,214.74	105.61	250.14	-90.13	-3,690.72	-1,747.84	1,754.92	1,404.31	350.61	5.005		
10,900.00	7,255.55	7,215.55	7,215.55	108.26	250.17	-90.16	-3,690.72	-1,747.84	1,784.93	1,433.50	351.43	5.079		
11,000.00	7,256.35	7,216.35	7,216.35	110.92	250.20	-90.19	-3,690.72	-1,747.84	1,819.96	1,467.95	352.00	5.170		
11,100.00	7,257.16	7,217.16	7,217.16	113.60	250.23	-90.21	-3,690.72	-1,747.84	1,859.70	1,507.36	352.34	5.278		
11,200.00	7,257.97	7,217.97	7,217.97	116.28	250.26	-90.24	-3,690.72	-1,747.84	1,903.88	1,551.40	352.47	5.401		
11,300.00	7,258.78	7,218.78	7,218.78	118.97	250.28	-90.27	-3,690.72	-1,747.84	1,952.18	1,599.75	352.42	5.539		
11,400.00	7,259.58	7,219.58	7,219.58	121.67	250.31	-90.30	-3,690.72	-1,747.84	2,004.31	1,652.09	352.22	5.690		
11,500.00	7,260.39	7,220.39	7,220.39	124.38	250.34	-90.32	-3,690.72	-1,747.84	2,059.97	1,708.09	351.89	5.854		
11,600.00	7,261.20	7,221.20	7,221.20	127.09	250.37	-90.35	-3,690.72	-1,747.84	2,118.90	1,767.45	351.45	6.029		
11,700.00	7,262.01	7,222.01	7,222.01	129.81	250.40	-90.38	-3,690.72	-1,747.84	2,180.82	1,829.90	350.92	6.215		
11,800.00	7,262.82	7,222.82	7,222.82	132.53	250.42	-90.41	-3,690.72	-1,747.84	2,245.49	1,895.16	350.33	6.410		
11,900.00	7,263.62	7,223.62	7,223.62	135.26	250.45	-90.43	-3,690.72	-1,747.84	2,312.68	1,962.99	349.69	6.614		
12,000.00	7,264.43	7,224.43	7,224.43	138.00	250.48	-90.46	-3,690.72	-1,747.84	2,382.17	2,033.15	349.01	6.825		
12,100.00	7,265.24	7,225.24	7,225.24	140.74	250.51	-90.49	-3,690.72	-1,747.84	2,453.76	2,105.45	348.31	7.045		
12,200.00	7,266.05	7,226.05	7,226.05	143.49	250.54	-90.52	-3,690.72	-1,747.84	2,527.29	2,179.70	347.59	7.271		
12,300.00	7,266.86	7,226.86	7,226.86	146.24	250.57	-90.54	-3,690.72	-1,747.84	2,602.58	2,255.71	346.87	7.503		
12,400.00	7,267.66	7,227.66	7,227.66	148.99	250.59	-90.57	-3,690.72	-1,747.84	2,679.49	2,333.34	346.15	7.741		
12,500.00	7,268.47	7,228.47	7,228.47	151.75	250.62	-90.60	-3,690.72	-1,747.84	2,757.88	2,412.45	345.43	7.984		
12,600.00	7,269.28	7,229.28	7,229.28	154.51	250.65	-90.63	-3,690.72	-1,747.84	2,837.63	2,492.91	344.72	8.232		
12,700.00	7,270.09	7,230.09	7,230.09	157.27	250.68	-90.65	-3,690.72	-1,747.84	2,918.62	2,574.60	344.02	8.484		
12,800.00	7,270.89	7,230.89	7,230.89	160.04	250.71	-90.68	-3,690.72	-1,747.84	3,000.77	2,657.43	343.34	8.740		
12,900.00	7,271.70	7,231.70	7,231.70	162.81	250.74	-90.71	-3,690.72	-1,747.84	3,083.96	2,741.29	342.67	9.000		
13,000.00	7,272.51	7,232.51	7,232.51	165.58	250.76	-90.74	-3,690.72	-1,747.84	3,168.13	2,826.11	342.03	9.263		
13,100.00	7,273.32	7,233.32	7,233.32	168.36	250.79	-90.76	-3,690.72	-1,747.84	3,253.20	2,911.80	341.40	9.529		
13,200.00	7,274.13	7,234.13	7,234.13	171.14	250.82	-90.79	-3,690.72	-1,747.84	3,339.09	2,998.30	340.79	9.798		
13,300.00	7,274.93	7,234.93	7,234.93	173.92	250.85	-90.82	-3,690.72	-1,747.84	3,425.75	3,085.54	340.20	10.070		
13,400.00	7,275.74	7,235.74	7,235.74	176.71	250.88	-90.84	-3,690.72	-1,747.84	3,513.11	3,173.48	339.63	10.344		
13,500.00	7,276.55	7,236.55	7,236.55	179.49	250.90	-90.87	-3,690.72	-1,747.84	3,601.14	3,262.05	339.08	10.620		
13,555.88	7,277.00	7,237.00	7,237.00	181.05	250.92	-90.89	-3,690.72	-1,747.84	3,650.60	3,311.81	338.79	10.776		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	136.67	-537.71	507.26	739.30					
100.00	100.00	93.69	93.69	3.28	0.21	136.70	-537.74	506.80	738.94	735.45	3.49	211.584		
200.00	200.00	198.94	198.93	3.34	0.44	136.80	-537.85	505.16	737.95	734.17	3.78	195.331		
300.00	299.98	304.09	304.04	3.44	0.68	-9.01	-538.04	502.34	734.53	730.41	4.12	178.384		
400.00	399.84	412.45	412.33	3.59	1.07	-8.93	-537.58	498.77	726.81	722.14	4.67	155.515		
500.00	499.45	515.90	515.72	3.79	1.52	-9.08	-534.86	496.22	714.61	709.28	5.33	134.102		
600.00	598.70	617.16	616.89	4.04	1.96	-9.37	-531.27	494.13	698.62	692.61	6.01	116.207		
700.00	697.47	717.57	717.19	4.32	2.39	-9.81	-526.85	492.44	678.90	672.18	6.73	100.950		
800.00	795.62	816.94	816.41	4.64	2.83	-10.43	-521.63	491.14	655.52	648.06	7.46	87.836		
900.00	893.06	913.68	912.98	5.01	3.25	-11.20	-516.08	490.12	628.71	620.49	8.22	76.529		
1,000.00	989.64	1,012.89	1,012.01	5.41	3.68	-12.15	-510.13	488.64	598.24	589.23	9.00	66.440		
1,100.00	1,085.27	1,111.67	1,110.61	5.85	4.12	-13.13	-505.14	485.63	564.23	554.42	9.81	57.509		
1,200.00	1,179.82	1,224.70	1,223.22	6.33	4.62	-14.42	-498.05	479.08	524.50	513.81	10.69	49.059		
1,300.00	1,273.78	1,329.64	1,327.40	6.85	5.09	-15.82	-488.44	470.92	480.29	468.77	11.53	41.663		
1,400.00	1,367.75	1,430.94	1,427.49	7.38	5.55	-17.78	-475.77	461.95	433.61	421.27	12.34	35.142		
1,500.00	1,461.72	1,524.56	1,519.51	7.93	5.98	-20.43	-460.94	453.22	385.14	372.00	13.14	29.310		
1,600.00	1,555.69	1,609.21	1,602.41	8.49	6.37	-23.92	-445.41	446.06	336.74	322.77	13.97	24.111		
1,700.00	1,649.66	1,698.37	1,689.63	9.07	6.78	-29.00	-428.17	439.33	289.94	275.10	14.84	19.538		
1,800.00	1,743.63	1,783.48	1,772.66	9.65	7.18	-35.61	-410.97	431.97	244.34	228.53	15.81	15.456		
1,900.00	1,837.60	1,868.18	1,855.44	10.24	7.58	-44.29	-394.93	423.98	202.49	185.58	16.91	11.975		
2,000.00	1,931.57	1,950.94	1,936.43	10.83	7.97	-55.88	-379.56	416.66	167.73	149.52	18.21	9.209		
2,100.00	2,025.54	2,034.81	2,018.43	11.43	8.37	-71.49	-363.25	409.98	145.17	125.54	19.63	7.394		
2,177.23	2,098.11	2,101.54	2,083.62	11.90	8.69	-85.80	-350.01	404.68	139.65	119.07	20.58	6.785 CC, ES		
2,200.00	2,119.51	2,121.45	2,103.09	12.03	8.78	-90.11	-346.24	403.01	140.13	119.32	20.81	6.735 SF		
2,300.00	2,213.48	2,205.94	2,185.83	12.64	9.19	-107.27	-330.57	395.99	153.51	132.07	21.44	7.160		
2,400.00	2,307.45	2,288.56	2,266.71	13.25	9.58	-120.78	-314.80	390.07	182.39	160.62	21.77	8.378		
2,500.00	2,401.42	2,374.24	2,350.52	13.87	9.99	-130.94	-297.74	385.05	220.98	198.77	22.21	9.950		
2,600.00	2,495.39	2,461.07	2,435.67	14.48	10.40	-138.31	-281.46	380.03	263.37	240.59	22.78	11.560		
2,700.00	2,589.35	2,543.09	2,516.02	15.10	10.80	-143.38	-265.64	375.66	309.01	285.68	23.34	13.242		
2,800.00	2,683.32	2,624.31	2,595.35	15.72	11.19	-147.17	-248.70	371.48	357.64	333.70	23.94	14.939		
2,900.00	2,777.29	2,712.63	2,681.66	16.34	11.61	-150.39	-230.61	366.67	407.06	382.32	24.74	16.456		
3,000.00	2,871.26	2,792.93	2,760.06	16.97	12.00	-152.82	-214.08	361.43	457.46	432.07	25.39	18.017		
3,100.00	2,965.23	2,882.76	2,847.76	17.59	12.44	-155.13	-195.80	354.74	508.41	482.16	26.25	19.366		
3,200.00	3,059.20	2,968.51	2,931.57	18.22	12.85	-157.01	-179.04	347.78	559.30	532.25	27.04	20.681		
3,300.00	3,153.17	3,072.61	3,033.61	18.84	13.36	-158.97	-160.44	339.04	609.24	581.09	28.15	21.643		
3,400.00	3,247.14	3,173.82	3,133.32	19.47	13.84	-160.57	-145.11	331.00	657.08	627.90	29.18	22.519		
3,500.00	3,341.11	3,268.40	3,226.77	20.10	14.28	-161.76	-131.81	324.84	703.89	673.78	30.10	23.383		
3,600.00	3,435.08	3,376.28	3,333.66	20.73	14.77	-162.91	-118.61	318.73	749.09	717.89	31.20	24.011		
3,700.00	3,529.05	3,487.41	3,444.13	21.36	15.27	-163.95	-107.99	313.15	791.96	759.65	32.30	24.516		
3,800.00	3,623.02	3,593.78	3,550.13	21.99	15.74	-164.84	-100.28	308.61	832.75	799.42	33.33	24.984		
3,900.00	3,716.99	3,718.13	3,674.26	22.62	16.27	-165.58	-93.30	306.77	871.44	836.92	34.52	25.245		
4,000.00	3,810.95	3,820.67	3,776.72	23.25	16.70	-166.03	-89.56	307.63	907.65	872.17	35.48	25.585		
4,100.00	3,904.92	3,914.54	3,870.52	23.88	17.09	-166.38	-86.46	308.88	943.42	907.07	36.35	25.952		
4,200.00	3,998.89	4,014.62	3,970.57	24.52	17.51	-166.79	-83.94	309.54	978.77	941.49	37.29	26.251		
4,300.00	4,092.86	4,111.50	4,067.44	25.15	17.91	-167.23	-82.40	309.26	1,013.69	975.50	38.19	26.542		
4,400.00	4,186.83	4,211.44	4,167.37	25.78	18.32	-167.66	-81.17	308.95	1,048.36	1,009.24	39.12	26.798		
4,500.00	4,280.80	4,318.87	4,274.80	26.42	18.75	-168.18	-81.70	307.66	1,081.88	1,041.78	40.09	26.985		
4,600.00	4,374.77	4,421.38	4,377.27	27.05	19.15	-168.70	-83.37	305.70	1,114.77	1,073.76	41.01	27.182		
4,700.00	4,468.74	4,534.57	4,490.41	27.68	19.59	-169.22	-86.36	304.39	1,146.57	1,104.58	42.00	27.301		
4,800.00	4,562.71	4,624.71	4,580.49	28.32	19.94	-169.61	-89.48	303.81	1,177.52	1,134.70	42.82	27.498		
4,900.00	4,656.68	4,706.15	4,661.91	28.95	20.26	-169.92	-91.33	303.49	1,209.43	1,165.85	43.58	27.749		
5,000.00	4,750.65	4,793.65	4,749.41	29.59	20.61	-170.18	-92.14	303.63	1,242.31	1,197.92	44.39	27.985		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,100.00	4,844.62	4,888.60	4,844.35	30.23	20.98	-170.43	-92.71	304.23	1,275.32	1,230.06	45.26	28.179		
5,200.00	4,938.59	4,984.87	4,940.61	30.86	21.36	-170.67	-93.39	304.82	1,308.26	1,262.12	46.14	28.356		
5,300.00	5,032.56	5,081.88	5,037.62	31.50	21.75	-170.92	-94.41	305.16	1,341.04	1,294.01	47.02	28.519		
5,400.00	5,126.52	5,169.52	5,125.25	32.13	22.10	-171.15	-95.44	305.26	1,373.83	1,325.99	47.84	28.718		
5,500.00	5,220.49	5,249.35	5,205.08	32.77	22.43	-171.37	-96.00	304.48	1,407.49	1,358.89	48.60	28.961		
5,600.00	5,314.46	5,329.82	5,285.55	33.41	22.76	-171.56	-95.57	303.83	1,442.13	1,392.76	49.37	29.210		
5,700.00	5,408.43	5,416.95	5,372.66	34.04	23.13	-171.75	-94.46	303.21	1,477.38	1,427.18	50.20	29.427		
5,800.00	5,502.40	5,503.83	5,459.52	34.68	23.50	-171.96	-93.38	301.65	1,513.07	1,462.04	51.04	29.648		
5,900.00	5,596.37	5,643.14	5,598.82	35.32	24.08	-172.26	-92.97	300.29	1,547.69	1,495.37	52.32	29.580		
6,000.00	5,690.34	5,750.20	5,705.86	35.96	24.51	-172.46	-94.77	300.74	1,579.98	1,526.68	53.30	29.643		
6,100.00	5,784.31	5,834.44	5,790.10	36.59	24.86	-172.62	-96.02	300.83	1,612.63	1,558.53	54.10	29.810		
6,200.00	5,878.28	5,919.01	5,874.65	37.23	25.20	-172.72	-96.03	302.14	1,645.91	1,591.01	54.90	29.981		
6,300.00	5,972.25	6,005.77	5,961.40	37.87	25.56	-172.82	-95.77	303.05	1,679.66	1,623.94	55.72	30.145		
6,400.00	6,066.22	6,097.32	6,052.95	38.51	25.94	-172.93	-95.32	303.64	1,713.76	1,657.18	56.59	30.286		
6,500.00	6,160.19	6,199.01	6,154.64	39.14	26.36	-173.07	-95.23	303.96	1,747.68	1,690.15	57.53	30.376		
6,600.00	6,254.16	6,295.22	6,250.86	39.78	26.75	-173.21	-95.70	304.08	1,781.20	1,722.77	58.43	30.483		
6,700.00	6,348.13	6,383.10	6,338.73	40.42	27.11	-173.34	-96.02	303.93	1,814.97	1,755.70	59.26	30.625		
6,800.00	6,442.09	7,796.31	7,237.11	41.06	36.30	-151.83	-81.79	1,089.98	1,836.42	1,769.39	67.04	27.393		
6,869.92	6,507.80	7,813.09	7,237.58	41.51	36.55	-151.31	-81.22	1,106.75	1,827.19	1,758.67	68.52	26.666		
6,900.00	6,536.18	7,819.99	7,237.78	41.69	36.66	-157.58	-81.01	1,113.64	1,823.95	1,754.81	69.14	26.382		
6,950.00	6,583.76	7,827.88	7,238.03	41.98	36.79	-170.11	-80.77	1,121.53	1,819.48	1,749.41	70.06	25.969		
7,000.00	6,631.58	7,831.07	7,238.14	42.23	36.84	175.64	-80.67	1,124.71	1,816.21	1,745.35	70.86	25.632		
7,050.00	6,679.34	7,829.29	7,238.08	42.44	36.81	161.48	-80.73	1,122.93	1,814.20	1,742.69	71.51	25.371		
7,100.00	6,726.76	7,822.29	7,237.86	42.62	36.70	148.98	-80.93	1,115.94	1,813.45	1,741.44	72.01	25.183		
7,105.25	6,731.70	7,821.25	7,237.82	42.64	36.68	147.80	-80.97	1,114.90	1,813.44	1,741.39	72.05	25.168		
7,150.00	6,773.53	7,809.86	7,237.48	42.78	36.50	138.71	-81.33	1,103.53	1,813.92	1,741.56	72.36	25.068		
7,200.00	6,819.38	7,794.32	7,237.06	42.91	36.27	130.52	-81.86	1,088.00	1,815.53	1,742.92	72.61	25.002		
7,250.00	6,864.01	7,776.89	7,236.56	43.03	36.02	123.99	-82.47	1,070.58	1,818.20	1,745.39	72.80	24.974		
7,300.00	6,907.16	7,755.91	7,235.93	43.14	35.72	118.63	-83.19	1,049.62	1,821.79	1,748.90	72.89	24.993		
7,350.00	6,948.56	7,731.54	7,235.15	43.24	35.37	114.11	-84.03	1,025.28	1,826.17	1,753.28	72.89	25.053		
7,400.00	6,987.94	7,709.00	7,234.38	43.35	35.05	110.34	-84.79	1,002.77	1,831.17	1,758.27	72.90	25.119		
7,450.00	7,025.08	7,694.76	7,233.89	43.46	34.86	107.30	-85.20	988.54	1,836.80	1,763.73	73.07	25.139		
7,500.00	7,059.73	7,681.39	7,233.43	43.57	34.69	104.68	-85.42	975.18	1,843.05	1,769.80	73.25	25.161		
7,550.00	7,091.70	7,657.00	7,232.62	43.70	34.37	102.15	-85.47	950.81	1,849.88	1,776.63	73.26	25.252		
7,600.00	7,120.77	7,643.04	7,232.12	43.84	34.20	100.10	-85.35	936.85	1,856.96	1,783.47	73.48	25.271		
7,650.00	7,146.77	7,601.67	7,230.23	44.00	33.72	97.80	-85.00	895.53	1,863.96	1,790.67	73.29	25.431		
7,700.00	7,169.54	7,554.61	7,227.26	44.18	33.18	95.71	-84.58	848.56	1,870.56	1,797.49	73.06	25.603		
7,750.00	7,188.94	7,473.68	7,213.62	44.38	32.35	93.27	-84.63	768.90	1,876.06	1,803.67	72.39	25.915		
7,800.00	7,204.85	7,383.56	7,186.08	44.61	31.58	90.82	-86.52	683.15	1,880.05	1,808.33	71.72	26.215		
7,850.00	7,217.17	7,315.84	7,158.63	44.88	31.11	88.98	-89.31	621.35	1,882.55	1,811.09	71.46	26.343		
7,900.00	7,225.83	7,280.00	7,141.28	45.17	30.87	87.93	-91.17	590.05	1,883.96	1,812.28	71.68	26.284		
7,950.00	7,230.77	7,249.68	7,124.87	45.50	30.71	87.15	-92.69	564.61	1,884.74	1,812.69	72.05	26.157		
7,985.49	7,232.00	7,234.75	7,116.13	45.75	30.63	86.81	-93.31	552.53	1,885.06	1,812.63	72.43	26.025		
8,000.00	7,232.12	7,228.76	7,112.50	45.86	30.60	86.70	-93.54	547.76	1,885.18	1,812.59	72.59	25.969		
8,100.00	7,232.93	7,187.00	7,085.40	46.71	30.39	85.87	-94.72	516.04	1,888.14	1,814.36	73.78	25.593		
8,200.00	7,233.74	7,131.59	7,045.47	47.73	30.14	84.65	-96.02	477.67	1,894.55	1,819.64	74.91	25.290		
8,300.00	7,234.54	7,093.00	7,015.54	48.94	29.98	83.74	-97.13	453.35	1,904.32	1,827.98	76.34	24.945		
8,400.00	7,235.35	7,060.71	6,989.37	50.32	29.85	82.95	-97.91	434.46	1,918.18	1,840.26	77.92	24.619		
8,500.00	7,236.16	7,037.67	6,970.18	51.86	29.76	82.37	-98.20	421.70	1,936.43	1,856.80	79.63	24.318		
8,600.00	7,236.97	6,999.00	6,937.09	53.54	29.61	81.37	-98.17	401.71	1,959.22	1,878.10	81.12	24.152		
8,700.00	7,237.77	6,999.00	6,937.09	55.33	29.61	81.37	-98.17	401.71	1,985.88	1,902.81	83.08	23.904		
8,800.00	7,238.58	6,975.72	6,916.68	57.24	29.52	80.77	-97.92	390.52	2,016.86	1,932.17	84.68	23.817		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,900.00	7,239.39	6,956.15	6,899.26	59.24	29.44	80.25	-97.64	381.60	2,051.77	1,965.52	86.26	23.787		
9,000.00	7,240.20	6,938.43	6,883.30	61.31	29.38	79.78	-97.33	373.91	2,090.51	2,002.74	87.77	23.819		
9,100.00	7,241.01	6,904.00	6,851.81	63.46	29.24	78.85	-96.59	360.02	2,133.10	2,044.11	89.00	23.969		
9,200.00	7,241.81	6,904.00	6,851.81	65.67	29.24	78.85	-96.59	360.02	2,178.79	2,088.28	90.51	24.072		
9,300.00	7,242.62	6,882.67	6,832.00	67.93	29.16	78.27	-96.20	352.12	2,227.89	2,136.20	91.69	24.298		
9,400.00	7,243.43	6,857.75	6,808.61	70.25	29.06	77.59	-96.11	343.55	2,279.93	2,187.19	92.74	24.585		
9,500.00	7,244.24	6,836.63	6,788.58	72.60	28.98	77.01	-96.32	336.85	2,334.77	2,241.05	93.72	24.911		
9,600.00	7,245.04	6,812.00	6,765.02	74.99	28.88	76.33	-96.91	329.70	2,392.31	2,297.73	94.58	25.294		
9,700.00	7,245.85	6,812.00	6,765.02	77.42	28.88	76.33	-96.91	329.70	2,452.38	2,356.78	95.60	25.653		
9,800.00	7,246.66	6,812.00	6,765.02	79.87	28.88	76.33	-96.91	329.70	2,515.00	2,418.48	96.52	26.056		
9,900.00	7,247.47	6,812.00	6,765.02	82.36	28.88	76.33	-96.91	329.70	2,579.98	2,482.63	97.36	26.501		
10,000.00	7,248.28	6,812.00	6,765.02	84.87	28.88	76.33	-96.91	329.70	2,647.14	2,549.03	98.11	26.982		
10,100.00	7,249.08	6,812.00	6,765.02	87.40	28.88	76.33	-96.91	329.70	2,716.32	2,617.54	98.78	27.497		
10,200.00	7,249.89	6,812.00	6,765.02	89.95	28.88	76.33	-96.91	329.70	2,787.38	2,687.98	99.39	28.044		
10,300.00	7,250.70	6,812.00	6,765.02	92.52	28.88	76.33	-96.91	329.70	2,860.16	2,760.22	99.94	28.619		
10,400.00	7,251.51	6,772.15	6,726.44	95.11	28.72	75.21	-97.71	319.75	2,933.17	2,833.02	100.15	29.288		
10,500.00	7,252.31	6,768.05	6,722.44	97.71	28.71	75.10	-97.74	318.84	3,008.74	2,908.16	100.57	29.916		
10,600.00	7,253.12	6,764.14	6,718.63	100.33	28.69	74.99	-97.76	318.00	3,085.67	2,984.72	100.96	30.565		
10,700.00	7,253.93	6,760.43	6,715.00	102.96	28.68	74.89	-97.77	317.22	3,163.87	3,062.57	101.30	31.233		
10,800.00	7,254.74	6,756.89	6,711.53	105.61	28.66	74.79	-97.77	316.49	3,243.25	3,141.64	101.61	31.919		
10,900.00	7,255.55	6,718.00	6,673.27	108.26	28.51	73.71	-97.33	309.60	3,324.81	3,223.16	101.66	32.706		
11,000.00	7,256.35	6,718.00	6,673.27	110.92	28.51	73.71	-97.33	309.60	3,406.11	3,304.17	101.94	33.414		
11,100.00	7,257.16	6,718.00	6,673.27	113.60	28.51	73.71	-97.33	309.60	3,488.37	3,386.19	102.19	34.138		
11,200.00	7,257.97	6,718.00	6,673.27	116.28	28.51	73.71	-97.33	309.60	3,571.55	3,469.14	102.41	34.875		
11,300.00	7,258.78	6,718.00	6,673.27	118.97	28.51	73.71	-97.33	309.60	3,655.56	3,552.95	102.61	35.626		
11,400.00	7,259.58	6,718.00	6,673.27	121.67	28.51	73.71	-97.33	309.60	3,740.36	3,637.57	102.79	36.388		
11,500.00	7,260.39	6,718.00	6,673.27	124.38	28.51	73.71	-97.33	309.60	3,825.90	3,722.95	102.95	37.162		
11,600.00	7,261.20	6,718.00	6,673.27	127.09	28.51	73.71	-97.33	309.60	3,912.12	3,809.02	103.10	37.946		
11,700.00	7,262.01	6,718.00	6,673.27	129.81	28.51	73.71	-97.33	309.60	3,998.98	3,895.75	103.23	38.739		
11,800.00	7,262.82	6,718.00	6,673.27	132.53	28.51	73.71	-97.33	309.60	4,086.45	3,983.10	103.35	39.542		
11,900.00	7,263.62	6,718.00	6,673.27	135.26	28.51	73.71	-97.33	309.60	4,174.47	4,071.02	103.45	40.352		
12,000.00	7,264.43	6,718.00	6,673.27	138.00	28.51	73.71	-97.33	309.60	4,263.03	4,159.48	103.54	41.171		
12,100.00	7,265.24	6,718.00	6,673.27	140.74	28.51	73.71	-97.33	309.60	4,352.08	4,248.45	103.63	41.996		
12,200.00	7,266.05	6,718.00	6,673.27	143.49	28.51	73.71	-97.33	309.60	4,441.60	4,337.89	103.71	42.829		
12,300.00	7,266.86	6,718.00	6,673.27	146.24	28.51	73.71	-97.33	309.60	4,531.55	4,427.78	103.77	43.667		
12,400.00	7,267.66	6,718.00	6,673.27	148.99	28.51	73.71	-97.33	309.60	4,621.92	4,518.09	103.84	44.512		
12,500.00	7,268.47	6,718.00	6,673.27	151.75	28.51	73.71	-97.33	309.60	4,712.68	4,608.79	103.89	45.362		
12,600.00	7,269.28	6,718.00	6,673.27	154.51	28.51	73.71	-97.33	309.60	4,803.80	4,699.86	103.94	46.216		
12,700.00	7,270.09	6,718.00	6,673.27	157.27	28.51	73.71	-97.33	309.60	4,895.27	4,791.29	103.99	47.076		
12,800.00	7,270.89	6,718.00	6,673.27	160.04	28.51	73.71	-97.33	309.60	4,987.07	4,883.05	104.03	47.940		
12,900.00	7,271.70	6,718.00	6,673.27	162.81	28.51	73.71	-97.33	309.60	5,079.18	4,975.12	104.06	48.808		
13,000.00	7,272.51	6,718.00	6,673.27	165.58	28.51	73.71	-97.33	309.60	5,171.58	5,067.49	104.10	49.681		
13,100.00	7,273.32	6,718.00	6,673.27	168.36	28.51	73.71	-97.33	309.60	5,264.26	5,160.13	104.13	50.556		
13,200.00	7,274.13	6,718.00	6,673.27	171.14	28.51	73.71	-97.33	309.60	5,357.20	5,253.05	104.15	51.435		
13,300.00	7,274.93	6,718.00	6,673.27	173.92	28.51	73.71	-97.33	309.60	5,450.40	5,346.22	104.18	52.318		
13,400.00	7,275.74	6,718.00	6,673.27	176.71	28.51	73.71	-97.33	309.60	5,543.83	5,439.62	104.20	53.203		
13,500.00	7,276.55	6,718.00	6,673.27	179.49	28.51	73.71	-97.33	309.60	5,637.48	5,533.26	104.22	54.091		
13,555.88	7,277.00	6,718.00	6,673.27	181.05	28.51	73.71	-97.33	309.60	5,689.91	5,585.68	104.23	54.588		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	129.43	-417.86	508.10	657.94					
100.00	100.00	94.45	94.44	3.28	3.29	129.54	-418.59	506.99	657.48	650.91	6.57	100.046		
200.00	200.00	199.97	199.86	3.34	3.32	129.91	-420.98	503.26	656.21	649.55	6.66	98.552		
300.00	299.98	304.36	304.19	3.44	3.42	-15.85	-421.77	499.89	652.54	645.68	6.86	95.065		
400.00	399.84	425.52	425.24	3.59	3.60	-16.13	-418.18	496.87	643.75	636.53	7.22	89.142		
500.00	499.45	547.83	547.18	3.79	3.86	-16.65	-410.85	490.77	627.72	620.01	7.71	81.389		
600.00	598.70	648.46	647.28	4.04	4.11	-17.31	-402.89	484.22	606.12	597.92	8.20	73.892		
700.00	697.47	808.44	805.48	4.32	4.59	-18.60	-386.48	468.37	578.01	568.93	9.08	63.654		
800.00	795.62	900.10	895.05	4.64	4.90	-19.81	-372.58	454.83	539.69	530.04	9.64	55.959		
900.00	893.06	974.42	968.00	5.01	5.16	-21.12	-362.19	445.16	500.48	490.31	10.17	49.221		
1,000.00	989.64	1,053.62	1,046.16	5.41	5.44	-22.74	-353.04	436.23	461.16	450.39	10.77	42.835		
1,100.00	1,085.27	1,143.75	1,135.34	5.85	5.78	-24.87	-344.35	426.45	420.54	409.08	11.46	36.711		
1,200.00	1,179.82	1,235.96	1,226.50	6.33	6.14	-27.77	-335.32	415.92	377.01	364.82	12.19	30.938		
1,300.00	1,273.78	1,320.55	1,310.09	6.85	6.48	-30.88	-326.44	406.44	332.66	319.74	12.92	25.741		
1,400.00	1,367.75	1,407.19	1,395.81	7.38	6.83	-35.03	-317.44	397.64	290.36	276.65	13.71	21.179		
1,500.00	1,461.72	1,495.40	1,483.09	7.93	7.19	-40.54	-308.26	388.76	249.96	235.40	14.56	17.166		
1,600.00	1,555.69	1,583.60	1,570.30	8.49	7.56	-48.06	-298.49	379.99	212.41	196.91	15.50	13.704		
1,700.00	1,649.66	1,670.22	1,655.92	9.07	7.93	-58.08	-288.44	371.53	179.88	163.32	16.56	10.860		
1,800.00	1,743.63	1,757.57	1,742.41	9.65	8.30	-70.98	-278.91	363.81	156.26	138.53	17.73	8.813		
1,900.00	1,837.60	1,846.52	1,830.49	10.24	8.68	-86.69	-269.40	355.80	144.34	125.47	18.87	7.648		
1,929.96	1,865.75	1,872.39	1,856.09	10.41	8.79	-91.56	-266.55	353.44	143.61	124.44	19.17	7.490 CC, ES		
2,000.00	1,931.57	1,932.97	1,916.00	10.83	9.05	-102.92	-259.47	347.93	147.64	127.88	19.76	7.473 SF		
2,100.00	2,025.54	2,022.35	2,004.48	11.43	9.44	-117.77	-249.35	340.33	165.28	144.88	20.39	8.105		
2,200.00	2,119.51	2,117.07	2,098.53	12.03	9.84	-129.83	-240.95	332.96	191.12	170.10	21.02	9.091		
2,300.00	2,213.48	2,211.74	2,192.83	12.64	10.24	-138.54	-235.25	326.88	220.66	198.97	21.69	10.174		
2,400.00	2,307.45	2,311.05	2,291.92	13.25	10.65	-145.31	-232.02	321.25	251.26	228.81	22.45	11.193		
2,500.00	2,401.42	2,410.33	2,391.12	13.87	11.05	-150.23	-231.73	317.47	281.20	257.97	23.23	12.103		
2,600.00	2,495.39	2,500.52	2,481.27	14.48	11.40	-153.68	-231.51	314.88	312.38	288.42	23.96	13.035		
2,700.00	2,589.35	2,604.23	2,584.93	15.10	11.81	-156.98	-232.65	311.84	343.28	318.44	24.83	13.822		
2,800.00	2,683.32	2,700.68	2,681.34	15.72	12.18	-159.11	-235.35	312.08	372.60	346.95	25.65	14.528		
2,900.00	2,777.29	2,780.71	2,761.36	16.34	12.49	-160.56	-235.62	312.32	404.52	378.19	26.33	15.365		
3,000.00	2,871.26	2,875.56	2,856.20	16.97	12.88	-162.13	-234.66	311.49	438.28	411.11	27.17	16.129		
3,100.00	2,965.23	2,984.29	2,964.91	17.59	13.31	-163.63	-235.87	311.59	470.05	441.91	28.14	16.704		
3,200.00	3,059.20	3,074.09	3,054.69	18.22	13.65	-164.52	-237.07	313.29	501.31	472.38	28.93	17.331		
3,300.00	3,153.17	3,159.65	3,140.23	18.84	13.99	-165.25	-236.91	314.74	534.07	504.39	29.68	17.994		
3,400.00	3,247.14	3,250.45	3,231.02	19.47	14.35	-166.01	-236.04	315.33	567.95	537.45	30.50	18.622		
3,500.00	3,341.11	3,345.33	3,325.91	20.10	14.75	-166.80	-235.31	315.12	602.06	570.69	31.37	19.191		
3,600.00	3,435.08	3,436.71	3,417.28	20.73	15.13	-167.50	-234.62	314.61	636.36	604.15	32.22	19.754		
3,700.00	3,529.05	3,529.72	3,510.29	21.36	15.52	-168.17	-233.84	313.77	670.93	637.86	33.08	20.284		
3,800.00	3,623.02	3,615.26	3,595.81	21.99	15.88	-168.76	-232.79	312.45	706.17	672.31	33.86	20.854		
3,900.00	3,716.99	3,733.27	3,713.81	22.62	16.36	-169.42	-232.40	312.12	740.17	705.20	34.97	21.167		
4,000.00	3,810.95	3,825.19	3,805.70	23.25	16.72	-169.75	-232.55	313.96	772.95	737.15	35.80	21.589		
4,100.00	3,904.92	3,915.22	3,895.70	23.88	17.08	-169.98	-231.79	316.27	806.40	769.77	36.63	22.016		
4,200.00	3,998.89	4,023.11	4,003.56	24.52	17.52	-170.28	-231.92	318.75	839.14	801.52	37.62	22.306		
4,300.00	4,092.86	4,129.45	4,109.86	25.15	17.94	-170.68	-234.27	320.18	870.48	831.90	38.58	22.562		
4,400.00	4,186.83	4,226.90	4,207.25	25.78	18.33	-171.09	-237.71	321.06	900.91	861.44	39.47	22.825		
4,500.00	4,280.80	4,311.23	4,291.50	26.42	18.67	-171.53	-241.09	320.01	931.88	891.63	40.25	23.152		
4,600.00	4,374.77	4,391.37	4,371.55	27.05	18.99	-172.00	-243.64	317.46	964.38	923.39	40.99	23.526		
4,700.00	4,468.74	4,479.71	4,459.86	27.68	19.36	-172.43	-245.25	315.17	997.86	956.05	41.81	23.864		
4,800.00	4,562.71	4,572.95	4,553.08	28.32	19.74	-172.72	-245.76	314.54	1,031.65	988.97	42.68	24.171		
4,900.00	4,656.68	4,666.23	4,646.36	28.95	20.12	-172.89	-245.27	315.63	1,065.55	1,022.00	43.55	24.468		
5,000.00	4,750.65	4,765.51	4,745.61	29.59	20.53	-172.98	-244.37	317.94	1,099.27	1,054.79	44.48	24.715		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,100.00	4,844.62	4,862.92	4,842.97	30.23	20.93	-173.04	-243.75	320.99	1,132.41	1,087.02	45.39	24.948		
5,200.00	4,938.59	4,946.25	4,926.29	30.86	21.28	-173.16	-243.38	322.15	1,166.14	1,119.98	46.17	25.259		
5,300.00	5,032.56	5,045.57	5,025.61	31.50	21.69	-173.38	-243.67	321.88	1,200.02	1,152.91	47.10	25.476		
5,400.00	5,126.52	5,144.37	5,124.39	32.13	22.10	-173.63	-244.63	321.10	1,233.56	1,185.53	48.03	25.681		
5,500.00	5,220.49	5,243.57	5,223.58	32.77	22.51	-173.88	-246.19	320.31	1,266.63	1,217.66	48.96	25.868		
5,600.00	5,314.46	5,329.99	5,309.97	33.41	22.86	-174.12	-247.87	318.95	1,299.77	1,249.99	49.78	26.112		
5,700.00	5,408.43	5,405.73	5,385.69	34.04	23.18	-174.33	-248.65	317.14	1,334.04	1,283.55	50.49	26.424		
5,800.00	5,502.40	5,501.10	5,481.05	34.68	23.59	-174.52	-248.48	315.82	1,368.87	1,317.47	51.39	26.635		
5,900.00	5,596.37	5,586.22	5,566.16	35.32	23.95	-174.63	-247.52	315.64	1,403.96	1,351.76	52.20	26.896		
6,000.00	5,690.34	5,667.75	5,647.68	35.96	24.30	-174.73	-246.09	315.21	1,439.71	1,386.74	52.97	27.182		
6,100.00	5,784.31	5,787.45	5,767.36	36.59	24.80	-174.87	-244.57	314.68	1,475.03	1,420.91	54.13	27.252		
6,200.00	5,878.28	5,886.57	5,866.47	37.23	25.22	-174.95	-243.76	315.63	1,509.35	1,454.29	55.07	27.409		
6,300.00	5,972.25	5,994.67	5,974.56	37.87	25.67	-175.05	-243.74	316.32	1,543.17	1,487.08	56.09	27.514		
6,400.00	6,066.22	6,101.93	6,081.81	38.51	26.11	-175.20	-245.49	316.42	1,575.85	1,518.76	57.09	27.603		
6,500.00	6,160.19	6,181.17	6,161.05	39.14	26.44	-175.30	-246.68	316.70	1,608.60	1,550.76	57.84	27.811		
6,600.00	6,254.16	7,541.23	6,968.69	39.78	36.18	-149.94	-238.99	1,119.32	1,607.41	1,541.13	66.29	24.249		
6,700.00	6,348.13	7,554.90	6,967.92	40.42	36.38	-149.45	-238.50	1,132.96	1,593.42	1,525.05	68.37	23.307		
6,800.00	6,442.09	7,569.09	6,967.14	41.06	36.62	-148.94	-238.00	1,147.12	1,585.51	1,515.25	70.26	22.567		
6,869.92	6,507.80	7,579.24	6,966.59	41.51	36.79	-148.57	-237.65	1,157.25	1,583.64	1,512.19	71.45	22.165		
6,878.33	6,515.71	7,580.41	6,966.53	41.56	36.81	-150.33	-237.62	1,158.42	1,583.61	1,512.03	71.58	22.124		
6,900.00	6,536.18	7,582.88	6,966.40	41.69	36.85	-155.23	-237.53	1,160.88	1,583.76	1,511.85	71.90	22.026		
6,950.00	6,583.76	7,585.45	6,966.26	41.98	36.89	-168.45	-237.45	1,163.45	1,585.20	1,512.66	72.54	21.854		
7,000.00	6,631.58	7,583.61	6,966.36	42.23	36.86	176.57	-237.51	1,161.61	1,588.18	1,515.17	73.01	21.754		
7,050.00	6,679.34	7,577.26	6,966.70	42.44	36.75	161.65	-237.72	1,155.28	1,592.66	1,519.36	73.31	21.726		
7,100.00	6,726.76	7,566.36	6,967.29	42.62	36.57	148.38	-238.09	1,144.40	1,598.57	1,525.12	73.45	21.765		
7,150.00	6,773.53	7,551.14	6,968.13	42.78	36.32	137.36	-238.63	1,129.21	1,605.75	1,532.31	73.44	21.865		
7,200.00	6,819.38	7,532.95	6,969.15	42.91	36.05	128.42	-239.29	1,111.06	1,614.06	1,540.72	73.34	22.008		
7,250.00	6,864.01	7,510.93	6,970.37	43.03	35.72	121.08	-240.11	1,089.09	1,623.31	1,550.19	73.12	22.200		
7,300.00	6,907.16	7,485.21	6,971.78	43.14	35.33	114.93	-241.08	1,063.43	1,633.28	1,560.47	72.80	22.434		
7,350.00	6,948.56	7,460.00	6,973.16	43.24	34.95	109.78	-242.05	1,038.28	1,643.74	1,571.26	72.48	22.679		
7,400.00	6,987.94	7,434.79	6,974.49	43.35	34.61	105.38	-242.97	1,013.12	1,654.55	1,582.36	72.19	22.920		
7,450.00	7,025.08	7,410.46	6,975.68	43.46	34.28	101.59	-243.71	988.83	1,665.58	1,593.66	71.92	23.158		
7,500.00	7,059.73	7,384.36	6,976.86	43.57	33.93	98.24	-244.36	962.76	1,676.65	1,605.00	71.64	23.402		
7,550.00	7,091.70	7,365.00	6,977.68	43.70	33.67	95.43	-244.75	943.42	1,687.59	1,616.07	71.52	23.595		
7,600.00	7,120.77	7,335.00	6,978.02	43.84	33.31	92.73	-245.14	913.43	1,698.26	1,626.97	71.29	23.822		
7,650.00	7,146.77	7,312.06	6,977.11	44.00	33.03	90.46	-245.27	890.51	1,708.65	1,637.43	71.22	23.991		
7,700.00	7,169.54	7,289.28	6,975.19	44.18	32.76	88.43	-245.24	867.82	1,718.64	1,647.43	71.21	24.135		
7,750.00	7,188.94	7,271.00	6,972.93	44.38	32.54	86.72	-245.10	849.68	1,728.15	1,656.81	71.34	24.223		
7,800.00	7,204.85	7,243.06	6,968.32	44.61	32.24	85.06	-244.72	822.12	1,737.05	1,665.65	71.40	24.329		
7,850.00	7,217.17	7,219.65	6,963.46	44.88	31.99	83.69	-244.22	799.24	1,745.27	1,673.68	71.60	24.377		
7,900.00	7,225.83	7,196.28	6,957.70	45.17	31.74	82.53	-243.57	776.59	1,752.74	1,680.88	71.86	24.392		
7,950.00	7,230.77	7,178.00	6,952.57	45.50	31.55	81.63	-242.96	759.06	1,759.40	1,687.13	72.27	24.344		
7,985.49	7,232.00	7,156.47	6,945.90	45.75	31.36	81.02	-242.11	738.61	1,763.57	1,691.09	72.48	24.333		
8,000.00	7,232.12	7,149.75	6,943.69	45.86	31.30	80.95	-241.81	732.27	1,765.22	1,692.62	72.60	24.314		
8,100.00	7,232.93	7,104.70	6,927.38	46.71	30.90	80.43	-239.42	690.36	1,778.40	1,704.85	73.55	24.181		
8,200.00	7,233.74	7,042.73	6,900.52	47.73	30.41	79.58	-235.58	634.67	1,794.58	1,720.24	74.33	24.143		
8,300.00	7,234.54	6,972.69	6,863.50	48.94	29.92	78.41	-232.57	575.34	1,812.66	1,737.59	75.07	24.147		
8,400.00	7,235.35	6,918.23	6,830.22	50.32	29.60	77.37	-231.08	532.26	1,833.30	1,757.17	76.13	24.081		
8,500.00	7,236.16	6,875.75	6,801.81	51.86	29.37	76.49	-230.30	500.71	1,857.07	1,779.67	77.41	23.990		
8,600.00	7,236.97	6,841.70	6,777.77	53.54	29.21	75.75	-229.58	476.60	1,884.45	1,805.63	78.82	23.907		
8,700.00	7,237.77	6,801.00	6,747.71	55.33	29.01	74.83	-228.52	449.20	1,915.55	1,835.44	80.10	23.913		
8,800.00	7,238.58	6,768.94	6,722.90	57.24	28.87	74.08	-227.92	428.91	1,950.02	1,868.54	81.48	23.932		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,900.00	7,239.39	6,728.79	6,690.29	59.24	28.70	73.09	-228.08	405.49	1,987.66	1,905.00	82.67	24.045		
9,000.00	7,240.20	6,707.00	6,671.95	61.31	28.61	72.53	-228.58	393.76	2,028.60	1,944.56	84.04	24.137		
9,100.00	7,241.01	6,667.95	6,637.94	63.46	28.45	71.51	-230.35	374.66	2,072.72	1,987.65	85.08	24.363		
9,200.00	7,241.81	6,645.37	6,617.67	65.67	28.36	70.89	-231.91	364.86	2,120.17	2,033.91	86.26	24.579		
9,300.00	7,242.62	6,612.00	6,586.99	67.93	28.23	69.97	-234.92	352.08	2,170.90	2,083.73	87.17	24.903		
9,400.00	7,243.43	6,612.00	6,586.99	70.25	28.23	69.97	-234.92	352.08	2,224.48	2,135.99	88.49	25.138		
9,500.00	7,244.24	6,612.00	6,586.99	72.60	28.23	69.97	-234.92	352.08	2,281.18	2,191.49	89.69	25.433		
9,600.00	7,245.04	6,612.00	6,586.99	74.99	28.23	69.97	-234.92	352.08	2,340.79	2,250.00	90.79	25.783		
9,700.00	7,245.85	6,612.00	6,586.99	77.42	28.23	69.97	-234.92	352.08	2,403.08	2,311.30	91.78	26.184		
9,800.00	7,246.66	6,612.00	6,586.99	79.87	28.23	69.97	-234.92	352.08	2,467.85	2,375.18	92.67	26.630		
9,900.00	7,247.47	6,612.00	6,586.99	82.36	28.23	69.97	-234.92	352.08	2,534.91	2,441.43	93.48	27.117		
10,000.00	7,248.28	6,571.90	6,549.16	84.87	28.07	68.83	-238.75	339.39	2,602.46	2,508.70	93.76	27.756		
10,100.00	7,249.08	6,566.85	6,544.32	87.40	28.05	68.69	-239.19	337.99	2,673.14	2,578.76	94.38	28.323		
10,200.00	7,249.89	6,562.12	6,539.78	89.95	28.03	68.55	-239.59	336.72	2,745.60	2,650.66	94.94	28.919		
10,300.00	7,250.70	6,557.68	6,535.52	92.52	28.01	68.43	-239.96	335.57	2,819.69	2,724.25	95.44	29.543		
10,400.00	7,251.51	6,518.00	6,496.93	95.11	27.85	67.30	-242.94	326.86	2,896.61	2,801.08	95.53	30.322		
10,500.00	7,252.31	6,518.00	6,496.93	97.71	27.85	67.30	-242.94	326.86	2,973.37	2,877.38	95.99	30.975		
10,600.00	7,253.12	6,518.00	6,496.93	100.33	27.85	67.30	-242.94	326.86	3,051.48	2,955.07	96.41	31.651		
10,700.00	7,253.93	6,518.00	6,496.93	102.96	27.85	67.30	-242.94	326.86	3,130.83	3,034.04	96.78	32.349		
10,800.00	7,254.74	6,518.00	6,496.93	105.61	27.85	67.30	-242.94	326.86	3,211.33	3,114.21	97.12	33.065		
10,900.00	7,255.55	6,518.00	6,496.93	108.26	27.85	67.30	-242.94	326.86	3,292.91	3,195.48	97.42	33.800		
11,000.00	7,256.35	6,518.00	6,496.93	110.92	27.85	67.30	-242.94	326.86	3,375.47	3,277.77	97.70	34.550		
11,100.00	7,257.16	6,518.00	6,496.93	113.60	27.85	67.30	-242.94	326.86	3,458.96	3,361.01	97.94	35.316		
11,200.00	7,257.97	6,518.00	6,496.93	116.28	27.85	67.30	-242.94	326.86	3,543.30	3,445.13	98.16	36.096		
11,300.00	7,258.78	6,518.00	6,496.93	118.97	27.85	67.30	-242.94	326.86	3,628.43	3,530.07	98.36	36.888		
11,400.00	7,259.58	6,518.00	6,496.93	121.67	27.85	67.30	-242.94	326.86	3,714.31	3,615.77	98.54	37.693		
11,500.00	7,260.39	6,518.00	6,496.93	124.38	27.85	67.30	-242.94	326.86	3,800.88	3,702.18	98.70	38.508		
11,600.00	7,261.20	6,518.00	6,496.93	127.09	27.85	67.30	-242.94	326.86	3,888.09	3,789.24	98.85	39.334		
11,700.00	7,262.01	6,518.00	6,496.93	129.81	27.85	67.30	-242.94	326.86	3,975.91	3,876.93	98.98	40.168		
11,800.00	7,262.82	6,518.00	6,496.93	132.53	27.85	67.30	-242.94	326.86	4,064.29	3,965.19	99.10	41.012		
11,900.00	7,263.62	6,518.00	6,496.93	135.26	27.85	67.30	-242.94	326.86	4,153.19	4,053.98	99.21	41.864		
12,000.00	7,264.43	6,518.00	6,496.93	138.00	27.85	67.30	-242.94	326.86	4,242.59	4,143.28	99.30	42.723		
12,100.00	7,265.24	6,518.00	6,496.93	140.74	27.85	67.30	-242.94	326.86	4,332.45	4,233.06	99.39	43.589		
12,200.00	7,266.05	6,518.00	6,496.93	143.49	27.85	67.30	-242.94	326.86	4,422.75	4,323.28	99.47	44.462		
12,300.00	7,266.86	6,518.00	6,496.93	146.24	27.85	67.30	-242.94	326.86	4,513.46	4,413.91	99.55	45.341		
12,400.00	7,267.66	6,518.00	6,496.93	148.99	27.85	67.30	-242.94	326.86	4,604.55	4,504.94	99.61	46.225		
12,500.00	7,268.47	6,518.00	6,496.93	151.75	27.85	67.30	-242.94	326.86	4,696.00	4,596.33	99.67	47.115		
12,600.00	7,269.28	6,518.00	6,496.93	154.51	27.85	67.30	-242.94	326.86	4,787.80	4,688.07	99.73	48.009		
12,700.00	7,270.09	6,518.00	6,496.93	157.27	27.85	67.30	-242.94	326.86	4,879.92	4,780.14	99.78	48.909		
12,800.00	7,270.89	6,518.00	6,496.93	160.04	27.85	67.30	-242.94	326.86	4,972.34	4,872.52	99.82	49.812		
12,900.00	7,271.70	6,518.00	6,496.93	162.81	27.85	67.30	-242.94	326.86	5,065.05	4,965.19	99.86	50.719		
13,000.00	7,272.51	6,518.00	6,496.93	165.58	27.85	67.30	-242.94	326.86	5,158.03	5,058.13	99.90	51.630		
13,100.00	7,273.32	6,518.00	6,496.93	168.36	27.85	67.30	-242.94	326.86	5,251.28	5,151.34	99.94	52.545		
13,200.00	7,274.13	6,518.00	6,496.93	171.14	27.85	67.30	-242.94	326.86	5,344.76	5,244.79	99.97	53.463		
13,300.00	7,274.93	6,518.00	6,496.93	173.92	27.85	67.30	-242.94	326.86	5,438.48	5,338.48	100.00	54.383		
13,400.00	7,275.74	6,518.00	6,496.93	176.71	27.85	67.30	-242.94	326.86	5,532.42	5,432.38	100.03	55.307		
13,500.00	7,276.55	6,518.00	6,496.93	179.49	27.85	67.30	-242.94	326.86	5,626.56	5,526.50	100.06	56.233		
13,555.88	7,277.00	6,518.00	6,496.93	181.05	27.85	67.30	-242.94	326.86	5,679.26	5,579.19	100.07	56.751		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	130.77	-437.90	507.82	670.64					
100.00	100.00	77.58	77.57	3.28	3.29	130.79	-438.53	508.14	671.31	664.74	6.57	102.171		
200.00	200.00	174.00	173.96	3.34	3.31	130.88	-440.89	509.28	673.78	667.13	6.65	101.307		
300.00	299.98	295.12	295.06	3.44	3.42	-14.95	-442.84	508.64	672.75	665.88	6.87	97.954		
400.00	399.84	431.06	430.85	3.59	3.64	-14.85	-442.47	502.88	664.40	657.13	7.27	91.331		
500.00	499.45	555.29	554.42	3.79	3.91	-14.59	-440.36	490.36	647.22	639.43	7.79	83.090		
600.00	598.70	651.60	649.98	4.04	4.15	-14.37	-438.61	478.55	625.17	616.90	8.27	75.633		
700.00	697.47	732.59	730.30	4.32	4.38	-14.07	-439.26	468.15	601.19	592.45	8.74	68.807		
800.00	795.62	805.60	802.70	4.64	4.61	-13.67	-443.04	459.65	577.60	568.36	9.24	62.495		
900.00	893.06	884.92	881.22	5.01	4.87	-13.04	-450.39	451.20	554.22	544.39	9.83	56.386		
1,000.00	989.64	969.92	965.29	5.41	5.16	-12.31	-460.26	443.37	530.25	519.77	10.48	50.590		
1,100.00	1,085.27	1,048.75	1,043.33	5.85	5.44	-11.76	-470.08	438.36	505.67	494.53	11.15	45.365		
1,200.00	1,179.82	1,126.43	1,120.19	6.33	5.72	-11.35	-481.08	436.24	481.49	469.65	11.84	40.677		
1,300.00	1,273.78	1,210.83	1,203.47	6.85	6.03	-10.87	-494.85	436.61	459.28	446.72	12.57	36.543		
1,400.00	1,367.75	1,304.16	1,295.33	7.38	6.38	-10.24	-511.28	437.74	438.64	425.30	13.35	32.864		
1,500.00	1,461.72	1,399.44	1,388.82	7.93	6.75	-9.33	-529.62	438.32	418.85	404.69	14.16	29.580		
1,600.00	1,555.69	1,494.95	1,482.36	8.49	7.14	-8.19	-548.92	438.53	399.65	384.66	14.99	26.654		
1,700.00	1,649.66	1,590.89	1,576.16	9.07	7.55	-6.88	-569.04	438.86	381.28	365.43	15.85	24.061		
1,800.00	1,743.63	1,687.58	1,670.67	9.65	7.97	-5.44	-589.51	439.39	363.42	346.70	16.71	21.744		
1,900.00	1,837.60	1,784.95	1,765.71	10.24	8.40	-3.82	-610.64	440.15	346.36	328.77	17.59	19.686		
2,000.00	1,931.57	1,887.03	1,865.65	10.83	8.86	-2.10	-631.45	441.13	328.64	310.14	18.50	17.763		
2,100.00	2,025.54	1,988.00	1,964.65	11.43	9.31	-0.31	-651.19	442.12	310.54	291.13	19.41	16.000		
2,200.00	2,119.51	2,087.41	2,062.26	12.03	9.77	1.87	-670.00	441.57	291.43	271.11	20.32	14.344		
2,300.00	2,213.48	2,184.10	2,157.20	12.64	10.21	4.20	-688.39	441.52	273.08	251.85	21.23	12.864		
2,400.00	2,307.45	2,283.18	2,254.55	13.25	10.67	6.78	-706.78	441.98	255.09	232.94	22.15	11.515		
2,500.00	2,401.42	2,381.26	2,350.88	13.87	11.13	10.06	-725.14	440.91	237.19	214.09	23.09	10.271		
2,600.00	2,495.39	2,479.61	2,447.56	14.48	11.59	13.76	-743.23	440.11	219.95	195.89	24.06	9.143		
2,700.00	2,589.35	2,576.88	2,543.25	15.10	12.05	17.86	-760.65	439.76	203.42	178.38	25.04	8.122		
2,800.00	2,683.32	2,675.62	2,640.43	15.72	12.51	22.59	-778.14	439.78	187.99	161.92	26.08	7.209		
2,900.00	2,777.29	2,773.00	2,736.30	16.34	12.97	28.56	-795.11	438.13	173.59	146.40	27.19	6.385		
3,000.00	2,871.26	2,868.60	2,830.29	16.97	13.42	35.91	-812.30	434.86	162.04	133.63	28.41	5.704		
3,100.00	2,965.23	2,965.19	2,925.16	17.59	13.88	44.08	-830.20	431.90	154.19	124.46	29.73	5.187		
3,200.00	3,059.20	3,063.00	3,021.24	18.22	14.35	52.82	-848.33	429.39	149.80	118.66	31.14	4.811		
3,275.44	3,130.09	3,136.24	3,093.21	18.69	14.71	59.41	-861.84	428.01	148.70	116.49	32.21	4.616 CC		
3,300.00	3,153.17	3,160.05	3,116.61	18.84	14.82	61.56	-866.25	427.56	148.82	116.26	32.56	4.570 ES		
3,400.00	3,247.14	3,257.94	3,212.78	19.47	15.29	70.18	-884.40	426.01	151.39	117.42	33.97	4.456		
3,500.00	3,341.11	3,357.49	3,310.70	20.10	15.77	78.39	-902.38	425.32	156.41	121.07	35.34	4.426		
3,600.00	3,435.08	3,455.93	3,407.60	20.73	16.24	85.82	-919.72	425.51	163.46	126.86	36.61	4.465		
3,700.00	3,529.05	3,553.93	3,504.09	21.36	16.71	92.51	-936.81	426.04	172.69	134.92	37.78	4.572		
3,800.00	3,623.02	3,652.14	3,600.91	21.99	17.17	98.64	-953.28	426.88	183.53	144.66	38.87	4.722		
3,900.00	3,716.99	3,745.43	3,693.03	22.62	17.62	104.19	-967.98	426.28	197.31	157.51	39.80	4.957		
4,000.00	3,810.95	3,838.14	3,784.36	23.25	18.06	108.83	-983.67	423.76	215.07	174.40	40.66	5.289		
4,100.00	3,904.92	3,934.29	3,878.82	23.88	18.53	112.59	-1,001.36	420.62	234.90	193.30	41.60	5.647		
4,200.00	3,998.89	4,029.26	3,971.95	24.52	18.99	115.57	-1,019.58	416.89	256.30	213.79	42.51	6.029		
4,300.00	4,092.86	4,127.16	4,067.87	25.15	19.48	118.07	-1,038.84	413.15	278.23	234.73	43.50	6.396		
4,400.00	4,186.83	4,224.70	4,163.28	25.78	19.96	120.06	-1,058.74	409.50	300.53	256.04	44.49	6.755		
4,500.00	4,280.80	4,324.10	4,260.61	26.42	20.45	121.85	-1,078.73	406.53	322.39	276.87	45.52	7.082		
4,600.00	4,374.77	4,423.65	4,358.20	27.05	20.95	123.52	-1,098.15	403.91	344.18	297.63	46.55	7.394		
4,700.00	4,468.74	4,526.96	4,459.24	27.68	21.46	124.83	-1,119.66	402.62	364.79	317.14	47.65	7.656		
4,800.00	4,562.71	4,624.78	4,554.74	28.32	21.95	125.82	-1,140.87	402.43	384.48	335.81	48.67	7.899		
4,900.00	4,656.68	4,719.99	4,647.78	28.95	22.43	126.74	-1,161.04	401.61	404.95	355.30	49.65	8.156		
5,000.00	4,750.65	4,816.93	4,742.58	29.59	22.91	127.64	-1,181.26	400.46	425.86	375.20	50.65	8.407		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,100.00	4,844.62	4,910.95	4,834.75	30.23	23.38	128.57	-1,199.79	399.16	447.18	395.58	51.60	8.667		
5,200.00	4,938.59	5,015.64	4,937.42	30.86	23.90	129.54	-1,220.18	397.59	468.78	416.07	52.71	8.894		
5,300.00	5,032.56	5,119.73	5,039.59	31.50	24.41	130.50	-1,240.05	398.19	488.49	434.70	53.79	9.082		
5,400.00	5,126.52	5,220.80	5,138.85	32.13	24.91	131.41	-1,258.99	399.69	507.48	452.66	54.81	9.258		
5,500.00	5,220.49	5,316.23	5,232.86	32.77	25.37	132.38	-1,275.34	401.44	526.51	470.76	55.75	9.444		
5,600.00	5,314.46	5,412.74	5,328.22	33.41	25.82	133.49	-1,290.08	403.20	546.05	489.38	56.67	9.635		
5,700.00	5,408.43	5,505.03	5,419.35	34.04	26.26	134.42	-1,304.62	404.24	566.33	508.78	57.55	9.840		
5,800.00	5,502.40	5,599.68	5,512.55	34.68	26.72	135.13	-1,321.09	404.31	587.42	528.93	58.49	10.043		
5,900.00	5,596.37	5,693.39	5,604.91	35.32	27.17	135.83	-1,336.93	403.93	609.16	549.74	59.41	10.253		
6,000.00	5,690.34	5,802.53	5,712.28	35.96	27.71	136.49	-1,356.49	404.05	630.25	569.69	60.56	10.408		
6,100.00	5,784.31	5,904.12	5,811.68	36.59	28.22	136.84	-1,377.47	404.77	650.17	588.54	61.63	10.549		
6,200.00	5,878.28	5,998.48	5,904.19	37.23	28.68	137.23	-1,395.97	405.75	670.06	607.46	62.60	10.703		
6,300.00	5,972.25	6,090.05	5,994.32	37.87	29.13	137.72	-1,412.17	406.20	690.98	627.47	63.52	10.879		
6,400.00	6,066.22	6,190.11	6,092.65	38.51	29.62	138.16	-1,430.67	406.39	712.03	647.49	64.55	11.031		
6,500.00	6,160.19	6,296.16	6,197.06	39.14	30.14	138.69	-1,449.24	407.38	732.71	667.07	65.64	11.163		
6,600.00	6,254.16	6,392.61	6,291.03	39.78	32.51	144.83	-1,555.04	592.89	729.32	671.41	57.92	12.593		
6,700.00	6,348.13	6,487.16	6,380.12	40.42	35.95	-179.83	-1,615.22	1,092.88	651.30	621.50	29.81	21.852		
6,800.00	6,442.09	6,581.98	6,484.24	41.06	36.74	-170.66	-1,619.96	1,151.36	564.27	531.60	32.67	17.272		
6,869.92	6,507.80	6,642.48	6,585.24	41.51	37.10	-165.92	-1,621.88	1,177.77	504.94	468.78	36.16	13.965		
6,900.00	6,536.18	6,671.71	6,585.47	41.69	37.23	-166.99	-1,622.52	1,186.97	479.92	441.91	38.01	12.627		
6,950.00	6,583.76	6,716.62	6,585.65	41.98	37.37	-171.84	-1,623.18	1,196.86	439.16	397.54	41.63	10.550		
7,000.00	6,631.58	6,765.54	6,685.70	42.23	37.43	179.95	-1,623.43	1,200.77	400.24	354.30	45.94	8.712		
7,050.00	6,679.34	6,814.26	6,735.69	42.44	37.41	170.08	-1,623.35	1,199.50	364.14	313.19	50.95	7.147		
7,100.00	6,726.76	6,861.49	6,782.60	42.62	37.33	160.25	-1,622.97	1,193.74	332.01	275.48	56.53	5.873		
7,150.00	6,773.53	6,908.41	6,833.11	42.78	37.19	151.21	-1,622.32	1,184.08	305.11	242.74	62.37	4.892		
7,200.00	6,819.38	6,953.74	6,880.04	42.91	37.01	142.93	-1,621.41	1,171.05	284.78	216.88	67.90	4.194		
7,250.00	6,864.01	6,998.71	6,924.41	43.03	36.79	135.07	-1,620.24	1,155.07	272.15	199.80	72.35	3.762		
7,300.00	6,907.16	7,043.09	6,968.46	43.14	36.53	127.31	-1,618.82	1,136.53	267.81	192.81	75.00	3.571		
7,301.11	6,908.10	7,044.65	6,969.43	43.14	36.52	127.14	-1,618.78	1,136.10	267.81	192.77	75.03	3.569 SF		
7,350.00	6,948.56	7,084.49	6,982.11	43.24	36.24	119.52	-1,617.16	1,116.04	271.57	195.99	75.59	3.593		
7,400.00	6,987.94	7,123.07	6,980.01	43.35	35.94	111.27	-1,615.13	1,091.80	282.43	208.09	74.34	3.799		
7,450.00	7,025.08	7,160.75	6,977.07	43.46	35.62	103.11	-1,613.03	1,066.74	298.90	226.94	71.96	4.153		
7,500.00	7,059.73	7,195.67	6,973.22	43.57	35.31	95.19	-1,610.88	1,041.04	319.53	250.43	69.09	4.625		
7,550.00	7,091.70	7,227.00	6,968.42	43.70	35.00	87.68	-1,608.70	1,014.89	342.99	276.78	66.21	5.180		
7,600.00	7,120.77	7,251.01	6,962.70	43.84	34.72	80.76	-1,606.50	988.61	368.23	304.57	63.65	5.785		
7,650.00	7,146.77	7,273.57	6,955.97	44.00	34.44	74.49	-1,604.27	962.10	394.39	332.89	61.50	6.413		
7,700.00	7,169.54	7,295.75	6,948.23	44.18	34.19	68.92	-1,602.00	935.47	420.82	361.03	59.79	7.038		
7,750.00	7,188.94	7,268.60	6,939.81	44.38	33.97	64.12	-1,599.74	909.76	447.06	388.41	58.65	7.623		
7,800.00	7,204.85	7,241.48	6,930.60	44.61	33.78	59.99	-1,597.32	884.37	472.79	414.82	57.97	8.156		
7,850.00	7,217.17	7,214.04	6,920.49	44.88	33.61	56.46	-1,594.69	859.01	497.70	440.05	57.65	8.633		
7,900.00	7,225.83	7,193.00	6,912.19	45.17	33.51	53.74	-1,592.56	839.79	521.62	463.42	58.20	8.963		
7,950.00	7,230.77	7,159.36	6,897.77	45.50	33.36	50.95	-1,589.07	809.61	544.19	486.15	58.04	9.377		
7,985.49	7,232.00	7,140.12	6,888.83	45.75	33.29	49.42	-1,587.08	792.68	559.45	501.02	58.42	9.576		
8,000.00	7,232.12	7,132.31	6,885.06	45.86	33.26	49.16	-1,586.28	785.89	565.61	507.00	58.60	9.651		
8,100.00	7,232.93	7,081.79	6,858.74	46.71	33.11	47.39	-1,581.10	743.10	611.61	551.58	60.03	10.188		
8,200.00	7,233.74	7,036.93	6,832.59	47.73	32.98	45.73	-1,576.51	706.95	663.65	601.98	61.67	10.761		
8,300.00	7,234.54	7,006.00	6,813.09	48.94	32.90	44.56	-1,573.34	683.15	721.34	657.43	63.91	11.287		
8,400.00	7,235.35	6,962.12	6,783.72	50.32	32.77	42.93	-1,568.26	650.96	783.83	718.76	65.07	12.046		
8,500.00	7,236.16	6,911.00	6,747.36	51.86	32.63	41.18	-1,560.90	615.80	851.32	785.59	65.73	12.952		
8,600.00	7,236.97	6,911.00	6,747.36	53.54	32.63	41.18	-1,560.90	615.80	921.71	853.26	68.45	13.466		
8,700.00	7,237.77	6,868.77	6,715.86	55.33	32.49	39.84	-1,553.86	588.58	995.31	926.24	69.08	14.409		
8,800.00	7,238.58	6,840.28	6,693.98	57.24	32.40	38.99	-1,548.76	571.06	1,071.60	1,001.52	70.07	15.292		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,900.00	7,239.39	6,815.00	6,674.17	59.24	32.32	38.28	-1,544.00	556.10	1,150.10	1,079.09	71.01	16.196		
9,000.00	7,240.20	6,787.58	6,652.24	61.31	32.22	37.53	-1,538.75	540.49	1,230.50	1,158.76	71.74	17.152		
9,100.00	7,241.01	6,763.29	6,632.43	63.46	32.13	36.87	-1,534.16	527.21	1,312.54	1,240.11	72.43	18.122		
9,200.00	7,241.81	6,720.00	6,596.25	65.67	31.98	35.75	-1,526.12	504.84	1,396.40	1,323.81	72.60	19.235		
9,300.00	7,242.62	6,720.00	6,596.25	67.93	31.98	35.75	-1,526.12	504.84	1,480.84	1,407.27	73.57	20.129		
9,400.00	7,243.43	6,720.00	6,596.25	70.25	31.98	35.75	-1,526.12	504.84	1,567.11	1,492.75	74.37	21.073		
9,500.00	7,244.24	6,686.32	6,567.35	72.60	31.86	34.90	-1,519.96	488.68	1,653.94	1,579.37	74.56	22.181		
9,600.00	7,245.04	6,671.24	6,554.21	74.99	31.80	34.53	-1,517.20	481.83	1,742.01	1,667.03	74.98	23.232		
9,700.00	7,245.85	6,657.21	6,541.86	77.42	31.75	34.19	-1,514.64	475.68	1,830.96	1,755.60	75.36	24.297		
9,800.00	7,246.66	6,627.00	6,514.92	79.87	31.63	33.48	-1,509.15	463.16	1,920.95	1,845.44	75.51	25.440		
9,900.00	7,247.47	6,627.00	6,514.92	82.36	31.63	33.48	-1,509.15	463.16	2,011.18	1,935.23	75.95	26.481		
10,000.00	7,248.28	6,627.00	6,514.92	84.87	31.63	33.48	-1,509.15	463.16	2,102.29	2,025.96	76.32	27.544		
10,100.00	7,249.08	6,627.00	6,514.92	87.40	31.63	33.48	-1,509.15	463.16	2,194.18	2,117.53	76.65	28.627		
10,200.00	7,249.89	6,627.00	6,514.92	89.95	31.63	33.48	-1,509.15	463.16	2,286.74	2,209.81	76.93	29.726		
10,300.00	7,250.70	6,627.00	6,514.92	92.52	31.63	33.48	-1,509.15	463.16	2,379.91	2,302.74	77.17	30.839		
10,400.00	7,251.51	6,588.83	6,480.20	95.11	31.48	32.62	-1,502.12	448.97	2,472.24	2,395.07	77.17	32.035		
10,500.00	7,252.31	6,581.85	6,473.77	97.71	31.45	32.47	-1,500.81	446.60	2,565.88	2,488.54	77.35	33.174		
10,600.00	7,253.12	6,575.27	6,467.68	100.33	31.42	32.32	-1,499.57	444.42	2,659.91	2,582.40	77.51	34.319		
10,700.00	7,253.93	6,569.06	6,461.92	102.96	31.39	32.19	-1,498.40	442.43	2,754.28	2,676.63	77.65	35.470		
10,800.00	7,254.74	6,533.00	6,428.13	105.61	31.25	31.45	-1,491.51	431.91	2,849.80	2,772.14	77.66	36.694		
10,900.00	7,255.55	6,533.00	6,428.13	108.26	31.25	31.45	-1,491.51	431.91	2,944.50	2,866.68	77.82	37.838		
11,000.00	7,256.35	6,533.00	6,428.13	110.92	31.25	31.45	-1,491.51	431.91	3,039.54	2,961.58	77.96	38.989		
11,100.00	7,257.16	6,533.00	6,428.13	113.60	31.25	31.45	-1,491.51	431.91	3,134.89	3,056.80	78.09	40.147		
11,200.00	7,257.97	6,533.00	6,428.13	116.28	31.25	31.45	-1,491.51	431.91	3,230.52	3,152.32	78.20	41.311		
11,300.00	7,258.78	6,533.00	6,428.13	118.97	31.25	31.45	-1,491.51	431.91	3,326.41	3,248.10	78.31	42.480		
11,400.00	7,259.58	6,533.00	6,428.13	121.67	31.25	31.45	-1,491.51	431.91	3,422.53	3,344.12	78.40	43.653		
11,500.00	7,260.39	6,533.00	6,428.13	124.38	31.25	31.45	-1,491.51	431.91	3,518.87	3,440.37	78.49	44.830		
11,600.00	7,261.20	6,533.00	6,428.13	127.09	31.25	31.45	-1,491.51	431.91	3,615.40	3,536.83	78.58	46.012		
11,700.00	7,262.01	6,533.00	6,428.13	129.81	31.25	31.45	-1,491.51	431.91	3,712.12	3,633.47	78.65	47.196		
11,800.00	7,262.82	6,533.00	6,428.13	132.53	31.25	31.45	-1,491.51	431.91	3,809.01	3,730.29	78.73	48.383		
11,900.00	7,263.62	6,533.00	6,428.13	135.26	31.25	31.45	-1,491.51	431.91	3,906.06	3,827.26	78.79	49.573		
12,000.00	7,264.43	6,533.00	6,428.13	138.00	31.25	31.45	-1,491.51	431.91	4,003.25	3,924.39	78.86	50.764		
12,100.00	7,265.24	6,533.00	6,428.13	140.74	31.25	31.45	-1,491.51	431.91	4,100.58	4,021.66	78.92	51.958		
12,200.00	7,266.05	6,533.00	6,428.13	143.49	31.25	31.45	-1,491.51	431.91	4,198.03	4,119.05	78.98	53.153		
12,300.00	7,266.86	6,533.00	6,428.13	146.24	31.25	31.45	-1,491.51	431.91	4,295.60	4,216.56	79.04	54.350		
12,400.00	7,267.66	6,533.00	6,428.13	148.99	31.25	31.45	-1,491.51	431.91	4,393.28	4,314.19	79.09	55.547		
12,500.00	7,268.47	6,533.00	6,428.13	151.75	31.25	31.45	-1,491.51	431.91	4,491.06	4,411.91	79.14	56.746		
12,600.00	7,269.28	6,533.00	6,428.13	154.51	31.25	31.45	-1,491.51	431.91	4,588.94	4,509.74	79.19	57.945		
12,700.00	7,270.09	6,533.00	6,428.13	157.27	31.25	31.45	-1,491.51	431.91	4,686.90	4,607.66	79.24	59.145		
12,800.00	7,270.89	6,533.00	6,428.13	160.04	31.25	31.45	-1,491.51	431.91	4,784.95	4,705.66	79.29	60.345		
12,900.00	7,271.70	6,533.00	6,428.13	162.81	31.25	31.45	-1,491.51	431.91	4,883.08	4,803.74	79.34	61.545		
13,000.00	7,272.51	6,533.00	6,428.13	165.58	31.25	31.45	-1,491.51	431.91	4,981.29	4,901.90	79.39	62.745		
13,100.00	7,273.32	6,490.37	6,387.43	168.36	31.05	30.60	-1,483.40	422.18	5,077.75	4,998.32	79.43	63.929		
13,200.00	7,274.13	6,488.61	6,385.74	171.14	31.05	30.57	-1,483.07	421.85	5,175.94	5,096.47	79.48	65.126		
13,300.00	7,274.93	6,486.92	6,384.10	173.92	31.04	30.54	-1,482.75	421.54	5,274.20	5,194.67	79.52	66.322		
13,400.00	7,275.74	6,485.28	6,382.52	176.71	31.03	30.51	-1,482.45	421.24	5,372.51	5,292.94	79.57	67.517		
13,500.00	7,276.55	6,483.70	6,380.99	179.49	31.02	30.47	-1,482.15	420.95	5,470.88	5,391.26	79.62	68.712		
13,555.88	7,277.00	6,482.84	6,380.16	181.05	31.02	30.46	-1,481.99	420.80	5,525.88	5,446.23	79.65	69.380		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	138.73	-577.78	506.99	768.76					
100.00	100.00	94.47	94.47	3.28	3.29	138.73	-577.50	506.80	768.36	761.79	6.57	116.924		
200.00	200.00	200.60	200.59	3.34	3.31	138.72	-576.50	506.15	767.25	760.61	6.65	115.420		
300.00	299.98	308.24	308.21	3.44	3.38	-7.30	-574.47	505.25	763.56	756.73	6.82	111.922		
400.00	399.84	420.69	420.55	3.59	3.53	-7.62	-569.66	505.10	755.09	747.96	7.14	105.826		
500.00	499.45	524.45	524.14	3.79	3.72	-8.02	-563.75	504.59	741.90	734.37	7.53	98.500		
600.00	598.70	608.41	608.02	4.04	3.91	-8.27	-560.62	503.21	726.01	718.06	7.95	91.327		
700.00	697.47	695.03	694.61	4.32	4.12	-8.35	-560.45	500.92	708.63	700.19	8.44	83.997		
800.00	795.62	782.34	781.74	4.64	4.35	-8.16	-563.81	496.73	689.37	680.40	8.98	76.792		
900.00	893.06	876.87	875.68	5.01	4.63	-7.56	-571.39	489.46	667.92	658.34	9.59	69.657		
1,000.00	989.64	971.98	969.71	5.41	4.93	-6.61	-581.52	479.38	643.31	633.06	10.25	62.754		
1,100.00	1,085.27	1,063.54	1,059.67	5.85	5.25	-5.33	-593.61	467.44	615.98	605.03	10.95	56.254		
1,200.00	1,179.82	1,153.65	1,147.95	6.33	5.58	-3.83	-606.78	455.05	586.33	574.64	11.68	50.178		
1,300.00	1,273.78	1,244.40	1,236.63	6.85	5.93	-2.00	-621.07	442.14	556.10	543.65	12.45	44.671		
1,400.00	1,367.75	1,340.17	1,330.00	7.38	6.32	0.25	-636.83	427.82	526.70	513.45	13.25	39.736		
1,500.00	1,461.72	1,437.49	1,424.81	7.93	6.74	2.86	-652.45	412.36	497.34	483.25	14.09	35.292		
1,600.00	1,555.69	1,535.92	1,520.88	8.49	7.17	5.75	-667.21	396.85	468.20	453.25	14.95	31.313		
1,700.00	1,649.66	1,632.15	1,615.21	9.07	7.59	8.71	-679.89	382.67	439.08	423.26	15.82	27.754		
1,800.00	1,743.63	1,724.71	1,706.40	9.65	7.99	11.59	-690.84	371.18	410.83	394.13	16.69	24.614		
1,900.00	1,837.60	1,816.01	1,796.74	10.24	8.38	14.34	-701.04	362.91	384.21	366.64	17.57	21.871		
2,000.00	1,931.57	1,910.39	1,890.42	10.83	8.79	17.06	-711.05	357.42	359.01	340.55	18.46	19.452		
2,100.00	2,025.54	2,018.04	1,997.43	11.43	9.24	20.56	-720.96	351.30	333.53	314.17	19.36	17.227		
2,200.00	2,119.51	2,114.91	2,093.88	12.03	9.65	24.36	-726.95	344.57	306.03	285.74	20.29	15.084		
2,300.00	2,213.48	2,208.51	2,187.14	12.64	10.05	28.52	-732.65	338.99	280.02	258.77	21.25	13.176		
2,400.00	2,307.45	2,302.34	2,280.67	13.25	10.44	33.26	-738.46	334.33	255.88	233.63	22.26	11.496		
2,500.00	2,401.42	2,406.79	2,384.91	13.87	10.88	39.42	-743.24	329.83	232.34	209.07	23.27	9.986		
2,600.00	2,495.39	2,500.68	2,478.74	14.48	11.27	45.91	-745.18	326.97	208.88	184.49	24.39	8.565		
2,700.00	2,589.35	2,594.98	2,572.98	15.10	11.66	53.72	-747.24	324.42	188.80	163.20	25.59	7.377		
2,800.00	2,683.32	2,689.87	2,667.81	15.72	12.05	63.13	-748.96	321.83	172.85	145.97	26.88	6.431		
2,900.00	2,777.29	2,783.23	2,761.13	16.34	12.44	73.86	-750.33	319.07	162.59	134.39	28.20	5.766		
3,000.00	2,871.26	2,881.20	2,859.07	16.97	12.85	86.03	-751.00	316.85	158.45	129.03	29.42	5.386		
3,023.63	2,893.46	2,903.52	2,881.39	17.11	12.94	88.86	-750.93	316.61	158.23	128.55	29.69	5.330 CC, ES		
3,100.00	2,965.23	2,974.90	2,952.76	17.59	13.23	97.82	-750.75	315.84	160.51	130.04	30.47	5.267 SF		
3,200.00	3,059.20	3,067.67	3,045.53	18.22	13.61	108.74	-750.73	314.60	170.20	138.89	31.31	5.436		
3,300.00	3,153.17	3,161.74	3,139.58	18.84	14.00	118.39	-750.87	313.18	186.22	154.22	32.00	5.819		
3,400.00	3,247.14	3,255.07	3,232.91	19.47	14.39	126.39	-751.00	311.81	206.91	174.28	32.63	6.342		
3,500.00	3,341.11	3,348.95	3,326.77	20.10	14.78	132.98	-751.09	310.37	231.10	197.85	33.25	6.950		
3,600.00	3,435.08	3,442.74	3,420.55	20.73	15.17	138.43	-750.80	309.09	257.73	223.83	33.90	7.603		
3,700.00	3,529.05	3,535.70	3,513.50	21.36	15.55	142.94	-749.99	307.93	286.30	251.75	34.55	8.286		
3,800.00	3,623.02	3,630.01	3,607.80	21.99	15.93	146.75	-748.97	306.84	316.27	281.02	35.26	8.970		
3,900.00	3,716.99	3,722.72	3,700.50	22.62	16.31	149.83	-748.10	305.77	347.26	311.29	35.97	9.654		
4,000.00	3,810.95	3,821.01	3,798.78	23.25	16.72	152.55	-747.53	304.96	378.62	341.82	36.80	10.287		
4,100.00	3,904.92	3,925.36	3,903.12	23.88	17.13	155.11	-747.10	306.41	408.75	371.03	37.72	10.837		
4,200.00	3,998.89	4,016.66	3,994.39	24.52	17.48	157.12	-746.71	308.55	438.66	400.22	38.44	11.412		
4,300.00	4,092.86	4,109.83	4,087.54	25.15	17.84	158.86	-746.43	310.27	469.36	430.15	39.20	11.973		
4,400.00	4,186.83	4,205.74	4,183.44	25.78	18.22	160.38	-746.57	311.79	500.35	460.32	40.02	12.501		
4,500.00	4,280.80	4,297.10	4,274.79	26.42	18.58	161.60	-747.03	312.82	531.74	490.94	40.80	13.033		
4,600.00	4,374.77	4,392.74	4,370.42	27.05	18.96	162.69	-747.81	313.50	563.47	521.82	41.65	13.529		
4,700.00	4,468.74	4,488.16	4,465.84	27.68	19.35	163.61	-749.08	314.01	595.16	552.65	42.51	14.000		
4,800.00	4,562.71	4,581.75	4,559.41	28.32	19.74	164.39	-750.55	314.34	626.96	583.60	43.36	14.460		
4,900.00	4,656.68	4,675.72	4,653.38	28.95	20.13	165.11	-751.94	314.61	658.96	614.75	44.21	14.904		
5,000.00	4,750.65	4,780.26	4,757.89	29.59	20.56	165.78	-754.32	315.13	690.38	645.17	45.22	15.269		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,100.00	4,844.62	4,865.48	4,843.07	30.23	20.92	166.23	-756.74	314.99	721.95	675.98	45.97	15.704		
5,200.00	4,938.59	4,952.88	4,930.43	30.86	21.30	166.62	-758.92	313.96	754.51	707.74	46.77	16.134		
5,300.00	5,032.56	5,043.75	5,021.28	31.50	21.69	166.99	-760.69	312.47	787.76	740.15	47.61	16.546		
5,400.00	5,126.52	5,138.73	5,116.23	32.13	22.10	167.37	-762.26	310.96	821.21	772.70	48.51	16.928		
5,500.00	5,220.49	5,222.79	5,200.29	32.77	22.45	167.75	-762.77	309.97	855.10	805.85	49.25	17.361		
5,600.00	5,314.46	5,305.38	5,282.86	33.41	22.79	168.19	-761.48	309.26	890.25	840.29	49.96	17.820		
5,700.00	5,408.43	5,392.67	5,370.11	34.04	23.15	168.65	-759.20	308.16	926.40	875.67	50.73	18.261		
5,800.00	5,502.40	5,481.49	5,458.88	34.68	23.52	169.08	-756.72	306.71	962.98	911.45	51.53	18.687		
5,900.00	5,596.37	5,587.84	5,565.18	35.32	23.97	169.47	-754.69	304.07	999.62	947.02	52.60	19.005		
6,000.00	5,690.34	5,704.21	5,681.53	35.96	24.47	169.79	-755.33	302.04	1,034.07	980.27	53.79	19.223		
6,100.00	5,784.31	5,804.87	5,782.17	36.59	24.90	170.03	-757.05	301.07	1,067.25	1,012.48	54.77	19.486		
6,200.00	5,878.28	5,876.11	5,853.40	37.23	25.21	170.22	-757.50	300.42	1,101.17	1,045.81	55.37	19.889		
6,300.00	5,972.25	5,965.68	5,942.96	37.87	25.58	170.50	-756.37	299.27	1,136.62	1,080.43	56.19	20.227		
6,400.00	6,066.22	6,067.81	6,045.08	38.51	26.01	170.79	-755.54	298.32	1,171.58	1,114.39	57.19	20.487		
6,500.00	6,160.19	6,163.04	6,140.30	39.14	26.42	171.04	-755.16	297.71	1,206.09	1,148.00	58.09	20.761		
6,600.00	6,254.16	6,255.79	6,233.05	39.78	26.81	171.28	-754.71	297.13	1,240.66	1,181.69	58.97	21.040		
6,700.00	6,348.13	7,733.95	7,146.22	40.42	37.24	-152.18	-751.50	1,154.02	1,247.97	1,186.46	61.50	20.291		
6,800.00	6,442.09	7,748.20	7,146.31	41.06	37.48	-151.48	-751.59	1,168.27	1,211.93	1,147.12	64.81	18.699		
6,869.92	6,507.80	7,758.62	7,146.43	41.51	37.65	-150.98	-751.65	1,178.68	1,190.94	1,123.90	67.04	17.765		
6,900.00	6,536.18	7,762.70	7,146.49	41.69	37.71	-156.81	-751.67	1,182.77	1,182.99	1,115.04	67.95	17.409		
6,950.00	6,583.76	7,767.30	7,146.57	41.98	37.79	-168.68	-751.69	1,187.36	1,171.26	1,101.87	69.39	16.880		
7,000.00	6,631.58	7,769.04	7,146.60	42.23	37.82	177.66	-751.69	1,189.10	1,161.50	1,090.81	70.69	16.431		
7,050.00	6,679.34	7,767.78	7,146.58	42.44	37.80	164.01	-751.69	1,187.85	1,153.85	1,082.02	71.83	16.064		
7,100.00	6,726.76	7,763.42	7,146.51	42.62	37.72	151.94	-751.67	1,183.48	1,148.39	1,075.59	72.80	15.775		
7,150.00	6,773.53	7,755.83	7,146.40	42.78	37.60	142.02	-751.63	1,175.90	1,145.13	1,071.55	73.58	15.563		
7,200.00	6,819.38	7,744.94	7,146.28	42.91	37.42	134.02	-751.57	1,165.00	1,144.03	1,069.85	74.18	15.422		
7,201.09	6,820.37	7,744.67	7,146.28	42.91	37.42	133.87	-751.57	1,164.73	1,144.03	1,069.84	74.19	15.420		
7,250.00	6,864.01	7,730.68	7,146.21	43.03	37.19	127.49	-751.47	1,150.74	1,144.99	1,070.40	74.59	15.350		
7,300.00	6,907.16	7,718.20	7,146.10	43.14	36.96	122.22	-751.40	1,138.26	1,147.83	1,072.93	74.90	15.324		
7,350.00	6,948.56	7,688.38	7,146.42	43.24	36.52	117.07	-751.09	1,108.44	1,152.42	1,077.59	74.83	15.400		
7,400.00	6,987.94	7,655.57	7,146.44	43.35	36.03	112.47	-750.83	1,075.64	1,158.25	1,083.63	74.62	15.523		
7,450.00	7,025.08	7,620.02	7,146.06	43.46	35.50	108.31	-750.62	1,040.10	1,165.03	1,090.74	74.29	15.683		
7,500.00	7,059.73	7,586.82	7,145.25	43.57	35.04	104.67	-750.47	1,006.90	1,172.51	1,098.52	73.99	15.847		
7,550.00	7,091.70	7,555.29	7,143.74	43.70	34.62	101.44	-750.19	975.41	1,180.58	1,106.85	73.72	16.013		
7,600.00	7,120.77	7,527.89	7,141.83	43.84	34.23	98.65	-749.86	948.08	1,189.02	1,115.50	73.52	16.173		
7,650.00	7,146.77	7,480.77	7,137.23	44.00	33.67	95.55	-749.04	901.19	1,197.61	1,124.58	73.03	16.399		
7,700.00	7,169.54	7,432.62	7,131.18	44.18	33.11	92.76	-748.51	853.43	1,205.73	1,133.18	72.55	16.620		
7,750.00	7,188.94	7,394.85	7,125.18	44.38	32.70	90.54	-748.25	816.14	1,213.26	1,140.93	72.33	16.773		
7,800.00	7,204.85	7,363.49	7,118.30	44.61	32.38	88.68	-747.87	785.55	1,220.51	1,148.20	72.31	16.879		
7,850.00	7,217.17	7,341.45	7,112.42	44.88	32.13	87.22	-747.60	764.32	1,227.36	1,154.87	72.49	16.932		
7,900.00	7,225.83	7,288.62	7,094.64	45.17	31.69	85.24	-746.54	714.59	1,233.75	1,161.54	72.21	17.085		
7,950.00	7,230.77	7,238.55	7,073.99	45.50	31.25	83.52	-746.34	669.00	1,238.88	1,166.90	71.99	17.210		
7,985.49	7,232.00	7,203.26	7,057.27	45.75	31.01	82.44	-746.66	637.93	1,241.76	1,169.85	71.91	17.268		
8,000.00	7,232.12	7,189.31	7,050.16	45.86	30.92	82.11	-746.91	625.93	1,242.81	1,170.92	71.89	17.288		
8,100.00	7,232.93	7,115.37	7,007.89	46.71	30.44	80.15	-749.22	565.37	1,251.36	1,179.15	72.21	17.329		
8,200.00	7,233.74	7,071.19	6,979.69	47.73	30.20	78.85	-750.41	531.38	1,264.39	1,191.14	73.26	17.260		
8,300.00	7,234.54	7,036.00	6,955.92	48.94	30.02	77.78	-750.90	505.44	1,282.66	1,208.14	74.52	17.212		
8,400.00	7,235.35	6,991.57	6,924.17	50.32	29.82	76.36	-751.14	474.38	1,306.12	1,230.52	75.60	17.277		
8,500.00	7,236.16	6,941.00	6,885.60	51.86	29.59	74.66	-751.08	441.68	1,335.03	1,258.54	76.49	17.453		
8,600.00	7,236.97	6,941.00	6,885.60	53.54	29.59	74.66	-751.08	441.68	1,368.95	1,290.57	78.38	17.465		
8,700.00	7,237.77	6,894.96	6,848.23	55.33	29.41	73.04	-751.10	414.81	1,407.67	1,328.45	79.22	17.769		
8,800.00	7,238.58	6,869.48	6,826.63	57.24	29.31	72.12	-751.29	401.30	1,451.39	1,371.03	80.36	18.062		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,900.00	7,239.39	6,846.00	6,806.19	59.24	29.21	71.25	-751.59	389.75	1,499.71	1,418.31	81.40	18.424		
9,000.00	7,240.20	6,815.57	6,779.25	61.31	29.09	70.12	-752.13	375.64	1,552.18	1,469.98	82.20	18.883		
9,100.00	7,241.01	6,785.36	6,752.21	63.46	28.98	69.00	-752.84	362.18	1,608.28	1,525.39	82.89	19.401		
9,200.00	7,241.81	6,753.00	6,722.95	65.67	28.85	67.80	-753.78	348.39	1,667.76	1,584.31	83.45	19.984		
9,300.00	7,242.62	6,753.00	6,722.95	67.93	28.85	67.80	-753.78	348.39	1,730.53	1,646.08	84.45	20.492		
9,400.00	7,243.43	6,753.00	6,722.95	70.25	28.85	67.80	-753.78	348.39	1,796.67	1,711.37	85.30	21.063		
9,500.00	7,244.24	6,753.00	6,722.95	72.60	28.85	67.80	-753.78	348.39	1,865.83	1,779.80	86.03	21.688		
9,600.00	7,245.04	6,717.65	6,690.33	74.99	28.72	66.48	-754.64	334.80	1,936.25	1,850.04	86.21	22.460		
9,700.00	7,245.85	6,710.17	6,683.32	77.42	28.69	66.21	-754.75	332.22	2,009.84	1,923.15	86.69	23.185		
9,800.00	7,246.66	6,703.27	6,676.81	79.87	28.66	65.95	-754.84	329.92	2,085.51	1,998.41	87.10	23.945		
9,900.00	7,247.47	6,696.88	6,670.76	82.36	28.63	65.71	-754.90	327.88	2,163.06	2,075.61	87.45	24.735		
10,000.00	7,248.28	6,659.00	6,634.39	84.87	28.49	64.31	-754.89	317.31	2,243.48	2,156.06	87.42	25.663		
10,100.00	7,249.08	6,659.00	6,634.39	87.40	28.49	64.31	-754.89	317.31	2,323.88	2,236.12	87.76	26.481		
10,200.00	7,249.89	6,659.00	6,634.39	89.95	28.49	64.31	-754.89	317.31	2,405.75	2,317.71	88.05	27.324		
10,300.00	7,250.70	6,659.00	6,634.39	92.52	28.49	64.31	-754.89	317.31	2,488.95	2,400.66	88.29	28.191		
10,400.00	7,251.51	6,659.00	6,634.39	95.11	28.49	64.31	-754.89	317.31	2,573.34	2,484.85	88.50	29.078		
10,500.00	7,252.31	6,659.00	6,634.39	97.71	28.49	64.31	-754.89	317.31	2,658.82	2,570.15	88.67	29.985		
10,600.00	7,253.12	6,659.00	6,634.39	100.33	28.49	64.31	-754.89	317.31	2,745.28	2,656.45	88.82	30.908		
10,700.00	7,253.93	6,659.00	6,634.39	102.96	28.49	64.31	-754.89	317.31	2,832.63	2,743.68	88.95	31.846		
10,800.00	7,254.74	6,659.00	6,634.39	105.61	28.49	64.31	-754.89	317.31	2,920.79	2,831.73	89.05	32.798		
10,900.00	7,255.55	6,659.00	6,634.39	108.26	28.49	64.31	-754.89	317.31	3,009.69	2,920.54	89.14	33.763		
11,000.00	7,256.35	6,659.00	6,634.39	110.92	28.49	64.31	-754.89	317.31	3,099.26	3,010.05	89.22	34.739		
11,100.00	7,257.16	6,659.00	6,634.39	113.60	28.49	64.31	-754.89	317.31	3,189.46	3,100.18	89.28	35.725		
11,200.00	7,257.97	6,659.00	6,634.39	116.28	28.49	64.31	-754.89	317.31	3,280.23	3,190.90	89.33	36.721		
11,300.00	7,258.78	6,659.00	6,634.39	118.97	28.49	64.31	-754.89	317.31	3,371.51	3,282.14	89.37	37.725		
11,400.00	7,259.58	6,659.00	6,634.39	121.67	28.49	64.31	-754.89	317.31	3,463.28	3,373.88	89.41	38.737		
11,500.00	7,260.39	6,659.00	6,634.39	124.38	28.49	64.31	-754.89	317.31	3,555.50	3,466.06	89.43	39.756		
11,600.00	7,261.20	6,621.12	6,597.43	127.09	28.34	62.93	-754.54	309.02	3,647.02	3,557.73	89.29	40.843		
11,700.00	7,262.01	6,617.86	6,594.23	129.81	28.32	62.81	-754.51	308.39	3,739.83	3,650.52	89.31	41.877		
11,800.00	7,262.82	6,614.74	6,591.17	132.53	28.31	62.70	-754.47	307.80	3,832.99	3,743.67	89.31	42.916		
11,900.00	7,263.62	6,611.76	6,588.24	135.26	28.30	62.59	-754.44	307.25	3,926.46	3,837.14	89.32	43.959		
12,000.00	7,264.43	6,608.90	6,585.43	138.00	28.29	62.49	-754.41	306.74	4,020.24	3,930.92	89.33	45.007		
12,100.00	7,265.24	6,606.16	6,582.73	140.74	28.28	62.39	-754.38	306.25	4,114.30	4,024.98	89.33	46.058		
12,200.00	7,266.05	6,603.54	6,580.15	143.49	28.27	62.29	-754.35	305.80	4,208.63	4,119.30	89.33	47.113		
12,300.00	7,266.86	6,564.00	6,541.04	146.24	28.11	60.89	-753.87	300.03	4,304.23	4,215.04	89.19	48.257		
12,400.00	7,267.66	6,564.00	6,541.04	148.99	28.11	60.89	-753.87	300.03	4,398.90	4,309.69	89.21	49.311		
12,500.00	7,268.47	6,564.00	6,541.04	151.75	28.11	60.89	-753.87	300.03	4,493.80	4,404.58	89.22	50.368		
12,600.00	7,269.28	6,564.00	6,541.04	154.51	28.11	60.89	-753.87	300.03	4,588.92	4,499.69	89.23	51.427		
12,700.00	7,270.09	6,564.00	6,541.04	157.27	28.11	60.89	-753.87	300.03	4,684.24	4,595.00	89.24	52.490		
12,800.00	7,270.89	6,564.00	6,541.04	160.04	28.11	60.89	-753.87	300.03	4,779.75	4,690.50	89.25	53.555		
12,900.00	7,271.70	6,564.00	6,541.04	162.81	28.11	60.89	-753.87	300.03	4,875.44	4,786.18	89.26	54.622		
13,000.00	7,272.51	6,564.00	6,541.04	165.58	28.11	60.89	-753.87	300.03	4,971.30	4,882.04	89.27	55.691		
13,100.00	7,273.32	6,564.00	6,541.04	168.36	28.11	60.89	-753.87	300.03	5,067.32	4,978.05	89.27	56.761		
13,200.00	7,274.13	6,564.00	6,541.04	171.14	28.11	60.89	-753.87	300.03	5,163.50	5,074.21	89.28	57.834		
13,300.00	7,274.93	6,564.00	6,541.04	173.92	28.11	60.89	-753.87	300.03	5,259.81	5,170.52	89.29	58.907		
13,400.00	7,275.74	6,564.00	6,541.04	176.71	28.11	60.89	-753.87	300.03	5,356.26	5,266.96	89.30	59.982		
13,500.00	7,276.55	6,564.00	6,541.04	179.49	28.11	60.89	-753.87	300.03	5,452.84	5,363.53	89.31	61.058		
13,555.88	7,277.00	6,564.00	6,541.04	181.05	28.11	60.89	-753.87	300.03	5,506.86	5,417.55	89.31	61.660		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	135.58	-517.68	507.26	724.86					
100.00	100.00	89.74	89.74	3.28	3.29	135.56	-517.44	507.44	724.73	718.16	6.57	110.299		
200.00	200.00	190.56	190.55	3.34	3.31	135.48	-516.59	508.08	724.58	717.93	6.64	109.063		
300.00	299.98	291.32	291.30	3.44	3.34	-10.64	-515.13	509.17	722.59	715.81	6.78	106.539		
400.00	399.84	405.32	405.26	3.59	3.44	-10.96	-512.66	510.21	716.62	709.58	7.04	101.848		
500.00	499.45	530.72	530.53	3.79	3.64	-11.33	-507.70	507.81	703.93	696.47	7.46	94.331		
600.00	598.70	649.09	648.51	4.04	3.90	-11.95	-498.87	503.88	684.44	676.46	7.98	85.740		
700.00	697.47	752.04	750.91	4.32	4.16	-12.72	-489.16	499.79	659.91	651.38	8.52	77.433		
800.00	795.62	857.07	855.29	4.64	4.46	-13.72	-478.42	495.23	631.43	622.30	9.13	69.141		
900.00	893.06	966.74	963.84	5.01	4.82	-15.25	-463.72	490.07	597.53	587.71	9.81	60.891		
1,000.00	989.64	1,070.32	1,065.88	5.41	5.17	-17.30	-446.77	484.72	558.64	548.13	10.51	53.168		
1,100.00	1,085.27	1,161.31	1,155.15	5.85	5.51	-19.80	-429.85	480.00	515.88	504.69	11.19	46.113		
1,200.00	1,179.82	1,246.83	1,239.08	6.33	5.83	-22.78	-414.02	475.58	470.98	459.10	11.89	39.628		
1,300.00	1,273.78	1,335.29	1,325.97	6.85	6.18	-26.06	-398.13	470.72	425.75	413.12	12.62	33.723		
1,400.00	1,367.75	1,424.91	1,413.71	7.38	6.55	-30.33	-380.59	465.70	381.12	367.71	13.41	28.426		
1,500.00	1,461.72	1,513.81	1,500.32	7.93	6.92	-35.90	-361.19	460.80	337.88	323.62	14.25	23.704		
1,600.00	1,555.69	1,599.59	1,583.43	8.49	7.30	-42.94	-340.57	455.67	297.10	281.91	15.19	19.557		
1,700.00	1,649.66	1,680.62	1,661.85	9.07	7.66	-51.20	-320.72	451.02	262.02	245.77	16.25	16.127		
1,800.00	1,743.63	1,760.58	1,739.45	9.65	8.02	-60.78	-301.75	447.32	236.03	218.64	17.39	13.569		
1,900.00	1,837.60	1,842.27	1,818.98	10.24	8.39	-71.59	-283.30	444.69	221.78	203.24	18.54	11.960		
1,964.58	1,898.29	1,897.85	1,873.21	10.62	8.63	-79.18	-271.22	443.29	219.29	200.05	19.24	11.400 CC, ES		
2,000.00	1,931.57	1,928.61	1,903.25	10.83	8.77	-83.38	-264.66	442.46	220.03	200.44	19.59	11.233		
2,100.00	2,025.54	2,015.86	1,988.58	11.43	9.17	-94.86	-246.61	439.92	229.82	209.36	20.46	11.232 SF		
2,200.00	2,119.51	2,101.66	2,072.56	12.03	9.55	-105.07	-229.28	437.11	249.68	228.51	21.16	11.798		
2,300.00	2,213.48	2,184.84	2,153.81	12.64	9.94	-113.76	-211.75	433.88	278.30	256.56	21.74	12.802		
2,400.00	2,307.45	2,265.28	2,232.25	13.25	10.31	-120.77	-194.14	431.22	314.03	291.78	22.25	14.112		
2,500.00	2,401.42	2,347.80	2,312.44	13.87	10.70	-126.65	-174.79	429.07	355.53	332.71	22.82	15.579		
2,600.00	2,495.39	2,441.44	2,403.84	14.48	11.13	-131.94	-154.57	426.71	398.43	374.82	23.61	16.875		
2,700.00	2,589.35	2,523.06	2,483.53	15.10	11.52	-135.79	-137.18	423.96	443.11	418.88	24.23	18.288		
2,800.00	2,683.32	2,600.79	2,559.21	15.72	11.89	-138.91	-119.69	421.02	490.39	465.58	24.81	19.764		
2,900.00	2,777.29	2,693.41	2,649.38	16.34	12.33	-142.04	-98.84	417.27	538.88	513.22	25.66	21.001		
3,000.00	2,871.26	2,770.58	2,724.57	16.97	12.70	-144.20	-81.70	414.55	588.00	561.71	26.28	22.372		
3,100.00	2,965.23	2,859.49	2,811.09	17.59	13.12	-146.20	-61.31	412.54	638.34	611.23	27.11	23.545		
3,200.00	3,059.20	2,931.84	2,881.53	18.22	13.47	-147.65	-44.93	410.42	689.01	661.32	27.69	24.879		
3,300.00	3,153.17	3,006.75	2,953.96	18.84	13.84	-149.06	-26.13	407.11	742.23	713.90	28.33	26.202		
3,400.00	3,247.14	3,117.25	3,061.29	19.47	14.38	-150.92	-0.44	401.65	794.38	764.87	29.51	26.921		
3,500.00	3,341.11	3,203.66	3,145.72	20.10	14.79	-152.17	17.54	397.79	844.67	814.35	30.32	27.855		
3,600.00	3,435.08	3,289.26	3,229.11	20.73	15.20	-153.23	36.51	394.21	896.35	865.22	31.13	28.789		
3,700.00	3,529.05	3,408.28	3,345.82	21.36	15.77	-154.59	59.22	388.99	945.50	913.12	32.38	29.196		
3,800.00	3,623.02	3,497.48	3,433.58	21.99	16.18	-155.50	74.76	385.36	993.49	960.25	33.24	29.892		
3,900.00	3,716.99	3,569.74	3,504.61	22.62	16.52	-156.12	87.87	383.08	1,042.12	1,008.24	33.88	30.758		
4,000.00	3,810.95	3,636.38	3,569.85	23.25	16.84	-156.64	101.29	380.92	1,092.53	1,058.08	34.46	31.708		
4,100.00	3,904.92	3,719.40	3,650.97	23.88	17.24	-157.24	118.64	377.95	1,143.80	1,108.55	35.25	32.446		
4,200.00	3,998.89	3,788.65	3,718.52	24.52	17.58	-157.68	133.75	375.80	1,195.82	1,159.95	35.87	33.338		
4,300.00	4,092.86	3,850.86	3,778.98	25.15	17.88	-158.00	148.35	374.39	1,249.14	1,212.75	36.40	34.321		
4,400.00	4,186.83	3,909.17	3,835.35	25.78	18.17	-158.28	163.18	372.96	1,304.16	1,267.30	36.87	35.375		
4,500.00	4,280.80	3,969.18	3,893.09	26.42	18.48	-158.56	179.39	371.06	1,360.71	1,323.34	37.36	36.417		
4,600.00	4,374.77	4,035.09	3,956.25	27.05	18.82	-158.86	198.07	368.43	1,418.52	1,380.57	37.95	37.377		
4,700.00	4,468.74	4,116.98	4,034.54	27.68	19.24	-159.18	221.89	365.52	1,476.91	1,438.13	38.78	38.083		
4,800.00	4,562.71	4,273.70	4,185.40	28.32	20.04	-159.71	264.08	361.33	1,533.63	1,492.98	40.65	37.728		
4,900.00	4,656.68	4,423.06	4,331.43	28.95	20.76	-160.32	294.86	355.88	1,584.41	1,542.12	42.29	37.465		
5,000.00	4,750.65	4,496.54	4,403.37	29.59	21.11	-160.62	309.52	352.82	1,635.48	1,592.49	42.99	38.046		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,100.00	4,844.62	4,575.75	4,480.84	30.23	21.50	-160.92	325.69	349.53	1,687.00	1,643.24	43.76	38.555		
5,200.00	4,938.59	4,655.37	4,558.64	30.86	21.88	-161.19	342.38	346.64	1,738.88	1,694.34	44.53	39.048		
5,300.00	5,032.56	4,759.00	4,659.97	31.50	22.39	-161.50	363.82	343.24	1,790.46	1,744.86	45.60	39.267		
5,400.00	5,126.52	4,842.19	4,741.39	32.13	22.79	-161.77	380.48	339.67	1,841.78	1,795.37	46.41	39.681		
5,500.00	5,220.49	4,950.08	4,847.21	32.77	23.30	-162.19	400.43	332.96	1,892.35	1,844.84	47.51	39.829		
5,600.00	5,314.46	5,018.31	4,914.11	33.41	23.63	-162.46	412.98	328.35	1,943.08	1,894.93	48.15	40.352		
5,700.00	5,408.43	5,071.25	4,965.89	34.04	23.89	-162.64	423.46	325.00	1,994.92	1,946.30	48.62	41.033		
5,800.00	5,502.40	5,120.00	5,013.40	34.68	24.13	-162.78	434.03	322.13	2,048.21	1,999.19	49.02	41.780		
5,900.00	5,596.37	5,900.00	5,147.35	35.32	27.94	-163.07	465.55	316.74	2,102.39	2,048.85	53.54	39.267		
6,000.00	5,690.34	5,504.20	5,390.13	35.96	25.96	-163.50	507.25	313.43	2,149.33	2,096.25	53.08	40.496		
6,100.00	5,784.31	5,575.92	5,461.04	36.59	26.28	-163.60	517.97	313.83	2,195.16	2,141.39	53.78	40.819		
6,200.00	5,878.28	6,200.00	5,620.20	37.23	29.03	-163.83	540.14	313.93	2,240.48	2,183.11	57.36	39.058		
6,300.00	5,972.25	5,963.50	5,846.25	37.87	27.95	-164.22	558.79	315.06	2,280.02	2,222.72	57.30	39.790		
6,400.00	6,066.22	6,097.21	5,979.83	38.51	28.49	-164.51	564.46	314.83	2,316.87	2,258.41	58.46	39.630		
6,500.00	6,160.19	6,224.48	6,107.05	39.14	29.00	-164.82	567.52	313.42	2,352.52	2,292.96	59.56	39.500		
6,600.00	6,254.16	6,348.29	6,230.85	39.78	29.47	-165.13	568.44	312.02	2,386.69	2,326.08	60.61	39.378		
6,700.00	6,348.13	7,759.28	7,050.29	40.42	38.28	-147.21	582.10	1,170.28	2,392.58	2,322.03	70.55	33.913		
6,727.57	6,374.03	7,763.13	7,050.31	40.60	38.34	-147.12	582.06	1,174.13	2,392.43	2,321.46	70.97	33.713		
6,800.00	6,442.09	7,778.00	7,050.44	41.06	38.56	-146.77	581.92	1,189.00	2,393.50	2,321.40	72.10	33.198		
6,869.92	6,507.80	7,784.71	7,050.51	41.51	38.67	-146.62	581.86	1,195.71	2,396.53	2,323.52	73.01	32.823		
6,900.00	6,536.18	7,789.36	7,050.55	41.69	38.75	-153.46	581.83	1,200.36	2,398.46	2,325.04	73.42	32.667		
6,950.00	6,583.76	7,794.38	7,050.60	41.98	38.83	-166.89	581.79	1,205.38	2,402.56	2,328.55	74.02	32.459		
7,000.00	6,631.58	7,796.03	7,050.61	42.23	38.86	178.04	581.78	1,207.03	2,407.77	2,333.26	74.51	32.316		
7,050.00	6,679.34	7,794.33	7,050.60	42.44	38.83	163.14	581.79	1,205.33	2,414.05	2,339.15	74.89	32.233		
7,100.00	6,726.76	7,789.34	7,050.55	42.62	38.75	150.01	581.83	1,200.34	2,421.34	2,346.16	75.18	32.208		
7,150.00	6,773.53	7,781.11	7,050.47	42.78	38.61	139.22	581.89	1,192.11	2,429.58	2,354.21	75.37	32.234		
7,200.00	6,819.38	7,770.52	7,050.37	42.91	38.45	130.58	581.98	1,181.52	2,438.66	2,363.15	75.51	32.298		
7,250.00	6,864.01	7,757.21	7,050.28	43.03	38.24	123.61	582.12	1,168.22	2,448.47	2,372.90	75.58	32.397		
7,300.00	6,907.16	7,740.88	7,050.24	43.14	38.00	117.86	582.30	1,151.88	2,458.89	2,383.31	75.58	32.534		
7,350.00	6,948.56	7,721.55	7,050.30	43.24	37.70	113.01	582.56	1,132.56	2,469.76	2,394.24	75.52	32.702		
7,400.00	6,987.94	7,699.31	7,050.49	43.35	37.36	108.84	582.90	1,110.32	2,480.93	2,405.52	75.41	32.898		
7,450.00	7,025.08	7,634.20	7,050.97	43.46	36.45	104.49	583.62	1,045.22	2,492.05	2,417.46	74.59	33.409		
7,500.00	7,059.73	7,500.00	7,050.28	43.57	34.82	100.21	583.02	949.45	2,502.58	2,429.66	72.92	34.320		
7,550.00	7,091.70	7,478.34	7,048.09	43.70	34.58	97.02	581.89	889.46	2,512.30	2,439.49	72.81	34.507		
7,600.00	7,120.77	7,442.87	7,044.42	43.84	34.23	94.57	580.71	854.20	2,520.82	2,448.15	72.68	34.686		
7,650.00	7,146.77	7,416.86	7,040.74	44.00	33.98	92.55	579.94	828.46	2,528.87	2,456.14	72.73	34.770		
7,700.00	7,169.54	7,390.58	7,036.18	44.18	33.74	90.79	579.26	802.60	2,536.35	2,463.53	72.82	34.828		
7,750.00	7,188.94	7,343.26	7,025.69	44.38	33.36	88.99	578.12	756.48	2,543.14	2,470.44	72.70	34.982		
7,800.00	7,204.85	7,211.10	6,978.12	44.61	32.60	86.21	571.17	633.70	2,548.32	2,476.75	71.58	35.603		
7,850.00	7,217.17	7,183.00	6,964.25	44.88	32.48	85.15	568.77	609.39	2,551.50	2,479.66	71.84	35.517		
7,900.00	7,225.83	7,183.00	6,964.25	45.17	32.48	84.69	568.77	609.39	2,554.16	2,481.64	72.51	35.223		
7,950.00	7,230.77	7,183.00	6,964.25	45.50	32.48	84.38	568.77	609.39	2,556.30	2,483.06	73.24	34.903		
7,985.49	7,232.00	7,183.00	6,964.25	45.75	32.48	84.25	568.77	609.39	2,557.49	2,483.71	73.78	34.663		
8,000.00	7,232.12	7,183.00	6,964.25	45.86	32.48	84.25	568.77	609.39	2,557.97	2,483.96	74.01	34.563		
8,100.00	7,232.93	7,140.04	6,940.47	46.71	32.32	83.71	566.24	573.72	2,561.52	2,486.35	75.16	34.080		
8,200.00	7,233.74	7,091.00	6,909.68	47.73	32.15	83.02	566.80	535.60	2,570.62	2,494.27	76.36	33.665		
8,300.00	7,234.54	7,091.00	6,909.68	48.94	32.15	83.02	566.80	535.60	2,581.03	2,502.80	78.23	32.994		
8,400.00	7,235.35	7,091.00	6,909.68	50.32	32.15	83.02	566.80	535.60	2,595.24	2,515.08	80.16	32.377		
8,500.00	7,236.16	7,091.00	6,909.68	51.86	32.15	83.02	566.80	535.60	2,613.21	2,531.09	82.12	31.822		
8,600.00	7,236.97	7,049.46	6,881.15	53.54	32.00	82.39	569.00	505.50	2,634.05	2,550.35	83.70	31.472		
8,700.00	7,237.77	7,022.18	6,861.46	55.33	31.91	81.96	570.64	486.70	2,657.80	2,572.38	85.42	31.114		
8,800.00	7,238.58	6,997.00	6,842.64	57.24	31.83	81.54	572.29	470.05	2,684.43	2,597.26	87.16	30.798		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,900.00	7,239.39	6,997.00	6,842.64	59.24	31.83	81.54	572.29	470.05	2,714.17	2,625.06	89.11	30.458		
9,000.00	7,240.20	6,957.00	6,811.24	61.31	31.70	80.86	575.07	445.44	2,746.31	2,655.62	90.69	30.283		
9,100.00	7,241.01	6,939.90	6,797.22	63.46	31.64	80.56	576.31	435.72	2,781.54	2,689.13	92.41	30.100		
9,200.00	7,241.81	6,905.00	6,767.61	65.67	31.53	79.92	578.89	417.45	2,819.80	2,725.87	93.93	30.019		
9,300.00	7,242.62	6,905.00	6,767.61	67.93	31.53	79.92	578.89	417.45	2,860.33	2,764.65	95.68	29.895		
9,400.00	7,243.43	6,905.00	6,767.61	70.25	31.53	79.92	578.89	417.45	2,903.74	2,806.39	97.34	29.829		
9,500.00	7,244.24	6,866.19	6,733.42	72.60	31.40	79.19	581.48	399.29	2,949.39	2,850.73	98.67	29.893		
9,600.00	7,245.04	6,845.62	6,714.87	74.99	31.33	78.79	582.58	390.47	2,997.44	2,897.40	100.05	29.961		
9,700.00	7,245.85	6,687.26	6,566.89	77.42	30.77	75.62	579.73	334.80	3,046.70	2,946.50	100.20	30.407		
9,800.00	7,246.66	6,677.87	6,557.92	79.87	30.74	75.43	578.96	332.16	3,097.76	2,996.22	101.54	30.508		
9,900.00	7,247.47	6,669.36	6,549.75	82.36	30.71	75.25	578.24	329.87	3,151.10	3,048.28	102.81	30.649		
10,000.00	7,248.28	6,661.61	6,542.29	84.87	30.68	75.09	577.58	327.88	3,206.60	3,102.58	104.02	30.828		
10,100.00	7,249.08	6,625.00	6,506.76	87.40	30.54	74.33	574.24	319.70	3,264.62	3,159.75	104.87	31.130		
10,200.00	7,249.89	6,625.00	6,506.76	89.95	30.54	74.33	574.24	319.70	3,323.98	3,217.97	106.01	31.356		
10,300.00	7,250.70	6,625.00	6,506.76	92.52	30.54	74.33	574.24	319.70	3,385.25	3,278.17	107.07	31.616		
10,400.00	7,251.51	6,625.00	6,506.76	95.11	30.54	74.33	574.24	319.70	3,448.33	3,340.26	108.07	31.908		
10,500.00	7,252.31	6,625.00	6,506.76	97.71	30.54	74.33	574.24	319.70	3,513.12	3,404.12	109.00	32.230		
10,600.00	7,253.12	6,625.00	6,506.76	100.33	30.54	74.33	574.24	319.70	3,579.54	3,469.67	109.87	32.578		
10,700.00	7,253.93	6,625.00	6,506.76	102.96	30.54	74.33	574.24	319.70	3,647.49	3,536.80	110.69	32.953		
10,800.00	7,254.74	6,625.00	6,506.76	105.61	30.54	74.33	574.24	319.70	3,716.89	3,605.44	111.45	33.351		
10,900.00	7,255.55	6,625.00	6,506.76	108.26	30.54	74.33	574.24	319.70	3,787.66	3,675.50	112.16	33.771		
11,000.00	7,256.35	6,625.00	6,506.76	110.92	30.54	74.33	574.24	319.70	3,859.72	3,746.90	112.82	34.212		
11,100.00	7,257.16	6,625.00	6,506.76	113.60	30.54	74.33	574.24	319.70	3,933.00	3,819.56	113.44	34.672		
11,200.00	7,257.97	6,625.00	6,506.76	116.28	30.54	74.33	574.24	319.70	4,007.44	3,893.43	114.01	35.150		
11,300.00	7,258.78	6,625.00	6,506.76	118.97	30.54	74.33	574.24	319.70	4,082.97	3,968.42	114.55	35.644		
11,400.00	7,259.58	6,625.00	6,506.76	121.67	30.54	74.33	574.24	319.70	4,159.53	4,044.49	115.05	36.155		
11,500.00	7,260.39	6,625.00	6,506.76	124.38	30.54	74.33	574.24	319.70	4,237.07	4,121.56	115.51	36.680		
11,600.00	7,261.20	6,625.00	6,506.76	127.09	30.54	74.33	574.24	319.70	4,315.54	4,199.59	115.95	37.219		
11,700.00	7,262.01	6,625.00	6,506.76	129.81	30.54	74.33	574.24	319.70	4,394.88	4,278.52	116.36	37.771		
11,800.00	7,262.82	6,625.00	6,506.76	132.53	30.54	74.33	574.24	319.70	4,475.04	4,358.31	116.74	38.335		
11,900.00	7,263.62	6,625.00	6,506.76	135.26	30.54	74.33	574.24	319.70	4,555.99	4,438.90	117.09	38.910		
12,000.00	7,264.43	6,625.00	6,506.76	138.00	30.54	74.33	574.24	319.70	4,637.69	4,520.27	117.42	39.496		
12,100.00	7,265.24	6,625.00	6,506.76	140.74	30.54	74.33	574.24	319.70	4,720.09	4,602.36	117.73	40.092		
12,200.00	7,266.05	6,625.00	6,506.76	143.49	30.54	74.33	574.24	319.70	4,803.16	4,685.14	118.02	40.698		
12,300.00	7,266.86	6,625.00	6,506.76	146.24	30.54	74.33	574.24	319.70	4,886.86	4,768.57	118.29	41.312		
12,400.00	7,267.66	6,625.00	6,506.76	148.99	30.54	74.33	574.24	319.70	4,971.16	4,852.62	118.54	41.935		
12,500.00	7,268.47	6,625.00	6,506.76	151.75	30.54	74.33	574.24	319.70	5,056.04	4,937.26	118.78	42.566		
12,600.00	7,269.28	6,625.00	6,506.76	154.51	30.54	74.33	574.24	319.70	5,141.46	5,022.46	119.00	43.205		
12,700.00	7,270.09	6,625.00	6,506.76	157.27	30.54	74.33	574.24	319.70	5,227.40	5,108.19	119.21	43.850		
12,800.00	7,270.89	6,625.00	6,506.76	160.04	30.54	74.33	574.24	319.70	5,313.83	5,194.42	119.41	44.502		
12,900.00	7,271.70	6,625.00	6,506.76	162.81	30.54	74.33	574.24	319.70	5,400.73	5,281.13	119.59	45.160		
13,000.00	7,272.51	6,625.00	6,506.76	165.58	30.54	74.33	574.24	319.70	5,488.07	5,368.31	119.76	45.825		
13,100.00	7,273.32	6,625.00	6,506.76	168.36	30.54	74.33	574.24	319.70	5,575.84	5,455.91	119.92	46.494		
13,200.00	7,274.13	6,625.00	6,506.76	171.14	30.54	74.33	574.24	319.70	5,664.01	5,543.94	120.08	47.170		
13,300.00	7,274.93	6,625.00	6,506.76	173.92	30.54	74.33	574.24	319.70	5,752.58	5,632.35	120.22	47.850		
13,400.00	7,275.74	6,625.00	6,506.76	176.71	30.54	74.33	574.24	319.70	5,841.51	5,721.15	120.36	48.535		
13,500.00	7,276.55	6,625.00	6,506.76	179.49	30.54	74.33	574.24	319.70	5,930.79	5,810.31	120.48	49.225		
13,555.88	7,277.00	6,625.00	6,506.76	181.05	30.54	74.33	574.24	319.70	5,980.83	5,860.28	120.55	49.612		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	133.26	-477.60	507.54	697.01					
100.00	100.00	81.59	81.59	3.28	3.29	133.25	-477.83	507.92	697.40	690.83	6.57	106.147		
200.00	200.00	177.62	177.60	3.34	3.31	133.22	-478.60	509.24	698.94	692.29	6.65	105.068		
300.00	299.98	283.97	283.94	3.44	3.41	-12.80	-479.15	510.59	698.52	691.67	6.85	101.951		
400.00	399.84	396.47	396.44	3.59	3.57	-13.04	-478.14	511.37	693.32	686.15	7.17	96.690		
500.00	499.45	527.91	527.73	3.79	3.83	-13.64	-472.46	510.88	681.71	674.05	7.66	89.010		
600.00	598.70	663.27	662.33	4.04	4.18	-14.79	-458.75	507.68	661.43	653.14	8.29	79.782		
700.00	697.47	797.20	794.07	4.32	4.58	-16.86	-435.29	503.10	632.57	623.55	9.02	70.163		
800.00	795.62	907.52	900.76	4.64	4.95	-19.71	-407.52	499.73	596.57	586.88	9.69	61.577		
900.00	893.06	1,005.37	994.38	5.01	5.31	-23.21	-379.17	497.05	556.64	546.29	10.34	53.810		
1,000.00	989.64	1,101.86	1,085.93	5.41	5.70	-27.65	-348.93	493.28	513.25	502.21	11.05	46.457		
1,100.00	1,085.27	1,184.89	1,164.58	5.85	6.06	-32.43	-322.63	489.21	468.46	456.72	11.74	39.891		
1,200.00	1,179.82	1,263.70	1,239.78	6.33	6.40	-37.78	-299.54	484.64	424.21	411.72	12.49	33.971		
1,300.00	1,273.78	1,353.70	1,325.67	6.85	6.81	-44.37	-273.41	478.20	381.58	368.25	13.34	28.609		
1,400.00	1,367.75	1,430.59	1,398.40	7.38	7.18	-51.32	-249.13	472.50	343.56	329.31	14.25	24.105		
1,500.00	1,461.72	1,502.42	1,465.84	7.93	7.53	-59.00	-224.80	468.23	314.41	299.14	15.26	20.598		
1,600.00	1,555.69	1,575.71	1,534.50	8.49	7.90	-67.64	-199.35	465.36	297.71	281.40	16.32	18.246		
1,682.75	1,633.45	1,641.96	1,597.24	8.97	8.23	-75.46	-178.17	463.44	293.59	276.42	17.17	17.097 CC, ES		
1,700.00	1,649.66	1,654.81	1,609.46	9.07	8.29	-76.96	-174.19	463.13	293.81	276.48	17.33	16.950		
1,800.00	1,743.63	1,731.46	1,682.25	9.65	8.67	-85.80	-150.23	461.64	302.61	284.40	18.21	16.622 SF		
1,900.00	1,837.60	1,807.56	1,754.34	10.24	9.05	-94.07	-125.84	460.80	323.45	304.52	18.93	17.087		
2,000.00	1,931.57	1,886.45	1,828.88	10.83	9.46	-101.79	-100.03	460.46	354.26	334.68	19.59	18.087		
2,100.00	2,025.54	1,970.00	1,907.93	11.43	9.89	-108.94	-73.02	459.38	391.51	371.25	20.26	19.323		
2,200.00	2,119.51	2,051.13	1,984.69	12.03	10.31	-114.99	-46.84	457.19	433.60	412.71	20.89	20.752		
2,300.00	2,213.48	2,132.01	2,061.22	12.64	10.73	-120.19	-20.81	454.39	479.51	457.97	21.53	22.268		
2,400.00	2,307.45	2,214.03	2,138.90	13.25	11.16	-124.70	5.32	451.11	528.16	505.95	22.20	23.787		
2,500.00	2,401.42	2,297.67	2,218.19	13.87	11.60	-128.70	31.61	446.84	578.68	555.76	22.91	25.255		
2,600.00	2,495.39	2,379.03	2,295.33	14.48	12.04	-132.14	56.87	441.34	630.60	607.00	23.60	26.715		
2,700.00	2,589.35	2,454.75	2,367.05	15.10	12.44	-134.99	80.41	435.43	684.08	659.85	24.23	28.228		
2,800.00	2,683.32	2,532.06	2,440.15	15.72	12.86	-137.50	104.95	429.78	739.38	714.47	24.90	29.688		
2,900.00	2,777.29	2,621.92	2,525.32	16.34	13.34	-140.06	132.73	422.84	794.99	769.23	25.76	30.862		
3,000.00	2,871.26	2,708.76	2,608.11	16.97	13.80	-142.06	158.48	417.97	850.26	823.68	26.59	31.981		
3,100.00	2,965.23	2,780.04	2,676.05	17.59	14.18	-143.37	179.93	416.02	906.36	879.14	27.22	33.293		
3,200.00	3,059.20	2,860.80	2,752.92	18.22	14.61	-144.64	204.66	414.42	963.24	935.24	28.00	34.400		
3,300.00	3,153.17	2,937.90	2,826.27	18.84	15.02	-145.78	228.28	412.19	1,020.50	991.76	28.73	35.516		
3,400.00	3,247.14	3,011.23	2,895.94	19.47	15.41	-146.74	251.09	410.31	1,078.39	1,048.96	29.42	36.650		
3,500.00	3,341.11	3,086.79	2,967.53	20.10	15.81	-147.53	275.28	410.06	1,137.05	1,106.89	30.16	37.704		
3,600.00	3,435.08	3,171.51	3,047.84	20.73	16.27	-148.31	302.24	410.17	1,195.65	1,164.63	31.02	38.544		
3,700.00	3,529.05	3,245.72	3,118.17	21.36	16.66	-148.95	325.89	409.82	1,254.48	1,222.74	31.74	39.518		
3,800.00	3,623.02	3,322.98	3,191.34	21.99	17.08	-149.60	350.67	408.77	1,313.70	1,281.19	32.51	40.405		
3,900.00	3,716.99	3,414.99	3,278.59	22.62	17.58	-150.36	379.82	406.56	1,372.84	1,339.37	33.48	41.010		
4,000.00	3,810.95	3,522.74	3,381.22	23.25	18.16	-151.12	412.59	405.06	1,430.91	1,396.27	34.63	41.316		
4,100.00	3,904.92	3,626.51	3,480.53	23.88	18.70	-151.70	442.65	405.52	1,487.58	1,451.86	35.73	41.636		
4,200.00	3,998.89	3,726.05	3,576.19	24.52	19.21	-152.24	470.15	405.44	1,543.27	1,506.51	36.76	41.983		
4,300.00	4,092.86	3,787.59	3,635.28	25.15	19.53	-152.55	487.35	405.36	1,599.24	1,561.89	37.34	42.824		
4,400.00	4,186.83	3,853.01	3,697.92	25.78	19.87	-152.86	506.25	405.41	1,656.07	1,618.09	37.98	43.608		
4,500.00	4,280.80	3,918.87	3,760.75	26.42	20.22	-153.13	525.97	405.83	1,713.74	1,675.13	38.62	44.378		
4,600.00	4,374.77	3,986.57	3,825.17	27.05	20.58	-153.39	546.76	406.20	1,772.11	1,732.83	39.28	45.111		
4,700.00	4,468.74	4,051.50	3,886.81	27.68	20.93	-153.63	567.18	406.44	1,831.16	1,791.24	39.92	45.872		
4,800.00	4,562.71	4,112.10	3,944.16	28.32	21.26	-153.83	586.76	406.66	1,890.96	1,850.46	40.50	46.689		
4,900.00	4,656.68	4,168.43	3,997.25	28.95	21.57	-154.01	605.60	406.84	1,951.71	1,910.68	41.03	47.567		
5,000.00	4,750.65	4,228.46	4,053.60	29.59	21.91	-154.19	626.27	406.96	2,013.32	1,971.71	41.61	48.384		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,100.00	4,844.62	4,402.17	4,217.46	30.23	22.87	-154.73	683.85	406.15	2,074.64	2,031.01	43.63	47.547		
5,200.00	4,938.59	4,525.09	4,335.11	30.86	23.52	-155.12	719.43	404.87	2,131.88	2,086.92	44.96	47.419		
5,300.00	5,032.56	4,642.32	4,447.82	31.50	24.13	-155.50	751.63	403.42	2,188.07	2,141.88	46.19	47.368		
5,400.00	5,126.52	4,686.02	4,489.86	32.13	24.36	-155.64	763.51	402.45	2,244.25	2,197.65	46.60	48.161		
5,500.00	5,220.49	4,737.00	4,538.64	32.77	24.63	-155.82	778.22	400.61	2,301.95	2,254.87	47.08	48.895		
5,600.00	5,314.46	4,779.83	4,579.44	33.41	24.86	-155.97	791.11	398.73	2,360.84	2,313.38	47.46	49.742		
5,700.00	5,408.43	4,843.70	4,640.10	34.04	25.21	-156.19	810.90	395.85	2,420.64	2,372.55	48.09	50.332		
5,800.00	5,502.40	4,940.56	4,732.28	34.68	25.74	-156.52	840.25	391.14	2,479.95	2,430.82	49.12	50.483		
5,900.00	5,596.37	4,982.82	4,772.40	35.32	25.97	-156.67	853.32	388.84	2,539.98	2,490.48	49.50	51.315		
6,000.00	5,690.34	5,108.69	4,891.66	35.96	26.67	-157.10	892.77	380.89	2,600.95	2,550.07	50.88	51.120		
6,100.00	5,784.31	5,231.23	5,008.84	36.59	27.32	-157.54	927.56	372.21	2,659.24	2,607.05	52.19	50.955		
6,200.00	5,878.28	5,581.87	5,347.97	37.23	29.10	-158.65	1,012.99	351.19	2,717.39	2,661.63	55.76	48.735		
6,300.00	5,972.25	5,695.59	5,459.70	37.87	29.63	-159.00	1,033.33	345.31	2,766.72	2,709.88	56.85	48.670		
6,400.00	6,066.22	5,892.31	5,653.64	38.51	30.52	-159.44	1,065.96	341.75	2,814.51	2,755.90	58.62	48.015		
6,500.00	6,160.19	6,003.43	5,763.62	39.14	31.00	-159.66	1,081.77	341.28	2,859.64	2,799.99	59.65	47.938		
6,600.00	6,254.16	6,090.34	5,849.73	39.78	31.38	-159.84	1,093.54	340.09	2,904.44	2,843.94	60.50	48.010		
6,700.00	6,348.13	6,700.00	6,052.80	40.42	33.91	-160.22	1,118.51	339.82	2,948.00	2,884.09	63.91	46.127		
6,800.00	6,442.09	7,877.25	7,073.52	41.06	40.49	-145.45	1,163.91	1,238.29	2,965.14	2,891.17	73.97	40.087		
6,869.92	6,507.80	7,889.91	7,072.94	41.51	40.67	-145.21	1,163.74	1,250.93	2,970.73	2,895.81	74.92	39.653		
6,900.00	6,536.18	7,894.73	7,072.74	41.69	40.75	-152.16	1,163.66	1,255.75	2,973.66	2,898.35	75.30	39.490		
6,950.00	6,583.76	7,899.14	7,072.56	41.98	40.81	-165.76	1,163.59	1,260.14	2,979.32	2,903.47	75.85	39.279		
7,000.00	6,631.58	7,898.73	7,072.57	42.23	40.81	178.98	1,163.60	1,259.74	2,985.97	2,909.69	76.28	39.145		
7,050.00	6,679.34	7,893.18	7,072.80	42.44	40.72	163.90	1,163.69	1,254.19	2,993.55	2,916.96	76.59	39.087		
7,100.00	6,726.76	7,882.14	7,073.29	42.62	40.56	150.57	1,163.85	1,243.17	3,001.99	2,925.21	76.77	39.103		
7,150.00	6,773.53	7,865.31	7,074.12	42.78	40.31	139.57	1,164.06	1,226.36	3,011.17	2,934.34	76.83	39.194		
7,200.00	6,819.38	7,842.38	7,075.39	42.91	39.97	130.68	1,164.30	1,203.46	3,020.97	2,944.21	76.76	39.356		
7,250.00	6,864.01	7,825.00	7,076.48	43.03	39.71	123.66	1,164.43	1,186.12	3,031.25	2,954.47	76.78	39.479		
7,300.00	6,907.16	7,805.31	7,077.62	43.14	39.45	117.90	1,164.61	1,166.46	3,041.92	2,965.14	76.79	39.615		
7,350.00	6,948.56	7,789.37	7,078.31	43.24	39.24	113.18	1,164.83	1,150.54	3,052.91	2,976.06	76.85	39.724		
7,400.00	6,987.94	7,772.19	7,078.83	43.35	39.02	109.17	1,165.14	1,133.37	3,064.11	2,987.20	76.91	39.843		
7,450.00	7,025.08	7,450.00	7,076.24	43.46	36.03	104.93	1,166.49	1,063.50	3,075.38	3,002.41	72.97	42.146		
7,500.00	7,059.73	7,543.00	7,045.75	43.57	36.59	99.77	1,164.82	908.04	3,085.27	3,011.11	74.16	41.605		
7,550.00	7,091.70	7,543.00	7,045.75	43.70	36.59	97.52	1,164.82	908.04	3,094.59	3,020.06	74.53	41.521		
7,600.00	7,120.77	7,543.00	7,045.75	43.84	36.59	95.56	1,164.82	908.04	3,103.77	3,028.83	74.94	41.417		
7,650.00	7,146.77	7,509.80	7,034.03	44.00	36.36	93.36	1,163.94	876.99	3,112.13	3,037.18	74.96	41.519		
7,700.00	7,169.54	7,500.61	7,030.45	44.18	36.30	91.75	1,163.83	868.53	3,120.44	3,045.12	75.32	41.428		
7,750.00	7,188.94	7,490.98	7,026.55	44.38	36.25	90.34	1,163.79	859.73	3,128.30	3,052.58	75.73	41.311		
7,800.00	7,204.85	7,450.00	7,008.23	44.61	36.02	88.72	1,164.35	823.08	3,136.21	3,060.45	75.76	41.397		
7,850.00	7,217.17	7,450.00	7,008.23	44.88	36.02	87.82	1,164.35	823.08	3,142.68	3,066.30	76.38	41.145		
7,900.00	7,225.83	7,450.00	7,008.23	45.17	36.02	87.08	1,164.35	823.08	3,148.63	3,071.59	77.04	40.868		
7,950.00	7,230.77	7,450.00	7,008.23	45.50	36.02	86.49	1,164.35	823.08	3,154.04	3,076.30	77.75	40.569		
7,985.49	7,232.00	7,450.00	7,008.23	45.75	36.02	86.16	1,164.35	823.08	3,157.53	3,079.27	78.26	40.346		
8,000.00	7,232.12	7,427.52	6,997.20	45.86	35.92	85.96	1,165.05	803.51	3,158.76	3,080.55	78.21	40.388		
8,100.00	7,232.93	7,387.68	6,976.55	46.71	35.75	85.58	1,166.60	769.48	3,169.04	3,089.73	79.30	39.961		
8,200.00	7,233.74	7,314.47	6,935.21	47.73	35.51	84.83	1,169.97	709.17	3,181.32	3,101.15	80.17	39.682		
8,300.00	7,234.54	7,047.99	6,760.51	48.94	34.87	81.66	1,166.55	508.53	3,190.06	3,110.76	79.30	40.226		
8,400.00	7,235.35	7,011.97	6,733.75	50.32	34.78	81.18	1,164.75	484.49	3,200.61	3,119.73	80.88	39.570		
8,500.00	7,236.16	6,979.00	6,708.33	51.86	34.70	80.72	1,163.16	463.56	3,213.54	3,130.98	82.56	38.923		
8,600.00	7,236.97	6,952.99	6,687.57	53.54	34.63	80.34	1,161.94	447.94	3,228.97	3,144.60	84.37	38.273		
8,700.00	7,237.77	6,929.72	6,668.40	55.33	34.56	80.00	1,160.85	434.79	3,246.95	3,160.72	86.23	37.655		
8,800.00	7,238.58	6,885.00	6,630.10	57.24	34.44	79.31	1,158.78	411.81	3,267.77	3,179.86	87.92	37.169		
8,900.00	7,239.39	8,900.00	6,620.50	59.24	41.48	79.14	1,157.94	407.61	3,290.73	3,192.32	98.41	33.439		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,000.00	7,240.20	6,833.54	6,583.95	61.31	34.27	78.49	1,155.47	389.35	3,316.34	3,224.71	91.63	36.191		
9,100.00	7,241.01	6,790.00	6,543.49	63.46	34.12	77.76	1,151.17	373.90	3,344.02	3,250.72	93.30	35.841		
9,200.00	7,241.81	6,790.00	6,543.49	65.67	34.12	77.76	1,151.17	373.90	3,374.27	3,278.94	95.34	35.393		
9,300.00	7,242.62	6,790.00	6,543.49	67.93	34.12	77.76	1,151.17	373.90	3,407.19	3,309.86	97.33	35.007		
9,400.00	7,243.43	6,790.00	6,543.49	70.25	34.12	77.76	1,151.17	373.90	3,442.70	3,343.43	99.27	34.681		
9,500.00	7,244.24	6,790.00	6,543.49	72.60	34.12	77.76	1,151.17	373.90	3,480.72	3,379.57	101.15	34.411		
9,600.00	7,245.04	6,790.00	6,543.49	74.99	34.12	77.76	1,151.17	373.90	3,521.17	3,418.19	102.98	34.194		
9,700.00	7,245.85	6,790.00	6,543.49	77.42	34.12	77.76	1,151.17	373.90	3,563.97	3,459.23	104.74	34.028		
9,800.00	7,246.66	6,790.00	6,543.49	79.87	34.12	77.76	1,151.17	373.90	3,609.03	3,502.60	106.43	33.909		
9,900.00	7,247.47	6,748.83	6,504.21	82.36	33.97	77.06	1,146.92	362.36	3,654.85	3,547.10	107.74	33.922		
10,000.00	7,248.28	6,745.08	6,500.58	84.87	33.96	76.99	1,146.58	361.45	3,703.89	3,594.61	109.28	33.892		
10,100.00	7,249.08	6,741.53	6,497.15	87.40	33.95	76.93	1,146.26	360.62	3,754.93	3,644.17	110.76	33.901		
10,200.00	7,249.89	6,738.18	6,493.90	89.95	33.94	76.87	1,145.97	359.86	3,807.90	3,695.72	112.17	33.946		
10,300.00	7,250.70	6,735.00	6,490.81	92.52	33.92	76.82	1,145.70	359.16	3,862.71	3,749.18	113.52	34.026		
10,400.00	7,251.51	6,695.00	6,451.61	95.11	33.78	76.13	1,142.76	351.83	3,920.51	3,805.99	114.52	34.233		
10,500.00	7,252.31	6,695.00	6,451.61	97.71	33.78	76.13	1,142.76	351.83	3,978.61	3,862.84	115.78	34.364		
10,600.00	7,253.12	6,695.00	6,451.61	100.33	33.78	76.13	1,142.76	351.83	4,038.35	3,921.38	116.97	34.524		
10,700.00	7,253.93	6,695.00	6,451.61	102.96	33.78	76.13	1,142.76	351.83	4,099.66	3,981.56	118.11	34.712		
10,800.00	7,254.74	6,695.00	6,451.61	105.61	33.78	76.13	1,142.76	351.83	4,162.47	4,043.29	119.18	34.925		
10,900.00	7,255.55	6,695.00	6,451.61	108.26	33.78	76.13	1,142.76	351.83	4,226.72	4,106.51	120.21	35.162		
11,000.00	7,256.35	6,695.00	6,451.61	110.92	33.78	76.13	1,142.76	351.83	4,292.33	4,171.15	121.18	35.422		
11,100.00	7,257.16	6,695.00	6,451.61	113.60	33.78	76.13	1,142.76	351.83	4,359.25	4,237.15	122.10	35.703		
11,200.00	7,257.97	6,695.00	6,451.61	116.28	33.78	76.13	1,142.76	351.83	4,427.41	4,304.44	122.97	36.004		
11,300.00	7,258.78	6,695.00	6,451.61	118.97	33.78	76.13	1,142.76	351.83	4,496.77	4,372.97	123.80	36.323		
11,400.00	7,259.58	6,695.00	6,451.61	121.67	33.78	76.13	1,142.76	351.83	4,567.26	4,442.68	124.58	36.660		
11,500.00	7,260.39	6,695.00	6,451.61	124.38	33.78	76.13	1,142.76	351.83	4,638.84	4,513.51	125.33	37.014		
11,600.00	7,261.20	6,695.00	6,451.61	127.09	33.78	76.13	1,142.76	351.83	4,711.45	4,585.42	126.03	37.384		
11,700.00	7,262.01	6,695.00	6,451.61	129.81	33.78	76.13	1,142.76	351.83	4,785.05	4,658.35	126.70	37.768		
11,800.00	7,262.82	6,695.00	6,451.61	132.53	33.78	76.13	1,142.76	351.83	4,859.59	4,732.26	127.33	38.166		
11,900.00	7,263.62	6,695.00	6,451.61	135.26	33.78	76.13	1,142.76	351.83	4,935.04	4,807.11	127.93	38.577		
12,000.00	7,264.43	6,695.00	6,451.61	138.00	33.78	76.13	1,142.76	351.83	5,011.34	4,882.84	128.50	39.000		
12,100.00	7,265.24	6,695.00	6,451.61	140.74	33.78	76.13	1,142.76	351.83	5,088.46	4,959.43	129.03	39.435		
12,200.00	7,266.05	6,695.00	6,451.61	143.49	33.78	76.13	1,142.76	351.83	5,166.37	5,036.83	129.54	39.881		
12,300.00	7,266.86	6,695.00	6,451.61	146.24	33.78	76.13	1,142.76	351.83	5,245.03	5,115.00	130.03	40.338		
12,400.00	7,267.66	6,695.00	6,451.61	148.99	33.78	76.13	1,142.76	351.83	5,324.41	5,193.92	130.49	40.804		
12,500.00	7,268.47	6,695.00	6,451.61	151.75	33.78	76.13	1,142.76	351.83	5,404.47	5,273.54	130.92	41.280		
12,600.00	7,269.28	6,695.00	6,451.61	154.51	33.78	76.13	1,142.76	351.83	5,485.18	5,353.85	131.33	41.765		
12,700.00	7,270.09	6,695.00	6,451.61	157.27	33.78	76.13	1,142.76	351.83	5,566.52	5,434.79	131.73	42.258		
12,800.00	7,270.89	6,695.00	6,451.61	160.04	33.78	76.13	1,142.76	351.83	5,648.46	5,516.36	132.10	42.760		
12,900.00	7,271.70	6,695.00	6,451.61	162.81	33.78	76.13	1,142.76	351.83	5,730.97	5,598.52	132.45	43.268		
13,000.00	7,272.51	6,695.00	6,451.61	165.58	33.78	76.13	1,142.76	351.83	5,814.03	5,681.24	132.79	43.784		
13,100.00	7,273.32	6,695.00	6,451.61	168.36	33.78	76.13	1,142.76	351.83	5,897.62	5,764.51	133.11	44.307		
13,200.00	7,274.13	6,695.00	6,451.61	171.14	33.78	76.13	1,142.76	351.83	5,981.71	5,848.30	133.41	44.837		
13,300.00	7,274.93	6,695.00	6,451.61	173.92	33.78	76.13	1,142.76	351.83	6,066.28	5,932.58	133.70	45.372		
13,400.00	7,275.74	6,695.00	6,451.61	176.71	33.78	76.13	1,142.76	351.83	6,151.32	6,017.35	133.98	45.914		
13,500.00	7,276.55	6,695.00	6,451.61	179.49	33.78	76.13	1,142.76	351.83	6,236.80	6,102.56	134.24	46.461		
13,555.88	7,277.00	6,695.00	6,451.61	181.05	33.78	76.13	1,142.76	351.83	6,284.76	6,150.38	134.38	46.769		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	134.44	-497.64	507.54	710.89					
100.00	100.00	95.86	95.86	3.28	3.29	134.42	-497.19	507.33	710.37	703.80	6.57	108.092		
200.00	200.00	203.55	203.54	3.34	3.31	134.37	-495.62	506.59	708.86	702.21	6.65	106.610		
300.00	299.98	311.10	311.05	3.44	3.35	-11.70	-492.94	505.32	704.56	697.77	6.80	103.675		
400.00	399.84	418.23	418.09	3.59	3.41	-11.96	-489.14	503.52	695.78	688.77	7.01	99.239		
500.00	499.45	534.56	534.21	3.79	3.57	-12.45	-482.66	501.12	681.96	674.57	7.39	92.322		
600.00	598.70	645.01	644.16	4.04	3.79	-13.33	-472.44	499.21	662.55	654.68	7.86	84.278		
700.00	697.47	755.52	753.73	4.32	4.07	-14.73	-458.17	498.16	638.10	629.68	8.42	75.779		
800.00	795.62	868.22	864.79	4.64	4.40	-16.79	-439.07	497.16	608.19	599.13	9.06	67.123		
900.00	893.06	980.73	974.74	5.01	4.76	-19.65	-415.34	495.39	572.68	562.92	9.76	58.669		
1,000.00	989.64	1,081.23	1,072.19	5.41	5.12	-23.07	-390.92	492.42	532.24	521.78	10.46	50.898		
1,100.00	1,085.27	1,167.39	1,155.61	5.85	5.45	-26.74	-369.67	488.94	489.21	478.07	11.14	43.928		
1,200.00	1,179.82	1,259.80	1,245.09	6.33	5.82	-31.58	-347.05	484.40	444.60	432.71	11.89	37.392		
1,300.00	1,273.78	1,351.13	1,333.03	6.85	6.21	-37.11	-323.12	478.46	399.22	386.54	12.69	31.462		
1,400.00	1,367.75	1,430.29	1,408.66	7.38	6.57	-43.19	-300.35	473.20	356.57	343.03	13.54	26.335		
1,500.00	1,461.72	1,509.85	1,484.39	7.93	6.94	-50.65	-276.36	468.92	320.16	305.66	14.50	22.074		
1,600.00	1,555.69	1,588.00	1,558.57	8.49	7.30	-59.22	-252.17	464.58	291.58	276.02	15.57	18.732		
1,700.00	1,649.66	1,663.65	1,630.77	9.07	7.67	-68.21	-229.79	461.60	274.77	258.12	16.65	16.505		
1,788.13	1,732.48	1,736.64	1,700.80	9.58	8.01	-77.08	-209.30	459.53	270.36	252.79	17.57	15.387 CC		
1,800.00	1,743.63	1,747.00	1,710.77	9.65	8.06	-78.33	-206.48	459.21	270.44	252.75	17.69	15.287 ES		
1,900.00	1,837.60	1,835.33	1,795.98	10.24	8.48	-88.78	-183.48	455.87	276.68	258.04	18.65	14.837 SF		
2,000.00	1,931.57	1,918.31	1,876.22	10.83	8.87	-97.99	-162.65	452.06	292.79	273.36	19.44	15.065		
2,100.00	2,025.54	1,997.12	1,952.23	11.43	9.26	-106.00	-142.22	448.29	318.58	298.50	20.07	15.872		
2,200.00	2,119.51	2,075.79	2,027.80	12.03	9.64	-113.10	-120.66	444.53	352.81	332.16	20.64	17.091		
2,300.00	2,213.48	2,155.84	2,104.55	12.64	10.04	-119.29	-98.26	440.75	393.08	371.86	21.22	18.524		
2,400.00	2,307.45	2,233.82	2,179.39	13.25	10.43	-124.27	-76.51	437.88	437.57	415.78	21.79	20.082		
2,500.00	2,401.42	2,302.33	2,244.77	13.87	10.78	-127.99	-56.14	435.73	486.49	464.26	22.23	21.880		
2,600.00	2,495.39	2,395.87	2,333.95	14.48	11.26	-132.28	-28.16	432.42	537.61	514.51	23.09	23.279		
2,700.00	2,589.35	2,474.19	2,408.89	15.10	11.66	-135.27	-5.57	429.56	589.34	565.60	23.74	24.823		
2,800.00	2,683.32	2,568.81	2,499.59	15.72	12.14	-138.28	21.19	426.45	641.83	617.18	24.65	26.040		
2,900.00	2,777.29	2,646.99	2,574.81	16.34	12.54	-140.39	42.34	424.00	694.13	668.80	25.33	27.406		
3,000.00	2,871.26	2,721.64	2,646.45	16.97	12.92	-142.04	63.31	422.83	747.96	721.98	25.98	28.792		
3,100.00	2,965.23	2,793.85	2,715.54	17.59	13.29	-143.49	84.26	421.34	803.09	776.49	26.60	30.186		
3,200.00	3,059.20	2,861.73	2,780.19	18.22	13.64	-144.66	104.91	420.34	859.79	832.60	27.18	31.632		
3,300.00	3,153.17	2,943.30	2,857.71	18.84	14.07	-145.90	130.27	419.24	917.34	889.37	27.97	32.793		
3,400.00	3,247.14	3,034.35	2,944.40	19.47	14.55	-147.16	158.04	417.52	974.71	945.81	28.91	33.719		
3,500.00	3,341.11	3,152.73	3,058.03	20.10	15.16	-148.60	191.12	415.12	1,030.11	999.91	30.20	34.109		
3,600.00	3,435.08	3,216.78	3,119.65	20.73	15.49	-149.30	208.55	413.86	1,085.14	1,054.38	30.76	35.278		
3,700.00	3,529.05	3,283.62	3,183.66	21.36	15.84	-149.97	227.75	412.47	1,141.62	1,110.26	31.36	36.402		
3,800.00	3,623.02	3,394.04	3,289.33	21.99	16.41	-150.98	259.64	409.77	1,198.69	1,166.14	32.55	36.827		
3,900.00	3,716.99	3,489.88	3,381.88	22.62	16.90	-151.82	284.38	406.89	1,253.06	1,219.54	33.53	37.374		
4,000.00	3,810.95	3,554.40	3,444.12	23.25	17.23	-152.40	301.09	403.90	1,308.01	1,273.90	34.11	38.346		
4,100.00	3,904.92	3,616.44	3,503.66	23.88	17.55	-152.94	318.17	400.38	1,364.54	1,329.88	34.66	39.368		
4,200.00	3,998.89	3,713.95	3,597.25	24.52	18.06	-153.72	345.00	394.93	1,421.22	1,385.55	35.67	39.839		
4,300.00	4,092.86	3,807.42	3,687.29	25.15	18.54	-154.37	369.71	390.56	1,476.92	1,440.29	36.63	40.318		
4,400.00	4,186.83	3,869.06	3,746.56	25.78	18.86	-154.75	386.42	388.05	1,533.21	1,496.01	37.19	41.222		
4,500.00	4,280.80	3,914.38	3,789.94	26.42	19.11	-155.01	399.45	386.32	1,590.95	1,553.41	37.55	42.372		
4,600.00	4,374.77	3,953.80	3,827.35	27.05	19.32	-155.21	411.79	384.84	1,650.76	1,612.95	37.81	43.656		
4,700.00	4,468.74	3,996.04	3,867.09	27.68	19.55	-155.41	426.00	383.26	1,712.50	1,674.39	38.11	44.933		
4,800.00	4,562.71	4,042.72	3,910.72	28.32	19.82	-155.62	442.49	381.34	1,775.73	1,737.25	38.47	46.153		
4,900.00	4,656.68	4,106.70	3,970.16	28.95	20.18	-155.90	465.96	378.37	1,840.15	1,801.06	39.09	47.073		
5,000.00	4,750.65	4,211.13	4,067.45	29.59	20.78	-156.35	503.51	372.95	1,904.21	1,863.92	40.29	47.262		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,100.00	4,844.62	4,491.32	4,334.92	30.23	22.28	-157.53	585.17	359.17	1,960.85	1,917.19	43.66	44.913		
5,200.00	4,938.59	4,564.84	4,405.95	30.86	22.66	-157.81	603.87	356.01	2,016.22	1,971.84	44.39	45.425		
5,300.00	5,032.56	4,640.89	4,479.35	31.50	23.05	-158.08	623.50	352.93	2,071.89	2,026.75	45.14	45.894		
5,400.00	5,126.52	4,704.99	4,541.10	32.13	23.38	-158.27	640.60	350.90	2,128.12	2,082.35	45.77	46.498		
5,500.00	5,220.49	4,836.95	4,668.45	32.77	24.06	-158.64	674.93	347.11	2,183.75	2,136.57	47.18	46.289		
5,600.00	5,314.46	4,900.54	4,729.94	33.41	24.39	-158.83	690.95	344.91	2,238.87	2,191.07	47.80	46.842		
5,700.00	5,408.43	4,971.25	4,798.20	34.04	24.75	-159.02	709.26	342.37	2,294.61	2,246.11	48.50	47.312		
5,800.00	5,502.40	5,052.23	4,876.29	34.68	25.17	-159.24	730.44	339.17	2,350.68	2,301.36	49.32	47.660		
5,900.00	5,596.37	5,123.96	4,945.48	35.32	25.54	-159.43	749.12	336.16	2,406.77	2,356.73	50.04	48.098		
6,000.00	5,690.34	5,212.10	5,022.40	35.96	25.97	-160.78	854.32	325.41	2,461.69	2,406.28	55.41	44.428		
6,100.00	5,784.31	5,304.00	5,114.09	36.59	26.74	-161.06	861.41	325.78	2,499.32	2,442.87	56.45	44.275		
6,200.00	5,878.28	5,398.69	5,208.67	37.23	27.99	-161.22	865.05	325.25	2,537.21	2,480.07	57.14	44.405		
6,300.00	5,972.25	5,492.21	5,302.96	37.87	29.44	-161.52	872.02	323.47	2,575.88	2,517.75	58.13	44.311		
6,400.00	6,066.22	5,586.07	5,397.69	38.51	30.03	-161.88	878.38	322.84	2,612.32	2,552.97	59.35	44.018		
6,500.00	6,160.19	5,679.20	5,492.78	39.14	30.59	-162.24	881.57	322.32	2,647.12	2,586.60	60.52	43.738		
6,600.00	6,254.16	5,772.22	5,587.80	39.78	30.98	-162.50	882.02	321.75	2,680.41	2,618.97	61.45	43.623		
6,700.00	6,348.13	5,865.04	5,682.62	40.42	31.32	-162.72	882.29	321.59	2,713.54	2,651.25	62.29	43.561		
6,800.00	6,442.09	5,957.75	5,777.76	41.06	31.85	-163.00	895.34	313.51	2,719.51	2,648.39	71.12	38.240		
6,869.92	6,507.80	6,052.75	5,873.79	41.51	32.36	-147.83	895.44	314.50	2,722.57	2,650.54	72.03	37.799		
6,900.00	6,536.18	6,067.00	5,898.79	41.69	32.56	-154.48	895.67	315.56	2,724.47	2,651.89	72.58	37.538		
6,950.00	6,583.76	6,067.00	5,898.79	41.98	32.56	-168.00	895.67	315.56	2,728.27	2,655.18	73.09	37.329		
7,000.00	6,631.58	6,067.00	5,898.79	42.23	32.56	176.93	895.67	315.56	2,732.98	2,659.42	73.56	37.154		
7,050.00	6,679.34	6,067.00	5,898.79	42.44	32.56	162.13	895.67	315.56	2,738.57	2,664.58	74.00	37.009		
7,100.00	6,726.76	6,067.00	5,898.79	42.62	32.56	149.20	895.67	315.56	2,745.01	2,670.60	74.41	36.891		
7,150.00	6,773.53	6,067.00	5,898.79	42.78	32.56	138.32	895.38	313.04	2,752.13	2,677.65	74.48	36.949		
7,200.00	6,819.38	6,067.00	5,898.79	42.91	32.56	129.87	895.28	312.55	2,759.98	2,685.27	74.71	36.942		
7,250.00	6,864.01	6,067.00	5,898.79	43.03	32.56	123.11	895.17	311.81	2,768.43	2,693.55	74.89	36.968		
7,300.00	6,907.16	6,067.00	5,898.79	43.14	32.56	117.61	895.07	310.87	2,777.38	2,702.37	75.02	37.024		
7,350.00	6,948.56	6,067.00	5,898.79	43.24	32.56	113.03	895.00	309.80	2,786.72	2,711.61	75.11	37.103		
7,400.00	6,987.94	6,067.00	5,898.79	43.35	32.56	109.01	895.02	308.45	2,796.36	2,726.13	75.22	37.182		
7,450.00	7,025.08	6,067.00	5,898.79	43.46	32.56	105.43	895.05	307.03	2,806.02	2,731.18	75.35	37.261		
7,500.00	7,059.73	6,067.00	5,898.79	43.57	32.56	102.27	894.90	305.57	2,815.36	2,740.71	75.45	37.340		
7,550.00	7,091.70	6,067.00	5,898.79	43.70	32.56	99.72	894.91	304.11	2,824.54	2,749.82	75.52	37.419		
7,600.00	7,120.77	6,067.00	5,898.79	43.84	32.56	97.47	895.04	302.64	2,833.51	2,758.70	75.58	37.498		
7,650.00	7,146.77	6,067.00	5,898.79	44.00	32.56	95.20	895.57	301.17	2,842.17	2,767.20	75.63	37.577		
7,700.00	7,169.54	6,067.00	5,898.79	44.18	32.56	93.25	896.11	300.00	2,850.23	2,775.73	75.68	37.656		
7,750.00	7,188.94	6,067.00	5,898.79	44.38	32.56	91.56	896.11	300.00	2,857.08	2,782.59	75.73	37.735		
7,800.00	7,204.85	6,067.00	5,898.79	44.61	32.56	90.24	896.15	300.00	2,863.27	2,788.53	75.78	37.814		
7,850.00	7,217.17	6,067.00	5,898.79	44.88	32.56	89.22	896.34	300.00	2,868.95	2,793.79	75.83	37.893		
7,900.00	7,225.83	6,067.00	5,898.79	45.17	32.56	88.38	896.66	300.00	2,874.03	2,798.41	75.88	37.972		
7,950.00	7,230.77	6,067.00	5,898.79	45.50	32.56	87.66	897.46	300.00	2,878.56	2,798.83	75.93	38.051		
7,985.49	7,232.00	6,067.00	5,898.79	45.75	32.56	87.11	898.14	300.00	2,881.10	2,800.69	76.00	38.130		
8,000.00	7,232.12	6,067.00	5,898.79	45.86	32.56	87.20	898.15	300.00	2,882.24	2,805.73	76.05	38.209		
8,100.00	7,232.93	6,067.00	5,898.79	46.71	33.64	85.00	897.43	300.00	2,887.27	2,811.26	76.10	38.288		
8,200.00	7,233.74	6,067.00	5,898.79	47.73	33.54	84.44	896.23	300.00	2,893.45	2,816.09	77.36	37.402		
8,300.00	7,234.54	6,067.00	5,898.79	48.94	33.43	83.87	895.26	300.00	2,902.17	2,823.34	78.83	36.814		
8,400.00	7,235.35	6,067.00	5,898.79	50.32	33.28	83.07	893.81	300.00	2,913.26	2,832.98	80.28	36.288		
8,500.00	7,236.16	6,067.00	5,898.79	51.86	33.15	82.33	892.22	300.00	2,926.76	2,844.91	81.86	35.755		
8,600.00	7,236.97	6,067.00	5,898.79	53.54	33.02	81.58	890.31	300.00	2,942.77	2,859.28	83.49	35.249		
8,700.00	7,237.77	6,067.00	5,898.79	55.33	32.89	80.90	888.33	300.00	2,961.38	2,876.19	85.19	34.763		
8,800.00	7,238.58	6,067.00	5,898.79	57.24	32.89	80.90	888.33	300.00	2,982.91	2,895.64	87.27	34.182		
8,900.00	7,239.39	6,067.00	5,898.79	59.24	32.89	80.90	888.33	300.00	3,007.61	2,918.28	89.33	33.670		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,000.00	7,240.20	6,925.00	6,726.07	61.31	32.76	80.17	886.38	384.77	3,034.50	2,943.49	91.01	33.344		
9,100.00	7,241.01	6,913.36	6,715.40	63.46	32.72	79.96	885.91	380.13	3,064.67	2,971.76	92.91	32.985		
9,200.00	7,241.81	6,872.00	6,676.86	65.67	32.58	79.21	884.56	365.20	3,098.17	3,003.66	94.51	32.781		
9,300.00	7,242.62	6,872.00	6,676.86	67.93	32.58	79.21	884.56	365.20	3,133.58	3,037.16	96.42	32.498		
9,400.00	7,243.43	6,872.00	6,676.86	70.25	32.58	79.21	884.56	365.20	3,171.74	3,073.47	98.27	32.275		
9,500.00	7,244.24	6,872.00	6,676.86	72.60	32.58	79.21	884.56	365.20	3,212.57	3,112.52	100.05	32.108		
9,600.00	7,245.04	6,872.00	6,676.86	74.99	32.58	79.21	884.56	365.20	3,255.95	3,154.19	101.76	31.995		
9,700.00	7,245.85	6,872.00	6,676.86	77.42	32.58	79.21	884.56	365.20	3,301.80	3,198.40	103.40	31.932		
9,800.00	7,246.66	6,872.00	6,676.86	79.87	32.58	79.21	884.56	365.20	3,350.00	3,245.04	104.97	31.915		
9,900.00	7,247.47	6,872.00	6,676.86	82.36	32.58	79.21	884.56	365.20	3,400.46	3,294.01	106.46	31.942		
10,000.00	7,248.28	6,872.00	6,676.86	84.87	32.58	79.21	884.56	365.20	3,453.08	3,345.21	107.87	32.011		
10,100.00	7,249.08	6,833.44	6,640.17	87.40	32.45	78.50	883.79	353.38	3,506.76	3,397.79	108.97	32.180		
10,200.00	7,249.89	6,827.81	6,634.77	89.95	32.43	78.39	883.72	351.82	3,563.09	3,452.86	110.22	32.327		
10,300.00	7,250.70	6,822.49	6,629.64	92.52	32.41	78.30	883.67	350.38	3,621.25	3,509.85	111.40	32.505		
10,400.00	7,251.51	6,817.44	6,624.77	95.11	32.39	78.20	883.62	349.05	3,681.18	3,568.65	112.53	32.714		
10,500.00	7,252.31	6,777.00	6,585.45	97.71	32.25	77.45	883.59	339.62	3,743.68	3,630.32	113.36	33.024		
10,600.00	7,253.12	6,777.00	6,585.45	100.33	32.25	77.45	883.59	339.62	3,806.68	3,692.28	114.40	33.276		
10,700.00	7,253.93	6,777.00	6,585.45	102.96	32.25	77.45	883.59	339.62	3,871.24	3,755.86	115.37	33.554		
10,800.00	7,254.74	6,777.00	6,585.45	105.61	32.25	77.45	883.59	339.62	3,937.28	3,820.98	116.29	33.856		
10,900.00	7,255.55	6,777.00	6,585.45	108.26	32.25	77.45	883.59	339.62	4,004.72	3,887.56	117.16	34.181		
11,000.00	7,256.35	6,777.00	6,585.45	110.92	32.25	77.45	883.59	339.62	4,073.51	3,955.53	117.98	34.528		
11,100.00	7,257.16	6,777.00	6,585.45	113.60	32.25	77.45	883.59	339.62	4,143.57	4,024.82	118.75	34.894		
11,200.00	7,257.97	6,777.00	6,585.45	116.28	32.25	77.45	883.59	339.62	4,214.83	4,095.36	119.47	35.280		
11,300.00	7,258.78	6,777.00	6,585.45	118.97	32.25	77.45	883.59	339.62	4,287.25	4,167.10	120.15	35.683		
11,400.00	7,259.58	6,777.00	6,585.45	121.67	32.25	77.45	883.59	339.62	4,360.75	4,239.96	120.79	36.102		
11,500.00	7,260.39	6,777.00	6,585.45	124.38	32.25	77.45	883.59	339.62	4,435.29	4,313.90	121.39	36.537		
11,600.00	7,261.20	6,777.00	6,585.45	127.09	32.25	77.45	883.59	339.62	4,510.82	4,388.86	121.96	36.987		
11,700.00	7,262.01	6,777.00	6,585.45	129.81	32.25	77.45	883.59	339.62	4,587.28	4,464.79	122.49	37.450		
11,800.00	7,262.82	6,777.00	6,585.45	132.53	32.25	77.45	883.59	339.62	4,664.64	4,541.64	122.99	37.926		
11,900.00	7,263.62	6,777.00	6,585.45	135.26	32.25	77.45	883.59	339.62	4,742.84	4,619.37	123.46	38.415		
12,000.00	7,264.43	6,777.00	6,585.45	138.00	32.25	77.45	883.59	339.62	4,821.84	4,697.94	123.91	38.915		
12,100.00	7,265.24	6,777.00	6,585.45	140.74	32.25	77.45	883.59	339.62	4,901.62	4,777.29	124.33	39.425		
12,200.00	7,266.05	6,777.00	6,585.45	143.49	32.25	77.45	883.59	339.62	4,982.12	4,857.40	124.72	39.946		
12,300.00	7,266.86	6,777.00	6,585.45	146.24	32.25	77.45	883.59	339.62	5,063.32	4,938.23	125.09	40.477		
12,400.00	7,267.66	6,777.00	6,585.45	148.99	32.25	77.45	883.59	339.62	5,145.18	5,019.74	125.44	41.016		
12,500.00	7,268.47	6,777.00	6,585.45	151.75	32.25	77.45	883.59	339.62	5,227.67	5,101.90	125.77	41.565		
12,600.00	7,269.28	6,777.00	6,585.45	154.51	32.25	77.45	883.59	339.62	5,310.76	5,184.68	126.08	42.121		
12,700.00	7,270.09	6,777.00	6,585.45	157.27	32.25	77.45	883.59	339.62	5,394.43	5,268.05	126.38	42.685		
12,800.00	7,270.89	6,777.00	6,585.45	160.04	32.25	77.45	883.59	339.62	5,478.64	5,351.99	126.66	43.256		
12,900.00	7,271.70	6,737.29	6,546.38	162.81	32.11	76.71	883.71	332.53	5,562.35	5,435.57	126.78	43.873		
13,000.00	7,272.51	6,735.35	6,544.47	165.58	32.11	76.67	883.71	332.24	5,647.48	5,520.45	127.03	44.458		
13,100.00	7,273.32	6,733.49	6,542.63	168.36	32.10	76.63	883.71	331.97	5,733.09	5,605.83	127.26	45.051		
13,200.00	7,274.13	6,731.69	6,540.85	171.14	32.09	76.60	883.71	331.71	5,819.15	5,691.67	127.48	45.648		
13,300.00	7,274.93	6,729.96	6,539.14	173.92	32.09	76.57	883.71	331.46	5,905.64	5,777.96	127.68	46.252		
13,400.00	7,275.74	6,728.29	6,537.49	176.71	32.08	76.54	883.71	331.23	5,992.55	5,864.67	127.88	46.860		
13,500.00	7,276.55	6,726.68	6,535.89	179.49	32.07	76.51	883.71	331.01	6,079.86	5,951.80	128.07	47.474		
13,555.88	7,277.00	6,725.81	6,535.02	181.05	32.07	76.49	883.71	330.89	6,128.82	6,000.66	128.17	47.819		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	141.55	-637.89	506.43	814.56					
100.00	100.00	89.71	89.71	3.28	3.29	141.57	-638.02	506.21	814.44	807.87	6.57	123.952		
200.00	200.00	190.73	190.72	3.34	3.31	141.63	-638.45	505.45	814.30	807.65	6.65	122.432		
300.00	299.98	282.90	282.89	3.44	3.40	-4.25	-638.96	504.57	812.44	805.61	6.84	118.846		
400.00	399.84	356.03	355.98	3.59	3.49	-4.19	-641.14	504.67	809.65	802.55	7.10	114.114		
500.00	499.45	438.51	438.30	3.79	3.63	-4.02	-646.26	505.02	806.08	798.64	7.45	108.254		
600.00	598.70	515.94	515.40	4.04	3.79	-3.79	-653.36	505.45	801.50	793.63	7.87	101.862		
700.00	697.47	598.85	597.74	4.32	3.99	-3.51	-662.99	506.81	796.03	787.67	8.36	95.212		
800.00	795.62	681.61	679.68	4.64	4.22	-3.16	-674.53	508.23	789.06	780.15	8.91	88.553		
900.00	893.06	761.80	758.67	5.01	4.47	-2.69	-688.22	509.32	780.98	771.47	9.51	82.142		
1,000.00	989.64	842.93	838.02	5.41	4.74	-2.04	-705.11	509.66	772.02	761.87	10.15	76.036		
1,100.00	1,085.27	929.44	922.03	5.85	5.07	-1.15	-725.73	508.92	761.57	750.72	10.85	70.203		
1,200.00	1,179.82	1,013.66	1,003.06	6.33	5.41	-0.05	-748.53	506.66	749.66	738.08	11.58	64.732		
1,300.00	1,273.78	1,104.31	1,089.77	6.85	5.80	1.30	-774.81	503.67	737.77	725.41	12.36	59.668		
1,400.00	1,367.75	1,198.76	1,179.88	7.38	6.23	2.78	-802.95	500.46	727.03	713.84	13.19	55.130		
1,500.00	1,461.72	1,296.36	1,272.95	7.93	6.69	4.34	-832.15	497.29	717.03	702.99	14.05	51.046		
1,600.00	1,555.69	1,387.12	1,359.36	8.49	7.13	5.84	-859.75	494.40	708.06	693.16	14.90	47.521		
1,700.00	1,649.66	1,490.48	1,457.38	9.07	7.65	7.78	-892.10	489.11	699.73	683.90	15.83	44.211		
1,800.00	1,743.63	1,589.64	1,551.22	9.65	8.17	9.83	-923.37	482.05	691.65	674.90	16.76	41.278		
1,900.00	1,837.60	1,690.52	1,646.91	10.24	8.69	11.93	-954.54	475.09	683.95	666.24	17.71	38.627		
2,000.00	1,931.57	1,785.37	1,737.04	10.83	9.19	13.88	-983.47	469.09	676.94	658.30	18.64	36.319		
2,100.00	2,025.54	1,900.44	1,847.03	11.43	9.80	16.17	-1,016.66	462.85	669.42	649.74	19.68	34.018		
2,200.00	2,119.51	2,002.85	1,945.46	12.03	10.33	18.18	-1,044.47	457.76	661.20	640.54	20.66	32.001		
2,300.00	2,213.48	2,107.20	2,046.10	12.64	10.87	20.19	-1,071.70	453.37	652.90	631.24	21.66	30.139		
2,400.00	2,307.45	2,207.62	2,143.18	13.25	11.39	22.19	-1,096.94	448.71	644.29	621.63	22.66	28.439		
2,500.00	2,401.42	2,296.17	2,228.73	13.87	11.85	23.98	-1,119.45	444.88	636.83	613.23	23.60	26.980		
2,600.00	2,495.39	2,395.02	2,323.91	14.48	12.37	25.97	-1,145.91	441.24	631.58	606.96	24.62	25.658		
2,700.00	2,589.35	2,495.86	2,421.42	15.10	12.89	27.99	-1,171.39	437.92	625.61	599.96	25.65	24.392		
2,800.00	2,683.32	2,587.51	2,509.92	15.72	13.38	29.81	-1,195.09	435.37	621.04	594.40	26.64	23.310		
2,900.00	2,777.29	2,675.90	2,595.04	16.34	13.85	31.51	-1,218.85	433.78	618.29	590.67	27.63	22.381		
3,000.00	2,871.26	2,774.15	2,689.28	16.97	14.38	33.50	-1,246.51	431.13	617.55	588.86	28.69	21.526		
3,086.26	2,952.32	2,857.06	2,768.98	17.50	14.83	35.23	-1,269.16	428.40	616.83	587.22	29.60	20.835		
3,100.00	2,965.23	2,868.93	2,780.37	17.59	14.89	35.48	-1,272.47	427.93	616.85	587.11	29.74	20.740		
3,200.00	3,059.20	2,958.64	2,866.22	18.22	15.38	37.44	-1,298.20	423.90	618.37	587.60	30.77	20.095		
3,300.00	3,153.17	3,064.42	2,967.37	18.84	15.96	39.71	-1,328.80	419.27	621.05	589.11	31.95	19.441		
3,400.00	3,247.14	3,161.09	3,060.25	19.47	16.49	41.78	-1,355.32	415.23	623.05	589.99	33.06	18.848		
3,500.00	3,341.11	3,254.86	3,150.09	20.10	17.01	43.77	-1,381.85	411.13	626.79	592.63	34.16	18.351		
3,600.00	3,435.08	3,371.54	3,262.19	20.73	17.64	46.20	-1,413.84	406.53	630.49	595.03	35.46	17.781		
3,700.00	3,529.05	3,455.38	3,342.99	21.36	18.09	47.90	-1,436.05	403.68	633.90	597.40	36.50	17.369		
3,800.00	3,623.02	3,565.14	3,448.58	21.99	18.69	50.11	-1,465.73	399.57	638.76	600.99	37.77	16.913		
3,900.00	3,716.99	3,660.08	3,540.14	22.62	19.20	51.92	-1,490.73	397.17	643.26	604.35	38.91	16.530		
4,000.00	3,810.95	3,750.83	3,627.44	23.25	19.69	53.58	-1,515.41	395.21	649.15	609.12	40.03	16.217		
4,100.00	3,904.92	3,838.40	3,711.36	23.88	20.18	55.12	-1,540.35	393.18	656.93	615.82	41.11	15.979		
4,200.00	3,998.89	3,932.23	3,800.93	24.52	20.70	56.69	-1,568.22	391.14	666.39	624.13	42.26	15.768		
4,300.00	4,092.86	4,029.16	3,893.34	25.15	21.25	58.23	-1,597.42	389.21	676.69	633.24	43.45	15.573		
4,400.00	4,186.83	4,122.66	3,982.36	25.78	21.78	59.65	-1,625.97	387.46	687.81	643.21	44.61	15.420		
4,500.00	4,280.80	4,217.69	4,072.67	26.42	22.32	61.04	-1,655.49	385.59	699.90	654.12	45.78	15.288		
4,600.00	4,374.77	4,322.99	4,172.89	27.05	22.92	62.56	-1,687.70	383.28	712.12	665.04	47.08	15.124		
4,700.00	4,468.74	4,424.97	4,270.29	27.68	23.50	64.02	-1,717.85	381.22	723.78	675.43	48.35	14.970		
4,800.00	4,562.71	4,511.55	4,353.03	28.32	23.98	65.32	-1,743.15	378.00	736.49	687.06	49.43	14.899		
4,900.00	4,656.68	4,611.81	4,448.89	28.95	24.54	66.90	-1,772.03	372.77	750.20	699.51	50.69	14.799		
5,000.00	4,750.65	4,716.26	4,549.03	29.59	25.12	68.53	-1,801.16	367.14	763.81	711.80	52.01	14.686		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,100.00	4,844.62	4,836.36	4,664.87	30.23	25.77	70.40	-1,832.37	361.47	776.03	722.54	53.49	14.509		
5,200.00	4,938.59	4,914.54	4,740.28	30.86	26.19	71.62	-1,852.52	357.21	788.96	734.47	54.49	14.478		
5,300.00	5,032.56	5,020.33	4,842.44	31.50	26.76	73.28	-1,879.22	350.73	802.59	746.77	55.81	14.380		
5,400.00	5,126.52	5,115.20	4,934.08	32.13	27.27	74.70	-1,903.20	345.41	816.46	759.46	57.00	14.323		
5,500.00	5,220.49	5,214.73	5,030.23	32.77	27.81	76.13	-1,928.31	339.90	830.77	772.52	58.24	14.263		
5,600.00	5,314.46	5,327.05	5,138.82	33.41	28.41	77.63	-1,956.60	335.11	844.67	785.05	59.62	14.167		
5,700.00	5,408.43	5,464.30	5,272.59	34.04	29.11	79.50	-1,987.03	331.31	855.91	794.72	61.19	13.988		
5,800.00	5,502.40	5,588.41	5,394.75	34.68	29.72	81.34	-2,008.86	329.62	863.46	800.91	62.56	13.803		
5,900.00	5,596.37	5,704.95	5,509.94	35.32	30.25	83.12	-2,026.48	329.54	869.07	805.24	63.83	13.615		
6,000.00	5,690.34	5,816.13	5,620.29	35.96	30.74	84.96	-2,039.97	329.49	873.46	808.40	65.06	13.426		
6,100.00	5,784.31	5,916.60	5,720.36	36.59	31.17	86.81	-2,048.83	328.36	877.48	811.25	66.24	13.248		
6,200.00	5,878.28	6,017.78	5,821.27	37.23	31.58	88.77	-2,056.05	326.38	882.17	814.77	67.40	13.088		
6,300.00	5,972.25	6,119.56	5,922.84	37.87	32.00	90.78	-2,062.18	324.63	887.08	818.52	68.55	12.940		
6,400.00	6,066.22	6,235.18	6,038.33	38.51	32.45	93.10	-2,067.34	323.42	891.74	822.03	69.71	12.792		
6,500.00	6,160.19	6,336.49	6,139.63	39.14	32.83	95.22	-2,069.29	323.00	895.78	824.97	70.81	12.650		
6,600.00	6,254.16	6,422.27	6,225.40	39.78	33.15	97.05	-2,070.45	322.09	901.32	829.46	71.85	12.544		
6,700.00	6,348.13	7,929.87	7,096.51	40.42	38.85	81.23	-2,074.42	1,152.76	845.96	821.27	24.68	34.273		
6,800.00	6,442.09	7,947.80	7,096.25	41.06	39.13	77.74	-2,074.84	1,170.68	749.25	723.03	26.21	28.582		
6,869.92	6,507.80	7,960.39	7,096.08	41.51	39.33	75.02	-2,075.14	1,183.27	681.90	654.38	27.52	24.783		
6,900.00	6,536.18	7,965.14	7,096.01	41.69	39.41	59.34	-2,075.26	1,188.01	652.89	624.75	28.14	23.200		
6,950.00	6,583.76	7,970.01	7,095.94	41.98	39.48	28.44	-2,075.38	1,192.88	604.40	575.15	29.25	20.661		
7,000.00	6,631.58	7,971.05	7,095.93	42.23	39.50	-4.57	-2,075.40	1,193.92	555.87	525.39	30.48	18.236		
7,050.00	6,679.34	7,968.26	7,095.96	42.44	39.46	-33.97	-2,075.33	1,191.13	507.64	475.77	31.87	15.927		
7,100.00	6,726.76	7,961.63	7,096.06	42.62	39.35	-56.87	-2,075.17	1,184.51	460.10	426.61	33.49	13.739		
7,150.00	6,773.53	7,951.19	7,096.21	42.78	39.18	-73.44	-2,074.92	1,174.07	413.61	378.21	35.41	11.681		
7,200.00	6,819.38	7,936.98	7,096.41	42.91	38.96	-84.94	-2,074.59	1,159.87	368.62	330.89	37.73	9.770		
7,250.00	6,864.01	7,919.24	7,096.67	43.03	38.68	-92.61	-2,074.19	1,142.13	325.56	284.99	40.57	8.024		
7,300.00	6,907.16	7,899.40	7,096.97	43.14	38.39	-97.57	-2,073.85	1,122.30	285.03	240.98	44.05	6.470		
7,350.00	6,948.56	7,876.13	7,097.32	43.24	38.06	-100.03	-2,073.70	1,099.03	247.75	199.37	48.37	5.122		
7,400.00	6,987.94	7,849.54	7,097.75	43.35	37.68	-100.29	-2,073.82	1,072.44	214.53	160.91	53.63	4.000		
7,450.00	7,025.08	7,819.01	7,098.26	43.46	37.25	-98.33	-2,074.36	1,041.92	186.37	126.61	59.76	3.119		
7,500.00	7,059.73	7,782.76	7,098.74	43.57	36.79	-93.77	-2,075.01	1,005.68	163.86	97.52	66.34	2.470		
7,550.00	7,091.70	7,744.22	7,099.03	43.70	36.31	-87.43	-2,075.49	967.14	147.59	75.46	72.14	2.046		
7,600.00	7,120.77	7,703.98	7,099.13	43.84	36.01	-79.76	-2,075.78	926.91	137.95	62.09	75.86	1.819		
7,650.00	7,146.77	7,661.89	7,099.10	44.00	35.98	-71.35	-2,076.00	884.81	134.57	57.85	76.72	1.754 ES, SF		
7,656.99	7,150.15	7,655.85	7,099.09	44.02	35.98	-70.17	-2,076.02	878.78	134.52	57.90	76.62	1.756 CC		
7,700.00	7,169.54	7,618.45	7,098.84	44.18	35.98	-63.09	-2,076.13	841.38	136.08	60.99	75.09	1.812		
7,750.00	7,188.94	7,574.74	7,097.65	44.38	35.98	-55.57	-2,076.13	797.68	141.08	69.10	71.98	1.960		
7,800.00	7,204.85	7,530.34	7,095.29	44.61	35.98	-49.03	-2,075.96	753.35	148.19	79.81	68.38	2.167		
7,850.00	7,217.17	7,485.49	7,091.32	44.88	35.97	-43.39	-2,075.09	708.68	156.20	91.33	64.87	2.408		
7,900.00	7,225.83	7,440.78	7,085.60	45.17	35.97	-38.59	-2,073.31	664.38	164.37	102.68	61.69	2.665		
7,950.00	7,230.77	7,401.35	7,078.93	45.50	35.96	-34.88	-2,071.06	625.59	172.49	113.06	59.43	2.902		
7,985.49	7,232.00	7,379.86	7,073.55	45.75	35.94	-32.86	-2,069.97	604.82	179.63	120.70	58.93	3.048		
8,000.00	7,232.12	7,371.28	7,070.96	45.86	35.93	-32.26	-2,069.60	596.65	183.07	124.19	58.88	3.109		
8,100.00	7,232.93	7,320.00	7,050.34	46.71	35.89	-28.47	-2,068.20	549.80	218.31	158.04	60.27	3.622		
8,200.00	7,233.74	7,272.46	7,023.83	47.73	35.81	-24.90	-2,067.81	510.41	270.55	208.01	62.54	4.326		
8,300.00	7,234.54	7,224.00	6,990.30	48.94	35.73	-21.56	-2,067.93	475.52	336.01	271.78	64.23	5.232		
8,400.00	7,235.35	7,202.73	6,974.00	50.32	35.67	-20.24	-2,068.06	461.85	408.99	341.35	67.65	6.046		
8,500.00	7,236.16	7,170.00	6,947.91	51.86	35.59	-18.41	-2,068.11	442.10	487.51	418.35	69.17	7.048		
8,600.00	7,236.97	7,139.82	6,922.89	53.54	35.51	-16.94	-2,068.24	425.22	569.62	499.26	70.36	8.095		
8,700.00	7,237.77	7,113.88	6,900.77	55.33	35.44	-15.87	-2,068.62	411.69	654.44	583.05	71.39	9.167		
8,800.00	7,238.58	7,074.00	6,865.74	57.24	35.34	-14.49	-2,069.67	392.66	741.85	670.16	71.70	10.347		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,900.00	7,239.39	7,074.00	6,865.74	59.24	35.34	-14.49	-2,069.67	392.66	830.14	757.09	73.05	11.364		
9,000.00	7,240.20	7,074.00	6,865.74	61.31	35.34	-14.49	-2,069.67	392.66	920.82	846.81	74.01	12.441		
9,100.00	7,241.01	7,036.48	6,831.77	63.46	35.23	-13.41	-2,070.82	376.79	1,011.50	937.44	74.06	13.657		
9,200.00	7,241.81	7,021.91	6,818.34	65.67	35.18	-13.02	-2,071.21	371.16	1,103.74	1,029.25	74.49	14.818		
9,300.00	7,242.62	7,008.81	6,806.15	67.93	35.15	-12.68	-2,071.52	366.35	1,196.79	1,121.94	74.85	15.989		
9,400.00	7,243.43	6,979.00	6,778.09	70.25	35.06	-11.97	-2,072.13	356.33	1,290.92	1,215.97	74.94	17.225		
9,500.00	7,244.24	6,979.00	6,778.09	72.60	35.06	-11.97	-2,072.13	356.33	1,384.96	1,309.61	75.36	18.379		
9,600.00	7,245.04	6,979.00	6,778.09	74.99	35.06	-11.97	-2,072.13	356.33	1,479.79	1,404.10	75.69	19.551		
9,700.00	7,245.85	6,979.00	6,778.09	77.42	35.06	-11.97	-2,072.13	356.33	1,575.25	1,499.29	75.96	20.738		
9,800.00	7,246.66	6,979.00	6,778.09	79.87	35.06	-11.97	-2,072.13	356.33	1,671.25	1,595.07	76.19	21.937		
9,900.00	7,247.47	6,979.00	6,778.09	82.36	35.06	-11.97	-2,072.13	356.33	1,767.69	1,691.32	76.37	23.145		
10,000.00	7,248.28	6,945.14	6,745.69	84.87	34.95	-11.22	-2,072.67	346.52	1,863.32	1,786.96	76.36	24.403		
10,100.00	7,249.08	6,938.75	6,739.52	87.40	34.93	-11.09	-2,072.76	344.86	1,959.98	1,883.50	76.48	25.626		
10,200.00	7,249.89	6,932.82	6,733.78	89.95	34.91	-10.97	-2,072.84	343.37	2,056.89	1,980.29	76.60	26.852		
10,300.00	7,250.70	6,927.30	6,728.43	92.52	34.89	-10.86	-2,072.91	342.04	2,154.02	2,077.32	76.71	28.082		
10,400.00	7,251.51	6,922.16	6,723.43	95.11	34.88	-10.76	-2,072.97	340.83	2,251.35	2,174.55	76.80	29.314		
10,500.00	7,252.31	6,886.00	6,688.03	97.71	34.76	-10.09	-2,073.32	333.50	2,349.82	2,273.03	76.79	30.603		
10,600.00	7,253.12	6,886.00	6,688.03	100.33	34.76	-10.09	-2,073.32	333.50	2,447.22	2,370.33	76.89	31.827		
10,700.00	7,253.93	6,886.00	6,688.03	102.96	34.76	-10.09	-2,073.32	333.50	2,544.82	2,467.83	76.99	33.055		
10,800.00	7,254.74	6,886.00	6,688.03	105.61	34.76	-10.09	-2,073.32	333.50	2,642.60	2,565.53	77.07	34.286		
10,900.00	7,255.55	6,886.00	6,688.03	108.26	34.76	-10.09	-2,073.32	333.50	2,740.54	2,663.39	77.15	35.520		
11,000.00	7,256.35	6,886.00	6,688.03	110.92	34.76	-10.09	-2,073.32	333.50	2,838.63	2,761.40	77.23	36.756		
11,100.00	7,257.16	6,886.00	6,688.03	113.60	34.76	-10.09	-2,073.32	333.50	2,936.84	2,859.55	77.30	37.994		
11,200.00	7,257.97	6,886.00	6,688.03	116.28	34.76	-10.09	-2,073.32	333.50	3,035.17	2,957.81	77.36	39.233		
11,300.00	7,258.78	6,886.00	6,688.03	118.97	34.76	-10.09	-2,073.32	333.50	3,133.61	3,056.19	77.42	40.474		
11,400.00	7,259.58	6,886.00	6,688.03	121.67	34.76	-10.09	-2,073.32	333.50	3,232.14	3,154.66	77.48	41.715		
11,500.00	7,260.39	6,886.00	6,688.03	124.38	34.76	-10.09	-2,073.32	333.50	3,330.76	3,253.23	77.54	42.957		
11,600.00	7,261.20	6,886.00	6,688.03	127.09	34.76	-10.09	-2,073.32	333.50	3,429.46	3,351.87	77.59	44.200		
11,700.00	7,262.01	6,886.00	6,688.03	129.81	34.76	-10.09	-2,073.32	333.50	3,528.23	3,450.59	77.64	45.443		
11,800.00	7,262.82	6,886.00	6,688.03	132.53	34.76	-10.09	-2,073.32	333.50	3,627.07	3,549.38	77.69	46.686		
11,900.00	7,263.62	6,886.00	6,688.03	135.26	34.76	-10.09	-2,073.32	333.50	3,725.98	3,648.24	77.74	47.928		
12,000.00	7,264.43	6,886.00	6,688.03	138.00	34.76	-10.09	-2,073.32	333.50	3,824.94	3,747.15	77.79	49.171		
12,100.00	7,265.24	6,886.00	6,688.03	140.74	34.76	-10.09	-2,073.32	333.50	3,923.95	3,846.11	77.84	50.413		
12,200.00	7,266.05	6,886.00	6,688.03	143.49	34.76	-10.09	-2,073.32	333.50	4,023.01	3,945.13	77.88	51.655		
12,300.00	7,266.86	6,851.18	6,653.66	146.24	34.64	-9.48	-2,073.32	327.91	4,121.45	4,043.55	77.90	52.904		
12,400.00	7,267.66	6,848.17	6,650.68	148.99	34.63	-9.43	-2,073.29	327.47	4,220.49	4,142.54	77.95	54.144		
12,500.00	7,268.47	6,845.27	6,647.81	151.75	34.62	-9.38	-2,073.26	327.06	4,319.56	4,241.56	78.00	55.382		
12,600.00	7,269.28	6,842.47	6,645.04	154.51	34.61	-9.33	-2,073.23	326.67	4,418.66	4,340.61	78.04	56.619		
12,700.00	7,270.09	6,839.77	6,642.37	157.27	34.60	-9.29	-2,073.20	326.30	4,517.79	4,439.70	78.09	57.855		
12,800.00	7,270.89	6,837.17	6,639.79	160.04	34.59	-9.24	-2,073.16	325.94	4,616.95	4,538.82	78.13	59.089		
12,900.00	7,271.70	6,834.66	6,637.30	162.81	34.59	-9.20	-2,073.13	325.61	4,716.15	4,637.96	78.18	60.323		
13,000.00	7,272.51	6,832.22	6,634.89	165.58	34.58	-9.16	-2,073.09	325.29	4,815.36	4,737.14	78.23	61.555		
13,100.00	7,273.32	6,829.87	6,632.56	168.36	34.57	-9.12	-2,073.05	324.99	4,914.61	4,836.33	78.28	62.785		
13,200.00	7,274.13	6,792.00	6,594.94	171.14	34.44	-8.49	-2,072.09	320.75	5,014.54	4,936.23	78.31	64.034		
13,300.00	7,274.93	6,792.00	6,594.94	173.92	34.44	-8.49	-2,072.09	320.75	5,113.75	5,035.39	78.36	65.259		
13,400.00	7,275.74	6,792.00	6,594.94	176.71	34.44	-8.49	-2,072.09	320.75	5,213.00	5,134.58	78.41	66.483		
13,500.00	7,276.55	6,792.00	6,594.94	179.49	34.44	-8.49	-2,072.09	320.75	5,312.26	5,233.80	78.46	67.705		
13,555.88	7,277.00	6,792.00	6,594.94	181.05	34.44	-8.49	-2,072.09	320.75	5,367.75	5,289.26	78.49	68.388		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	140.64	-617.86	506.71	799.14					
100.00	100.00	87.54	87.54	3.28	3.29	140.68	-618.24	506.37	799.15	792.58	6.57	121.625		
200.00	200.00	185.88	185.86	3.34	3.31	140.81	-619.58	505.18	799.43	792.79	6.64	120.335		
300.00	299.98	284.14	284.07	3.44	3.34	-4.93	-621.88	503.13	798.20	791.42	6.78	117.700		
400.00	399.84	382.24	382.08	3.59	3.39	-4.66	-625.13	500.23	793.71	786.73	6.98	113.664		
500.00	499.45	473.88	473.54	3.79	3.48	-4.33	-629.29	496.69	786.18	778.91	7.27	108.151		
600.00	598.70	560.79	560.06	4.04	3.63	-3.81	-636.13	492.00	776.86	769.20	7.66	101.362		
700.00	697.47	650.59	649.16	4.32	3.82	-3.10	-645.42	485.86	765.30	757.16	8.14	94.006		
800.00	795.62	734.26	731.98	4.64	4.04	-2.35	-655.84	480.10	752.08	743.41	8.67	86.702		
900.00	893.06	816.10	812.67	5.01	4.28	-1.48	-668.19	474.34	737.64	728.38	9.26	79.647		
1,000.00	989.64	893.94	889.10	5.41	4.53	-0.55	-682.03	469.23	722.45	712.56	9.89	73.054		
1,100.00	1,085.27	970.98	964.46	5.85	4.80	0.42	-697.50	465.32	706.84	696.29	10.55	66.970		
1,200.00	1,179.82	1,053.01	1,044.43	6.33	5.11	1.46	-715.61	462.69	690.73	679.46	11.27	61.282		
1,300.00	1,273.78	1,140.68	1,129.58	6.85	5.46	2.65	-736.38	460.51	674.99	662.97	12.02	56.153		
1,400.00	1,367.75	1,235.51	1,221.44	7.38	5.85	4.01	-759.79	458.35	660.61	647.79	12.83	51.508		
1,500.00	1,461.72	1,330.95	1,313.66	7.93	6.27	5.58	-784.12	454.77	646.71	633.05	13.66	47.341		
1,600.00	1,555.69	1,420.67	1,399.99	8.49	6.69	7.23	-808.19	450.58	634.17	619.67	14.50	43.736		
1,700.00	1,649.66	1,511.41	1,486.79	9.07	7.12	9.08	-834.14	445.56	623.58	608.22	15.36	40.589		
1,800.00	1,743.63	1,606.76	1,577.78	9.65	7.60	11.15	-862.08	439.81	614.29	598.03	16.26	37.771		
1,900.00	1,837.60	1,706.58	1,673.15	10.24	8.10	13.30	-891.08	434.65	605.92	588.73	17.20	35.234		
2,000.00	1,931.57	1,811.99	1,774.35	10.83	8.63	15.49	-920.23	430.15	597.32	579.15	18.17	32.875		
2,100.00	2,025.54	1,916.27	1,874.97	11.43	9.16	17.59	-947.40	426.71	588.19	569.05	19.14	30.726		
2,200.00	2,119.51	2,022.60	1,978.05	12.03	9.68	19.61	-973.40	424.73	578.56	558.43	20.13	28.742		
2,300.00	2,213.48	2,138.43	2,090.99	12.64	10.25	21.83	-998.99	422.66	567.29	546.13	21.15	26.817		
2,400.00	2,307.45	2,243.79	2,194.26	13.25	10.75	23.92	-1,019.70	420.41	554.17	532.03	22.14	25.031		
2,500.00	2,401.42	2,338.04	2,286.71	13.87	11.20	25.89	-1,037.89	418.30	541.38	518.28	23.10	23.432		
2,600.00	2,495.39	2,431.20	2,377.95	14.48	11.65	27.93	-1,056.64	416.15	530.12	506.04	24.08	22.013		
2,700.00	2,589.35	2,528.08	2,472.77	15.10	12.12	30.21	-1,076.30	413.26	519.79	494.70	25.09	20.715		
2,800.00	2,683.32	2,620.04	2,562.56	15.72	12.58	32.53	-1,095.81	409.78	511.25	485.15	26.10	19.586		
2,900.00	2,777.29	2,720.77	2,660.95	16.34	13.08	35.18	-1,117.04	405.77	503.60	476.43	27.17	18.533		
3,000.00	2,871.26	2,814.20	2,752.26	16.97	13.54	37.71	-1,136.48	401.97	496.78	468.55	28.23	17.598		
3,100.00	2,965.23	2,898.49	2,834.25	17.59	13.97	39.96	-1,155.78	399.05	493.05	463.81	29.24	16.862		
3,200.00	3,059.20	2,990.30	2,923.10	18.22	14.45	42.32	-1,178.77	396.61	492.39	462.08	30.31	16.246		
3,234.38	3,091.50	3,031.24	2,962.77	18.43	14.66	43.37	-1,188.84	395.56	492.23	461.48	30.75	16.008		
3,300.00	3,153.17	3,106.70	3,036.25	18.84	15.04	45.38	-1,205.83	393.34	490.96	459.40	31.57	15.552		
3,400.00	3,247.14	3,207.67	3,135.02	19.47	15.54	48.14	-1,226.61	390.50	488.03	455.30	32.73	14.909		
3,500.00	3,341.11	3,311.37	3,236.39	20.10	16.06	50.96	-1,248.28	387.77	486.53	452.60	33.93	14.340		
3,600.00	3,435.08	3,412.75	3,336.00	20.73	16.55	53.71	-1,267.05	386.15	483.46	448.34	35.12	13.766		
3,700.00	3,529.05	3,507.18	3,428.69	21.36	17.01	56.42	-1,284.88	383.40	482.38	446.08	36.29	13.290		
3,738.70	3,565.41	3,545.04	3,465.84	21.60	17.20	57.47	-1,292.15	382.55	482.29	445.53	36.76	13.120		
3,800.00	3,623.02	3,601.69	3,521.38	21.99	17.48	59.04	-1,303.25	381.34	482.69	445.21	37.48	12.880		
3,900.00	3,716.99	3,692.53	3,610.31	22.62	17.93	61.55	-1,321.65	378.89	485.07	446.44	38.63	12.555		
4,000.00	3,810.95	3,795.96	3,711.51	23.25	18.45	64.50	-1,342.61	374.85	489.25	449.34	39.90	12.260		
4,100.00	3,904.92	3,883.49	3,797.30	23.88	18.89	66.96	-1,359.66	371.81	493.75	452.71	41.04	12.031		
4,200.00	3,998.89	3,966.22	3,877.85	24.52	19.31	69.20	-1,378.05	367.62	502.43	460.33	42.10	11.935		
4,300.00	4,092.86	4,058.00	3,966.75	25.15	19.79	71.57	-1,400.17	362.12	514.22	470.97	43.25	11.890		
4,400.00	4,186.83	4,155.50	4,060.89	25.78	20.31	73.70	-1,425.24	358.22	526.86	482.40	44.46	11.850		
4,500.00	4,280.80	4,266.36	4,168.05	26.42	20.90	75.99	-1,453.35	354.33	539.71	493.87	45.84	11.774		
4,600.00	4,374.77	4,380.42	4,279.36	27.05	21.48	78.46	-1,478.05	351.66	549.69	502.47	47.22	11.641		
4,700.00	4,468.74	4,474.22	4,371.26	27.68	21.95	80.54	-1,496.72	349.37	559.35	510.98	48.38	11.562		
4,800.00	4,562.71	4,578.21	4,473.24	28.32	22.46	82.84	-1,516.80	346.36	569.79	520.16	49.63	11.480		
4,900.00	4,656.68	4,670.67	4,564.00	28.95	22.92	84.85	-1,534.25	343.70	580.74	529.98	50.76	11.441		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,000.00	4,750.65	4,758.37	4,649.84	29.59	23.36	86.62	-1,551.98	340.80	593.59	541.76	51.82	11.455		
5,100.00	4,844.62	4,869.63	4,758.72	30.23	23.92	88.73	-1,574.69	337.52	606.95	553.81	53.14	11.422		
5,200.00	4,938.59	4,961.57	4,848.74	30.86	24.38	90.37	-1,593.22	335.53	620.11	565.88	54.23	11.434		
5,300.00	5,032.56	5,045.41	4,930.54	31.50	24.81	91.74	-1,611.45	333.15	635.20	579.99	55.22	11.504		
5,400.00	5,126.52	5,138.43	5,021.06	32.13	25.29	93.17	-1,632.57	329.53	652.12	595.82	56.30	11.583		
5,500.00	5,220.49	5,255.15	5,135.06	32.77	25.89	94.99	-1,657.21	325.23	668.62	610.94	57.68	11.592		
5,600.00	5,314.46	5,376.91	5,255.27	33.41	26.46	97.21	-1,676.31	323.22	681.24	622.22	59.02	11.543		
5,700.00	5,408.43	5,476.27	5,353.98	34.04	26.91	99.31	-1,687.40	320.66	693.76	633.66	60.10	11.543		
5,800.00	5,502.40	5,586.27	5,463.61	34.68	27.38	101.83	-1,695.79	317.91	705.89	644.66	61.23	11.528		
5,900.00	5,596.37	5,683.60	5,560.78	35.32	27.78	104.11	-1,701.20	316.33	717.63	655.40	62.23	11.531		
6,000.00	5,690.34	5,782.45	5,659.53	35.96	28.18	106.46	-1,705.28	314.27	730.57	667.35	63.21	11.557		
6,100.00	5,784.31	5,895.74	5,772.77	36.59	28.63	109.19	-1,707.88	313.16	743.27	679.03	64.24	11.570		
6,200.00	5,878.28	5,992.59	5,869.60	37.23	29.01	111.42	-1,710.02	313.80	755.64	690.49	65.16	11.598		
6,300.00	5,972.25	6,090.98	5,967.94	37.87	29.40	113.57	-1,712.70	314.88	768.82	702.76	66.06	11.638		
6,400.00	6,066.22	6,182.09	6,059.02	38.51	29.75	115.53	-1,714.83	315.81	783.07	716.18	66.90	11.706		
6,500.00	6,160.19	6,278.91	6,155.81	39.14	30.14	117.53	-1,717.15	316.70	798.44	730.69	67.75	11.785		
6,600.00	6,254.16	6,366.81	6,243.68	39.78	30.48	119.31	-1,718.97	317.22	815.05	746.53	68.52	11.895		
6,700.00	6,348.13	6,464.56	6,341.43	40.42	30.87	121.25	-1,720.41	317.53	832.84	763.50	69.35	12.010		
6,800.00	6,442.09	6,563.73	6,427.45	41.06	31.36	123.19	-1,720.82	317.53	850.63	780.44	70.18	12.125		
6,869.92	6,507.80	6,612.26	6,492.65	41.51	31.75	124.18	-1,741.71	317.53	868.42	797.39	71.01	12.240		
6,900.00	6,536.18	6,656.88	6,531.77	41.69	32.15	124.76	-1,742.04	317.53	886.21	814.34	71.84	12.355		
6,950.00	6,583.76	6,763.31	6,648.83	41.98	32.75	126.69	-1,742.41	317.53	904.00	831.29	72.67	12.470		
7,000.00	6,631.58	6,866.09	6,751.51	42.23	33.39	128.62	-1,742.57	317.53	921.79	848.24	73.50	12.585		
7,050.00	6,679.34	6,963.18	6,848.60	42.44	33.78	130.55	-1,742.52	317.53	939.58	865.19	74.33	12.700		
7,100.00	6,726.76	7,060.57	6,945.99	42.62	34.17	132.48	-1,742.25	317.53	957.37	882.14	75.16	12.815		
7,150.00	6,773.53	7,157.29	7,041.26	42.78	34.59	134.41	-1,741.77	317.53	975.16	899.09	75.99	12.930		
7,200.00	6,819.38	7,254.38	7,136.50	42.91	35.01	136.34	-1,741.05	317.53	992.95	916.04	76.82	13.045		
7,250.00	6,864.01	7,349.91	7,231.30	43.03	35.43	138.27	-1,740.06	317.53	1,010.74	932.99	77.65	13.160		
7,300.00	6,907.16	7,445.59	7,316.10	43.14	35.85	140.20	-1,739.07	317.53	1,028.53	949.94	78.48	13.275		
7,350.00	6,948.56	7,541.32	7,400.84	43.24	36.27	142.13	-1,737.09	317.53	1,046.32	966.89	79.31	13.390		
7,400.00	6,987.94	7,637.06	7,485.44	43.35	36.69	144.06	-1,735.47	317.53	1,064.11	983.84	80.14	13.505		
7,450.00	7,025.08	7,732.56	7,570.59	43.46	37.11	146.00	-1,734.40	317.53	1,081.90	1,000.79	80.97	13.620		
7,500.00	7,059.73	7,828.32	7,665.19	43.57	37.53	147.93	-1,734.20	317.53	1,099.69	1,017.74	81.80	13.735		
7,550.00	7,091.70	7,923.75	7,759.20	43.70	37.95	149.86	-1,733.66	317.53	1,117.48	1,034.69	82.63	13.850		
7,600.00	7,120.77	8,019.47	7,853.77	43.84	38.37	151.79	-1,732.87	317.53	1,135.27	1,051.64	83.46	13.965		
7,650.00	7,146.77	8,115.58	7,948.81	44.00	38.79	153.72	-1,731.95	317.53	1,153.06	1,068.59	84.29	14.080		
7,655.56	7,149.46	8,161.53	7,993.72	44.02	38.80	153.87	-1,731.84	317.53	1,155.21	1,070.74	84.30	14.085		
7,700.00	7,169.54	8,257.51	8,088.71	44.18	39.22	155.80	-1,730.90	317.53	1,172.99	1,087.69	85.13	14.200		
7,750.00	7,188.94	8,353.38	8,183.70	44.38	39.64	157.73	-1,729.78	317.53	1,190.78	1,104.64	85.96	14.315		
7,800.00	7,204.85	8,449.58	8,278.70	44.61	40.06	159.66	-1,729.06	317.53	1,208.57	1,121.59	86.79	14.430		
7,850.00	7,217.17	8,545.67	8,373.69	44.88	40.48	161.59	-1,728.70	317.53	1,226.36	1,138.54	87.62	14.545		
7,900.00	7,225.83	8,641.77	8,468.68	45.17	40.90	163.52	-1,728.55	317.53	1,244.15	1,155.49	88.45	14.660		
7,950.00	7,230.77	8,737.80	8,563.69	45.50	41.32	165.45	-1,728.54	317.53	1,261.94	1,172.44	89.28	14.775		
7,985.49	7,232.00	8,833.83	8,658.70	45.75	41.74	167.38	-1,728.61	317.53	1,279.73	1,189.39	90.11	14.890		
8,000.00	7,232.12	8,929.86	8,753.71	45.86	42.16	169.31	-1,728.64	317.53	1,297.52	1,206.34	90.94	15.005		
8,100.00	7,232.93	9,025.89	8,848.72	46.71	42.58	171.24	-1,728.50	317.53	1,315.31	1,223.29	91.77	15.120		
8,200.00	7,233.74	9,121.92	8,943.73	47.73	43.00	173.17	-1,727.91	317.53	1,333.10	1,240.24	92.60	15.235		
8,300.00	7,234.54	9,217.95	9,038.74	48.94	43.42	175.10	-1,727.08	317.53	1,350.89	1,257.19	93.43	15.350		
8,400.00	7,235.35	9,313.98	9,133.75	50.32	43.84	177.03	-1,726.19	317.53	1,368.68	1,274.14	94.26	15.465		
8,500.00	7,236.16	9,409.99	9,228.76	51.86	44.26	178.96	-1,725.32	317.53	1,386.47	1,291.09	95.09	15.580		
8,600.00	7,236.97	9,506.00	9,323.77	53.54	44.68	180.89	-1,724.12	317.53	1,404.26	1,308.04	95.92	15.695		
8,700.00	7,237.77	9,602.01	9,418.78	55.33	45.10	182.82	-1,723.41	317.53	1,422.05	1,324.99	96.75	15.810		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,800.00	7,238.58	6,969.79	6,821.39	57.24	32.56	32.44	-1,722.24	449.12	849.74	779.97	69.77	12.180		
8,900.00	7,239.39	6,939.00	6,794.85	59.24	32.47	30.90	-1,721.27	433.54	933.39	863.00	70.38	13.261		
9,000.00	7,240.20	6,912.41	6,771.63	61.31	32.39	29.67	-1,720.52	420.62	1,018.61	947.61	71.00	14.347		
9,100.00	7,241.01	6,892.25	6,753.73	63.46	32.33	28.76	-1,720.07	411.34	1,105.44	1,033.78	71.66	15.427		
9,200.00	7,241.81	6,874.00	6,737.33	65.67	32.27	27.97	-1,719.76	403.35	1,193.62	1,121.40	72.22	16.527		
9,300.00	7,242.62	6,846.00	6,711.81	67.93	32.19	26.81	-1,719.46	391.84	1,283.09	1,210.60	72.49	17.700		
9,400.00	7,243.43	6,846.00	6,711.81	70.25	32.19	26.81	-1,719.46	391.84	1,373.33	1,300.12	73.20	18.761		
9,500.00	7,244.24	6,823.65	6,691.19	72.60	32.12	25.92	-1,719.36	383.21	1,464.46	1,391.02	73.44	19.942		
9,600.00	7,245.04	6,807.24	6,675.95	74.99	32.06	25.29	-1,719.38	377.13	1,556.29	1,482.57	73.72	21.111		
9,700.00	7,245.85	6,791.97	6,661.69	77.42	32.01	24.72	-1,719.47	371.67	1,648.73	1,574.76	73.97	22.289		
9,800.00	7,246.66	6,777.72	6,648.32	79.87	31.97	24.21	-1,719.60	366.75	1,741.72	1,667.52	74.20	23.473		
9,900.00	7,247.47	6,752.00	6,624.04	82.36	31.89	23.31	-1,719.98	358.28	1,835.30	1,761.02	74.28	24.709		
10,000.00	7,248.28	6,752.00	6,624.04	84.87	31.89	23.31	-1,719.98	358.28	1,929.11	1,854.51	74.59	25.862		
10,100.00	7,249.08	6,752.00	6,624.04	87.40	31.89	23.31	-1,719.98	358.28	2,023.51	1,948.65	74.86	27.031		
10,200.00	7,249.89	6,752.00	6,624.04	89.95	31.89	23.31	-1,719.98	358.28	2,118.42	2,043.33	75.09	28.212		
10,300.00	7,250.70	6,720.91	6,594.44	92.52	31.78	22.29	-1,720.47	348.78	2,213.13	2,138.06	75.07	29.480		
10,400.00	7,251.51	6,711.71	6,585.63	95.11	31.75	22.00	-1,720.59	346.13	2,308.45	2,233.25	75.20	30.696		
10,500.00	7,252.31	6,703.01	6,577.28	97.71	31.72	21.74	-1,720.69	343.68	2,404.05	2,328.73	75.33	31.915		
10,600.00	7,253.12	6,694.77	6,569.36	100.33	31.69	21.49	-1,720.77	341.43	2,499.91	2,424.47	75.44	33.138		
10,700.00	7,253.93	6,657.00	6,532.82	102.96	31.57	20.44	-1,721.01	331.86	2,596.57	2,521.18	75.39	34.442		
10,800.00	7,254.74	6,657.00	6,532.82	105.61	31.57	20.44	-1,721.01	331.86	2,692.62	2,617.08	75.54	35.647		
10,900.00	7,255.55	6,657.00	6,532.82	108.26	31.57	20.44	-1,721.01	331.86	2,788.94	2,713.27	75.67	36.858		
11,000.00	7,256.35	6,657.00	6,532.82	110.92	31.57	20.44	-1,721.01	331.86	2,885.51	2,809.73	75.78	38.075		
11,100.00	7,257.16	6,657.00	6,532.82	113.60	31.57	20.44	-1,721.01	331.86	2,982.31	2,906.42	75.89	39.297		
11,200.00	7,257.97	6,657.00	6,532.82	116.28	31.57	20.44	-1,721.01	331.86	3,079.31	3,003.32	75.99	40.523		
11,300.00	7,258.78	6,657.00	6,532.82	118.97	31.57	20.44	-1,721.01	331.86	3,176.50	3,100.42	76.08	41.753		
11,400.00	7,259.58	6,657.00	6,532.82	121.67	31.57	20.44	-1,721.01	331.86	3,273.86	3,197.70	76.16	42.985		
11,500.00	7,260.39	6,657.00	6,532.82	124.38	31.57	20.44	-1,721.01	331.86	3,371.37	3,295.13	76.24	44.220		
11,600.00	7,261.20	6,657.00	6,532.82	127.09	31.57	20.44	-1,721.01	331.86	3,469.03	3,392.71	76.31	45.458		
11,700.00	7,262.01	6,657.00	6,532.82	129.81	31.57	20.44	-1,721.01	331.86	3,566.81	3,490.43	76.38	46.697		
11,800.00	7,262.82	6,657.00	6,532.82	132.53	31.57	20.44	-1,721.01	331.86	3,664.71	3,588.27	76.45	47.938		
11,900.00	7,263.62	6,657.00	6,532.82	135.26	31.57	20.44	-1,721.01	331.86	3,762.73	3,686.22	76.51	49.181		
12,000.00	7,264.43	6,657.00	6,532.82	138.00	31.57	20.44	-1,721.01	331.86	3,860.84	3,784.28	76.57	50.424		
12,100.00	7,265.24	6,657.00	6,532.82	140.74	31.57	20.44	-1,721.01	331.86	3,959.05	3,882.43	76.62	51.669		
12,200.00	7,266.05	6,657.00	6,532.82	143.49	31.57	20.44	-1,721.01	331.86	4,057.35	3,980.67	76.68	52.914		
12,300.00	7,266.86	6,657.00	6,532.82	146.24	31.57	20.44	-1,721.01	331.86	4,155.73	4,079.00	76.73	54.159		
12,400.00	7,267.66	6,657.00	6,532.82	148.99	31.57	20.44	-1,721.01	331.86	4,254.19	4,177.40	76.78	55.405		
12,500.00	7,268.47	6,657.00	6,532.82	151.75	31.57	20.44	-1,721.01	331.86	4,352.71	4,275.88	76.83	56.650		
12,600.00	7,269.28	6,657.00	6,532.82	154.51	31.57	20.44	-1,721.01	331.86	4,451.30	4,374.42	76.88	57.896		
12,700.00	7,270.09	6,657.00	6,532.82	157.27	31.57	20.44	-1,721.01	331.86	4,549.95	4,473.02	76.93	59.141		
12,800.00	7,270.89	6,657.00	6,532.82	160.04	31.57	20.44	-1,721.01	331.86	4,648.66	4,571.68	76.98	60.386		
12,900.00	7,271.70	6,657.00	6,532.82	162.81	31.57	20.44	-1,721.01	331.86	4,747.43	4,670.40	77.03	61.631		
13,000.00	7,272.51	6,657.00	6,532.82	165.58	31.57	20.44	-1,721.01	331.86	4,846.24	4,769.16	77.08	62.875		
13,100.00	7,273.32	6,657.00	6,532.82	168.36	31.57	20.44	-1,721.01	331.86	4,945.10	4,867.98	77.13	64.118		
13,200.00	7,274.13	6,657.00	6,532.82	171.14	31.57	20.44	-1,721.01	331.86	5,044.01	4,966.84	77.17	65.360		
13,300.00	7,274.93	6,657.00	6,532.82	173.92	31.57	20.44	-1,721.01	331.86	5,142.96	5,065.74	77.22	66.602		
13,400.00	7,275.74	6,657.00	6,532.82	176.71	31.57	20.44	-1,721.01	331.86	5,241.95	5,164.68	77.27	67.842		
13,500.00	7,276.55	6,657.00	6,532.82	179.49	31.57	20.44	-1,721.01	331.86	5,340.98	5,263.66	77.31	69.081		
13,555.88	7,277.00	6,614.29	6,490.91	181.05	31.42	19.36	-1,721.10	323.71	5,394.14	5,316.83	77.31	69.776		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	139.72	-597.83	506.71	783.75					
100.00	100.00	90.10	90.10	3.28	3.29	139.69	-597.58	506.89	783.61	777.04	6.57	119.260		
200.00	200.00	191.33	191.32	3.34	3.31	139.62	-596.74	507.55	783.40	776.75	6.64	117.913		
300.00	299.98	289.12	289.10	3.44	3.36	-6.47	-595.44	508.65	781.38	774.58	6.80	114.926		
400.00	399.84	382.35	382.30	3.59	3.47	-6.66	-594.48	510.36	776.59	769.53	7.06	109.962		
500.00	499.45	476.84	476.77	3.79	3.62	-6.90	-594.07	512.62	769.17	761.75	7.42	103.690		
600.00	598.70	572.25	572.16	4.04	3.82	-7.07	-595.01	514.09	758.82	750.96	7.85	96.639		
700.00	697.47	664.53	664.40	4.32	4.03	-7.14	-597.57	514.56	745.70	737.35	8.34	89.359		
800.00	795.62	752.19	751.92	4.64	4.26	-7.05	-602.36	513.89	730.34	721.45	8.89	82.197		
900.00	893.06	838.18	837.53	5.01	4.50	-6.75	-610.16	512.01	713.33	703.85	9.47	75.309		
1,000.00	989.64	925.12	923.68	5.41	4.77	-6.18	-621.20	508.28	694.38	684.27	10.11	68.697		
1,100.00	1,085.27	1,006.67	1,003.94	5.85	5.04	-5.37	-634.83	503.55	674.25	663.48	10.77	62.585		
1,200.00	1,179.82	1,100.99	1,096.36	6.33	5.37	-4.22	-652.63	497.36	652.17	640.66	11.51	56.654		
1,300.00	1,273.78	1,190.97	1,184.47	6.85	5.71	-3.03	-670.01	491.98	629.36	617.10	12.27	51.301		
1,400.00	1,367.75	1,279.91	1,271.46	7.38	6.07	-1.77	-687.96	487.20	607.93	594.88	13.05	46.601		
1,500.00	1,461.72	1,371.77	1,360.99	7.93	6.45	-0.30	-707.81	482.02	587.87	574.01	13.86	42.423		
1,600.00	1,555.69	1,469.17	1,455.75	8.49	6.87	1.45	-729.56	476.05	568.63	553.92	14.71	38.660		
1,700.00	1,649.66	1,565.21	1,549.03	9.07	7.29	3.38	-751.39	469.37	549.88	534.31	15.58	35.305		
1,800.00	1,743.63	1,658.01	1,639.15	9.65	7.72	5.34	-772.67	463.34	532.20	515.75	16.45	32.359		
1,900.00	1,837.60	1,753.30	1,731.86	10.24	8.16	7.30	-794.22	458.77	515.66	498.32	17.34	29.742		
2,000.00	1,931.57	1,849.09	1,825.12	10.83	8.60	9.29	-815.76	455.05	500.02	481.78	18.24	27.410		
2,100.00	2,025.54	1,951.11	1,924.67	11.43	9.08	11.40	-837.90	452.14	484.70	465.53	19.18	25.274		
2,200.00	2,119.51	2,053.92	2,025.02	12.03	9.57	13.88	-859.68	447.09	468.87	448.74	20.13	23.291		
2,300.00	2,213.48	2,154.24	2,122.99	12.64	10.05	16.56	-880.42	441.18	453.13	432.04	21.09	21.486		
2,400.00	2,307.45	2,258.04	2,224.75	13.25	10.54	19.38	-900.14	435.75	436.94	414.87	22.07	19.799		
2,500.00	2,401.42	2,356.22	2,321.25	13.87	11.00	22.18	-917.60	430.92	420.65	397.61	23.05	18.253		
2,600.00	2,495.39	2,456.01	2,419.34	14.48	11.47	25.21	-935.28	426.22	405.42	381.37	24.05	16.860		
2,700.00	2,589.35	2,552.00	2,513.97	15.10	11.92	28.26	-950.89	422.13	389.95	364.89	25.06	15.562		
2,800.00	2,683.32	2,647.43	2,607.81	15.72	12.37	31.48	-967.81	418.29	377.16	351.06	26.09	14.454		
2,900.00	2,777.29	2,742.27	2,701.21	16.34	12.82	34.85	-983.81	414.75	364.89	337.73	27.16	13.436		
3,000.00	2,871.26	2,835.46	2,792.65	16.97	13.26	38.53	-1,001.19	410.02	355.90	327.65	28.25	12.599		
3,100.00	2,965.23	2,934.01	2,889.43	17.59	13.74	42.58	-1,019.12	405.16	348.21	318.81	29.40	11.845		
3,200.00	3,059.20	3,038.15	2,991.85	18.22	14.24	47.01	-1,037.28	400.25	341.62	311.02	30.60	11.163		
3,300.00	3,153.17	3,131.35	3,083.83	18.84	14.68	51.11	-1,051.87	396.42	335.12	303.34	31.78	10.544		
3,400.00	3,247.14	3,221.19	3,172.07	19.47	15.11	55.03	-1,068.30	392.70	333.01	300.06	32.95	10.108		
3,412.89	3,259.25	3,233.16	3,183.80	19.55	15.17	55.53	-1,070.63	392.28	332.98	299.89	33.10	10.061		
3,500.00	3,341.11	3,324.37	3,273.27	20.10	15.61	59.30	-1,088.16	389.69	333.20	298.98	34.22	9.737		
3,561.12	3,398.54	3,385.95	3,333.93	20.48	15.91	61.91	-1,098.66	388.17	332.86	297.87	34.99	9.513 CC		
3,600.00	3,435.08	3,422.47	3,369.90	20.73	16.08	63.47	-1,104.91	387.17	333.06	297.60	35.46	9.392 ES		
3,700.00	3,529.05	3,516.63	3,462.55	21.36	16.54	67.47	-1,121.44	384.27	335.44	298.76	36.68	9.145		
3,800.00	3,623.02	3,611.36	3,555.64	21.99	17.00	71.40	-1,138.72	381.08	340.32	302.43	37.89	8.982		
3,900.00	3,716.99	3,707.97	3,650.54	22.62	17.47	75.32	-1,156.42	377.38	347.28	308.18	39.11	8.881		
4,000.00	3,810.95	3,803.22	3,744.14	23.25	17.93	79.13	-1,173.50	373.15	356.08	315.79	40.29	8.838		
4,100.00	3,904.92	3,890.84	3,829.97	23.88	18.37	82.32	-1,190.65	369.09	367.69	326.35	41.34	8.895		
4,200.00	3,998.89	3,981.87	3,918.51	24.52	18.83	85.15	-1,211.26	364.31	382.90	340.50	42.40	9.030		
4,300.00	4,092.86	4,076.64	4,010.41	25.15	19.32	87.76	-1,233.83	359.21	399.88	356.37	43.52	9.189		
4,400.00	4,186.83	4,174.27	4,105.28	25.78	19.82	90.42	-1,256.04	353.02	417.91	373.23	44.67	9.355		
4,500.00	4,280.80	4,278.16	4,206.67	26.42	20.34	93.26	-1,277.65	346.39	435.86	389.95	45.91	9.493		
4,600.00	4,374.77	4,382.14	4,308.91	27.05	20.85	96.29	-1,295.47	339.90	452.98	405.86	47.12	9.614		
4,700.00	4,468.74	4,481.34	4,406.66	27.68	21.33	99.03	-1,311.47	334.56	469.96	421.74	48.22	9.746		
4,800.00	4,562.71	4,580.14	4,503.92	28.32	21.81	101.44	-1,328.25	330.17	487.36	438.05	49.31	9.884		
4,900.00	4,656.68	4,678.24	4,600.43	28.95	22.29	103.59	-1,345.47	326.43	505.11	454.73	50.38	10.026		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,750.65	4,765.66	4,686.55	29.59	22.71	105.52	-1,359.80	322.06	524.29	473.01	51.28	10.225		
5,100.00	4,844.62	4,870.10	4,789.72	30.23	23.21	107.89	-1,374.92	316.22	544.25	491.85	52.40	10.387		
5,200.00	4,938.59	4,961.73	4,880.48	30.86	23.63	110.01	-1,386.32	310.94	564.69	511.38	53.30	10.594		
5,300.00	5,032.56	5,067.10	4,985.09	31.50	24.11	112.44	-1,397.71	305.35	585.21	530.83	54.38	10.762		
5,400.00	5,126.52	5,163.78	5,081.19	32.13	24.54	114.58	-1,407.30	300.94	605.74	550.44	55.31	10.952		
5,500.00	5,220.49	5,261.74	5,178.76	32.77	24.97	116.82	-1,414.79	296.40	626.93	570.70	56.23	11.150		
5,600.00	5,314.46	5,365.97	5,282.83	33.41	25.40	119.41	-1,418.44	292.60	647.82	590.67	57.16	11.334		
5,700.00	5,408.43	5,463.27	5,380.09	34.04	25.78	121.91	-1,419.10	289.81	669.04	611.08	57.95	11.544		
5,800.00	5,502.40	5,560.44	5,477.24	34.68	26.15	124.28	-1,419.51	287.57	690.88	632.14	58.73	11.763		
5,900.00	5,596.37	5,653.49	5,570.26	35.32	26.51	126.47	-1,419.22	285.77	713.50	654.05	59.45	12.001		
6,000.00	5,690.34	5,747.11	5,663.86	35.96	26.86	128.55	-1,418.86	283.61	737.48	677.31	60.16	12.258		
6,100.00	5,784.31	5,853.97	5,770.71	36.59	27.25	130.87	-1,417.26	282.37	761.50	700.50	61.01	12.483		
6,200.00	5,878.28	5,955.35	5,872.07	37.23	27.61	132.93	-1,416.02	283.02	784.69	722.92	61.77	12.703		
6,300.00	5,972.25	6,046.61	5,963.33	37.87	27.94	134.67	-1,415.16	283.65	808.64	746.21	62.44	12.951		
6,400.00	6,066.22	6,133.99	6,050.70	38.51	28.26	136.25	-1,414.30	283.79	833.84	770.78	63.06	13.224		
6,500.00	6,160.19	6,224.78	6,141.48	39.14	28.59	137.80	-1,413.08	283.24	860.47	796.75	63.72	13.505		
6,600.00	6,254.16	6,324.00	6,241.48	39.78	28.92	139.24	-1,399.25	1,126.10	884.08	826.24	37.83	22.839		
6,700.00	6,348.13	6,418.08	6,335.45	40.42	29.25	140.57	-1,399.87	1,137.15	907.27	849.05	42.22	18.623		
6,800.00	6,442.09	6,512.04	6,429.31	41.06	29.58	141.80	-1,401.14	1,162.93	930.28	871.93	47.34	15.066		
6,869.92	6,507.80	6,577.87	6,494.54	41.51	29.80	142.58	-1,401.85	1,179.87	946.88	887.46	51.43	12.948		
6,900.00	6,536.18	6,606.22	6,523.45	41.69	29.91	142.81	-1,402.09	1,186.19	956.55	895.25	53.30	12.130		
6,950.00	6,583.76	6,653.32	6,570.41	41.98	30.02	143.32	-1,402.34	1,193.30	965.96	904.41	56.55	10.892		
7,000.00	6,631.58	6,698.35	6,625.48	42.23	30.07	143.45	-1,402.44	1,196.33	972.85	911.30	59.90	9.814		
7,050.00	6,679.34	6,746.11	6,676.24	42.44	30.06	143.66	-1,402.41	1,195.46	979.85	918.30	63.23	8.901		
7,100.00	6,726.76	6,793.51	6,723.15	42.62	30.06	143.80	-1,402.26	1,190.90	986.85	925.30	66.44	8.151		
7,150.00	6,773.53	6,840.28	6,770.02	42.78	30.05	143.88	-1,401.97	1,182.87	993.85	932.30	69.36	7.560		
7,200.00	6,819.38	6,887.03	6,814.87	42.91	30.07	143.95	-1,401.52	1,171.57	1,000.85	939.30	71.85	7.122		
7,250.00	6,864.01	6,931.66	6,861.50	43.03	30.04	144.00	-1,400.88	1,157.24	1,007.85	946.30	73.79	6.828		
7,300.00	6,907.16	6,974.81	6,904.15	43.14	30.16	144.05	-1,400.03	1,140.09	1,014.85	953.30	75.11	6.665		
7,310.87	6,916.32	6,984.07	6,912.31	43.16	30.09	144.08	-1,399.81	1,136.00	1,011.85	950.30	75.31	6.646		
7,350.00	6,948.56	7,016.31	6,945.55	43.24	30.84	144.10	-1,398.87	1,119.51	1,001.78	940.21	75.77	6.622 SF		
7,400.00	6,987.94	7,065.48	6,994.93	43.35	36.44	115.12	-1,397.42	1,092.64	986.86	931.08	75.78	6.688		
7,450.00	7,025.08	7,102.62	7,031.44	43.46	35.98	109.34	-1,395.88	1,060.43	974.99	919.74	75.24	6.844		
7,500.00	7,059.73	7,137.27	7,066.24	43.57	35.44	103.62	-1,394.31	1,022.16	962.21	907.92	74.29	7.069		
7,550.00	7,091.70	7,169.31	7,098.67	43.70	34.88	98.05	-1,393.00	978.57	950.50	896.40	73.10	7.339		
7,600.00	7,120.77	7,200.54	7,061.79	43.84	34.32	92.94	-1,392.22	933.82	938.18	884.40	71.79	7.636		
7,650.00	7,146.77	7,226.24	7,058.76	44.00	33.83	88.31	-1,392.06	889.64	926.15	872.32	70.49	7.941		
7,700.00	7,169.54	7,248.31	7,053.12	44.18	33.37	84.12	-1,392.56	847.09	914.15	859.95	69.19	8.254		
7,750.00	7,188.94	7,267.48	7,044.56	44.38	32.97	80.23	-1,393.79	804.13	901.96	847.02	67.93	8.567		
7,800.00	7,204.85	7,283.13	7,033.51	44.61	32.60	76.72	-1,395.77	763.30	889.02	835.28	66.73	8.871		
7,850.00	7,217.17	7,296.68	7,021.34	44.88	32.33	73.71	-1,398.13	726.91	876.30	822.50	65.80	9.139		
7,900.00	7,225.83	7,256.58	7,008.24	45.17	32.10	71.10	-1,400.51	692.29	863.83	810.76	65.07	9.372		
7,950.00	7,230.77	7,261.00	6,995.69	45.50	31.93	69.00	-1,402.68	662.30	851.46	800.75	64.71	9.542		
7,985.49	7,232.00	7,200.05	6,985.63	45.75	31.83	67.63	-1,404.24	640.62	839.23	788.84	64.54	9.643		
8,000.00	7,232.12	7,191.82	6,981.95	45.86	31.80	67.29	-1,404.75	633.28	832.43	781.87	64.57	9.671		
8,100.00	7,232.93	7,129.00	6,950.20	46.71	31.59	64.48	-1,408.23	579.23	819.16	768.81	64.35	9.995		
8,200.00	7,233.74	7,100.54	6,933.69	47.73	31.51	63.10	-1,409.20	556.07	807.29	756.28	66.01	10.154		
8,300.00	7,234.54	7,068.50	6,913.50	48.94	31.43	61.49	-1,409.27	531.20	796.88	746.45	67.43	10.483		
8,400.00	7,235.35	7,034.00	6,889.98	50.32	31.34	59.73	-1,408.11	506.00	787.07	737.47	68.61	10.962		
8,500.00	7,236.16	6,983.83	6,853.50	51.86	31.20	57.13	-1,406.69	471.60	778.66	728.72	68.94	11.657		
8,600.00	7,236.97	6,939.00	6,819.32	53.54	31.08	54.74	-1,407.41	442.62	769.35	719.93	69.42	12.380		
8,700.00	7,237.77	6,906.03	6,793.19	55.33	30.98	52.98	-1,408.36	422.54	760.01	710.71	70.30	13.087		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,238.58	6,881.73	6,773.35	57.24	30.91	51.71	-1,408.71	408.51	985.62	914.26	71.36	13.812		
8,900.00	7,239.39	6,845.00	6,742.49	59.24	30.80	49.85	-1,408.66	388.61	1,055.67	983.84	71.83	14.696		
9,000.00	7,240.20	6,845.00	6,742.49	61.31	30.80	49.85	-1,408.66	388.61	1,128.80	1,055.50	73.30	15.399		
9,100.00	7,241.01	6,845.00	6,742.49	63.46	30.80	49.85	-1,408.66	388.61	1,205.79	1,131.33	74.47	16.192		
9,200.00	7,241.81	6,804.03	6,706.83	65.67	30.67	47.84	-1,408.18	368.44	1,284.09	1,209.59	74.50	17.236		
9,300.00	7,242.62	6,788.81	6,693.27	67.93	30.62	47.11	-1,407.97	361.55	1,365.28	1,290.23	75.05	18.192		
9,400.00	7,243.43	6,751.00	6,658.87	70.25	30.50	45.34	-1,407.39	345.87	1,449.00	1,373.93	75.07	19.301		
9,500.00	7,244.24	6,751.00	6,658.87	72.60	30.50	45.34	-1,407.39	345.87	1,533.28	1,457.53	75.75	20.242		
9,600.00	7,245.04	6,751.00	6,658.87	74.99	30.50	45.34	-1,407.39	345.87	1,619.35	1,543.05	76.30	21.224		
9,700.00	7,245.85	6,751.00	6,658.87	77.42	30.50	45.34	-1,407.39	345.87	1,706.93	1,630.19	76.75	22.241		
9,800.00	7,246.66	6,722.52	6,632.44	79.87	30.40	44.05	-1,407.10	335.27	1,795.21	1,718.44	76.77	23.384		
9,900.00	7,247.47	6,710.01	6,620.72	82.36	30.36	43.49	-1,407.09	330.89	1,884.57	1,807.60	76.97	24.484		
10,000.00	7,248.28	6,698.43	6,609.82	84.87	30.32	42.97	-1,407.14	326.98	1,974.75	1,897.60	77.15	25.597		
10,100.00	7,249.08	6,687.68	6,599.66	87.40	30.28	42.50	-1,407.24	323.49	2,065.65	1,988.35	77.31	26.720		
10,200.00	7,249.89	6,656.00	6,569.46	89.95	30.17	41.12	-1,407.84	313.92	2,157.55	2,080.31	77.24	27.933		
10,300.00	7,250.70	6,656.00	6,569.46	92.52	30.17	41.12	-1,407.84	313.92	2,249.47	2,172.01	77.47	29.038		
10,400.00	7,251.51	6,656.00	6,569.46	95.11	30.17	41.12	-1,407.84	313.92	2,342.06	2,264.40	77.66	30.158		
10,500.00	7,252.31	6,656.00	6,569.46	97.71	30.17	41.12	-1,407.84	313.92	2,435.23	2,357.40	77.82	31.291		
10,600.00	7,253.12	6,656.00	6,569.46	100.33	30.17	41.12	-1,407.84	313.92	2,528.92	2,450.95	77.97	32.435		
10,700.00	7,253.93	6,656.00	6,569.46	102.96	30.17	41.12	-1,407.84	313.92	2,623.07	2,544.98	78.09	33.589		
10,800.00	7,254.74	6,656.00	6,569.46	105.61	30.17	41.12	-1,407.84	313.92	2,717.65	2,639.44	78.20	34.752		
10,900.00	7,255.55	6,656.00	6,569.46	108.26	30.17	41.12	-1,407.84	313.92	2,812.60	2,734.30	78.30	35.922		
11,000.00	7,256.35	6,619.65	6,534.43	110.92	30.04	39.61	-1,408.66	304.28	2,906.92	2,828.73	78.19	37.178		
11,100.00	7,257.16	6,614.17	6,529.11	113.60	30.02	39.39	-1,408.77	302.95	3,002.21	2,923.96	78.25	38.367		
11,200.00	7,257.97	6,608.95	6,524.05	116.28	30.00	39.18	-1,408.87	301.71	3,097.76	3,019.46	78.31	39.560		
11,300.00	7,258.78	6,603.98	6,519.21	118.97	29.98	38.98	-1,408.95	300.56	3,193.55	3,115.19	78.36	40.756		
11,400.00	7,259.58	6,599.23	6,514.59	121.67	29.96	38.79	-1,409.03	299.48	3,289.55	3,211.14	78.41	41.954		
11,500.00	7,260.39	6,562.00	6,478.14	124.38	29.83	37.38	-1,409.52	291.89	3,386.51	3,308.19	78.32	43.239		
11,600.00	7,261.20	6,562.00	6,478.14	127.09	29.83	37.38	-1,409.52	291.89	3,482.71	3,404.32	78.39	44.429		
11,700.00	7,262.01	6,562.00	6,478.14	129.81	29.83	37.38	-1,409.52	291.89	3,579.12	3,500.67	78.45	45.622		
11,800.00	7,262.82	6,562.00	6,478.14	132.53	29.83	37.38	-1,409.52	291.89	3,675.72	3,597.21	78.51	46.818		
11,900.00	7,263.62	6,562.00	6,478.14	135.26	29.83	37.38	-1,409.52	291.89	3,772.50	3,693.94	78.56	48.018		
12,000.00	7,264.43	6,562.00	6,478.14	138.00	29.83	37.38	-1,409.52	291.89	3,869.44	3,790.83	78.62	49.219		
12,100.00	7,265.24	6,562.00	6,478.14	140.74	29.83	37.38	-1,409.52	291.89	3,966.54	3,887.87	78.66	50.423		
12,200.00	7,266.05	6,562.00	6,478.14	143.49	29.83	37.38	-1,409.52	291.89	4,063.77	3,985.06	78.71	51.629		
12,300.00	7,266.86	6,562.00	6,478.14	146.24	29.83	37.38	-1,409.52	291.89	4,161.14	4,082.38	78.76	52.836		
12,400.00	7,267.66	6,562.00	6,478.14	148.99	29.83	37.38	-1,409.52	291.89	4,258.63	4,179.83	78.80	54.045		
12,500.00	7,268.47	6,562.00	6,478.14	151.75	29.83	37.38	-1,409.52	291.89	4,356.23	4,277.39	78.84	55.254		
12,600.00	7,269.28	6,562.00	6,478.14	154.51	29.83	37.38	-1,409.52	291.89	4,453.94	4,375.06	78.88	56.465		
12,700.00	7,270.09	6,562.00	6,478.14	157.27	29.83	37.38	-1,409.52	291.89	4,551.75	4,472.83	78.92	57.676		
12,800.00	7,270.89	6,562.00	6,478.14	160.04	29.83	37.38	-1,409.52	291.89	4,649.65	4,570.69	78.96	58.888		
12,900.00	7,271.70	6,562.00	6,478.14	162.81	29.83	37.38	-1,409.52	291.89	4,747.64	4,668.64	79.00	60.100		
13,000.00	7,272.51	6,562.00	6,478.14	165.58	29.83	37.38	-1,409.52	291.89	4,845.71	4,766.68	79.03	61.313		
13,100.00	7,273.32	6,562.00	6,478.14	168.36	29.83	37.38	-1,409.52	291.89	4,943.86	4,864.79	79.07	62.525		
13,200.00	7,274.13	6,562.00	6,478.14	171.14	29.83	37.38	-1,409.52	291.89	5,042.08	4,962.97	79.11	63.737		
13,300.00	7,274.93	6,562.00	6,478.14	173.92	29.83	37.38	-1,409.52	291.89	5,140.37	5,061.23	79.14	64.949		
13,400.00	7,275.74	6,562.00	6,478.14	176.71	29.83	37.38	-1,409.52	291.89	5,238.72	5,159.54	79.18	66.161		
13,500.00	7,276.55	6,562.00	6,478.14	179.49	29.83	37.38	-1,409.52	291.89	5,337.14	5,257.92	79.22	67.372		
13,555.88	7,277.00	6,562.00	6,478.14	181.05	29.83	37.38	-1,409.52	291.89	5,392.16	5,312.93	79.24	68.049		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	132.04	-457.93	507.82	683.89					
100.00	100.00	87.27	87.27	3.28	0.19	132.01	-457.74	508.14	683.91	680.43	3.48	196.740		
200.00	200.00	176.72	176.71	3.34	0.47	131.91	-457.24	509.35	684.59	680.77	3.82	179.342		
300.00	299.98	255.96	255.87	3.44	0.83	-14.23	-457.38	512.77	686.22	681.91	4.32	158.882		
400.00	399.84	335.41	335.09	3.59	1.19	-14.60	-458.13	518.76	687.45	682.57	4.88	141.011		
500.00	499.45	409.96	409.17	3.79	1.53	-15.07	-459.74	526.90	688.69	683.21	5.49	125.532		
600.00	598.70	485.58	483.98	4.04	1.88	-15.64	-462.83	537.44	690.24	684.10	6.14	112.375		
700.00	697.47	566.24	563.43	4.32	2.25	-16.26	-468.29	550.28	691.77	684.94	6.83	101.332		
800.00	795.62	653.10	648.69	4.64	2.66	-16.86	-476.64	564.57	692.31	684.77	7.54	91.821		
900.00	893.06	744.72	738.41	5.01	3.12	-17.41	-487.91	579.34	691.05	682.77	8.28	83.455		
1,000.00	989.64	845.56	836.93	5.41	3.61	-17.83	-503.59	593.93	687.26	678.19	9.07	75.761		
1,100.00	1,085.27	966.06	954.61	5.85	4.20	-17.87	-526.70	605.44	678.60	668.67	9.93	68.316		
1,200.00	1,179.82	1,098.91	1,084.38	6.33	4.80	-17.35	-554.81	608.30	662.04	651.17	10.87	60.932		
1,300.00	1,273.78	1,201.43	1,183.96	6.85	5.26	-16.38	-578.84	604.54	641.03	629.29	11.74	54.587		
1,400.00	1,367.75	1,293.59	1,272.63	7.38	5.67	-15.09	-603.30	598.86	620.48	607.86	12.62	49.181		
1,500.00	1,461.72	1,386.00	1,360.85	7.93	6.10	-13.50	-629.98	592.11	601.09	587.57	13.51	44.481		
1,600.00	1,555.69	1,479.46	1,449.67	8.49	6.55	-11.67	-658.10	584.79	582.75	568.32	14.43	40.377		
1,700.00	1,649.66	1,573.60	1,538.72	9.07	7.02	-9.59	-687.63	576.94	565.71	550.34	15.37	36.808		
1,800.00	1,743.63	1,673.81	1,633.43	9.65	7.53	-7.20	-719.16	568.08	549.28	532.95	16.33	33.630		
1,900.00	1,837.60	1,775.35	1,729.74	10.24	8.07	-4.70	-749.96	558.88	532.77	515.47	17.31	30.785		
2,000.00	1,931.57	1,866.93	1,816.85	10.83	8.55	-2.40	-777.09	551.07	516.99	498.74	18.25	28.323		
2,100.00	2,025.54	1,942.59	1,888.57	11.43	8.97	-0.49	-800.77	546.45	504.84	485.70	19.14	26.373		
2,200.00	2,119.51	2,037.33	1,978.05	12.03	9.50	1.84	-831.69	542.98	496.05	475.95	20.11	24.670		
2,300.00	2,213.48	2,135.15	2,070.61	12.64	10.06	4.22	-863.22	540.20	488.20	467.11	21.09	23.150		
2,400.00	2,307.45	2,240.31	2,170.46	13.25	10.65	6.78	-896.06	537.42	480.42	458.31	22.11	21.728		
2,500.00	2,401.42	2,336.27	2,261.81	13.87	11.19	9.10	-925.39	535.42	473.09	450.00	23.09	20.489		
2,600.00	2,495.39	2,436.60	2,357.18	14.48	11.76	11.78	-956.33	531.76	466.35	442.25	24.10	19.350		
2,700.00	2,589.35	2,535.69	2,451.51	15.10	12.32	14.52	-986.41	527.70	460.04	434.93	25.11	18.317		
2,800.00	2,683.32	2,631.11	2,542.42	15.72	12.86	17.11	-1,015.22	524.81	454.95	428.83	26.12	17.420		
2,900.00	2,777.29	2,726.58	2,633.33	16.34	13.40	19.66	-1,044.31	522.62	451.30	424.18	27.13	16.635		
3,000.00	2,871.26	2,823.69	2,725.71	16.97	13.95	22.24	-1,074.18	520.98	449.05	420.89	28.17	15.943		
3,100.00	2,965.23	2,919.87	2,817.06	17.59	14.50	25.08	-1,104.04	517.15	447.80	418.58	29.22	15.326		
3,117.15	2,981.35	2,935.83	2,832.19	17.70	14.60	25.56	-1,109.06	516.46	447.77	418.37	29.40	15.233 CC		
3,200.00	3,059.20	3,012.99	2,905.26	18.22	15.04	27.87	-1,133.66	513.27	448.50	418.24	30.26	14.822 ES		
3,300.00	3,153.17	3,109.78	2,996.72	18.84	15.60	30.73	-1,165.09	509.40	451.11	419.76	31.35	14.388		
3,400.00	3,247.14	3,208.70	3,090.38	19.47	16.18	33.53	-1,196.77	506.15	454.41	421.92	32.49	13.988		
3,500.00	3,341.11	3,305.25	3,181.77	20.10	16.74	36.22	-1,227.73	502.98	458.85	425.24	33.61	13.652		
3,600.00	3,435.08	3,408.76	3,279.83	20.73	17.34	39.19	-1,260.55	498.42	464.15	429.31	34.84	13.323		
3,700.00	3,529.05	3,512.96	3,379.13	21.36	17.93	42.05	-1,291.87	494.61	468.76	432.68	36.08	12.991		
3,800.00	3,623.02	3,617.70	3,479.35	21.99	18.52	44.73	-1,322.25	492.21	473.07	435.73	37.34	12.670		
3,900.00	3,716.99	3,712.90	3,570.55	22.62	19.06	47.05	-1,349.49	490.65	477.75	439.25	38.51	12.407		
4,000.00	3,810.95	3,807.65	3,661.22	23.25	19.59	49.44	-1,376.89	487.97	483.92	444.24	39.69	12.193		
4,100.00	3,904.92	3,911.55	3,760.90	23.88	20.17	52.08	-1,405.95	484.48	490.26	449.27	40.99	11.961		
4,200.00	3,998.89	3,992.00	3,837.75	24.52	20.63	54.06	-1,429.55	481.46	498.96	456.96	42.00	11.879		
4,300.00	4,092.86	4,074.16	3,915.42	25.15	21.11	55.98	-1,456.07	477.73	511.63	468.62	43.01	11.896		
4,400.00	4,186.83	4,160.89	3,996.65	25.78	21.63	57.84	-1,486.15	473.41	527.47	483.40	44.07	11.969		
4,500.00	4,280.80	4,250.32	4,079.82	26.42	22.18	59.58	-1,518.71	468.99	545.53	500.36	45.17	12.078		
4,600.00	4,374.77	4,351.01	4,173.19	27.05	22.80	61.34	-1,556.13	464.40	564.64	518.15	46.49	12.146		
4,700.00	4,468.74	4,453.46	4,268.57	27.68	23.43	63.02	-1,593.30	460.26	583.14	535.31	47.83	12.191		
4,800.00	4,562.71	4,556.27	4,364.62	28.32	24.06	64.62	-1,629.73	456.37	601.18	552.00	49.18	12.223		
4,900.00	4,656.68	4,661.83	4,463.72	28.95	24.70	66.20	-1,665.93	452.81	618.41	567.84	50.57	12.229		
5,000.00	4,750.65	4,762.80	4,558.83	29.59	25.30	67.67	-1,699.64	449.48	635.22	583.35	51.87	12.245		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,844.62	4,868.49	4,658.79	30.23	25.92	69.18	-1,733.83	446.11	651.48	598.23	53.25	12.235		
5,200.00	4,938.59	4,978.35	4,763.18	30.86	26.56	70.70	-1,767.96	443.43	666.63	611.96	54.67	12.194		
5,300.00	5,032.56	5,083.71	4,863.92	31.50	27.16	72.17	-1,798.74	441.26	680.41	624.40	56.01	12.148		
5,400.00	5,126.52	5,179.29	4,955.57	32.13	27.69	73.54	-1,825.71	438.64	694.27	637.04	57.23	12.131		
5,500.00	5,220.49	5,278.13	5,050.21	32.77	28.25	74.86	-1,854.11	436.13	708.78	650.30	58.49	12.119		
5,600.00	5,314.46	5,376.01	5,143.87	33.41	28.80	76.07	-1,882.51	434.27	723.41	663.68	59.73	12.112		
5,700.00	5,408.43	5,469.14	5,262.11	34.04	29.49	77.55	-1,916.80	433.03	736.95	675.69	61.26	12.030		
5,800.00	5,502.40	5,563.25	5,352.82	34.68	30.00	78.66	-1,941.82	432.84	749.26	686.82	62.45	11.999		
5,900.00	5,596.37	5,658.14	5,440.30	35.32	30.50	79.69	-1,966.51	432.30	762.55	698.96	63.60	11.991		
6,000.00	5,690.34	5,752.12	5,531.57	35.96	31.03	80.69	-1,992.81	431.92	776.34	711.56	64.79	11.983		
6,100.00	5,784.31	5,847.00	5,606.03	36.59	31.47	81.48	-2,015.55	430.37	792.48	726.74	65.75	12.054		
6,200.00	5,878.28	5,941.16	5,705.84	37.23	32.06	82.63	-2,045.06	426.37	809.81	742.75	67.06	12.075		
6,300.00	5,972.25	6,035.32	5,780.60	37.87	32.50	83.45	-2,067.58	423.11	827.89	759.89	68.00	12.175		
6,400.00	6,066.22	6,131.04	5,867.73	38.51	33.03	84.26	-2,096.03	419.43	847.50	778.37	69.13	12.260		
6,500.00	6,160.19	6,225.80	5,956.74	39.14	33.79	85.47	-2,134.71	416.13	864.36	793.48	70.88	12.195		
6,600.00	6,254.16	6,319.21	6,045.54	39.78	34.26	86.13	-2,158.83	414.93	881.24	809.36	71.88	12.260		
6,700.00	6,348.13	6,403.06	6,135.06	40.42	34.75	86.68	-2,185.36	413.39	899.97	827.08	72.89	12.347		
6,800.00	6,442.09	6,497.65	6,224.41	41.06	35.31	87.22	-2,216.35	411.41	919.68	845.62	74.06	12.418		
6,869.92	6,507.80	6,563.66	6,310.43	41.51	35.73	87.59	-2,239.58	410.13	933.53	858.60	74.94	12.457		
6,900.00	6,536.18	6,592.32	6,341.25	41.69	35.92	81.22	-2,250.42	409.63	938.86	863.51	75.35	12.461		
6,950.00	6,583.76	6,635.26	6,394.16	41.98	36.25	68.47	-2,268.52	408.79	944.86	868.85	76.01	12.431		
7,000.00	6,631.58	6,683.85	6,443.70	42.23	41.51	-5.75	-2,497.36	1,216.42	938.44	891.73	46.72	20.089		
7,050.00	6,679.34	6,732.70	6,493.76	42.44	41.48	-26.46	-2,497.41	1,213.28	896.70	848.18	48.53	18.479		
7,100.00	6,726.76	6,780.20	6,543.88	42.62	41.42	-44.19	-2,497.51	1,206.77	856.20	805.80	50.40	16.988		
7,150.00	6,773.53	6,826.04	6,594.07	42.78	41.34	-58.34	-2,497.70	1,196.62	817.29	764.94	52.35	15.612		
7,200.00	6,819.38	6,872.07	6,644.32	42.91	41.24	-69.21	-2,497.98	1,182.66	780.30	725.94	54.36	14.353		
7,250.00	6,864.01	6,916.75	6,694.61	43.03	41.13	-77.43	-2,498.39	1,165.34	745.56	689.14	56.42	13.214		
7,300.00	6,907.16	6,959.19	6,744.91	43.14	41.02	-83.57	-2,498.95	1,144.79	713.37	654.87	58.50	12.194		
7,350.00	6,948.56	6,999.52	6,795.23	43.24	40.93	-88.09	-2,499.69	1,121.13	683.98	623.42	60.57	11.293		
7,400.00	6,987.94	7,038.94	6,845.55	43.35	40.84	-91.27	-2,500.67	1,093.58	657.60	594.98	62.62	10.502		
7,450.00	7,025.08	7,075.11	6,895.96	43.46	40.77	-93.38	-2,501.83	1,062.07	634.28	569.66	64.61	9.816		
7,500.00	7,059.73	7,109.92	6,946.47	43.57	40.72	-94.68	-2,503.11	1,027.61	614.04	547.57	66.47	9.237		
7,550.00	7,091.70	7,141.69	6,996.08	43.70	40.69	-95.36	-2,504.52	990.41	596.86	528.69	68.17	8.756		
7,600.00	7,120.77	7,170.58	7,046.59	43.84	40.66	-95.56	-2,506.09	951.34	582.60	512.88	69.72	8.356		
7,650.00	7,146.77	7,196.00	7,096.79	44.00	40.65	-95.65	-2,508.01	917.83	571.49	500.36	71.13	8.034		
7,700.00	7,169.54	7,218.64	7,146.32	44.18	40.65	-95.22	-2,510.89	884.79	563.79	491.30	72.49	7.777		
7,750.00	7,188.94	7,237.50	7,226.43	44.38	40.64	-94.14	-2,514.80	849.53	559.44	485.61	73.83	7.578		
7,798.42	7,204.40	7,254.10	7,275.15	44.61	40.63	-92.33	-2,519.61	811.06	558.19	483.05	75.14	7.429		
7,800.00	7,204.85	7,254.64	7,275.67	44.61	40.63	-92.25	-2,519.78	809.70	558.19	483.01	75.18	7.425		
7,850.00	7,217.17	7,267.00	7,287.07	44.88	40.77	-89.00	-2,525.64	760.16	559.49	481.68	77.81	7.190		
7,900.00	7,225.83	7,275.99	7,295.14	45.17	40.47	-81.45	-2,527.60	667.19	561.25	482.18	79.07	7.098		
7,950.00	7,230.77	7,280.71	7,300.58	45.50	40.19	-73.49	-2,511.36	583.55	559.46	479.37	80.10	6.985		
7,985.49	7,232.00	7,282.83	7,302.56	45.75	40.10	-71.47	-2,505.10	565.63	558.62	478.52	80.10	6.974 SF		
7,993.37	7,232.07	7,282.12	7,302.41	45.81	40.08	-71.02	-2,503.71	561.96	558.59	478.49	80.09	6.974		
8,000.00	7,232.12	7,282.44	7,302.98	45.86	40.06	-70.65	-2,502.56	558.98	558.61	478.53	80.08	6.975		
8,100.00	7,232.93	7,283.77	7,303.17	46.71	39.83	-65.31	-2,485.52	521.88	564.82	485.12	79.70	7.086		
8,200.00	7,233.74	7,284.00	7,304.83	47.73	39.58	-60.25	-2,467.66	492.41	582.57	503.56	79.01	7.373		
8,300.00	7,234.54	7,244.59	7,305.25	48.94	39.40	-56.82	-2,454.55	474.93	612.48	533.79	78.69	7.783		
8,400.00	7,235.35	7,245.57	7,306.49	50.32	39.26	-54.39	-2,444.98	463.95	654.41	575.64	78.76	8.308		
8,500.00	7,236.16	7,246.62	7,307.69	51.86	39.15	-52.42	-2,437.03	455.89	706.78	627.77	79.02	8.945		
8,600.00	7,236.97	7,247.00	7,308.42	53.54	39.02	-50.12	-2,427.56	447.46	767.84	688.71	79.14	9.703		
8,700.00	7,237.77	7,248.00	7,309.42	55.33	39.02	-50.12	-2,427.56	447.46	835.77	755.84	79.93	10.457		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,800.00	7,238.58	7,145.86	6,825.94	57.24	38.90	-48.16	-2,419.30	440.95	909.08	829.06	80.02	11.360		
8,900.00	7,239.39	7,133.55	6,815.03	59.24	38.83	-47.08	-2,414.70	437.60	986.80	906.50	80.30	12.289		
9,000.00	7,240.20	7,122.63	6,805.29	61.31	38.77	-46.13	-2,410.63	434.80	1,067.95	987.41	80.54	13.260		
9,100.00	7,241.01	7,112.88	6,796.56	63.46	38.71	-45.30	-2,406.99	432.42	1,151.86	1,071.12	80.74	14.266		
9,200.00	7,241.81	7,104.12	6,788.69	65.67	38.66	-44.55	-2,403.72	430.40	1,238.00	1,157.08	80.91	15.300		
9,300.00	7,242.62	7,074.00	6,761.44	67.93	38.50	-42.04	-2,392.49	424.20	1,326.45	1,245.72	80.72	16.432		
9,400.00	7,243.43	7,074.00	6,761.44	70.25	38.50	-42.04	-2,392.49	424.20	1,415.61	1,334.64	80.97	17.482		
9,500.00	7,244.24	7,074.00	6,761.44	72.60	38.50	-42.04	-2,392.49	424.20	1,506.13	1,424.96	81.18	18.554		
9,600.00	7,245.04	7,074.00	6,761.44	74.99	38.50	-42.04	-2,392.49	424.20	1,597.79	1,516.45	81.34	19.643		
9,700.00	7,245.85	7,074.00	6,761.44	77.42	38.50	-42.04	-2,392.49	424.20	1,690.39	1,608.91	81.48	20.747		
9,800.00	7,246.66	7,074.00	6,761.44	79.87	38.50	-42.04	-2,392.49	424.20	1,783.79	1,702.20	81.59	21.863		
9,900.00	7,247.47	7,074.00	6,761.44	82.36	38.50	-42.04	-2,392.49	424.20	1,877.87	1,796.19	81.69	22.989		
10,000.00	7,248.28	7,074.00	6,761.44	84.87	38.50	-42.04	-2,392.49	424.20	1,972.54	1,890.77	81.77	24.124		
10,100.00	7,249.08	7,074.00	6,761.44	87.40	38.50	-42.04	-2,392.49	424.20	2,067.70	1,985.87	81.84	25.266		
10,200.00	7,249.89	7,074.00	6,761.44	89.95	38.50	-42.04	-2,392.49	424.20	2,163.30	2,081.41	81.90	26.415		
10,300.00	7,250.70	7,074.00	6,761.44	92.52	38.50	-42.04	-2,392.49	424.20	2,259.29	2,177.33	81.95	27.569		
10,400.00	7,251.51	7,040.28	6,730.57	95.11	38.30	-39.34	-2,380.16	418.58	2,354.66	2,272.92	81.74	28.806		
10,500.00	7,252.31	7,036.90	6,727.45	97.71	38.28	-39.08	-2,378.95	418.08	2,451.09	2,369.32	81.77	29.975		
10,600.00	7,253.12	7,033.70	6,724.50	100.33	38.26	-38.83	-2,377.80	417.63	2,547.77	2,465.97	81.80	31.148		
10,700.00	7,253.93	7,030.68	6,721.71	102.96	38.24	-38.60	-2,376.73	417.21	2,644.69	2,562.87	81.82	32.322		
10,800.00	7,254.74	7,027.81	6,719.06	105.61	38.23	-38.38	-2,375.71	416.83	2,741.81	2,659.97	81.85	33.500		
10,900.00	7,255.55	7,025.10	6,716.54	108.26	38.21	-38.17	-2,374.75	416.47	2,839.12	2,757.25	81.87	34.679		
11,000.00	7,256.35	7,022.51	6,714.14	110.92	38.19	-37.98	-2,373.83	416.13	2,936.61	2,854.71	81.89	35.859		
11,100.00	7,257.16	7,020.05	6,711.86	113.60	38.18	-37.79	-2,372.97	415.82	3,034.24	2,952.33	81.92	37.041		
11,200.00	7,257.97	7,017.71	6,709.69	116.28	38.17	-37.61	-2,372.15	415.54	3,132.02	3,050.08	81.94	38.224		
11,300.00	7,258.78	6,981.00	6,675.41	118.97	37.95	-34.96	-2,359.55	411.84	3,230.83	3,149.08	81.75	39.519		
11,400.00	7,259.58	6,981.00	6,675.41	121.67	37.95	-34.96	-2,359.55	411.84	3,328.74	3,246.94	81.79	40.696		
11,500.00	7,260.39	6,981.00	6,675.41	124.38	37.95	-34.96	-2,359.55	411.84	3,426.77	3,344.94	81.83	41.875		
11,600.00	7,261.20	6,981.00	6,675.41	127.09	37.95	-34.96	-2,359.55	411.84	3,524.91	3,443.04	81.87	43.054		
11,700.00	7,262.01	6,981.00	6,675.41	129.81	37.95	-34.96	-2,359.55	411.84	3,623.15	3,541.24	81.91	44.234		
11,800.00	7,262.82	6,981.00	6,675.41	132.53	37.95	-34.96	-2,359.55	411.84	3,721.49	3,639.54	81.95	45.414		
11,900.00	7,263.62	6,981.00	6,675.41	135.26	37.95	-34.96	-2,359.55	411.84	3,819.91	3,737.93	81.98	46.594		
12,000.00	7,264.43	6,981.00	6,675.41	138.00	37.95	-34.96	-2,359.55	411.84	3,918.41	3,836.39	82.02	47.775		
12,100.00	7,265.24	6,981.00	6,675.41	140.74	37.95	-34.96	-2,359.55	411.84	4,016.98	3,934.93	82.06	48.955		
12,200.00	7,266.05	6,981.00	6,675.41	143.49	37.95	-34.96	-2,359.55	411.84	4,115.63	4,033.54	82.09	50.134		
12,300.00	7,266.86	6,981.00	6,675.41	146.24	37.95	-34.96	-2,359.55	411.84	4,214.34	4,132.21	82.13	51.314		
12,400.00	7,267.66	6,981.00	6,675.41	148.99	37.95	-34.96	-2,359.55	411.84	4,313.11	4,230.94	82.17	52.493		
12,500.00	7,268.47	6,981.00	6,675.41	151.75	37.95	-34.96	-2,359.55	411.84	4,411.93	4,329.73	82.20	53.671		
12,600.00	7,269.28	6,981.00	6,675.41	154.51	37.95	-34.96	-2,359.55	411.84	4,510.80	4,428.56	82.24	54.849		
12,700.00	7,270.09	6,981.00	6,675.41	157.27	37.95	-34.96	-2,359.55	411.84	4,609.73	4,527.45	82.28	56.025		
12,800.00	7,270.89	6,981.00	6,675.41	160.04	37.95	-34.96	-2,359.55	411.84	4,708.70	4,626.38	82.32	57.201		
12,900.00	7,271.70	6,981.00	6,675.41	162.81	37.95	-34.96	-2,359.55	411.84	4,807.71	4,725.35	82.36	58.376		
13,000.00	7,272.51	6,981.00	6,675.41	165.58	37.95	-34.96	-2,359.55	411.84	4,906.76	4,824.36	82.40	59.550		
13,100.00	7,273.32	6,981.00	6,675.41	168.36	37.95	-34.96	-2,359.55	411.84	5,005.85	4,923.41	82.44	60.723		
13,200.00	7,274.13	6,981.00	6,675.41	171.14	37.95	-34.96	-2,359.55	411.84	5,104.98	5,022.50	82.48	61.894		
13,300.00	7,274.93	6,981.00	6,675.41	173.92	37.95	-34.96	-2,359.55	411.84	5,204.13	5,121.61	82.52	63.064		
13,400.00	7,275.74	6,981.00	6,675.41	176.71	37.95	-34.96	-2,359.55	411.84	5,303.32	5,220.76	82.56	64.233		
13,500.00	7,276.55	6,981.00	6,675.41	179.49	37.95	-34.96	-2,359.55	411.84	5,402.54	5,319.94	82.61	65.401		
13,555.88	7,277.00	6,981.00	6,675.41	181.05	37.95	-34.96	-2,359.55	411.84	5,458.00	5,375.37	82.63	66.053		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	128.04	-397.82	508.37	645.62					
100.00	100.00	85.72	85.72	3.28	3.29	128.07	-398.14	508.40	645.75	639.18	6.57	98.285		
200.00	200.00	182.03	182.02	3.34	3.30	128.14	-399.28	508.48	646.55	639.90	6.64	97.343		
300.00	299.98	285.08	285.06	3.44	3.36	-17.76	-400.83	508.67	645.97	639.16	6.80	94.928		
400.00	399.84	389.26	389.24	3.59	3.49	-17.97	-400.62	509.05	641.14	634.06	7.08	90.525		
500.00	499.45	491.54	491.51	3.79	3.66	-18.32	-400.12	509.09	632.60	625.14	7.45	84.869		
600.00	598.70	577.79	577.76	4.04	3.84	-18.73	-400.01	509.56	621.41	613.54	7.87	78.941		
700.00	697.47	662.32	662.23	4.32	4.04	-19.42	-399.71	512.76	609.38	601.03	8.36	72.923		
800.00	795.62	746.59	746.28	4.64	4.27	-20.44	-398.85	518.79	596.55	587.64	8.90	67.018		
900.00	893.06	833.12	832.35	5.01	4.52	-21.80	-397.73	527.57	582.98	573.48	9.50	61.339		
1,000.00	989.64	928.29	926.86	5.41	4.82	-23.59	-396.65	538.67	567.99	557.81	10.18	55.819		
1,100.00	1,085.27	1,038.10	1,036.16	5.85	5.18	-25.69	-396.97	549.20	549.40	538.47	10.93	50.276		
1,200.00	1,179.82	1,155.63	1,153.52	6.33	5.59	-28.02	-398.35	555.19	524.91	513.17	11.74	44.698		
1,300.00	1,273.78	1,269.01	1,266.88	6.85	5.99	-30.26	-398.76	556.32	495.62	483.07	12.56	39.474		
1,400.00	1,367.75	1,362.57	1,360.44	7.38	6.31	-32.39	-398.15	556.06	465.40	452.06	13.34	34.886		
1,500.00	1,461.72	1,457.25	1,455.11	7.93	6.66	-34.80	-397.67	555.30	435.47	421.31	14.16	30.752		
1,600.00	1,555.69	1,549.10	1,546.96	8.49	6.99	-37.42	-397.49	554.54	406.43	391.42	15.01	27.076		
1,700.00	1,649.66	1,639.30	1,637.16	9.07	7.33	-40.39	-397.29	554.61	379.17	363.27	15.90	23.846		
1,800.00	1,743.63	1,735.35	1,733.21	9.65	7.71	-44.06	-396.76	554.87	353.24	336.41	16.83	20.984		
1,900.00	1,837.60	1,827.51	1,825.36	10.24	8.07	-48.10	-396.15	555.14	328.90	311.10	17.81	18.472		
2,000.00	1,931.57	1,921.45	1,919.28	10.83	8.44	-53.03	-394.28	555.72	306.73	287.91	18.82	16.295		
2,100.00	2,025.54	2,018.72	2,016.38	11.43	8.83	-59.53	-388.73	555.76	286.79	266.90	19.89	14.417		
2,200.00	2,119.51	2,112.40	2,109.64	12.03	9.20	-67.23	-380.07	554.22	269.97	248.97	21.01	12.851		
2,300.00	2,213.48	2,205.51	2,202.02	12.64	9.58	-76.21	-368.79	551.10	258.42	236.28	22.13	11.676		
2,378.34	2,287.10	2,269.44	2,265.29	13.12	9.84	-82.88	-359.97	548.68	254.97	232.03	22.94	11.113 CC, ES		
2,400.00	2,307.45	2,286.83	2,282.48	13.25	9.91	-84.72	-357.39	548.24	255.24	232.10	23.15	11.028		
2,500.00	2,401.42	2,369.06	2,363.60	13.87	10.25	-93.38	-344.04	546.83	263.07	239.10	23.97	10.975 SF		
2,600.00	2,495.39	2,448.01	2,441.13	14.48	10.58	-101.37	-329.16	546.06	281.22	256.66	24.56	11.449		
2,700.00	2,589.35	2,525.76	2,517.04	15.10	10.90	-108.45	-312.38	546.49	309.17	284.17	25.00	12.368		
2,800.00	2,683.32	2,602.69	2,591.68	15.72	11.22	-114.66	-293.78	546.87	344.67	319.31	25.36	13.592		
2,900.00	2,777.29	2,675.41	2,661.74	16.34	11.53	-119.71	-274.31	547.65	386.68	361.04	25.63	15.085		
3,000.00	2,871.26	2,759.29	2,742.23	16.97	11.90	-124.60	-250.69	548.53	432.89	406.69	26.21	16.517		
3,100.00	2,965.23	2,836.22	2,815.95	17.59	12.24	-128.46	-228.72	548.34	481.51	454.84	26.66	18.059		
3,200.00	3,059.20	2,914.12	2,890.27	18.22	12.59	-131.86	-205.41	547.25	532.88	505.71	27.18	19.607		
3,300.00	3,153.17	2,993.40	2,965.82	18.84	12.95	-134.90	-181.46	545.18	585.83	558.08	27.76	21.106		
3,400.00	3,247.14	3,072.04	3,040.67	19.47	13.31	-137.41	-157.40	543.50	640.23	611.87	28.36	22.574		
3,500.00	3,341.11	3,157.51	3,122.09	20.10	13.71	-139.82	-131.53	540.89	695.21	666.08	29.13	23.867		
3,600.00	3,435.08	3,234.44	3,195.39	20.73	14.07	-141.62	-108.27	539.20	750.82	721.08	29.75	25.240		
3,700.00	3,529.05	3,327.82	3,284.53	21.36	14.51	-143.42	-80.46	538.22	806.54	775.83	30.71	26.263		
3,800.00	3,623.02	3,419.58	3,372.51	21.99	14.95	-144.91	-54.42	537.75	861.40	829.76	31.64	27.226		
3,900.00	3,716.99	3,517.29	3,466.54	22.62	15.42	-146.17	-27.87	538.90	915.40	882.73	32.68	28.014		
4,000.00	3,810.95	3,591.50	3,538.09	23.25	15.77	-147.10	-8.20	538.71	969.18	935.88	33.30	29.101		
4,100.00	3,904.92	3,683.86	3,627.03	23.88	16.21	-148.23	16.66	537.03	1,023.69	989.45	34.24	29.898		
4,200.00	3,998.89	3,758.55	3,699.15	24.52	16.57	-149.11	35.89	534.81	1,077.54	1,042.66	34.89	30.888		
4,300.00	4,092.86	3,818.98	3,757.21	25.15	16.87	-149.76	52.60	533.04	1,133.15	1,097.84	35.31	32.095		
4,400.00	4,186.83	3,884.35	3,819.68	25.78	17.19	-150.34	71.82	532.14	1,190.22	1,154.39	35.82	33.225		
4,500.00	4,280.80	3,950.23	3,882.33	26.42	17.52	-150.81	92.20	532.47	1,248.45	1,212.08	36.36	34.332		
4,600.00	4,374.77	4,026.26	3,954.34	27.05	17.90	-151.27	116.58	533.40	1,307.58	1,270.49	37.09	35.257		
4,700.00	4,468.74	4,136.54	4,059.12	27.68	18.45	-151.85	150.90	535.34	1,365.99	1,327.61	38.38	35.593		
4,800.00	4,562.71	4,248.94	4,166.86	28.32	19.01	-152.45	182.92	536.19	1,422.26	1,382.59	39.66	35.857		
4,900.00	4,656.68	4,350.75	4,264.93	28.95	19.51	-153.00	210.23	536.12	1,477.35	1,436.59	40.76	36.241		
5,000.00	4,750.65	4,419.69	4,331.46	29.59	19.86	-153.38	228.30	535.42	1,532.17	1,490.79	41.38	37.027		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,100.00	4,844.62	4,485.13	4,394.36	30.23	20.18	-153.73	246.31	534.19	1,588.23	1,546.28	41.95	37.864		
5,200.00	4,938.59	4,579.13	4,484.75	30.86	20.65	-154.26	271.88	531.19	1,644.35	1,601.42	42.93	38.303		
5,300.00	5,032.56	4,634.50	4,537.89	31.50	20.93	-154.55	287.35	529.45	1,701.06	1,657.70	43.36	39.233		
5,400.00	5,126.52	4,728.84	4,628.32	32.13	21.41	-155.00	314.14	526.75	1,758.26	1,713.91	44.36	39.640		
5,500.00	5,220.49	4,792.28	4,689.20	32.77	21.73	-155.29	331.83	524.75	1,815.18	1,770.27	44.91	40.419		
5,600.00	5,314.46	4,849.29	4,743.64	33.41	22.02	-155.52	348.69	523.20	1,873.37	1,828.00	45.37	41.288		
5,700.00	5,408.43	4,969.03	4,858.14	34.04	22.63	-155.91	383.68	522.23	1,930.88	1,884.13	46.75	41.300		
5,800.00	5,502.40	5,054.29	4,939.90	34.68	23.07	-156.18	407.85	521.23	1,987.87	1,940.24	47.63	41.736		
5,900.00	5,596.37	5,144.66	5,026.66	35.32	23.53	-156.47	433.08	519.68	2,044.63	1,996.05	48.57	42.093		
6,000.00	5,690.34	5,236.49	5,114.96	35.96	23.99	-156.76	458.21	517.78	2,101.02	2,051.49	49.54	42.414		
6,100.00	5,784.31	5,357.07	5,231.08	36.59	24.60	-157.08	490.70	516.54	2,157.04	2,106.16	50.88	42.397		
6,200.00	5,878.28	5,445.27	5,316.50	37.23	25.04	-157.31	512.66	515.65	2,211.18	2,159.40	51.78	42.702		
6,300.00	5,972.25	5,496.87	5,366.33	37.87	25.30	-157.46	525.99	514.50	2,266.42	2,214.21	52.21	43.409		
6,400.00	6,066.22	5,567.71	5,434.58	38.51	25.66	-157.66	544.84	512.42	2,322.46	2,269.57	52.89	43.909		
6,500.00	6,160.19	5,642.51	5,506.58	39.14	26.04	-157.88	564.97	509.87	2,378.90	2,325.27	53.63	44.360		
6,600.00	6,254.16	5,735.30	5,595.89	39.78	26.52	-158.15	589.85	506.09	2,435.43	2,380.83	54.60	44.607		
6,700.00	6,348.13	5,806.32	5,664.33	40.42	26.88	-158.34	608.60	503.40	2,491.62	2,436.33	55.29	45.068		
6,800.00	6,442.09	5,868.00	5,723.53	41.06	27.19	-158.50	625.79	501.29	2,548.83	2,492.97	55.86	45.632		
6,869.92	6,507.80	5,898.27	5,752.50	41.51	27.35	-158.56	634.52	500.32	2,589.32	2,533.23	56.09	46.167		
6,900.00	6,536.18	5,918.96	5,772.29	41.69	27.46	-167.25	640.54	499.68	2,606.72	2,550.43	56.28	46.313		
6,950.00	6,583.76	5,953.63	5,805.42	41.98	27.64	176.57	650.68	498.65	2,635.15	2,578.54	56.61	46.550		
7,000.00	6,631.58	5,997.33	5,847.16	42.23	27.87	159.21	663.55	497.42	2,662.77	2,605.73	57.04	46.679		
7,050.00	6,679.34	6,043.94	5,891.71	42.44	28.11	142.50	677.22	496.24	2,689.32	2,631.81	57.51	46.762		
7,100.00	6,726.76	7,100.00	5,966.83	42.62	33.57	128.28	699.43	495.06	2,714.04	2,650.74	63.30	42.877		
7,150.00	6,773.53	6,204.91	6,046.31	42.78	28.94	116.98	721.97	494.13	2,737.13	2,677.82	59.31	46.153		
7,200.00	6,819.38	6,250.37	6,090.15	42.91	29.17	107.90	733.98	493.18	2,758.74	2,698.99	59.75	46.170		
7,250.00	6,864.01	6,267.24	6,106.39	43.03	29.26	100.51	738.51	492.76	2,779.15	2,719.30	59.85	46.433		
7,300.00	6,907.16	6,287.68	6,126.05	43.14	29.36	94.66	744.09	492.22	2,798.39	2,738.38	60.01	46.629		
7,350.00	6,948.56	6,307.22	6,144.81	43.24	29.46	89.95	749.55	491.68	2,816.40	2,756.21	60.19	46.795		
7,400.00	6,987.94	6,335.00	6,171.41	43.35	29.61	86.25	757.50	490.86	2,833.15	2,772.66	60.49	46.834		
7,450.00	7,025.08	6,348.07	6,183.90	43.46	29.68	83.03	761.30	490.46	2,848.51	2,787.86	60.65	46.967		
7,500.00	7,059.73	6,374.02	6,208.72	43.57	29.81	80.59	768.87	489.65	2,862.44	2,801.42	61.02	46.911		
7,550.00	7,091.70	6,398.11	6,231.73	43.70	29.94	78.60	775.94	488.86	2,874.89	2,813.47	61.42	46.807		
7,600.00	7,120.77	6,420.19	6,252.82	43.84	30.05	76.98	782.44	488.12	2,885.87	2,824.02	61.86	46.654		
7,650.00	7,146.77	6,493.39	6,322.85	44.00	30.44	76.63	803.66	486.54	2,895.25	2,832.23	63.03	45.936		
7,700.00	7,169.54	7,700.00	6,328.31	44.18	36.72	75.39	805.09	486.85	2,902.76	2,833.43	69.33	41.868		
7,750.00	7,188.94	6,568.09	6,394.65	44.38	30.82	75.61	824.27	486.50	2,908.89	2,844.23	64.66	44.989		
7,800.00	7,204.85	6,590.99	6,416.71	44.61	30.94	75.22	830.41	486.24	2,913.60	2,848.20	65.40	44.549		
7,850.00	7,217.17	6,609.87	6,434.91	44.88	31.03	74.98	835.42	485.90	2,916.97	2,850.80	66.17	44.081		
7,900.00	7,225.83	6,624.29	6,448.82	45.17	31.11	74.87	839.20	485.58	2,919.05	2,852.09	66.96	43.595		
7,950.00	7,230.77	7,950.00	6,430.94	45.50	37.91	74.31	834.27	485.88	2,919.89	2,845.91	73.98	39.468		
7,985.49	7,232.00	7,985.49	6,432.16	45.75	38.09	74.32	834.62	485.87	2,919.73	2,845.05	74.68	39.097		
8,000.00	7,232.12	8,000.00	6,432.34	45.86	38.17	74.32	834.66	485.87	2,919.57	2,844.60	74.97	38.943		
8,024.77	7,232.32	8,024.77	6,432.63	46.06	38.30	74.33	834.75	485.87	2,919.46	2,843.97	75.49	38.674		
8,100.00	7,232.93	8,100.00	6,433.52	46.71	38.68	74.34	835.00	485.86	2,920.43	2,843.36	77.07	37.894		
8,200.00	7,233.74	8,200.00	6,434.71	47.73	39.20	74.37	835.33	485.85	2,924.72	2,845.41	79.31	36.878		
8,300.00	7,234.54	8,300.00	6,435.90	48.94	39.71	74.39	835.66	485.84	2,932.40	2,850.74	81.66	35.909		
8,400.00	7,235.35	8,400.00	6,437.08	50.32	40.22	74.42	836.00	485.83	2,943.47	2,859.37	84.10	35.000		
8,500.00	7,236.16	8,500.00	6,438.27	51.86	40.74	74.44	836.33	485.82	2,957.88	2,871.29	86.60	34.157		
8,600.00	7,236.97	8,600.00	6,439.46	53.54	41.25	74.47	836.66	485.81	2,975.58	2,886.45	89.13	33.385		
8,700.00	7,237.77	8,700.00	6,440.65	55.33	41.77	74.49	836.99	485.80	2,996.52	2,904.84	91.68	32.685		
8,800.00	7,238.58	8,800.00	6,441.83	57.24	42.28	74.51	837.33	485.79	3,020.62	2,926.40	94.22	32.058		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,900.00	7,239.39	6,633.11	6,457.31	59.24	31.15	74.83	841.59	485.39	3,047.70	2,962.01	85.69	35.566		
9,000.00	7,240.20	6,634.54	6,458.69	61.31	31.16	74.86	841.98	485.35	3,077.89	2,990.19	87.69	35.098		
9,100.00	7,241.01	6,635.99	6,460.08	63.46	31.17	74.89	842.37	485.32	3,111.00	3,021.34	89.66	34.699		
9,200.00	7,241.81	6,637.45	6,461.49	65.67	31.18	74.91	842.76	485.29	3,146.94	3,055.37	91.57	34.368		
9,300.00	7,242.62	6,638.92	6,462.90	67.93	31.18	74.94	843.16	485.25	3,185.61	3,092.19	93.42	34.099		
9,400.00	7,243.43	6,640.40	6,464.33	70.25	31.19	74.97	843.56	485.22	3,226.92	3,131.70	95.21	33.892		
9,500.00	7,244.24	6,641.89	6,465.77	72.60	31.20	75.00	843.97	485.18	3,270.76	3,173.82	96.94	33.740		
9,600.00	7,245.04	6,643.40	6,467.22	74.99	31.21	75.03	844.38	485.14	3,317.04	3,218.44	98.60	33.642		
9,700.00	7,245.85	6,644.92	6,468.68	77.42	31.22	75.06	844.80	485.11	3,365.65	3,265.47	100.19	33.594		
9,800.00	7,246.66	6,646.46	6,470.15	79.87	31.22	75.09	845.22	485.07	3,416.50	3,314.80	101.70	33.593		
9,900.00	7,247.47	6,648.00	6,471.64	82.36	31.23	75.12	845.64	485.03	3,469.48	3,366.33	103.15	33.635		
10,000.00	7,248.28	6,649.56	6,473.14	84.87	31.24	75.15	846.07	484.99	3,524.51	3,419.98	104.53	33.718		
10,100.00	7,249.08	6,651.14	6,474.65	87.40	31.25	75.18	846.50	484.95	3,581.48	3,475.64	105.84	33.839		
10,200.00	7,249.89	6,652.73	6,476.18	89.95	31.26	75.21	846.94	484.91	3,640.30	3,533.22	107.08	33.995		
10,300.00	7,250.70	6,654.33	6,477.72	92.52	31.26	75.25	847.38	484.87	3,700.89	3,592.63	108.26	34.184		
10,400.00	7,251.51	6,655.94	6,479.27	95.11	31.27	75.28	847.83	484.83	3,763.16	3,653.78	109.38	34.404		
10,500.00	7,252.31	6,657.57	6,480.83	97.71	31.28	75.31	848.28	484.79	3,827.03	3,716.59	110.44	34.652		
10,600.00	7,253.12	6,659.22	6,482.41	100.33	31.29	75.34	848.74	484.75	3,892.43	3,780.98	111.44	34.927		
10,700.00	7,253.93	6,660.87	6,484.00	102.96	31.30	75.37	849.20	484.71	3,959.26	3,846.87	112.39	35.227		
10,800.00	7,254.74	6,662.55	6,485.61	105.61	31.31	75.41	849.67	484.66	4,027.47	3,914.18	113.29	35.551		
10,900.00	7,255.55	6,664.23	6,487.23	108.26	31.32	75.44	850.14	484.62	4,096.98	3,982.85	114.14	35.896		
11,000.00	7,256.35	6,665.94	6,488.87	110.92	31.32	75.47	850.61	484.58	4,167.73	4,052.80	114.94	36.261		
11,100.00	7,257.16	6,667.66	6,490.51	113.60	31.33	75.51	851.10	484.53	4,239.66	4,123.97	115.69	36.646		
11,200.00	7,257.97	6,669.39	6,492.18	116.28	31.34	75.54	851.58	484.49	4,312.71	4,196.30	116.41	37.048		
11,300.00	7,258.78	6,671.14	6,493.86	118.97	31.35	75.57	852.08	484.44	4,386.82	4,269.73	117.08	37.467		
11,400.00	7,259.58	6,672.91	6,495.55	121.67	31.36	75.61	852.58	484.39	4,461.93	4,344.21	117.72	37.902		
11,500.00	7,260.39	6,674.69	6,497.22	124.38	31.37	75.64	853.08	484.35	4,538.01	4,419.68	118.33	38.351		
11,600.00	7,261.20	6,676.49	6,498.98	127.09	31.38	75.68	853.59	484.30	4,615.00	4,496.10	118.90	38.814		
11,700.00	7,262.01	6,678.30	6,500.72	129.81	31.39	75.72	854.11	484.25	4,692.85	4,573.41	119.44	39.290		
11,800.00	7,262.82	6,680.14	6,502.48	132.53	31.40	75.75	854.63	484.20	4,771.53	4,651.58	119.95	39.778		
11,900.00	7,263.62	6,681.99	6,504.25	135.26	31.41	75.79	855.16	484.15	4,851.00	4,730.56	120.44	40.278		
12,000.00	7,264.43	6,683.85	6,506.04	138.00	31.42	75.82	855.69	484.10	4,931.21	4,810.31	120.90	40.788		
12,100.00	7,265.24	6,685.74	6,507.84	140.74	31.43	75.86	856.23	484.04	5,012.13	4,890.79	121.34	41.308		
12,200.00	7,266.05	6,687.64	6,509.66	143.49	31.44	75.90	856.78	483.99	5,093.72	4,971.97	121.75	41.838		
12,300.00	7,266.86	6,689.56	6,511.50	146.24	31.45	75.94	857.33	483.94	5,175.96	5,053.82	122.14	42.377		
12,400.00	7,267.66	6,691.50	6,513.36	148.99	31.46	75.97	857.89	483.88	5,258.82	5,136.30	122.51	42.924		
12,500.00	7,268.47	6,693.46	6,515.23	151.75	31.47	76.01	858.46	483.83	5,342.26	5,219.39	122.87	43.479		
12,600.00	7,269.28	6,695.43	6,517.12	154.51	31.48	76.05	859.03	483.77	5,426.26	5,303.05	123.21	44.042		
12,700.00	7,270.09	6,709.00	6,530.09	157.27	31.55	76.32	863.00	483.38	5,510.81	5,387.14	123.67	44.561		
12,800.00	7,270.89	6,709.00	6,530.09	160.04	31.55	76.32	863.00	483.38	5,595.85	5,471.90	123.95	45.146		
12,900.00	7,271.70	6,709.00	6,530.09	162.81	31.55	76.32	863.00	483.38	5,681.37	5,557.15	124.22	45.737		
13,000.00	7,272.51	6,709.00	6,530.09	165.58	31.55	76.32	863.00	483.38	5,767.36	5,642.89	124.47	46.334		
13,100.00	7,273.32	6,709.00	6,530.09	168.36	31.55	76.32	863.00	483.38	5,853.79	5,729.08	124.71	46.938		
13,200.00	7,274.13	6,709.00	6,530.09	171.14	31.55	76.32	863.00	483.38	5,940.65	5,815.71	124.94	47.547		
13,300.00	7,274.93	6,709.00	6,530.09	173.92	31.55	76.32	863.00	483.38	6,027.92	5,902.76	125.16	48.161		
13,400.00	7,275.74	6,709.00	6,530.09	176.71	31.55	76.32	863.00	483.38	6,115.58	5,990.21	125.37	48.781		
13,500.00	7,276.55	6,709.00	6,530.09	179.49	31.55	76.32	863.00	483.38	6,203.61	6,078.04	125.57	49.405		
13,555.88	7,277.00	6,709.00	6,530.09	181.05	31.55	76.32	863.00	483.38	6,252.96	6,127.28	125.67	49.756		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	126.62	-377.78	508.37	633.47					
100.00	100.00	94.95	94.94	3.28	3.29	126.56	-376.97	508.42	632.95	626.38	6.57	96.315		
200.00	200.00	201.56	201.51	3.34	3.31	126.34	-374.12	508.59	631.49	624.84	6.65	94.978		
300.00	299.98	297.54	297.43	3.44	3.38	-19.96	-370.56	508.95	627.97	621.16	6.82	92.095		
400.00	399.84	388.25	388.11	3.59	3.49	-20.30	-368.85	509.46	622.42	615.33	7.08	87.874		
500.00	499.45	478.38	478.24	3.79	3.64	-20.55	-369.86	509.72	615.13	607.70	7.43	82.781		
600.00	598.70	575.67	575.50	4.04	3.83	-20.94	-371.59	510.92	605.74	597.87	7.87	76.975		
700.00	697.47	669.27	669.06	4.32	4.06	-21.72	-371.38	513.71	593.46	585.08	8.37	70.864		
800.00	795.62	759.13	758.75	4.64	4.30	-22.90	-369.58	518.87	579.39	570.45	8.93	64.851		
900.00	893.06	847.69	846.89	5.01	4.57	-24.56	-366.05	526.70	563.98	554.43	9.55	59.085		
1,000.00	989.64	941.12	939.65	5.41	4.86	-26.75	-361.43	536.88	547.28	537.06	10.22	53.564		
1,100.00	1,085.27	1,039.57	1,037.50	5.85	5.19	-29.29	-357.47	546.96	528.22	517.28	10.95	48.251		
1,200.00	1,179.82	1,146.32	1,143.81	6.33	5.56	-32.33	-354.08	555.91	505.92	494.17	11.74	43.077		
1,300.00	1,273.78	1,251.61	1,248.91	6.85	5.95	-35.31	-351.24	561.61	480.80	468.23	12.57	38.249		
1,400.00	1,367.75	1,364.51	1,361.77	7.38	6.36	-38.58	-349.16	563.34	453.61	440.19	13.42	33.789		
1,500.00	1,461.72	1,465.88	1,463.10	7.93	6.72	-41.62	-348.57	561.22	424.64	410.37	14.27	29.763		
1,600.00	1,555.69	1,558.22	1,555.39	8.49	7.05	-44.57	-349.15	558.17	395.95	380.83	15.13	26.176		
1,700.00	1,649.66	1,645.54	1,642.69	9.07	7.37	-47.79	-349.60	556.46	369.69	353.66	16.03	23.067		
1,800.00	1,743.63	1,737.28	1,734.42	9.65	7.72	-51.72	-349.66	555.76	346.03	329.06	16.97	20.389		
1,900.00	1,837.60	1,830.14	1,827.29	10.24	8.08	-56.31	-349.07	555.44	324.72	306.76	17.96	18.081		
2,000.00	1,931.57	1,924.93	1,922.05	10.83	8.45	-61.82	-346.98	555.03	305.92	286.93	18.99	16.109		
2,100.00	2,025.54	2,016.02	2,013.05	11.43	8.82	-68.05	-342.99	554.45	290.61	270.56	20.05	14.491		
2,200.00	2,119.51	2,106.12	2,102.94	12.03	9.18	-75.08	-336.97	553.93	280.39	259.27	21.12	13.273		
2,300.00	2,213.48	2,195.16	2,191.59	12.64	9.54	-82.77	-328.61	553.20	276.51	254.35	22.16	12.480		
2,305.25	2,218.41	2,199.80	2,196.20	12.67	9.56	-83.19	-328.12	553.15	276.50	254.29	22.21	12.450 CC, ES		
2,400.00	2,307.45	2,279.13	2,274.95	13.25	9.89	-90.38	-318.60	552.56	280.38	257.31	23.07	12.154 SF		
2,500.00	2,401.42	2,364.04	2,358.94	13.87	10.24	-98.03	-306.17	552.34	292.98	269.13	23.86	12.280		
2,600.00	2,495.39	2,448.29	2,442.07	14.48	10.59	-105.17	-292.52	552.08	313.05	288.52	24.53	12.761		
2,700.00	2,589.35	2,530.28	2,522.71	15.10	10.93	-111.53	-277.65	551.66	340.00	314.91	25.10	13.547		
2,800.00	2,683.32	2,606.03	2,596.85	15.72	11.24	-116.85	-262.15	550.94	373.27	347.76	25.51	14.632		
2,900.00	2,777.29	2,675.00	2,663.73	16.34	11.54	-121.10	-245.33	551.18	413.71	387.94	25.77	16.052		
3,000.00	2,871.26	2,736.06	2,722.25	16.97	11.80	-124.38	-227.95	552.11	460.56	434.69	25.87	17.803		
3,100.00	2,965.23	2,795.61	2,778.57	17.59	12.06	-127.21	-208.65	553.28	512.89	486.93	25.95	19.761		
3,200.00	3,059.20	2,850.57	2,829.72	18.22	12.31	-129.56	-188.58	554.07	570.08	544.11	25.97	21.953		
3,300.00	3,153.17	2,909.47	2,883.72	18.84	12.58	-131.82	-165.06	554.66	631.18	605.05	26.13	24.152		
3,400.00	3,247.14	2,976.01	2,944.10	19.47	12.89	-134.04	-137.11	555.22	694.87	668.33	26.54	26.181		
3,500.00	3,341.11	3,069.34	3,029.27	20.10	13.34	-136.79	-98.96	554.36	758.35	730.75	27.60	27.481		
3,600.00	3,435.08	3,158.29	3,111.27	20.73	13.77	-139.03	-64.55	552.68	820.63	792.09	28.54	28.758		
3,700.00	3,529.05	3,228.03	3,175.64	21.36	14.12	-140.56	-37.76	551.12	883.22	854.14	29.08	30.371		
3,800.00	3,623.02	3,341.64	3,281.15	21.99	14.68	-142.69	4.25	548.57	945.14	914.63	30.51	30.982		
3,900.00	3,716.99	3,440.93	3,374.49	22.62	15.18	-144.26	38.06	546.50	1,004.93	973.31	31.62	31.785		
4,000.00	3,810.95	3,548.48	3,476.49	23.25	15.72	-145.68	72.11	545.22	1,062.89	1,030.04	32.85	32.356		
4,100.00	3,904.92	3,634.88	3,558.87	23.88	16.15	-146.51	98.07	547.26	1,119.44	1,085.72	33.73	33.191		
4,200.00	3,998.89	3,693.99	3,614.95	24.52	16.44	-146.96	116.58	549.63	1,177.10	1,142.94	34.16	34.456		
4,300.00	4,092.86	3,748.66	3,666.49	25.15	16.72	-147.35	134.72	551.78	1,236.43	1,201.90	34.53	35.805		
4,400.00	4,186.83	3,797.00	3,711.75	25.78	16.97	-147.70	151.62	553.05	1,297.52	1,262.72	34.80	37.289		
4,500.00	4,280.80	3,844.14	3,755.54	26.42	17.22	-148.05	169.06	553.64	1,360.48	1,325.44	35.05	38.821		
4,600.00	4,374.77	3,889.00	3,796.79	27.05	17.45	-148.40	186.69	553.53	1,425.41	1,390.15	35.26	40.426		
4,700.00	4,468.74	3,928.67	3,832.93	27.68	17.67	-148.71	203.03	552.91	1,492.10	1,456.71	35.39	42.161		
4,800.00	4,562.71	3,981.00	3,880.13	28.32	17.96	-149.12	225.58	551.35	1,560.46	1,524.70	35.76	43.640		
4,900.00	4,656.68	4,007.24	3,903.56	28.95	18.10	-149.33	237.33	550.29	1,630.22	1,594.55	35.66	45.711		
5,000.00	4,750.65	4,042.16	3,934.47	29.59	18.30	-149.61	253.49	548.63	1,701.58	1,665.85	35.74	47.613		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,100.00	4,844.62	4,074.00	3,962.36	30.23	18.48	-149.85	268.75	546.89	1,774.40	1,738.63	35.77	49.611		
5,200.00	4,938.59	4,120.26	4,002.53	30.86	18.75	-150.20	291.54	544.15	1,848.33	1,812.26	36.08	51.232		
5,300.00	5,032.56	4,167.00	4,042.81	31.50	19.02	-150.53	315.07	541.28	1,923.14	1,886.73	36.41	52.820		
5,400.00	5,126.52	4,683.28	4,512.75	32.13	21.94	-153.34	524.02	519.01	1,989.70	1,945.46	44.24	44.976		
5,500.00	5,220.49	4,794.14	4,618.67	32.77	22.52	-153.82	556.62	516.32	2,047.41	2,001.95	45.45	45.043		
5,600.00	5,314.46	4,878.67	4,699.59	33.41	22.97	-154.17	580.98	514.12	2,104.78	2,058.46	46.32	45.439		
5,700.00	5,408.43	4,961.10	4,778.50	34.04	23.40	-154.48	604.73	512.24	2,162.15	2,114.99	47.16	45.844		
5,800.00	5,502.40	5,041.29	4,855.26	34.68	23.82	-154.76	627.88	510.76	2,219.53	2,171.55	47.98	46.261		
5,900.00	5,596.37	5,110.00	4,920.95	35.32	24.18	-154.95	648.04	510.43	2,277.11	2,228.46	48.65	46.804		
6,000.00	5,690.34	5,149.07	4,958.13	35.96	24.39	-155.05	660.04	510.64	2,335.72	2,286.77	48.95	47.719		
6,100.00	5,784.31	5,204.00	5,009.91	36.59	24.68	-155.15	678.34	511.28	2,396.08	2,346.64	49.45	48.456		
6,200.00	5,878.28	5,222.92	5,027.63	37.23	24.79	-155.19	684.98	511.57	2,457.52	2,408.06	49.46	49.687		
6,300.00	5,972.25	5,268.12	5,069.80	37.87	25.04	-155.26	701.23	512.23	2,520.25	2,470.42	49.83	50.577		
6,400.00	6,066.22	5,320.50	5,118.41	38.51	25.33	-155.33	720.71	512.97	2,583.96	2,533.66	50.30	51.369		
6,500.00	6,160.19	5,360.00	5,226.62	39.14	31.93	-155.50	763.88	514.64	2,647.70	2,590.48	57.22	46.271		
6,600.00	6,254.16	5,366.48	5,347.93	39.78	26.70	-155.69	809.05	516.18	2,709.52	2,656.31	53.21	50.926		
6,700.00	6,348.13	5,695.67	5,469.73	40.42	27.41	-155.87	852.05	518.43	2,769.98	2,715.28	54.70	50.641		
6,800.00	6,442.09	5,767.80	5,537.90	41.06	27.80	-155.97	875.60	519.57	2,830.01	2,774.56	55.44	51.044		
6,869.92	6,507.80	5,794.65	5,563.23	41.51	27.95	-156.01	884.50	519.84	2,872.35	2,816.69	55.66	51.606		
6,900.00	6,536.18	5,806.46	5,574.34	41.69	28.01	-164.84	888.49	519.93	2,890.65	2,834.90	55.75	51.847		
6,950.00	6,583.76	5,826.08	5,592.77	41.98	28.12	178.67	895.22	520.06	2,920.84	2,864.94	55.90	52.254		
7,000.00	6,631.58	5,861.00	5,625.46	42.23	28.31	160.94	907.50	520.20	2,950.67	2,894.44	56.23	52.473		
7,050.00	6,679.34	5,869.49	5,633.39	42.44	28.36	143.65	910.53	520.22	2,979.73	2,923.52	56.21	53.013		
7,100.00	6,726.76	5,911.66	5,672.80	42.62	28.60	128.74	925.53	520.18	3,007.91	2,951.28	56.63	53.115		
7,150.00	6,773.53	5,953.48	5,711.92	42.78	28.83	116.61	940.33	519.94	3,034.90	2,977.85	57.05	53.199		
7,200.00	6,819.38	5,980.39	5,737.08	42.91	28.99	106.86	949.86	519.70	3,060.67	3,003.39	57.27	53.438		
7,250.00	6,864.01	6,005.57	5,760.59	43.03	29.13	99.12	958.88	519.47	3,085.23	3,027.74	57.49	53.665		
7,300.00	6,907.16	6,029.81	5,783.19	43.14	29.26	92.91	967.63	519.22	3,108.49	3,050.78	57.71	53.864		
7,350.00	6,948.56	6,055.15	5,806.78	43.24	29.41	87.92	976.87	518.94	3,130.37	3,072.40	57.97	54.001		
7,400.00	6,987.94	6,089.39	5,838.66	43.35	29.60	83.98	989.37	518.46	3,150.71	3,092.33	58.38	53.972		
7,450.00	7,025.08	6,122.07	5,869.10	43.46	29.79	80.77	1,001.25	517.87	3,169.42	3,110.61	58.80	53.900		
7,500.00	7,059.73	6,216.14	5,957.01	43.57	30.32	79.10	1,034.64	515.79	3,186.37	3,126.30	60.08	53.038		
7,550.00	7,091.70	6,259.54	5,997.83	43.70	30.56	77.19	1,049.37	514.83	3,201.07	3,140.33	60.73	52.707		
7,600.00	7,120.77	6,281.87	6,018.83	43.84	30.69	75.39	1,056.92	514.17	3,214.16	3,152.98	61.18	52.539		
7,650.00	7,146.77	6,302.40	6,038.14	44.00	30.80	73.92	1,063.86	513.43	3,225.63	3,163.97	61.66	52.312		
7,700.00	7,169.54	6,320.99	6,055.62	44.18	30.90	72.74	1,070.15	512.67	3,235.49	3,173.29	62.19	52.024		
7,750.00	7,188.94	6,332.00	6,065.97	44.38	30.97	71.72	1,073.87	512.17	3,243.72	3,181.02	62.70	51.734		
7,800.00	7,204.85	6,332.00	6,065.97	44.61	30.97	70.77	1,073.87	512.17	3,250.38	3,187.24	63.14	51.478		
7,850.00	7,217.17	6,332.00	6,065.97	44.88	30.97	70.06	1,073.87	512.17	3,255.47	3,191.81	63.66	51.141		
7,900.00	7,225.83	6,332.00	6,065.97	45.17	30.97	69.57	1,073.87	512.17	3,258.95	3,194.71	64.24	50.729		
7,950.00	7,230.77	6,355.30	6,087.83	45.50	31.10	69.72	1,081.84	511.11	3,260.63	3,195.44	65.20	50.012		
7,985.49	7,232.00	6,356.47	6,088.93	45.75	31.10	69.68	1,082.24	511.06	3,260.95	3,195.24	65.71	49.626		
7,993.87	7,232.07	6,356.66	6,089.11	45.81	31.11	69.69	1,082.31	511.05	3,260.94	3,195.10	65.84	49.532		
8,000.00	7,232.12	6,356.79	6,089.23	45.86	31.11	69.69	1,082.36	511.04	3,260.94	3,195.02	65.93	49.463		
8,100.00	7,232.93	6,359.03	6,091.33	46.71	31.12	69.73	1,083.13	510.94	3,262.66	3,195.15	67.51	48.329		
8,200.00	7,233.74	6,361.25	6,093.41	47.73	31.13	69.77	1,083.90	510.84	3,267.44	3,198.20	69.24	47.193		
8,300.00	7,234.54	6,363.45	6,095.47	48.94	31.14	69.81	1,084.67	510.75	3,275.26	3,204.18	71.08	46.080		
8,400.00	7,235.35	6,365.63	6,097.51	50.32	31.16	69.85	1,085.43	510.65	3,286.10	3,213.09	73.01	45.010		
8,500.00	7,236.16	6,367.79	6,099.53	51.86	31.17	69.88	1,086.18	510.56	3,299.94	3,224.93	75.01	43.996		
8,600.00	7,236.97	6,369.93	6,101.54	53.54	31.18	69.92	1,086.93	510.47	3,316.73	3,239.69	77.05	43.048		
8,700.00	7,237.77	6,372.05	6,103.52	55.33	31.19	69.96	1,087.68	510.37	3,336.44	3,257.32	79.12	42.172		
8,800.00	7,238.58	6,374.16	6,105.49	57.24	31.21	69.99	1,088.42	510.28	3,359.00	3,277.81	81.19	41.371		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,900.00	7,239.39	6,376.24	6,107.44	59.24	31.22	70.03	1,089.15	510.19	3,384.37	3,301.10	83.27	40.646		
9,000.00	7,240.20	6,378.31	6,109.37	61.31	31.23	70.07	1,089.88	510.11	3,412.47	3,327.15	85.32	39.996		
9,100.00	7,241.01	6,380.36	6,111.28	63.46	31.24	70.10	1,090.61	510.02	3,443.25	3,355.90	87.35	39.420		
9,200.00	7,241.81	6,382.39	6,113.18	65.67	31.25	70.14	1,091.33	509.93	3,476.63	3,387.29	89.34	38.914		
9,300.00	7,242.62	6,384.40	6,115.06	67.93	31.26	70.17	1,092.04	509.85	3,512.54	3,421.25	91.29	38.477		
9,400.00	7,243.43	6,386.40	6,116.93	70.25	31.27	70.21	1,092.75	509.77	3,550.90	3,457.71	93.19	38.104		
9,500.00	7,244.24	6,388.38	6,118.77	72.60	31.29	70.24	1,093.46	509.68	3,591.64	3,496.60	95.04	37.792		
9,600.00	7,245.04	6,390.34	6,120.61	74.99	31.30	70.28	1,094.16	509.60	3,634.66	3,537.84	96.83	37.538		
9,700.00	7,245.85	6,392.29	6,122.42	77.42	31.31	70.31	1,094.85	509.52	3,679.90	3,581.35	98.56	37.338		
9,800.00	7,246.66	6,394.22	6,124.22	79.87	31.32	70.35	1,095.54	509.44	3,727.27	3,627.05	100.23	37.189		
9,900.00	7,247.47	6,396.13	6,126.01	82.36	31.33	70.38	1,096.23	509.36	3,776.70	3,674.86	101.83	37.087		
10,000.00	7,248.28	6,398.03	6,127.77	84.87	31.34	70.41	1,096.91	509.29	3,828.09	3,724.71	103.38	37.030		
10,100.00	7,249.08	6,399.91	6,129.53	87.40	31.35	70.45	1,097.59	509.21	3,881.38	3,776.52	104.86	37.015		
10,200.00	7,249.89	6,401.78	6,131.27	89.95	31.36	70.48	1,098.26	509.13	3,936.49	3,830.21	106.28	37.039		
10,300.00	7,250.70	6,403.63	6,132.99	92.52	31.37	70.51	1,098.93	509.06	3,993.34	3,885.70	107.64	37.099		
10,400.00	7,251.51	6,405.46	6,134.70	95.11	31.38	70.54	1,099.60	508.99	4,051.86	3,942.92	108.94	37.193		
10,500.00	7,252.31	6,407.28	6,136.40	97.71	31.39	70.58	1,100.26	508.91	4,111.97	4,001.79	110.18	37.319		
10,600.00	7,253.12	6,433.00	6,160.30	100.33	31.54	71.03	1,109.69	507.92	4,173.78	4,062.08	111.70	37.366		
10,700.00	7,253.93	6,433.00	6,160.30	102.96	31.54	71.03	1,109.69	507.92	4,236.86	4,124.05	112.81	37.558		
10,800.00	7,254.74	6,433.00	6,160.30	105.61	31.54	71.03	1,109.69	507.92	4,301.34	4,187.48	113.86	37.776		
10,900.00	7,255.55	6,433.00	6,160.30	108.26	31.54	71.03	1,109.69	507.92	4,367.16	4,252.29	114.87	38.019		
11,000.00	7,256.35	6,433.00	6,160.30	110.92	31.54	71.03	1,109.69	507.92	4,434.26	4,318.43	115.83	38.284		
11,100.00	7,257.16	6,433.00	6,160.30	113.60	31.54	71.03	1,109.69	507.92	4,502.58	4,385.84	116.74	38.571		
11,200.00	7,257.97	6,433.00	6,160.30	116.28	31.54	71.03	1,109.69	507.92	4,572.06	4,454.46	117.60	38.877		
11,300.00	7,258.78	6,433.00	6,160.30	118.97	31.54	71.03	1,109.69	507.92	4,642.66	4,524.23	118.43	39.203		
11,400.00	7,259.58	6,433.00	6,160.30	121.67	31.54	71.03	1,109.69	507.92	4,714.32	4,595.11	119.21	39.547		
11,500.00	7,260.39	6,433.00	6,160.30	124.38	31.54	71.03	1,109.69	507.92	4,787.00	4,667.05	119.95	39.907		
11,600.00	7,261.20	6,433.00	6,160.30	127.09	31.54	71.03	1,109.69	507.92	4,860.65	4,739.99	120.66	40.283		
11,700.00	7,262.01	6,433.00	6,160.30	129.81	31.54	71.03	1,109.69	507.92	4,935.23	4,813.89	121.34	40.674		
11,800.00	7,262.82	6,433.00	6,160.30	132.53	31.54	71.03	1,109.69	507.92	5,010.69	4,888.72	121.98	41.079		
11,900.00	7,263.62	6,433.00	6,160.30	135.26	31.54	71.03	1,109.69	507.92	5,087.00	4,964.42	122.59	41.497		
12,000.00	7,264.43	6,433.00	6,160.30	138.00	31.54	71.03	1,109.69	507.92	5,164.12	5,040.95	123.17	41.928		
12,100.00	7,265.24	6,433.00	6,160.30	140.74	31.54	71.03	1,109.69	507.92	5,242.01	5,118.29	123.72	42.371		
12,200.00	7,266.05	6,433.00	6,160.30	143.49	31.54	71.03	1,109.69	507.92	5,320.64	5,196.40	124.24	42.824		
12,300.00	7,266.86	6,433.00	6,160.30	146.24	31.54	71.03	1,109.69	507.92	5,399.98	5,275.24	124.74	43.289		
12,400.00	7,267.66	6,433.00	6,160.30	148.99	31.54	71.03	1,109.69	507.92	5,480.00	5,354.78	125.22	43.763		
12,500.00	7,268.47	6,433.00	6,160.30	151.75	31.54	71.03	1,109.69	507.92	5,560.66	5,434.98	125.67	44.247		
12,600.00	7,269.28	6,433.00	6,160.30	154.51	31.54	71.03	1,109.69	507.92	5,641.94	5,515.83	126.11	44.740		
12,700.00	7,270.09	6,433.00	6,160.30	157.27	31.54	71.03	1,109.69	507.92	5,723.81	5,597.29	126.52	45.241		
12,800.00	7,270.89	6,433.00	6,160.30	160.04	31.54	71.03	1,109.69	507.92	5,806.25	5,679.34	126.91	45.750		
12,900.00	7,271.70	6,433.00	6,160.30	162.81	31.54	71.03	1,109.69	507.92	5,889.24	5,761.95	127.29	46.267		
13,000.00	7,272.51	6,433.00	6,160.30	165.58	31.54	71.03	1,109.69	507.92	5,972.74	5,845.10	127.64	46.792		
13,100.00	7,273.32	6,433.00	6,160.30	168.36	31.54	71.03	1,109.69	507.92	6,056.75	5,928.76	127.99	47.323		
13,200.00	7,274.13	6,455.14	6,180.83	171.14	31.67	71.41	1,117.96	507.12	6,141.15	6,012.51	128.63	47.742		
13,300.00	7,274.93	6,456.89	6,182.44	173.92	31.68	71.45	1,118.61	507.05	6,226.08	6,097.11	128.97	48.275		
13,400.00	7,275.74	6,458.62	6,184.04	176.71	31.69	71.48	1,119.26	506.99	6,311.45	6,182.16	129.29	48.815		
13,500.00	7,276.55	6,460.33	6,185.63	179.49	31.70	71.51	1,119.91	506.93	6,397.25	6,267.64	129.60	49.360		
13,555.88	7,277.00	6,461.28	6,186.51	181.05	31.70	71.52	1,120.27	506.90	6,445.37	6,315.60	129.77	49.667		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	0.42	75.04	0.56	75.05					
100.00	100.00	100.00	100.00	3.28	3.28	0.42	75.04	0.56	75.05	68.48	6.57	11.423		
200.00	200.00	200.00	200.00	3.34	3.34	0.42	75.04	0.56	75.05	68.37	6.67	11.244 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	-146.24	75.04	0.56	76.49	69.60	6.89	11.109		
400.00	399.84	401.54	401.51	3.59	3.60	-147.28	74.01	2.03	79.83	72.64	7.19	11.096		
500.00	499.45	503.18	503.01	3.79	3.80	-147.53	70.91	6.46	84.02	76.42	7.60	11.058		
600.00	598.70	604.88	604.30	4.04	4.04	-147.11	65.75	13.83	89.04	80.95	8.09	11.008		
700.00	697.47	706.61	705.24	4.32	4.32	-146.13	58.52	24.15	94.90	86.24	8.65	10.965		
800.00	795.62	808.34	805.68	4.64	4.63	-144.71	49.24	37.40	101.63	92.34	9.29	10.941		
900.00	893.06	910.06	905.46	5.01	4.99	-142.96	37.93	53.56	109.30	99.31	9.99	10.946		
1,000.00	989.64	1,011.48	1,004.19	5.41	5.37	-141.00	24.64	72.54	117.95	107.21	10.74	10.981		
1,100.00	1,085.27	1,110.87	1,100.63	5.85	5.78	-139.77	10.85	92.23	128.67	117.14	11.54	11.151		
1,200.00	1,179.82	1,209.96	1,196.78	6.33	6.21	-139.61	-2.90	111.87	142.07	129.68	12.38	11.472		
1,300.00	1,273.78	1,308.87	1,292.75	6.85	6.65	-140.03	-16.63	131.47	156.78	143.52	13.26	11.821		
1,400.00	1,367.75	1,407.77	1,388.72	7.38	7.11	-140.38	-30.35	151.07	171.50	157.34	14.17	12.107		
1,500.00	1,461.72	1,506.68	1,484.68	7.93	7.58	-140.68	-44.07	170.67	186.23	171.14	15.09	12.340		
1,600.00	1,555.69	1,605.59	1,580.65	8.49	8.05	-140.93	-57.80	190.27	200.96	184.92	16.04	12.531		
1,700.00	1,649.66	1,704.49	1,676.62	9.07	8.54	-141.15	-71.52	209.87	215.69	198.70	17.00	12.690		
1,800.00	1,743.63	1,803.40	1,772.59	9.65	9.03	-141.34	-85.25	229.47	230.43	212.46	17.97	12.822		
1,900.00	1,837.60	1,902.30	1,868.55	10.24	9.52	-141.51	-98.97	249.07	245.17	226.22	18.96	12.934		
2,000.00	1,931.57	2,001.21	1,964.52	10.83	10.02	-141.65	-112.69	268.67	259.91	239.96	19.95	13.028		
2,100.00	2,025.54	2,100.11	2,060.49	11.43	10.53	-141.79	-126.42	288.27	274.65	253.70	20.95	13.109		
2,200.00	2,119.51	2,199.02	2,156.46	12.03	11.03	-141.91	-140.14	307.87	289.40	267.44	21.96	13.178		
2,300.00	2,213.48	2,302.08	2,252.42	12.64	11.57	-142.01	-153.87	327.47	304.14	281.15	23.00	13.226		
2,400.00	2,307.45	2,403.17	2,348.39	13.25	12.09	-142.11	-167.59	347.07	318.89	294.86	24.03	13.272		
2,500.00	2,401.42	2,504.27	2,444.36	13.87	12.62	-142.20	-181.32	366.67	333.63	308.57	25.06	13.312		
2,600.00	2,495.39	2,594.64	2,540.33	14.48	13.09	-142.28	-195.04	386.27	348.38	322.33	26.05	13.374		
2,700.00	2,589.35	2,706.45	2,636.30	15.10	13.68	-142.36	-208.76	405.87	363.13	335.98	27.15	13.376		
2,800.00	2,683.32	2,807.55	2,732.26	15.72	14.21	-142.42	-222.49	425.47	377.88	349.68	28.19	13.403		
2,900.00	2,777.29	2,891.36	2,828.23	16.34	14.65	-142.49	-236.21	445.07	392.63	363.47	29.16	13.466		
3,000.00	2,871.26	3,009.74	2,924.20	16.97	15.28	-142.55	-249.94	464.67	407.38	377.08	30.30	13.446		
3,100.00	2,965.23	3,089.17	3,020.17	17.59	15.70	-142.60	-263.66	484.28	422.13	390.88	31.24	13.512		
3,200.00	3,059.20	3,188.07	3,116.13	18.22	16.22	-142.65	-277.38	503.88	436.88	404.59	32.29	13.531		
3,300.00	3,153.17	3,286.98	3,212.10	18.84	16.75	-142.70	-291.11	523.48	451.63	418.29	33.33	13.548		
3,400.00	3,247.14	3,385.88	3,308.07	19.47	17.27	-142.75	-304.83	543.08	466.38	431.99	34.38	13.564		
3,500.00	3,341.11	3,484.79	3,404.04	20.10	17.80	-142.79	-318.56	562.68	481.13	445.69	35.43	13.578		
3,600.00	3,435.08	3,583.69	3,500.00	20.73	18.33	-142.83	-332.28	582.28	495.88	459.39	36.49	13.590		
3,700.00	3,529.05	3,682.60	3,595.97	21.36	18.86	-142.86	-346.01	601.88	510.63	473.09	37.54	13.602		
3,800.00	3,623.02	3,781.51	3,691.94	21.99	19.39	-142.90	-359.73	621.48	525.38	486.79	38.60	13.613		
3,900.00	3,716.99	3,880.41	3,787.91	22.62	19.92	-142.93	-373.45	641.08	540.13	500.48	39.65	13.622		
4,000.00	3,810.95	3,979.32	3,883.87	23.25	20.45	-142.96	-387.18	660.68	554.89	514.18	40.71	13.631		
4,100.00	3,904.92	4,078.22	3,979.84	23.88	20.98	-142.99	-400.90	680.28	569.64	527.87	41.77	13.639		
4,200.00	3,998.89	4,177.13	4,075.81	24.52	21.51	-143.02	-414.63	699.88	584.39	541.57	42.82	13.646		
4,300.00	4,092.86	4,276.03	4,171.78	25.15	22.04	-143.05	-428.35	719.48	599.14	555.26	43.88	13.653		
4,400.00	4,186.83	4,374.94	4,267.74	25.78	22.57	-143.08	-442.08	739.08	613.90	568.95	44.94	13.659		
4,500.00	4,280.80	4,473.84	4,363.71	26.42	23.10	-143.10	-455.80	758.68	628.65	582.64	46.01	13.665		
4,600.00	4,374.77	4,572.75	4,459.68	27.05	23.64	-143.12	-469.52	778.28	643.40	596.33	47.07	13.670		
4,700.00	4,468.74	4,671.65	4,555.65	27.68	24.17	-143.15	-483.25	797.88	658.15	610.02	48.13	13.675		
4,800.00	4,562.71	4,770.56	4,651.61	28.32	24.70	-143.17	-496.97	817.48	672.91	623.71	49.19	13.679		
4,900.00	4,656.68	4,869.47	4,747.58	28.95	25.24	-143.19	-510.70	837.08	687.66	637.40	50.26	13.683		
5,000.00	4,750.65	4,968.37	4,843.55	29.59	25.77	-143.21	-524.42	856.68	702.41	651.09	51.32	13.687		
5,100.00	4,844.62	5,067.28	4,939.52	30.23	26.30	-143.23	-538.14	876.28	717.17	664.78	52.38	13.691		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	5,166.18	5,035.48	30.86	26.84	-143.24	-551.87	895.88	731.92	678.47	53.45	13.694		
5,300.00	5,032.56	5,265.09	5,131.45	31.50	27.37	-143.26	-565.59	915.48	746.67	692.16	54.51	13.697		
5,400.00	5,126.52	5,363.99	5,227.42	32.13	27.91	-143.28	-579.32	935.08	761.43	705.85	55.58	13.700		
5,500.00	5,220.49	5,462.90	5,323.39	32.77	28.44	-143.29	-593.04	954.68	776.18	719.53	56.65	13.702		
5,600.00	5,314.46	5,561.80	5,419.35	33.41	28.98	-143.31	-606.77	974.28	790.93	733.22	57.71	13.705		
5,700.00	5,408.43	5,660.71	5,515.32	34.04	29.51	-143.32	-620.49	993.88	805.69	746.91	58.78	13.707		
5,800.00	5,502.40	5,759.61	5,611.29	34.68	30.05	-143.34	-634.21	1,013.48	820.44	760.59	59.85	13.709		
5,900.00	5,596.37	5,858.52	5,707.26	35.32	30.58	-143.35	-647.94	1,033.08	835.19	774.28	60.91	13.711		
6,000.00	5,690.34	5,957.43	5,803.22	35.96	31.12	-143.37	-661.66	1,052.68	849.95	787.97	61.98	13.713		
6,100.00	5,784.31	6,056.33	5,899.19	36.59	31.65	-143.38	-675.39	1,072.28	864.70	801.65	63.05	13.715		
6,200.00	5,878.28	6,155.24	5,995.16	37.23	32.19	-143.39	-689.11	1,091.88	879.46	815.34	64.12	13.716		
6,300.00	5,972.25	6,254.14	6,091.13	37.87	32.72	-143.40	-702.83	1,111.48	894.21	829.02	65.19	13.718		
6,400.00	6,066.22	6,353.05	6,187.09	38.51	33.26	-143.41	-716.56	1,131.08	908.96	842.71	66.25	13.719		
6,500.00	6,160.19	6,451.95	6,283.06	39.14	33.80	-143.43	-730.28	1,150.68	923.72	856.39	67.32	13.721		
6,600.00	6,254.16	6,550.86	6,379.03	39.78	34.33	-143.44	-744.01	1,170.28	938.47	870.08	68.39	13.722		
6,700.00	6,348.13	6,649.76	6,475.00	40.42	34.87	-143.45	-757.73	1,189.88	953.22	883.76	69.46	13.723		
6,800.00	6,442.09	6,755.06	6,578.29	41.06	35.38	-143.92	-772.54	1,203.03	967.66	897.20	70.46	13.734		
6,869.92	6,507.80	6,826.26	6,648.72	41.51	35.64	-144.81	-782.69	1,202.10	977.51	906.53	70.97	13.773		
6,900.00	6,536.18	6,855.93	6,677.96	41.69	35.74	-152.44	-786.91	1,199.37	981.81	910.64	71.16	13.796		
6,950.00	6,583.76	6,904.46	6,725.41	41.98	35.89	-167.03	-793.78	1,191.94	989.16	917.71	71.46	13.843		
7,000.00	6,631.58	6,952.07	6,771.29	42.23	36.04	-176.93	-800.43	1,181.13	996.74	925.01	71.73	13.897		
7,050.00	6,679.34	6,998.84	6,815.45	42.44	36.18	-161.27	-806.86	1,167.17	1,004.47	932.49	71.98	13.954		
7,100.00	6,726.76	7,044.84	6,857.77	42.62	36.32	-147.58	-813.03	1,150.27	1,012.31	940.07	72.24	14.014		
7,150.00	6,773.53	7,090.13	6,898.16	42.78	36.47	-136.43	-818.94	1,130.66	1,020.18	947.68	72.50	14.072		
7,200.00	6,819.38	7,134.77	6,936.52	42.91	36.63	-127.60	-824.57	1,108.54	1,028.02	955.26	72.77	14.128		
7,250.00	6,864.01	7,178.84	6,972.78	43.03	36.79	-120.60	-829.91	1,084.10	1,035.78	962.73	73.05	14.179		
7,300.00	6,907.16	7,222.38	7,006.88	43.14	36.97	-115.00	-834.95	1,057.52	1,043.38	970.02	73.36	14.223		
7,350.00	6,948.56	7,265.44	7,038.76	43.24	37.16	-110.44	-839.67	1,028.97	1,050.77	977.07	73.70	14.258		
7,400.00	6,987.94	7,308.07	7,068.36	43.35	37.37	-106.68	-844.08	998.62	1,057.88	983.82	74.07	14.283		
7,450.00	7,025.08	7,350.33	7,095.65	43.46	37.59	-103.53	-848.16	966.63	1,064.67	990.19	74.48	14.295		
7,500.00	7,059.73	7,392.24	7,120.59	43.57	37.84	-100.87	-851.91	933.17	1,071.08	996.13	74.95	14.291		
7,550.00	7,091.70	7,433.84	7,143.14	43.70	38.10	-98.63	-855.33	898.37	1,077.05	1,001.58	75.48	14.270		
7,600.00	7,120.77	7,475.18	7,163.26	43.84	38.39	-96.72	-858.39	862.40	1,082.56	1,006.48	76.07	14.230		
7,650.00	7,146.77	7,516.28	7,180.94	44.00	38.71	-95.11	-861.12	825.40	1,087.54	1,010.80	76.74	14.171		
7,700.00	7,169.54	7,557.18	7,196.14	44.18	39.04	-93.76	-863.49	787.52	1,091.97	1,014.48	77.49	14.092		
7,750.00	7,188.94	7,597.90	7,208.86	44.38	39.41	-92.65	-865.50	748.89	1,095.81	1,017.49	78.32	13.991		
7,800.00	7,204.85	7,638.48	7,219.07	44.61	39.80	-91.76	-867.16	709.67	1,099.03	1,019.80	79.24	13.870		
7,850.00	7,217.17	7,678.93	7,226.78	44.88	40.21	-91.07	-868.46	669.98	1,101.62	1,021.39	80.23	13.730		
7,900.00	7,225.83	7,719.29	7,231.96	45.17	40.63	-90.57	-869.40	629.98	1,103.54	1,022.24	81.30	13.574		
7,950.00	7,230.77	7,759.57	7,234.62	45.50	41.08	-90.26	-869.97	589.79	1,104.79	1,022.36	82.43	13.402		
7,985.49	7,232.00	7,789.97	7,235.02	45.75	41.43	-90.16	-870.17	559.40	1,105.26	1,021.98	83.28	13.272		
8,000.00	7,232.12	7,804.48	7,235.05	45.86	41.60	-90.16	-870.25	544.89	1,105.36	1,021.72	83.64	13.216		
8,100.00	7,232.93	7,904.47	7,235.27	46.71	42.87	-90.12	-870.76	444.90	1,106.04	1,019.74	86.30	12.817		
8,200.00	7,233.74	8,004.47	7,235.48	47.73	44.32	-90.09	-871.26	344.90	1,106.72	1,017.47	89.25	12.400		
8,300.00	7,234.54	8,104.47	7,235.69	48.94	45.90	-90.06	-871.77	244.91	1,107.40	1,014.94	92.46	11.977		
8,400.00	7,235.35	8,204.46	7,235.91	50.32	47.60	-90.03	-872.28	144.91	1,108.09	1,012.19	95.90	11.554		
8,500.00	7,236.16	8,304.46	7,236.12	51.86	49.42	-90.00	-872.79	44.92	1,108.77	1,009.22	99.55	11.138		
8,600.00	7,236.97	8,404.45	7,236.33	53.54	51.34	-89.97	-873.30	-55.08	1,109.45	1,006.07	103.39	10.731		
8,700.00	7,237.77	8,504.45	7,236.55	55.33	53.35	-89.94	-873.81	-155.07	1,110.14	1,002.75	107.39	10.338		
8,800.00	7,238.58	8,604.45	7,236.76	57.24	55.44	-89.91	-874.31	-255.06	1,110.82	999.28	111.54	9.959		
8,900.00	7,239.39	8,704.44	7,236.97	59.24	57.59	-89.88	-874.82	-355.06	1,111.51	995.68	115.82	9.596		
9,000.00	7,240.20	8,804.44	7,237.18	61.31	59.81	-89.85	-875.33	-455.05	1,112.19	991.96	120.23	9.251		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	8,904.43	7,237.40	63.46	62.08	89.82	-875.84	-555.05	1,112.88	988.14	124.73	8.922		
9,200.00	7,241.81	9,004.43	7,237.61	65.67	64.40	89.79	-876.35	-655.04	1,113.56	984.22	129.34	8.610		
9,300.00	7,242.62	9,104.43	7,237.82	67.93	66.76	89.76	-876.86	-755.04	1,114.25	980.22	134.03	8.314		
9,400.00	7,243.43	9,204.42	7,238.04	70.25	69.16	89.73	-877.36	-855.03	1,114.93	976.14	138.79	8.033		
9,500.00	7,244.24	9,304.42	7,238.25	72.60	71.59	89.70	-877.87	-955.03	1,115.62	971.99	143.62	7.768		
9,600.00	7,245.04	9,404.41	7,238.46	74.99	74.06	89.67	-878.38	-1,055.02	1,116.31	967.79	148.52	7.516		
9,700.00	7,245.85	9,504.41	7,238.68	77.42	76.55	89.64	-878.89	-1,155.01	1,116.99	963.52	153.47	7.278		
9,800.00	7,246.66	9,604.41	7,238.89	79.87	79.07	89.60	-879.40	-1,255.01	1,117.68	959.21	158.48	7.053		
9,900.00	7,247.47	9,704.40	7,239.10	82.36	81.61	89.57	-879.90	-1,355.00	1,118.37	954.84	163.52	6.839		
10,000.00	7,248.28	9,804.40	7,239.31	84.87	84.17	89.54	-880.41	-1,455.00	1,119.06	950.44	168.62	6.637		
10,100.00	7,249.08	9,904.39	7,239.53	87.40	86.75	89.51	-880.92	-1,554.99	1,119.74	946.00	173.74	6.445		
10,200.00	7,249.89	10,004.39	7,239.74	89.95	89.35	89.48	-881.43	-1,654.99	1,120.43	941.52	178.91	6.263		
10,300.00	7,250.70	10,104.38	7,239.95	92.52	91.96	89.45	-881.94	-1,754.98	1,121.12	937.02	184.11	6.090		
10,400.00	7,251.51	10,204.38	7,240.17	95.11	94.59	89.42	-882.45	-1,854.97	1,121.81	932.48	189.33	5.925		
10,500.00	7,252.31	10,304.38	7,240.38	97.71	97.23	89.39	-882.95	-1,954.97	1,122.50	927.92	194.58	5.769		
10,600.00	7,253.12	10,404.37	7,240.59	100.33	99.88	89.36	-883.46	-2,054.96	1,123.19	923.33	199.86	5.620		
10,700.00	7,253.93	10,504.37	7,240.81	102.96	102.55	89.33	-883.97	-2,154.96	1,123.88	918.72	205.16	5.478		
10,800.00	7,254.74	10,604.36	7,241.02	105.61	105.22	89.30	-884.48	-2,254.95	1,124.57	914.08	210.49	5.343		
10,900.00	7,255.55	10,704.36	7,241.23	108.26	107.90	89.27	-884.99	-2,354.95	1,125.26	909.43	215.83	5.214		
11,000.00	7,256.35	10,804.36	7,241.44	110.92	110.60	89.24	-885.50	-2,454.94	1,125.95	904.76	221.19	5.090		
11,100.00	7,257.16	10,904.35	7,241.66	113.60	113.30	89.21	-886.00	-2,554.94	1,126.64	900.08	226.57	4.973		
11,200.00	7,257.97	11,004.35	7,241.87	116.28	116.00	89.18	-886.51	-2,654.93	1,127.33	895.38	231.96	4.860		
11,300.00	7,258.78	11,104.34	7,242.08	118.97	118.72	89.16	-887.02	-2,754.92	1,128.03	890.66	237.37	4.752		
11,400.00	7,259.58	11,204.34	7,242.30	121.67	121.44	89.13	-887.53	-2,854.92	1,128.72	885.93	242.79	4.649		
11,500.00	7,260.39	11,304.34	7,242.51	124.38	124.17	89.10	-888.04	-2,954.91	1,129.41	881.19	248.22	4.550		
11,600.00	7,261.20	11,404.33	7,242.72	127.09	126.90	89.07	-888.54	-3,054.91	1,130.10	876.44	253.67	4.455		
11,700.00	7,262.01	11,504.33	7,242.94	129.81	129.64	89.04	-889.05	-3,154.90	1,130.80	871.67	259.12	4.364		
11,800.00	7,262.82	11,604.32	7,243.15	132.53	132.39	89.01	-889.56	-3,254.90	1,131.49	866.90	264.59	4.276		
11,900.00	7,263.62	11,704.32	7,243.36	135.26	135.14	88.98	-890.07	-3,354.89	1,132.18	862.12	270.07	4.192		
12,000.00	7,264.43	11,804.32	7,243.57	138.00	137.89	88.95	-890.58	-3,454.88	1,132.88	857.32	275.55	4.111		
12,100.00	7,265.24	11,904.31	7,243.79	140.74	140.65	88.92	-891.09	-3,554.88	1,133.57	852.52	281.05	4.033		
12,200.00	7,266.05	12,004.31	7,244.00	143.49	143.41	88.89	-891.59	-3,654.87	1,134.27	847.71	286.55	3.958		
12,300.00	7,266.86	12,104.30	7,244.21	146.24	146.17	88.86	-892.10	-3,754.87	1,134.96	842.90	292.06	3.886		
12,400.00	7,267.66	12,204.30	7,244.43	148.99	148.94	88.83	-892.61	-3,854.86	1,135.66	838.08	297.58	3.816		
12,500.00	7,268.47	12,304.29	7,244.64	151.75	151.72	88.80	-893.12	-3,954.86	1,136.35	833.25	303.11	3.749		
12,600.00	7,269.28	12,404.29	7,244.85	154.51	154.49	88.77	-893.63	-4,054.85	1,137.05	828.41	308.64	3.684		
12,700.00	7,270.09	12,504.29	7,245.07	157.27	157.27	88.74	-894.14	-4,154.85	1,137.74	823.57	314.18	3.621		
12,800.00	7,270.89	12,604.28	7,245.28	160.04	160.05	88.71	-894.64	-4,254.84	1,138.44	818.72	319.72	3.561		
12,900.00	7,271.70	12,704.28	7,245.49	162.81	162.83	88.68	-895.15	-4,354.83	1,139.14	813.87	325.27	3.502		
13,000.00	7,272.51	12,804.27	7,245.70	165.58	165.62	88.66	-895.66	-4,454.83	1,139.83	809.01	330.82	3.445		
13,100.00	7,273.32	12,904.27	7,245.92	168.36	168.41	88.63	-896.17	-4,554.82	1,140.53	804.15	336.38	3.391		
13,200.00	7,274.13	13,004.27	7,246.13	171.14	171.20	88.60	-896.68	-4,654.82	1,141.23	799.28	341.94	3.337		
13,300.00	7,274.93	13,104.26	7,246.34	173.92	173.99	88.57	-897.18	-4,754.81	1,141.93	794.41	347.51	3.286		
13,400.00	7,275.74	13,204.26	7,246.56	176.71	176.79	88.54	-897.69	-4,854.81	1,142.62	789.54	353.08	3.236		
13,500.00	7,276.55	13,304.25	7,246.77	179.49	179.59	88.51	-898.20	-4,954.80	1,143.32	784.66	358.66	3.188		
13,555.88	7,277.00	13,360.14	7,246.89	181.05	181.15	88.49	-898.49	-5,010.68	1,143.71	781.94	361.78	3.161 SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	0.53	60.11	0.56	60.11					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	60.11	0.56	60.11	53.54	6.57	9.150		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	60.11	0.56	60.11	53.43	6.67	9.006 CC, ES		
300.00	299.98	301.44	301.41	3.44	3.44	-145.11	58.88	1.87	60.35	53.46	6.89	8.762		
400.00	399.84	402.86	402.69	3.59	3.60	-144.20	55.21	5.81	61.09	53.88	7.20	8.480		
500.00	499.45	504.26	503.69	3.79	3.81	-142.75	49.10	12.36	62.35	54.73	7.62	8.183		
600.00	598.70	605.63	604.27	4.04	4.05	-140.81	40.55	21.52	64.17	56.05	8.12	7.903		
700.00	697.47	706.95	704.31	4.32	4.34	-138.47	29.60	33.28	66.61	57.91	8.70	7.659		
800.00	795.62	808.22	803.66	4.64	4.68	-135.85	16.24	47.60	69.71	60.37	9.34	7.462		
900.00	893.06	909.42	902.19	5.01	5.05	-133.05	0.51	64.47	73.54	63.49	10.06	7.313		
1,000.00	989.64	1,010.32	999.57	5.41	5.46	-130.20	-17.50	83.78	78.16	67.32	10.84	7.211		
1,100.00	1,085.27	1,110.09	1,095.55	5.85	5.90	-128.81	-36.09	103.72	84.57	72.90	11.68	7.243		
1,200.00	1,179.82	1,209.71	1,191.37	6.33	6.36	-129.26	-54.66	123.63	93.19	80.63	12.56	7.419		
1,300.00	1,273.78	1,309.21	1,287.09	6.85	6.84	-130.49	-73.21	143.52	102.94	89.46	13.48	7.636		
1,400.00	1,367.75	1,408.71	1,382.80	7.38	7.33	-131.52	-91.75	163.40	112.73	98.30	14.42	7.815		
1,500.00	1,461.72	1,508.22	1,478.51	7.93	7.83	-132.37	-110.30	183.29	122.54	107.15	15.39	7.963		
1,600.00	1,555.69	1,607.72	1,574.23	8.49	8.34	-133.10	-128.84	203.18	132.38	116.01	16.37	8.086		
1,700.00	1,649.66	1,707.22	1,669.94	9.07	8.85	-133.73	-147.39	223.07	142.24	124.87	17.37	8.190		
1,800.00	1,743.63	1,806.72	1,765.66	9.65	9.38	-134.28	-165.93	242.95	152.12	133.74	18.38	8.277		
1,900.00	1,837.60	1,906.22	1,861.37	10.24	9.91	-134.76	-184.48	262.84	162.00	142.61	19.40	8.352		
2,000.00	1,931.57	2,005.72	1,957.08	10.83	10.44	-135.19	-203.02	282.73	171.90	151.47	20.42	8.417		
2,100.00	2,025.54	2,105.23	2,052.80	11.43	10.98	-135.57	-221.57	302.62	181.80	160.34	21.46	8.472		
2,200.00	2,119.51	2,204.73	2,148.51	12.03	11.52	-135.91	-240.11	322.50	191.71	169.21	22.50	8.521		
2,300.00	2,213.48	2,304.23	2,244.22	12.64	12.06	-136.22	-258.66	342.39	201.63	178.08	23.55	8.563		
2,400.00	2,307.45	2,403.73	2,339.94	13.25	12.60	-136.50	-277.20	362.28	211.55	186.95	24.60	8.600		
2,500.00	2,401.42	2,503.23	2,435.65	13.87	13.15	-136.75	-295.75	382.16	221.48	195.82	25.65	8.633		
2,600.00	2,495.39	2,602.73	2,531.37	14.48	13.70	-136.98	-314.29	402.05	231.41	204.70	26.71	8.663		
2,700.00	2,589.35	2,702.23	2,627.08	15.10	14.25	-137.19	-332.84	421.94	241.34	213.57	27.78	8.689		
2,800.00	2,683.32	2,801.74	2,722.79	15.72	14.81	-137.39	-351.38	441.83	251.28	222.44	28.84	8.713		
2,900.00	2,777.29	2,901.24	2,818.51	16.34	15.36	-137.57	-369.93	461.71	261.22	231.31	29.91	8.734		
3,000.00	2,871.26	3,000.74	2,914.22	16.97	15.92	-137.74	-388.48	481.60	271.16	240.18	30.98	8.753		
3,100.00	2,965.23	3,100.24	3,009.93	17.59	16.47	-137.89	-407.02	501.49	281.11	249.05	32.05	8.770		
3,200.00	3,059.20	3,200.26	3,105.65	18.22	17.03	-138.04	-425.57	521.38	291.05	257.92	33.13	8.785		
3,300.00	3,153.17	3,300.76	3,201.36	18.84	17.60	-138.17	-444.11	541.26	301.00	266.79	34.21	8.798		
3,400.00	3,247.14	3,401.26	3,297.08	19.47	18.16	-138.30	-462.66	561.15	310.95	275.66	35.29	8.810		
3,500.00	3,341.11	3,501.75	3,392.79	20.10	18.73	-138.42	-481.20	581.04	320.90	284.52	36.38	8.821		
3,600.00	3,435.08	3,602.25	3,488.50	20.73	19.29	-138.53	-499.75	600.93	330.85	293.39	37.47	8.831		
3,700.00	3,529.05	3,702.75	3,584.22	21.36	19.86	-138.63	-518.29	620.81	340.81	302.26	38.55	8.840		
3,800.00	3,623.02	3,803.25	3,679.93	21.99	20.43	-138.73	-536.84	640.70	350.76	311.12	39.64	8.848		
3,900.00	3,716.99	3,903.75	3,775.64	22.62	20.99	-138.83	-555.38	660.59	360.72	319.99	40.73	8.856		
4,000.00	3,810.95	3,995.75	3,871.36	23.25	21.52	-138.92	-573.93	680.48	370.67	328.90	41.78	8.873		
4,100.00	3,904.92	4,104.74	3,967.07	23.88	22.13	-139.00	-592.47	700.36	380.63	337.72	42.91	8.870		
4,200.00	3,998.89	4,194.76	4,062.79	24.52	22.64	-139.08	-611.02	720.25	390.59	346.64	43.95	8.888		
4,300.00	4,092.86	4,305.74	4,158.50	25.15	23.27	-139.16	-629.56	740.14	400.55	355.45	45.10	8.882		
4,400.00	4,186.83	4,393.76	4,254.21	25.78	23.77	-139.23	-648.11	760.02	410.51	364.39	46.12	8.900		
4,500.00	4,280.80	4,506.74	4,349.93	26.42	24.41	-139.30	-666.65	779.91	420.47	373.19	47.28	8.893		
4,600.00	4,374.77	4,607.24	4,445.64	27.05	24.98	-139.36	-685.20	799.80	430.43	382.05	48.38	8.897		
4,700.00	4,468.74	4,692.26	4,541.35	27.68	25.46	-139.43	-703.74	819.69	440.39	391.00	49.39	8.917		
4,800.00	4,562.71	4,808.23	4,637.07	28.32	26.12	-139.49	-722.29	839.57	450.35	399.78	50.57	8.906		
4,900.00	4,656.68	4,908.73	4,732.78	28.95	26.69	-139.54	-740.84	859.46	460.31	408.65	51.66	8.910		
5,000.00	4,750.65	4,990.77	4,828.50	29.59	27.16	-139.60	-759.38	879.35	470.28	417.61	52.66	8.930		
5,100.00	4,844.62	5,090.27	4,924.21	30.23	27.73	-139.65	-777.93	899.24	480.24	426.49	53.75	8.934		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	5,189.77	5,019.92	30.86	28.29	-139.70	-796.47	919.12	490.20	435.36	54.85	8.938		
5,300.00	5,032.56	5,289.27	5,115.64	31.50	28.86	-139.75	-815.02	939.01	500.17	444.23	55.94	8.941		
5,400.00	5,126.52	5,388.78	5,211.35	32.13	29.43	-139.80	-833.56	958.90	510.13	453.10	57.03	8.945		
5,500.00	5,220.49	5,488.28	5,307.06	32.77	29.99	-139.84	-852.11	978.79	520.10	461.97	58.12	8.948		
5,600.00	5,314.46	5,587.78	5,402.78	33.41	30.56	-139.88	-870.65	998.67	530.06	470.84	59.22	8.951		
5,700.00	5,408.43	5,687.28	5,498.49	34.04	31.13	-139.92	-889.20	1,018.56	540.02	479.71	60.31	8.954		
5,800.00	5,502.40	5,786.78	5,594.20	34.68	31.70	-139.96	-907.74	1,038.45	549.99	488.58	61.41	8.957		
5,900.00	5,596.37	5,886.28	5,689.92	35.32	32.26	-140.00	-926.29	1,058.34	559.96	497.46	62.50	8.959		
6,000.00	5,690.34	5,985.78	5,785.63	35.96	32.83	-140.04	-944.83	1,078.22	569.92	506.33	63.59	8.962		
6,100.00	5,784.31	6,085.29	5,881.35	36.59	33.40	-140.08	-963.38	1,098.11	579.89	515.20	64.69	8.964		
6,200.00	5,878.28	6,184.79	5,977.06	37.23	33.97	-140.11	-981.92	1,118.00	589.85	524.07	65.78	8.966		
6,300.00	5,972.25	6,284.29	6,072.77	37.87	34.53	-140.14	-1,000.47	1,137.88	599.82	532.94	66.88	8.969		
6,400.00	6,066.22	6,383.79	6,168.49	38.51	35.10	-140.18	-1,019.01	1,157.77	609.79	541.81	67.98	8.971		
6,500.00	6,160.19	6,483.29	6,264.20	39.14	35.67	-140.21	-1,037.56	1,177.66	619.75	550.68	69.07	8.973		
6,600.00	6,254.16	6,588.00	6,365.30	39.78	36.25	-140.24	-1,057.13	1,196.44	629.52	559.37	70.16	8.973		
6,700.00	6,348.13	6,695.51	6,470.68	40.42	36.72	-142.07	-1,077.45	1,200.09	638.07	567.17	70.90	9.000		
6,800.00	6,442.09	6,794.73	6,567.22	41.06	37.03	-144.92	-1,095.96	1,187.40	646.50	575.21	71.29	9.068		
6,869.92	6,507.80	6,857.36	6,626.72	41.51	37.21	-147.33	-1,107.32	1,171.58	653.48	582.04	71.44	9.147		
6,900.00	6,536.18	6,882.79	6,650.39	41.69	37.28	-155.48	-1,111.83	1,163.47	656.98	585.51	71.48	9.191		
6,950.00	6,583.76	6,924.11	6,688.13	41.98	37.39	-170.92	-1,119.01	1,148.26	663.53	592.01	71.52	9.277		
7,000.00	6,631.58	6,964.39	6,723.91	42.23	37.51	172.22	-1,125.79	1,131.07	670.86	599.32	71.55	9.377		
7,050.00	6,679.34	7,003.75	6,757.77	42.44	37.62	155.77	-1,132.20	1,112.07	678.85	607.31	71.54	9.489		
7,100.00	6,726.76	7,042.30	6,789.76	42.62	37.74	141.34	-1,138.24	1,091.44	687.35	615.85	71.51	9.613		
7,150.00	6,773.53	7,080.14	6,819.92	42.78	37.87	129.48	-1,143.91	1,069.31	696.25	624.79	71.45	9.744		
7,200.00	6,819.38	7,117.36	6,848.27	42.91	38.00	119.98	-1,149.23	1,045.80	705.39	634.01	71.38	9.882		
7,250.00	6,864.01	7,154.02	6,874.84	43.03	38.14	112.37	-1,154.20	1,021.03	714.66	643.37	71.30	10.024		
7,300.00	6,907.16	7,190.20	6,899.64	43.14	38.29	106.19	-1,158.82	995.10	723.94	652.72	71.22	10.165		
7,350.00	6,948.56	7,225.95	6,922.69	43.24	38.46	101.11	-1,163.10	968.12	733.10	661.95	71.16	10.302		
7,400.00	6,987.94	7,261.33	6,944.00	43.35	38.63	96.87	-1,167.04	940.16	742.05	670.93	71.13	10.433		
7,450.00	7,025.08	7,296.37	6,963.57	43.46	38.82	93.30	-1,170.64	911.32	750.69	679.55	71.14	10.552		
7,500.00	7,059.73	7,331.13	6,981.42	43.57	39.02	90.27	-1,173.90	881.68	758.92	687.69	71.23	10.654		
7,550.00	7,091.70	7,365.63	6,997.54	43.70	39.24	87.70	-1,176.82	851.32	766.67	695.26	71.41	10.737		
7,600.00	7,120.77	7,400.00	7,011.97	43.84	39.47	85.51	-1,179.42	820.24	773.85	702.18	71.68	10.796		
7,650.00	7,146.77	7,434.03	7,024.61	44.00	39.73	83.65	-1,181.67	788.74	780.41	708.34	72.07	10.828		
7,700.00	7,169.54	7,467.97	7,035.56	44.18	40.00	82.10	-1,183.58	756.66	786.29	713.70	72.59	10.832		
7,750.00	7,188.94	7,500.00	7,044.34	44.38	40.26	80.84	-1,185.09	725.91	791.44	718.20	73.24	10.805		
7,800.00	7,204.85	7,535.50	7,052.29	44.61	40.58	79.81	-1,186.42	691.33	795.82	721.77	74.05	10.748		
7,850.00	7,217.17	7,569.14	7,058.06	44.88	40.90	79.02	-1,187.33	658.22	799.38	724.40	74.98	10.661		
7,900.00	7,225.83	7,600.00	7,061.83	45.17	41.21	78.47	-1,187.88	627.59	802.12	726.06	76.06	10.546		
7,950.00	7,230.77	7,636.25	7,064.40	45.50	41.58	78.13	-1,188.16	591.44	804.00	726.75	77.24	10.409		
7,985.49	7,232.00	7,664.65	7,064.99	45.75	41.89	78.03	-1,188.14	568.56	804.81	726.57	78.23	10.287		
8,000.00	7,232.12	7,673.64	7,065.04	45.86	41.99	78.03	-1,188.06	554.06	805.06	726.55	78.51	10.254		
8,100.00	7,232.93	7,773.62	7,065.38	46.71	43.20	78.02	-1,187.54	454.08	806.84	725.72	81.12	9.946		
8,200.00	7,233.74	7,873.61	7,065.73	47.73	44.56	78.01	-1,187.01	354.09	808.61	724.61	84.01	9.626		
8,300.00	7,234.54	7,973.59	7,066.07	48.94	46.08	78.01	-1,186.49	254.11	810.39	723.23	87.16	9.298		
8,400.00	7,235.35	8,073.58	7,066.41	50.32	47.74	78.00	-1,185.96	154.13	812.16	721.61	90.55	8.969		
8,500.00	7,236.16	8,173.56	7,066.76	51.86	49.52	77.99	-1,185.44	54.15	813.94	719.78	94.15	8.645		
8,600.00	7,236.97	8,273.54	7,067.10	53.54	51.41	77.99	-1,184.92	-45.83	815.71	717.77	97.94	8.328		
8,700.00	7,237.77	8,373.53	7,067.44	55.33	53.39	77.98	-1,184.39	-145.82	817.49	715.59	101.90	8.022		
8,800.00	7,238.58	8,473.51	7,067.79	57.24	55.45	77.97	-1,183.87	-245.80	819.26	713.25	106.01	7.728		
8,900.00	7,239.39	8,573.50	7,068.13	59.24	57.59	77.97	-1,183.34	-345.78	821.04	710.79	110.25	7.447		
9,000.00	7,240.20	8,673.48	7,068.48	61.31	59.79	77.96	-1,182.82	-445.76	822.81	708.21	114.60	7.180		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	8,773.47	7,068.82	63.46	62.05	77.95	-1,182.29	-545.75	824.59	705.52	119.06	6.926		
9,200.00	7,241.81	8,873.45	7,069.16	65.67	64.36	77.95	-1,181.77	-645.73	826.36	702.74	123.62	6.685		
9,300.00	7,242.62	8,973.43	7,069.51	67.93	66.71	77.94	-1,181.24	-745.71	828.14	699.88	128.26	6.457		
9,400.00	7,243.43	9,073.42	7,069.85	70.25	69.10	77.93	-1,180.72	-845.69	829.91	696.95	132.97	6.242		
9,500.00	7,244.24	9,173.40	7,070.19	72.60	71.53	77.93	-1,180.20	-945.67	831.69	693.94	137.74	6.038		
9,600.00	7,245.04	9,273.39	7,070.54	74.99	73.99	77.92	-1,179.67	-1,045.66	833.46	690.88	142.58	5.845		
9,700.00	7,245.85	9,373.37	7,070.88	77.42	76.48	77.91	-1,179.15	-1,145.64	835.24	687.76	147.47	5.664		
9,800.00	7,246.66	9,473.35	7,071.22	79.87	79.00	77.91	-1,178.62	-1,245.62	837.01	684.60	152.42	5.492		
9,900.00	7,247.47	9,573.34	7,071.57	82.36	81.54	77.90	-1,178.10	-1,345.60	838.79	681.39	157.40	5.329		
10,000.00	7,248.28	9,673.32	7,071.91	84.87	84.10	77.89	-1,177.57	-1,445.59	840.56	678.14	162.43	5.175		
10,100.00	7,249.08	9,773.31	7,072.26	87.40	86.68	77.89	-1,177.05	-1,545.57	842.34	674.85	167.49	5.029		
10,200.00	7,249.89	9,873.29	7,072.60	89.95	89.27	77.88	-1,176.52	-1,645.55	844.11	671.53	172.58	4.891		
10,300.00	7,250.70	9,973.28	7,072.94	92.52	91.89	77.88	-1,176.00	-1,745.53	845.89	668.18	177.71	4.760		
10,400.00	7,251.51	10,073.26	7,073.29	95.11	94.51	77.87	-1,175.48	-1,845.51	847.66	664.80	182.86	4.636		
10,500.00	7,252.31	10,173.24	7,073.63	97.71	97.16	77.86	-1,174.95	-1,945.50	849.44	661.40	188.04	4.517		
10,600.00	7,253.12	10,273.23	7,073.97	100.33	99.81	77.86	-1,174.43	-2,045.48	851.21	657.97	193.24	4.405		
10,700.00	7,253.93	10,373.21	7,074.32	102.96	102.47	77.85	-1,173.90	-2,145.46	852.99	654.52	198.47	4.298		
10,800.00	7,254.74	10,473.20	7,074.66	105.61	105.15	77.84	-1,173.38	-2,245.44	854.76	651.05	203.71	4.196		
10,900.00	7,255.55	10,573.18	7,075.00	108.26	107.83	77.84	-1,172.85	-2,345.43	856.54	647.57	208.97	4.099		
11,000.00	7,256.35	10,673.17	7,075.35	110.92	110.53	77.83	-1,172.33	-2,445.41	858.32	644.06	214.25	4.006		
11,100.00	7,257.16	10,773.15	7,075.69	113.60	113.23	77.83	-1,171.81	-2,545.39	860.09	640.54	219.55	3.918		
11,200.00	7,257.97	10,873.13	7,076.04	116.28	115.94	77.82	-1,171.28	-2,645.37	861.87	637.01	224.86	3.833		
11,300.00	7,258.78	10,973.12	7,076.38	118.97	118.66	77.81	-1,170.76	-2,745.35	863.64	633.46	230.18	3.752		
11,400.00	7,259.58	11,073.10	7,076.72	121.67	121.38	77.81	-1,170.23	-2,845.34	865.42	629.90	235.52	3.675		
11,500.00	7,260.39	11,173.09	7,077.07	124.38	124.11	77.80	-1,169.71	-2,945.32	867.19	626.33	240.86	3.600		
11,600.00	7,261.20	11,273.07	7,077.41	127.09	126.85	77.80	-1,169.18	-3,045.30	868.97	622.75	246.22	3.529		
11,700.00	7,262.01	11,373.05	7,077.75	129.81	129.59	77.79	-1,168.66	-3,145.28	870.74	619.15	251.59	3.461		
11,800.00	7,262.82	11,473.04	7,078.10	132.53	132.33	77.78	-1,168.13	-3,245.27	872.52	615.55	256.97	3.395		
11,900.00	7,263.62	11,573.02	7,078.44	135.26	135.09	77.78	-1,167.61	-3,345.25	874.29	611.94	262.36	3.332		
12,000.00	7,264.43	11,673.01	7,078.78	138.00	137.84	77.77	-1,167.09	-3,445.23	876.07	608.31	267.75	3.272		
12,100.00	7,265.24	11,772.99	7,079.13	140.74	140.60	77.77	-1,166.56	-3,545.21	877.84	604.69	273.16	3.214		
12,200.00	7,266.05	11,872.98	7,079.47	143.49	143.37	77.76	-1,166.04	-3,645.20	879.62	601.05	278.57	3.158		
12,300.00	7,266.86	11,972.96	7,079.82	146.24	146.13	77.75	-1,165.51	-3,745.18	881.39	597.41	283.99	3.104		
12,400.00	7,267.66	12,072.94	7,080.16	148.99	148.91	77.75	-1,164.99	-3,845.16	883.17	593.76	289.41	3.052		
12,500.00	7,268.47	12,172.93	7,080.50	151.75	151.68	77.74	-1,164.46	-3,945.14	884.94	590.10	294.85	3.001		
12,600.00	7,269.28	12,272.91	7,080.85	154.51	154.46	77.74	-1,163.94	-4,045.12	886.72	586.44	300.28	2.953		
12,700.00	7,270.09	12,372.90	7,081.19	157.27	157.24	77.73	-1,163.41	-4,145.11	888.50	582.77	305.73	2.906		
12,800.00	7,270.89	12,472.88	7,081.53	160.04	160.02	77.73	-1,162.89	-4,245.09	890.27	579.10	311.18	2.861		
12,900.00	7,271.70	12,572.87	7,081.88	162.81	162.81	77.72	-1,162.37	-4,345.07	892.05	575.42	316.63	2.817		
13,000.00	7,272.51	12,672.85	7,082.22	165.58	165.60	77.71	-1,161.84	-4,445.05	893.82	571.73	322.09	2.775		
13,100.00	7,273.32	12,772.83	7,082.56	168.36	168.39	77.71	-1,161.32	-4,545.04	895.60	568.05	327.55	2.734		
13,200.00	7,274.13	12,872.82	7,082.91	171.14	171.18	77.70	-1,160.79	-4,645.02	897.37	564.35	333.02	2.695		
13,300.00	7,274.93	12,972.80	7,083.25	173.92	173.98	77.70	-1,160.27	-4,745.00	899.15	560.66	338.49	2.656		
13,400.00	7,275.74	13,072.79	7,083.60	176.71	176.78	77.69	-1,159.74	-4,844.98	900.92	556.96	343.96	2.619		
13,500.00	7,276.55	13,172.77	7,083.94	179.49	179.58	77.69	-1,159.22	-4,944.96	902.70	553.26	349.44	2.583		
13,555.88	7,277.00	13,228.65	7,084.13	181.05	181.14	77.68	-1,158.93	-5,000.84	903.69	551.19	352.51	2.564 SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	0.00	14.93	0.00	14.93					
100.00	100.00	100.00	100.00	3.28	3.28	0.00	14.93	0.00	14.93	8.36	6.57	2.273		
200.00	200.00	200.00	200.00	3.34	3.34	0.00	14.93	0.00	14.93	8.26	6.67	2.237 CC		
300.00	299.98	300.43	300.40	3.44	3.44	-145.77	13.50	1.03	14.95	8.07	6.89	2.171		
400.00	399.84	400.85	400.69	3.59	3.60	-145.27	9.21	4.10	15.02	7.81	7.21	2.084		
500.00	499.45	501.27	500.72	3.79	3.80	-144.43	2.07	9.22	15.13	7.51	7.63	1.984		
600.00	598.70	601.69	600.38	4.04	4.04	-143.28	-7.91	16.39	15.30	7.17	8.13	1.881		
700.00	697.47	702.11	699.55	4.32	4.33	-141.85	-20.73	25.58	15.51	6.80	8.71	1.781		
800.00	795.62	802.53	798.10	4.64	4.65	-140.15	-36.37	36.79	15.79	6.44	9.35	1.689		
900.00	893.06	902.94	895.91	5.01	5.02	-138.23	-54.80	50.01	16.14	6.08	10.06	1.605		
1,000.00	989.64	1,003.35	992.86	5.41	5.43	-136.11	-76.00	65.22	16.56	5.74	10.82	1.530		
1,100.00	1,085.27	1,103.75	1,088.83	5.85	5.87	-133.86	-99.95	82.40	17.05	5.41	11.65	1.464 Level 3		
1,200.00	1,179.82	1,204.09	1,183.67	6.33	6.36	-131.57	-126.58	101.50	17.66	5.12	12.54	1.408 Level 3		
1,300.00	1,273.78	1,304.09	1,277.74	6.85	6.87	-130.35	-154.14	121.27	18.57	5.09	13.48	1.378 Level 3		
1,400.00	1,367.75	1,404.08	1,371.80	7.38	7.40	-129.24	-181.70	141.04	19.49	5.03	14.47	1.347 Level 3		
1,500.00	1,461.72	1,504.08	1,465.87	7.93	7.95	-128.24	-209.27	160.81	20.42	4.93	15.49	1.319 Level 3		
1,600.00	1,555.69	1,604.07	1,559.93	8.49	8.52	-127.32	-236.83	180.58	21.36	4.82	16.54	1.291 Level 3		
1,700.00	1,649.66	1,704.07	1,654.00	9.07	9.09	-126.48	-264.40	200.35	22.30	4.68	17.62	1.266 Level 3		
1,800.00	1,743.63	1,804.06	1,748.06	9.65	9.67	-125.71	-291.96	220.12	23.25	4.53	18.72	1.242 Level 2		
1,900.00	1,837.60	1,904.06	1,842.13	10.24	10.26	-125.00	-319.53	239.89	24.19	4.36	19.83	1.220 Level 2		
2,000.00	1,931.57	2,004.05	1,936.20	10.83	10.85	-124.34	-347.09	259.66	25.15	4.18	20.97	1.199 Level 2		
2,100.00	2,025.54	2,104.05	2,030.26	11.43	11.45	-123.73	-374.65	279.43	26.10	3.99	22.11	1.181 Level 2		
2,200.00	2,119.51	2,204.04	2,124.33	12.03	12.05	-123.17	-402.22	299.20	27.06	3.80	23.27	1.163 Level 2		
2,300.00	2,213.48	2,304.04	2,218.39	12.64	12.66	-122.64	-429.78	318.97	28.02	3.59	24.43	1.147 Level 2		
2,400.00	2,307.45	2,404.03	2,312.46	13.25	13.27	-122.15	-457.35	338.74	28.98	3.38	25.60	1.132 Level 2		
2,500.00	2,401.42	2,504.03	2,406.52	13.87	13.88	-121.69	-484.91	358.51	29.95	3.17	26.78	1.118 Level 2		
2,600.00	2,495.39	2,604.02	2,500.59	14.48	14.50	-121.26	-512.48	378.28	30.92	2.94	27.97	1.105 Level 2		
2,700.00	2,589.35	2,704.02	2,594.66	15.10	15.11	-120.85	-540.04	398.05	31.88	2.72	29.16	1.093 Level 2		
2,800.00	2,683.32	2,804.01	2,688.72	15.72	15.73	-120.47	-567.60	417.82	32.85	2.49	30.36	1.082 Level 2		
2,900.00	2,777.29	2,904.01	2,782.79	16.34	16.35	-120.11	-595.17	437.60	33.83	2.26	31.56	1.072 Level 2		
3,000.00	2,871.26	3,004.00	2,876.85	16.97	16.97	-119.77	-622.73	457.37	34.80	2.03	32.77	1.062 Level 2		
3,100.00	2,965.23	3,104.00	2,970.92	17.59	17.60	-119.45	-650.30	477.14	35.77	1.79	33.98	1.053 Level 2		
3,200.00	3,059.20	3,203.99	3,064.98	18.22	18.22	-119.14	-677.86	496.91	36.75	1.55	35.19	1.044 Level 2		
3,300.00	3,153.17	3,303.99	3,159.05	18.84	18.85	-118.85	-705.43	516.68	37.72	1.31	36.41	1.036 Level 2		
3,400.00	3,247.14	3,403.99	3,253.12	19.47	19.47	-118.58	-732.99	536.45	38.70	1.07	37.63	1.028 Level 2		
3,500.00	3,341.11	3,503.98	3,347.18	20.10	20.10	-118.32	-760.55	556.22	39.68	0.83	38.85	1.021 Level 2		
3,600.00	3,435.08	3,603.98	3,441.25	20.73	20.73	-118.07	-788.12	575.99	40.65	0.58	40.07	1.015 Level 2		
3,700.00	3,529.05	3,703.97	3,535.31	21.36	21.36	-117.84	-815.68	595.76	41.63	0.34	41.30	1.008 Level 2		
3,800.00	3,623.02	3,803.97	3,629.38	21.99	21.99	-117.61	-843.25	615.53	42.61	0.09	42.52	1.002 Level 2		
3,900.00	3,716.99	3,903.96	3,723.44	22.62	22.62	-117.40	-870.81	635.30	43.59	-0.16	43.75	0.996 Level 1		
4,000.00	3,810.95	4,003.96	3,817.51	23.25	23.25	-117.19	-898.38	655.07	44.57	-0.41	44.98	0.991 Level 1		
4,100.00	3,904.92	4,103.95	3,911.58	23.88	23.88	-116.99	-925.94	674.84	45.56	-0.66	46.21	0.986 Level 1		
4,200.00	3,998.89	4,203.95	4,005.64	24.52	24.51	-116.80	-953.50	694.61	46.54	-0.91	47.45	0.981 Level 1		
4,300.00	4,092.86	4,303.94	4,099.71	25.15	25.14	-116.62	-981.07	714.38	47.52	-1.16	48.68	0.976 Level 1		
4,400.00	4,186.83	4,403.94	4,193.77	25.78	25.77	-116.45	-1,008.63	734.15	48.50	-1.41	49.91	0.972 Level 1		
4,500.00	4,280.80	4,503.93	4,287.84	26.42	26.40	-116.28	-1,036.20	753.92	49.49	-1.66	51.15	0.967 Level 1		
4,600.00	4,374.77	4,603.93	4,381.90	27.05	27.04	-116.12	-1,063.76	773.69	50.47	-1.92	52.39	0.963 Level 1		
4,700.00	4,468.74	4,703.92	4,475.97	27.68	27.67	-115.97	-1,091.33	793.46	51.45	-2.17	53.63	0.959 Level 1		
4,800.00	4,562.71	4,803.92	4,570.04	28.32	28.30	-115.82	-1,118.89	813.23	52.44	-2.43	54.86	0.956 Level 1		
4,900.00	4,656.68	4,903.91	4,664.10	28.95	28.94	-115.68	-1,146.45	833.00	53.42	-2.68	56.10	0.952 Level 1		
5,000.00	4,750.65	5,003.91	4,758.17	29.59	29.57	-115.54	-1,174.02	852.78	54.41	-2.94	57.34	0.949 Level 1		
5,100.00	4,844.62	5,103.90	4,852.23	30.23	30.21	-115.41	-1,201.58	872.55	55.39	-3.19	58.58	0.946 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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	5,203.90	4,946.30	30.86	30.84	-115.28	-1,229.15	892.32	56.38	-3.45	59.83	0.942	Level 1	
5,300.00	5,032.56	5,303.89	5,040.36	31.50	31.48	-115.16	-1,256.71	912.09	57.36	-3.70	61.07	0.939	Level 1	
5,400.00	5,126.52	5,403.89	5,134.43	32.13	32.11	-115.04	-1,284.27	931.86	58.35	-3.96	62.31	0.936	Level 1	
5,500.00	5,220.49	5,503.88	5,228.50	32.77	32.75	-114.92	-1,311.84	951.63	59.34	-4.22	63.55	0.934	Level 1	
5,600.00	5,314.46	5,603.88	5,322.56	33.41	33.38	-114.81	-1,339.40	971.40	60.32	-4.48	64.80	0.931	Level 1	
5,700.00	5,408.43	5,703.87	5,416.63	34.04	34.02	-114.70	-1,366.97	991.17	61.31	-4.73	66.04	0.928	Level 1	
5,800.00	5,502.40	5,803.87	5,510.69	34.68	34.65	-114.60	-1,394.53	1,010.94	62.30	-4.99	67.29	0.926	Level 1	
5,900.00	5,596.37	5,903.86	5,604.76	35.32	35.29	-114.50	-1,422.10	1,030.71	63.28	-5.25	68.53	0.923	Level 1	
6,000.00	5,690.34	6,003.86	5,698.82	35.96	35.92	-114.40	-1,449.66	1,050.48	64.27	-5.51	69.78	0.921	Level 1	
6,100.00	5,784.31	6,103.85	5,792.89	36.59	36.56	-114.30	-1,477.22	1,070.25	65.26	-5.76	71.02	0.919	Level 1	
6,200.00	5,878.28	6,203.85	5,886.95	37.23	37.20	-114.21	-1,504.79	1,090.02	66.25	-6.02	72.27	0.917	Level 1	
6,300.00	5,972.25	6,303.84	5,981.02	37.87	37.83	-114.12	-1,532.35	1,109.79	67.24	-6.28	73.52	0.915	Level 1	
6,400.00	6,066.22	6,403.84	6,075.09	38.51	38.47	-114.03	-1,559.92	1,129.56	68.22	-6.54	74.76	0.913	Level 1	
6,500.00	6,160.19	6,503.83	6,169.15	39.14	39.11	-113.95	-1,587.48	1,149.33	69.21	-6.80	76.01	0.911	Level 1	
6,600.00	6,254.16	6,603.83	6,263.22	39.78	39.74	-113.87	-1,615.05	1,169.10	70.20	-7.06	77.26	0.909	Level 1	
6,700.00	6,348.13	6,705.54	6,359.01	40.42	40.38	-114.21	-1,643.11	1,188.60	70.87	-7.54	78.41	0.904	Level 1	
6,800.00	6,442.09	6,810.30	6,459.18	41.06	40.94	-123.83	-1,672.41	1,196.17	65.79	-11.63	77.42	0.850	Level 1	
6,869.92	6,507.80	6,879.89	6,525.81	41.51	41.22	-139.39	-1,691.85	1,191.69	61.34	-13.53	74.87	0.819	Level 1, SF	
6,893.27	6,529.81	6,902.30	6,547.12	41.65	41.30	-150.96	-1,698.06	1,188.63	60.91	-12.90	73.82	0.825	Level 1	
6,900.00	6,536.18	6,908.71	6,553.21	41.69	41.32	-154.41	-1,699.83	1,187.62	60.95	-12.58	73.53	0.829	Level 1	
6,950.00	6,583.76	6,955.77	6,597.47	41.98	41.46	179.15	-1,712.72	1,178.20	63.34	-8.25	71.58	0.885	Level 1	
7,000.00	6,631.58	7,001.84	6,640.03	42.23	41.58	152.85	-1,725.09	1,165.72	68.98	-0.99	69.97	0.986	Level 1	
7,050.00	6,679.34	7,046.99	6,680.82	42.44	41.69	129.04	-1,736.94	1,150.40	76.98	8.63	68.35	1.126	Level 2	
7,100.00	6,726.76	7,091.31	6,719.74	42.62	41.79	109.20	-1,748.22	1,132.48	86.47	19.99	66.48	1.301	Level 3	
7,150.00	6,773.53	7,134.87	6,756.74	42.78	41.89	93.53	-1,758.94	1,112.15	96.79	32.52	64.27	1.506		
7,200.00	6,819.38	7,177.74	6,791.77	42.91	41.98	81.41	-1,769.07	1,089.63	107.49	45.76	61.73	1.741		
7,250.00	6,864.01	7,219.99	6,824.79	43.03	42.08	72.04	-1,778.60	1,065.08	118.24	59.33	58.91	2.007		
7,300.00	6,907.16	7,261.66	6,855.77	43.14	42.18	64.75	-1,787.53	1,038.68	128.82	72.94	55.88	2.305		
7,350.00	6,948.56	7,302.82	6,884.67	43.24	42.28	59.00	-1,795.85	1,010.60	139.08	86.37	52.71	2.639		
7,400.00	6,987.94	7,343.52	6,911.48	43.35	42.40	54.41	-1,803.55	980.97	148.89	99.41	49.48	3.009		
7,450.00	7,025.08	7,383.80	6,936.18	43.46	42.52	50.72	-1,810.62	949.96	158.15	111.90	46.26	3.419		
7,500.00	7,059.73	7,423.71	6,958.75	43.57	42.65	47.73	-1,817.07	917.68	166.81	123.66	43.15	3.866		
7,550.00	7,091.70	7,463.30	6,979.17	43.70	42.80	45.29	-1,822.88	884.29	174.80	134.54	40.26	4.342		
7,600.00	7,120.77	7,502.59	6,997.44	43.84	42.96	43.31	-1,828.06	849.89	182.08	144.37	37.70	4.829		
7,650.00	7,146.77	7,541.63	7,013.54	44.00	43.13	41.71	-1,832.61	814.62	188.59	152.97	35.63	5.293		
7,700.00	7,169.54	7,580.46	7,027.46	44.18	43.33	40.43	-1,836.51	778.59	194.33	160.16	34.17	5.687		
7,750.00	7,188.94	7,619.11	7,039.20	44.38	43.54	39.42	-1,839.78	741.92	199.24	165.79	33.45	5.957		
7,800.00	7,204.85	7,657.60	7,048.76	44.61	43.77	38.66	-1,842.40	704.73	203.33	169.78	33.54	6.062		
7,850.00	7,217.17	7,695.98	7,056.11	44.88	44.03	38.12	-1,844.38	667.12	206.56	172.10	34.46	5.994		
7,900.00	7,225.83	7,734.28	7,061.28	45.17	44.30	37.79	-1,845.72	629.20	208.93	172.78	36.15	5.779		
7,950.00	7,230.77	7,772.51	7,064.24	45.50	44.59	37.65	-1,846.41	591.10	210.43	171.93	38.50	5.466		
7,985.49	7,232.00	7,799.72	7,065.01	45.75	44.81	37.67	-1,846.51	563.90	210.96	170.49	40.47	5.212		
8,000.00	7,232.12	7,814.23	7,065.13	45.86	44.94	37.71	-1,846.48	549.39	211.09	170.29	40.80	5.174		
8,100.00	7,232.93	7,814.22	7,065.95	46.71	45.88	38.01	-1,846.27	449.41	211.93	168.79	43.14	4.913		
8,200.00	7,233.74	8,014.21	7,066.78	47.73	47.01	38.31	-1,846.06	349.42	212.78	167.06	45.72	4.654		
8,300.00	7,234.54	8,114.20	7,067.60	48.94	48.31	38.61	-1,845.85	249.43	213.64	165.12	48.52	4.403		
8,400.00	7,235.35	8,214.19	7,068.43	50.32	49.77	38.91	-1,845.64	149.45	214.50	162.99	51.51	4.164		
8,500.00	7,236.16	8,314.18	7,069.25	51.86	51.38	39.20	-1,845.43	49.46	215.37	160.71	54.66	3.940		
8,600.00	7,236.97	8,414.17	7,070.08	53.54	53.12	39.49	-1,845.23	-50.53	216.24	158.29	57.95	3.731		
8,700.00	7,237.77	8,514.16	7,070.91	55.33	54.98	39.78	-1,845.02	-150.51	217.12	155.75	61.38	3.538		
8,800.00	7,238.58	8,614.15	7,071.73	57.24	56.93	40.06	-1,844.81	-250.50	218.01	153.09	64.92	3.358		
8,900.00	7,239.39	8,714.14	7,072.56	59.24	58.97	40.35	-1,844.60	-350.49	218.90	150.35	68.55	3.193		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,240.20	8,814.13	7,073.38	61.31	61.09	40.63	-1,844.39	-450.47	219.80	147.51	72.29	3.041		
9,100.00	7,241.01	8,914.12	7,074.21	63.46	63.27	40.91	-1,844.18	-550.46	220.70	144.59	76.10	2.900		
9,200.00	7,241.81	9,014.11	7,075.03	65.67	65.52	41.19	-1,843.97	-650.45	221.60	141.61	79.99	2.770		
9,300.00	7,242.62	9,114.10	7,075.86	67.93	67.81	41.46	-1,843.76	-750.43	222.51	138.56	83.96	2.650		
9,400.00	7,243.43	9,214.09	7,076.69	70.25	70.15	41.73	-1,843.55	-850.42	223.43	135.45	87.98	2.539		
9,500.00	7,244.24	9,314.08	7,077.51	72.60	72.53	42.00	-1,843.34	-950.41	224.35	132.28	92.07	2.437		
9,600.00	7,245.04	9,414.07	7,078.34	74.99	74.95	42.27	-1,843.13	-1,050.39	225.28	129.07	96.21	2.341		
9,700.00	7,245.85	9,514.06	7,079.16	77.42	77.40	42.54	-1,842.92	-1,150.38	226.21	125.80	100.41	2.253		
9,800.00	7,246.66	9,614.05	7,079.99	79.87	79.88	42.80	-1,842.72	-1,250.36	227.14	122.49	104.65	2.170		
9,900.00	7,247.47	9,714.04	7,080.82	82.36	82.38	43.06	-1,842.51	-1,350.35	228.09	119.14	108.95	2.094		
10,000.00	7,248.28	9,814.03	7,081.64	84.87	84.91	43.32	-1,842.30	-1,450.34	229.03	115.75	113.28	2.022		
10,100.00	7,249.08	9,914.02	7,082.47	87.40	87.46	43.58	-1,842.09	-1,550.32	229.98	112.32	117.66	1.955		
10,200.00	7,249.89	10,014.01	7,083.29	89.95	90.03	43.83	-1,841.88	-1,650.31	230.94	108.85	122.08	1.892		
10,300.00	7,250.70	10,114.00	7,084.12	92.52	92.62	44.08	-1,841.67	-1,750.30	231.90	105.35	126.54	1.833		
10,400.00	7,251.51	10,213.99	7,084.94	95.11	95.22	44.33	-1,841.46	-1,850.28	232.86	101.82	131.04	1.777		
10,500.00	7,252.31	10,313.98	7,085.77	97.71	97.84	44.58	-1,841.25	-1,950.27	233.83	98.26	135.57	1.725		
10,600.00	7,253.12	10,413.97	7,086.60	100.33	100.47	44.83	-1,841.04	-2,050.26	234.80	94.67	140.13	1.676		
10,700.00	7,253.93	10,513.96	7,087.42	102.96	103.12	45.07	-1,840.83	-2,150.24	235.78	91.05	144.73	1.629		
10,800.00	7,254.74	10,613.95	7,088.25	105.61	105.78	45.32	-1,840.62	-2,250.23	236.76	87.40	149.36	1.585		
10,900.00	7,255.55	10,713.94	7,089.07	108.26	108.44	45.56	-1,840.41	-2,350.22	237.74	83.73	154.01	1.544		
11,000.00	7,256.35	10,813.93	7,089.90	110.92	111.12	45.80	-1,840.21	-2,450.20	238.73	80.03	158.70	1.504		
11,100.00	7,257.16	10,913.92	7,090.73	113.60	113.81	46.03	-1,840.00	-2,550.19	239.73	76.31	163.42	1.467 Level 3		
11,200.00	7,257.97	11,013.91	7,091.55	116.28	116.50	46.27	-1,839.79	-2,650.18	240.72	72.56	168.16	1.431 Level 3		
11,300.00	7,258.78	11,113.90	7,092.38	118.97	119.20	46.50	-1,839.58	-2,750.16	241.72	68.79	172.93	1.398 Level 3		
11,400.00	7,259.58	11,213.89	7,093.20	121.67	121.91	46.73	-1,839.37	-2,850.15	242.73	65.00	177.73	1.366 Level 3		
11,500.00	7,260.39	11,313.88	7,094.03	124.38	124.63	46.96	-1,839.16	-2,950.14	243.74	61.19	182.55	1.335 Level 3		
11,600.00	7,261.20	11,413.87	7,094.85	127.09	127.35	47.19	-1,838.95	-3,050.12	244.75	57.35	187.40	1.306 Level 3		
11,700.00	7,262.01	11,513.86	7,095.68	129.81	130.08	47.41	-1,838.74	-3,150.11	245.77	53.50	192.27	1.278 Level 3		
11,800.00	7,262.82	11,613.85	7,096.51	132.53	132.82	47.63	-1,838.53	-3,250.10	246.79	49.63	197.16	1.252 Level 3		
11,900.00	7,263.62	11,713.84	7,097.33	135.26	135.56	47.86	-1,838.32	-3,350.08	247.81	45.74	202.08	1.226 Level 2		
12,000.00	7,264.43	11,813.83	7,098.16	138.00	138.30	48.07	-1,838.11	-3,450.07	248.84	41.83	207.01	1.202 Level 2		
12,100.00	7,265.24	11,913.82	7,098.98	140.74	141.05	48.29	-1,837.90	-3,550.06	249.87	37.90	211.97	1.179 Level 2		
12,200.00	7,266.05	12,013.81	7,099.81	143.49	143.81	48.51	-1,837.70	-3,650.04	250.91	33.96	216.95	1.157 Level 2		
12,300.00	7,266.86	12,113.80	7,100.63	146.24	146.57	48.72	-1,837.49	-3,750.03	251.95	30.00	221.95	1.135 Level 2		
12,400.00	7,267.66	12,213.79	7,101.46	148.99	149.33	48.93	-1,837.28	-3,850.02	252.99	26.02	226.97	1.115 Level 2		
12,500.00	7,268.47	12,313.78	7,102.29	151.75	152.10	49.15	-1,837.07	-3,950.00	254.04	22.03	232.01	1.095 Level 2		
12,600.00	7,269.28	12,413.77	7,103.11	154.51	154.87	49.35	-1,836.86	-4,049.99	255.09	18.02	237.07	1.076 Level 2		
12,700.00	7,270.09	12,513.76	7,103.94	157.27	157.64	49.56	-1,836.65	-4,149.98	256.14	14.00	242.14	1.058 Level 2		
12,800.00	7,270.89	12,613.75	7,104.76	160.04	160.41	49.77	-1,836.44	-4,249.96	257.20	9.96	247.23	1.040 Level 2		
12,900.00	7,271.70	12,713.74	7,105.59	162.81	163.19	49.97	-1,836.23	-4,349.95	258.25	5.91	252.34	1.023 Level 2		
13,000.00	7,272.51	12,813.73	7,106.42	165.58	165.97	50.17	-1,836.02	-4,449.93	259.32	1.85	257.47	1.007 Level 2		
13,100.00	7,273.32	12,913.72	7,107.24	168.36	168.76	50.37	-1,835.81	-4,549.92	260.38	-2.23	262.61	0.992 Level 1		
13,200.00	7,274.13	13,013.71	7,108.07	171.14	171.55	50.57	-1,835.60	-4,649.91	261.45	-6.32	267.77	0.976 Level 1		
13,300.00	7,274.93	13,113.70	7,108.89	173.92	174.33	50.77	-1,835.40	-4,749.90	262.52	-10.43	272.95	0.962 Level 1		
13,400.00	7,275.74	13,213.69	7,109.72	176.71	177.13	50.96	-1,835.19	-4,849.88	263.60	-14.54	278.14	0.948 Level 1		
13,500.00	7,276.55	13,313.68	7,110.54	179.49	179.92	51.16	-1,834.98	-4,949.87	264.68	-18.67	283.35	0.934 Level 1		
13,555.88	7,277.00	13,369.57	7,111.01	181.05	181.48	51.27	-1,834.86	-5,005.74	265.28	-20.98	286.26	0.927 Level 1, ES		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	60.12					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-60.11	-0.56	60.12	53.55	6.57	9.151		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-60.11	-0.56	60.12	53.44	6.67	9.008		
300.00	299.98	299.98	299.98	3.44	3.44	35.57	-60.11	-0.56	58.69	51.80	6.89	8.524		
400.00	399.84	398.17	398.15	3.59	3.59	37.90	-61.64	0.15	56.01	48.82	7.19	7.789		
500.00	499.45	496.48	496.32	3.79	3.78	40.96	-66.22	2.28	53.71	46.12	7.59	7.077		
600.00	598.70	594.89	594.37	4.04	4.01	44.77	-73.87	5.82	51.89	43.82	8.07	6.427		
700.00	697.47	693.41	692.17	4.32	4.27	49.33	-84.58	10.79	50.67	42.04	8.63	5.871		
800.00	795.62	792.03	789.61	4.64	4.57	54.51	-98.35	17.18	50.17	40.92	9.25	5.424		
810.92	806.30	802.80	800.22	4.68	4.60	55.10	-100.04	17.96	50.16	40.84	9.32	5.382 CC		
900.00	893.06	890.75	886.57	5.01	4.90	60.13	-115.18	24.98	50.52	40.58	9.93	5.086 ES		
1,000.00	989.64	989.57	982.93	5.41	5.27	65.93	-135.04	34.19	51.81	41.12	10.68	4.850		
1,100.00	1,085.27	1,088.49	1,078.57	5.85	5.67	71.64	-157.93	44.81	54.09	42.58	11.50	4.702		
1,200.00	1,179.82	1,187.50	1,173.37	6.33	6.10	77.02	-183.83	56.82	57.38	44.97	12.41	4.624		
1,300.00	1,273.78	1,286.64	1,267.25	6.85	6.57	80.39	-212.73	70.22	61.90	48.52	13.38	4.625		
1,400.00	1,367.75	1,385.79	1,359.98	7.38	7.08	80.49	-244.56	84.98	67.60	53.20	14.40	4.694		
1,500.00	1,461.72	1,484.70	1,451.22	7.93	7.62	78.06	-279.19	101.04	74.45	59.00	15.45	4.820		
1,600.00	1,555.69	1,583.14	1,540.67	8.49	8.20	73.88	-316.48	118.33	82.78	66.29	16.49	5.020		
1,700.00	1,649.66	1,681.37	1,628.53	9.07	8.81	68.72	-356.31	136.81	93.06	75.54	17.52	5.313		
1,800.00	1,743.63	1,780.42	1,716.76	9.65	9.45	64.19	-397.15	155.75	104.42	85.86	18.56	5.627		
1,900.00	1,837.60	1,879.47	1,804.99	10.24	10.11	60.56	-437.98	174.68	116.30	96.70	19.60	5.934		
2,000.00	1,931.57	1,978.52	1,893.22	10.83	10.79	57.62	-478.82	193.62	128.55	107.90	20.65	6.226		
2,100.00	2,025.54	2,077.57	1,981.45	11.43	11.47	55.18	-519.66	212.56	141.08	119.37	21.70	6.500		
2,200.00	2,119.51	2,176.62	2,069.68	12.03	12.17	53.15	-560.49	231.50	153.82	131.05	22.77	6.756		
2,300.00	2,213.48	2,275.67	2,157.91	12.64	12.87	51.43	-601.33	250.44	166.72	142.88	23.84	6.994		
2,400.00	2,307.45	2,374.71	2,246.14	13.25	13.58	49.96	-642.16	269.37	179.75	154.83	24.92	7.214		
2,500.00	2,401.42	2,473.76	2,334.37	13.87	14.30	48.69	-683.00	288.31	192.87	166.87	26.00	7.418		
2,600.00	2,495.39	2,572.81	2,422.60	14.48	15.02	47.57	-723.84	307.25	206.08	179.00	27.09	7.608		
2,700.00	2,589.35	2,671.86	2,510.83	15.10	15.74	46.60	-764.67	326.19	219.36	191.18	28.18	7.783		
2,800.00	2,683.32	2,770.91	2,599.06	15.72	16.47	45.73	-805.51	345.13	232.70	203.41	29.28	7.946		
2,900.00	2,777.29	2,869.96	2,687.29	16.34	17.20	44.96	-846.34	364.07	246.08	215.69	30.39	8.098		
3,000.00	2,871.26	2,969.01	2,775.52	16.97	17.93	44.27	-887.18	383.00	259.49	228.00	31.50	8.239		
3,100.00	2,965.23	3,068.06	2,863.75	17.59	18.67	43.65	-928.02	401.94	272.95	240.34	32.61	8.370		
3,200.00	3,059.20	3,167.11	2,951.98	18.22	19.40	43.08	-968.85	420.88	286.43	252.70	33.73	8.493		
3,300.00	3,153.17	3,266.16	3,040.21	18.84	20.14	42.57	-1,009.69	439.82	299.94	265.09	34.84	8.608		
3,400.00	3,247.14	3,365.21	3,128.44	19.47	20.88	42.10	-1,050.52	458.76	313.46	277.50	35.96	8.716		
3,500.00	3,341.11	3,464.26	3,216.67	20.10	21.63	41.66	-1,091.36	477.69	327.01	289.92	37.09	8.817		
3,600.00	3,435.08	3,563.31	3,304.90	20.73	22.37	41.27	-1,132.20	496.63	340.57	302.36	38.21	8.912		
3,700.00	3,529.05	3,662.36	3,393.13	21.36	23.12	40.90	-1,173.03	515.57	354.15	314.81	39.34	9.002		
3,800.00	3,623.02	3,761.41	3,481.36	21.99	23.86	40.56	-1,213.87	534.51	367.74	327.27	40.47	9.086		
3,900.00	3,716.99	3,860.45	3,569.59	22.62	24.61	40.25	-1,254.70	553.45	381.35	339.74	41.60	9.166		
4,000.00	3,810.95	3,959.50	3,657.82	23.25	25.36	39.95	-1,295.54	572.38	394.96	352.22	42.74	9.241		
4,100.00	3,904.92	4,058.55	3,746.05	23.88	26.11	39.68	-1,336.38	591.32	408.59	364.71	43.87	9.313		
4,200.00	3,998.89	4,157.60	3,834.28	24.52	26.86	39.42	-1,377.21	610.26	422.22	377.21	45.01	9.381		
4,300.00	4,092.86	4,256.65	3,922.51	25.15	27.61	39.18	-1,418.05	629.20	435.86	389.71	46.15	9.445		
4,400.00	4,186.83	4,355.70	4,010.74	25.78	28.36	38.96	-1,458.88	648.14	449.51	402.22	47.29	9.506		
4,500.00	4,280.80	4,454.75	4,098.97	26.42	29.11	38.74	-1,499.72	667.08	463.16	414.73	48.43	9.564		
4,600.00	4,374.77	4,553.80	4,187.20	27.05	29.86	38.54	-1,540.56	686.01	476.82	427.25	49.57	9.619		
4,700.00	4,468.74	4,652.85	4,275.43	27.68	30.61	38.36	-1,581.39	704.95	490.48	439.77	50.71	9.672		
4,800.00	4,562.71	4,751.90	4,363.66	28.32	31.37	38.18	-1,622.23	723.89	504.15	452.30	51.85	9.723		
4,900.00	4,656.68	4,850.95	4,451.89	28.95	32.12	38.01	-1,663.06	742.83	517.83	464.83	53.00	9.771		
5,000.00	4,750.65	4,950.00	4,540.12	29.59	32.88	37.85	-1,703.90	761.77	531.51	477.36	54.14	9.817		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,844.62	5,049.05	4,628.35	30.23	33.63	37.69	-1,744.74	780.70	545.19	489.90	55.29	9.861		
5,200.00	4,938.59	5,148.10	4,716.58	30.86	34.39	37.55	-1,785.57	799.64	558.87	502.44	56.43	9.903		
5,300.00	5,032.56	5,247.15	4,804.81	31.50	35.14	37.41	-1,826.41	818.58	572.56	514.98	57.58	9.944		
5,400.00	5,126.52	5,346.20	4,893.04	32.13	35.90	37.28	-1,867.24	837.52	586.26	527.53	58.73	9.982		
5,500.00	5,220.49	5,445.24	4,981.27	32.77	36.65	37.15	-1,908.08	856.46	599.95	540.07	59.88	10.020		
5,600.00	5,314.46	5,544.29	5,069.50	33.41	37.41	37.03	-1,948.92	875.39	613.65	552.62	61.03	10.056		
5,700.00	5,408.43	5,643.34	5,157.73	34.04	38.16	36.92	-1,989.75	894.33	627.35	565.17	62.18	10.090		
5,800.00	5,502.40	5,742.39	5,245.96	34.68	38.92	36.81	-2,030.59	913.27	641.05	577.73	63.33	10.123		
5,900.00	5,596.37	5,841.44	5,334.19	35.32	39.68	36.70	-2,071.42	932.21	654.76	590.28	64.48	10.155		
6,000.00	5,690.34	5,940.49	5,422.42	35.96	40.44	36.60	-2,112.26	951.15	668.47	602.84	65.63	10.186		
6,100.00	5,784.31	6,039.54	5,510.65	36.59	41.19	36.51	-2,153.10	970.09	682.17	615.40	66.78	10.216		
6,200.00	5,878.28	6,138.59	5,598.88	37.23	41.95	36.41	-2,193.93	989.02	695.89	627.96	67.93	10.244		
6,300.00	5,972.25	6,237.64	5,687.11	37.87	42.71	36.32	-2,234.77	1,007.96	709.60	640.52	69.08	10.272		
6,400.00	6,066.22	6,336.69	5,775.34	38.51	43.47	36.24	-2,275.60	1,026.90	723.31	653.08	70.23	10.299		
6,500.00	6,160.19	6,435.74	5,863.57	39.14	44.22	36.15	-2,316.44	1,045.84	737.03	665.64	71.39	10.325		
6,600.00	6,254.16	6,534.79	5,951.80	39.78	44.98	36.07	-2,357.28	1,064.78	750.75	678.21	72.54	10.349		
6,700.00	6,348.13	6,633.84	6,040.03	40.42	45.74	36.00	-2,398.11	1,083.71	764.47	690.77	73.69	10.374		
6,800.00	6,442.09	6,732.89	6,128.26	41.06	46.50	35.92	-2,438.95	1,102.65	778.19	703.34	74.85	10.397		
6,869.92	6,507.80	6,802.14	6,189.96	41.51	47.03	35.87	-2,467.50	1,115.89	787.78	712.13	75.65	10.413		
6,900.00	6,536.18	6,831.92	6,216.48	41.69	47.26	29.39	-2,479.78	1,121.59	791.86	715.87	75.98	10.421		
6,950.00	6,583.76	6,881.25	6,260.42	41.98	47.64	16.46	-2,500.11	1,131.02	798.41	721.96	76.45	10.443		
7,000.00	6,631.58	6,930.09	6,303.92	42.23	48.01	1.78	-2,520.25	1,140.36	804.72	727.89	76.83	10.474		
7,050.00	6,679.34	6,978.13	6,346.72	42.44	48.38	-12.81	-2,540.06	1,149.54	810.87	733.75	77.12	10.514		
7,100.00	6,726.76	7,025.10	6,388.55	42.62	48.74	-25.67	-2,559.42	1,158.52	816.98	739.65	77.33	10.564		
7,150.00	6,773.53	7,070.68	6,429.16	42.78	49.09	-36.21	-2,578.21	1,167.24	823.24	745.75	77.49	10.624		
7,200.00	6,819.38	7,114.61	6,468.29	42.91	49.42	-44.60	-2,596.32	1,175.64	829.84	752.25	77.59	10.696		
7,250.00	6,864.01	7,156.61	6,505.70	43.03	49.75	-51.27	-2,613.64	1,183.67	837.03	759.37	77.65	10.779		
7,300.00	6,907.16	7,196.43	6,541.17	43.14	50.05	-56.60	-2,630.06	1,191.28	845.04	767.34	77.70	10.876		
7,350.00	6,948.56	7,241.11	6,581.20	43.24	50.38	-61.14	-2,648.58	1,198.36	853.98	776.13	77.86	10.968		
7,400.00	6,987.94	7,288.50	6,624.05	43.35	50.70	-64.99	-2,668.38	1,202.47	863.73	785.62	78.11	11.058		
7,450.00	7,025.08	7,338.98	6,669.86	43.46	51.00	-68.32	-2,689.53	1,202.98	874.21	795.77	78.44	11.145		
7,500.00	7,059.73	7,393.23	6,718.98	43.57	51.28	-71.27	-2,712.19	1,199.06	885.33	806.50	78.83	11.231		
7,550.00	7,091.70	7,452.11	6,771.74	43.70	51.53	-73.97	-2,736.50	1,189.62	896.95	817.69	79.25	11.318		
7,600.00	7,120.77	7,516.68	6,828.44	43.84	51.74	-76.49	-2,762.59	1,173.15	908.88	829.22	79.66	11.410		
7,650.00	7,146.77	7,588.27	6,889.18	44.00	51.92	-78.91	-2,790.50	1,147.61	920.89	840.88	80.00	11.511		
7,700.00	7,169.54	7,668.43	6,953.62	44.18	52.08	-81.24	-2,820.05	1,110.32	932.65	852.39	80.26	11.621		
7,750.00	7,188.94	7,758.86	7,020.58	44.38	52.21	-83.51	-2,850.69	1,057.96	943.77	863.32	80.44	11.732		
7,800.00	7,204.85	7,800.00	7,074.32	44.61	52.26	-85.15	-2,875.21	1,002.17	953.69	873.21	80.48	11.849		
7,850.00	7,217.17	7,976.01	7,148.95	44.88	52.51	-87.56	-2,909.10	894.23	961.88	880.57	81.32	11.829		
7,900.00	7,225.83	8,102.77	7,198.22	45.17	52.76	-89.03	-2,931.24	779.79	967.62	884.82	82.80	11.686		
7,950.00	7,230.77	8,238.13	7,227.06	45.50	53.16	-89.86	-2,943.85	648.41	970.34	884.78	85.56	11.341		
7,985.49	7,232.00	8,324.29	7,232.04	45.75	53.50	-90.00	-2,945.70	562.47	970.29	882.43	87.86	11.044		
8,000.00	7,232.12	8,338.79	7,232.12	45.86	53.57	-89.99	-2,945.66	547.97	970.08	881.87	88.21	10.997		
8,100.00	7,232.93	8,438.78	7,232.71	46.71	54.08	-89.98	-2,945.40	447.98	968.62	877.85	90.77	10.671		
8,200.00	7,233.74	8,538.77	7,233.29	47.73	54.70	-89.97	-2,945.14	347.99	967.17	873.56	93.61	10.332		
8,300.00	7,234.54	8,638.76	7,233.87	48.94	55.46	-89.95	-2,944.88	248.01	965.72	869.01	96.70	9.986		
8,400.00	7,235.35	8,738.75	7,234.45	50.32	56.37	-89.94	-2,944.62	148.02	964.27	864.24	100.03	9.640		
8,500.00	7,236.16	8,838.74	7,235.03	51.86	57.45	-89.93	-2,944.36	48.03	962.81	859.25	103.56	9.297		
8,600.00	7,236.97	8,938.73	7,235.61	53.54	58.69	-89.91	-2,944.09	-51.95	961.36	854.08	107.28	8.961		
8,700.00	7,237.77	9,038.72	7,236.19	55.33	60.10	-89.90	-2,943.83	-151.94	959.91	848.73	111.18	8.634		
8,800.00	7,238.58	9,138.71	7,236.77	57.24	61.67	-89.89	-2,943.57	-251.93	958.46	843.24	115.22	8.318		
8,900.00	7,239.39	9,238.69	7,237.35	59.24	63.37	-89.87	-2,943.31	-351.92	957.00	837.60	119.40	8.015		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,240.20	9,338.68	7,237.93	61.31	65.19	-89.86	-2,943.05	-451.90	955.55	831.84	123.71	7.724		
9,100.00	7,241.01	9,438.67	7,238.52	63.46	67.12	-89.84	-2,942.79	-551.89	954.10	825.98	128.12	7.447		
9,200.00	7,241.81	9,538.66	7,239.10	65.67	69.14	-89.83	-2,942.53	-651.88	952.65	820.01	132.64	7.182		
9,300.00	7,242.62	9,638.65	7,239.68	67.93	71.24	-89.82	-2,942.27	-751.86	951.20	813.95	137.24	6.931		
9,400.00	7,243.43	9,738.64	7,240.26	70.25	73.40	-89.80	-2,942.01	-851.85	949.74	807.81	141.93	6.692		
9,500.00	7,244.24	9,838.63	7,240.84	72.60	75.63	-89.79	-2,941.74	-951.84	948.29	801.60	146.69	6.465		
9,600.00	7,245.04	9,938.62	7,241.42	74.99	77.91	-89.77	-2,941.48	-1,051.83	946.84	795.33	151.51	6.249		
9,700.00	7,245.85	10,038.61	7,242.00	77.42	80.23	-89.76	-2,941.22	-1,151.81	945.39	788.99	156.40	6.045		
9,800.00	7,246.66	10,138.60	7,242.58	79.87	82.60	-89.75	-2,940.96	-1,251.80	943.94	782.60	161.34	5.851		
9,900.00	7,247.47	10,238.59	7,243.16	82.36	85.00	-89.73	-2,940.70	-1,351.79	942.49	776.15	166.33	5.666		
10,000.00	7,248.28	10,338.58	7,243.74	84.87	87.44	-89.72	-2,940.44	-1,451.77	941.03	769.67	171.37	5.491		
10,100.00	7,249.08	10,438.56	7,244.32	87.40	89.90	-89.70	-2,940.18	-1,551.76	939.58	763.14	176.45	5.325		
10,200.00	7,249.89	10,538.55	7,244.91	89.95	92.39	-89.69	-2,939.92	-1,651.75	938.13	756.57	181.56	5.167		
10,300.00	7,250.70	10,638.54	7,245.49	92.52	94.91	-89.67	-2,939.65	-1,751.74	936.68	749.97	186.71	5.017		
10,400.00	7,251.51	10,738.53	7,246.07	95.11	97.44	-89.66	-2,939.39	-1,851.72	935.23	743.33	191.89	4.874		
10,500.00	7,252.31	10,838.52	7,246.65	97.71	100.00	-89.65	-2,939.13	-1,951.71	933.78	736.67	197.11	4.737		
10,600.00	7,253.12	10,938.51	7,247.23	100.33	102.57	-89.63	-2,938.87	-2,051.70	932.33	729.98	202.35	4.608		
10,700.00	7,253.93	11,038.50	7,247.81	102.96	105.16	-89.62	-2,938.61	-2,151.68	930.87	723.26	207.61	4.484		
10,800.00	7,254.74	11,138.49	7,248.39	105.61	107.76	-89.60	-2,938.35	-2,251.67	929.42	716.52	212.90	4.366		
10,900.00	7,255.55	11,238.48	7,248.97	108.26	110.38	-89.59	-2,938.09	-2,351.66	927.97	709.76	218.21	4.253		
11,000.00	7,256.35	11,338.47	7,249.55	110.92	113.01	-89.57	-2,937.83	-2,451.65	926.52	702.98	223.54	4.145		
11,100.00	7,257.16	11,438.46	7,250.13	113.60	115.66	-89.56	-2,937.56	-2,551.63	925.07	696.18	228.89	4.042		
11,200.00	7,257.97	11,538.45	7,250.72	116.28	118.31	-89.54	-2,937.30	-2,651.62	923.62	689.36	234.26	3.943		
11,300.00	7,258.78	11,638.44	7,251.30	118.97	120.97	-89.53	-2,937.04	-2,751.61	922.17	682.53	239.64	3.848		
11,400.00	7,259.58	11,738.42	7,251.88	121.67	123.65	-89.51	-2,936.78	-2,851.60	920.72	675.68	245.04	3.757		
11,500.00	7,260.39	11,838.41	7,252.46	124.38	126.33	-89.50	-2,936.52	-2,951.58	919.27	668.82	250.45	3.670		
11,600.00	7,261.20	11,938.40	7,253.04	127.09	129.02	-89.48	-2,936.26	-3,051.57	917.82	661.94	255.88	3.587		
11,700.00	7,262.01	12,038.39	7,253.62	129.81	131.72	-89.47	-2,936.00	-3,151.56	916.37	655.05	261.31	3.507		
11,800.00	7,262.82	12,138.38	7,254.20	132.53	134.42	-89.45	-2,935.74	-3,251.54	914.91	648.15	266.76	3.430		
11,900.00	7,263.62	12,238.37	7,254.78	135.26	137.13	-89.44	-2,935.48	-3,351.53	913.46	641.24	272.22	3.356		
12,000.00	7,264.43	12,338.36	7,255.36	138.00	139.85	-89.42	-2,935.21	-3,451.52	912.01	634.32	277.69	3.284		
12,100.00	7,265.24	12,438.35	7,255.94	140.74	142.57	-89.41	-2,934.95	-3,551.51	910.56	627.39	283.18	3.216		
12,200.00	7,266.05	12,538.34	7,256.52	143.49	145.30	-89.39	-2,934.69	-3,651.49	909.11	620.45	288.67	3.149		
12,300.00	7,266.86	12,638.33	7,257.11	146.24	148.04	-89.38	-2,934.43	-3,751.48	907.66	613.50	294.16	3.086		
12,400.00	7,267.66	12,738.32	7,257.69	148.99	150.78	-89.36	-2,934.17	-3,851.47	906.21	606.54	299.67	3.024		
12,500.00	7,268.47	12,838.31	7,258.27	151.75	153.52	-89.35	-2,933.91	-3,951.45	904.76	599.58	305.18	2.965		
12,600.00	7,269.28	12,938.29	7,258.85	154.51	156.27	-89.33	-2,933.65	-4,051.44	903.31	592.61	310.71	2.907		
12,700.00	7,270.09	13,038.28	7,259.43	157.27	159.02	-89.32	-2,933.39	-4,151.43	901.86	585.63	316.24	2.852		
12,800.00	7,270.89	13,138.27	7,260.01	160.04	161.78	-89.30	-2,933.12	-4,251.42	900.41	578.64	321.77	2.798		
12,900.00	7,271.70	13,238.26	7,260.59	162.81	164.54	-89.29	-2,932.86	-4,351.40	898.96	571.65	327.31	2.746		
13,000.00	7,272.51	13,338.25	7,261.17	165.58	167.30	-89.27	-2,932.60	-4,451.39	897.51	564.65	332.86	2.696		
13,100.00	7,273.32	13,438.24	7,261.75	168.36	170.07	-89.25	-2,932.34	-4,551.38	896.06	557.65	338.41	2.648		
13,150.60	7,273.73	13,488.84	7,262.05	169.77	171.47	-89.25	-2,932.21	-4,601.97	895.33	554.11	341.22	2.624 SF		
13,200.00	7,274.13	13,480.77	7,262.00	171.14	171.24	-89.25	-2,932.23	-4,593.91	896.46	555.38	341.07	2.628		
13,300.00	7,274.93	13,480.77	7,262.00	173.92	171.24	-89.25	-2,932.23	-4,593.91	906.94	568.38	338.55	2.679		
13,400.00	7,275.74	13,480.77	7,262.00	176.71	171.24	-89.25	-2,932.23	-4,593.91	928.13	595.61	332.52	2.791		
13,500.00	7,276.55	13,480.77	7,262.00	179.49	171.24	-89.25	-2,932.23	-4,593.91	959.34	635.69	323.65	2.964		
13,555.88	7,277.00	13,480.77	7,262.00	181.05	171.24	-89.25	-2,932.23	-4,593.91	980.79	663.04	317.75	3.087		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-179.65	-45.18	-0.28	45.18					
100.00	100.00	100.00	100.00	3.28	3.28	-179.65	-45.18	-0.28	45.18	38.61	6.57	6.877		
200.00	200.00	200.00	200.00	3.34	3.34	-179.65	-45.18	-0.28	45.18	38.50	6.67	6.769		
300.00	299.98	299.98	299.98	3.44	3.44	35.72	-45.18	-0.28	43.75	36.86	6.89	6.354		
400.00	399.84	398.65	398.63	3.59	3.59	38.84	-46.70	0.48	41.08	33.89	7.19	5.712		
500.00	499.45	497.43	497.27	3.79	3.78	42.94	-51.26	2.76	38.79	31.20	7.59	5.111		
600.00	598.70	596.33	595.80	4.04	4.01	48.07	-58.88	6.56	37.02	28.95	8.07	4.586		
700.00	697.47	695.33	694.08	4.32	4.28	54.16	-69.55	11.88	35.90	27.28	8.63	4.162		
787.27	783.17	781.83	779.56	4.60	4.54	60.10	-81.35	17.77	35.57	26.41	9.16	3.882 CC		
800.00	795.62	794.45	792.00	4.64	4.58	61.00	-83.27	18.72	35.58	26.33	9.25	3.848		
900.00	893.06	893.67	889.43	5.01	4.91	68.20	-100.03	27.08	36.17	26.23	9.93	3.641 ES		
1,000.00	989.64	993.00	986.26	5.41	5.28	75.30	-119.82	36.95	37.72	27.03	10.69	3.528		
1,100.00	1,085.27	1,092.44	1,082.37	5.85	5.69	81.90	-142.63	48.33	40.25	28.72	11.53	3.490		
1,200.00	1,179.82	1,191.98	1,177.63	6.33	6.12	87.72	-168.44	61.20	43.68	31.23	12.45	3.508		
1,300.00	1,273.78	1,291.65	1,271.96	6.85	6.60	90.65	-197.23	75.57	47.89	34.45	13.44	3.564		
1,400.00	1,367.75	1,391.32	1,365.12	7.38	7.11	89.34	-228.95	91.39	52.56	38.09	14.48	3.631		
1,500.00	1,461.72	1,490.75	1,456.76	7.93	7.66	84.85	-263.46	108.60	57.89	42.35	15.54	3.724		
1,600.00	1,555.69	1,589.71	1,546.58	8.49	8.24	78.22	-300.61	127.13	64.55	47.94	16.61	3.887		
1,700.00	1,649.66	1,688.81	1,635.49	9.07	8.86	71.13	-339.77	146.67	72.96	55.31	17.65	4.134		
1,800.00	1,743.63	1,788.08	1,724.51	9.65	9.50	65.48	-379.09	166.28	82.30	63.62	18.68	4.406		
1,900.00	1,837.60	1,887.35	1,813.53	10.24	10.16	61.02	-418.41	185.89	92.27	72.57	19.70	4.683		
2,000.00	1,931.57	1,986.62	1,902.54	10.83	10.83	57.44	-457.73	205.50	102.69	81.96	20.74	4.953		
2,100.00	2,025.54	2,085.89	1,991.56	11.43	11.51	54.52	-497.05	225.11	113.44	91.67	21.77	5.210		
2,200.00	2,119.51	2,185.16	2,080.58	12.03	12.20	52.12	-536.36	244.72	124.42	101.61	22.82	5.453		
2,300.00	2,213.48	2,284.43	2,169.60	12.64	12.90	50.11	-575.68	264.34	135.59	111.73	23.87	5.681		
2,400.00	2,307.45	2,383.70	2,258.61	13.25	13.60	48.40	-615.00	283.95	146.90	121.97	24.93	5.894		
2,500.00	2,401.42	2,482.97	2,347.63	13.87	14.31	46.94	-654.32	303.56	158.32	132.33	25.99	6.091		
2,600.00	2,495.39	2,582.24	2,436.65	14.48	15.02	45.68	-693.63	323.17	169.82	142.76	27.06	6.275		
2,700.00	2,589.35	2,681.51	2,525.67	15.10	15.73	44.57	-732.95	342.78	181.40	153.26	28.14	6.446		
2,800.00	2,683.32	2,780.79	2,614.69	15.72	16.45	43.60	-772.27	362.39	193.04	163.81	29.22	6.606		
2,900.00	2,777.29	2,880.06	2,703.70	16.34	17.17	42.74	-811.59	382.01	204.72	174.41	30.31	6.754		
3,000.00	2,871.26	2,979.33	2,792.72	16.97	17.90	41.97	-850.90	401.62	216.45	185.04	31.40	6.893		
3,100.00	2,965.23	3,078.60	2,881.74	17.59	18.62	41.29	-890.22	421.23	228.20	195.71	32.50	7.022		
3,200.00	3,059.20	3,177.87	2,970.76	18.22	19.35	40.66	-929.54	440.84	239.99	206.39	33.60	7.143		
3,300.00	3,153.17	3,277.14	3,059.78	18.84	20.08	40.10	-968.86	460.45	251.81	217.11	34.70	7.256		
3,400.00	3,247.14	3,376.41	3,148.79	19.47	20.81	39.59	-1,008.18	480.06	263.64	227.84	35.81	7.363		
3,500.00	3,341.11	3,475.68	3,237.81	20.10	21.55	39.12	-1,047.49	499.68	275.50	238.58	36.92	7.463		
3,600.00	3,435.08	3,574.95	3,326.83	20.73	22.28	38.69	-1,086.81	519.29	287.37	249.34	38.03	7.557		
3,700.00	3,529.05	3,674.22	3,415.85	21.36	23.02	38.30	-1,126.13	538.90	299.25	260.11	39.14	7.646		
3,800.00	3,623.02	3,773.49	3,504.87	21.99	23.75	37.93	-1,165.45	558.51	311.15	270.90	40.25	7.730		
3,900.00	3,716.99	3,872.76	3,593.88	22.62	24.49	37.59	-1,204.76	578.12	323.06	281.69	41.37	7.809		
4,000.00	3,810.95	3,972.03	3,682.90	23.25	25.23	37.28	-1,244.08	597.73	334.98	292.49	42.49	7.884		
4,100.00	3,904.92	4,071.31	3,771.92	23.88	25.97	36.99	-1,283.40	617.35	346.91	303.30	43.61	7.955		
4,200.00	3,998.89	4,170.58	3,860.94	24.52	26.71	36.71	-1,322.72	636.96	358.85	314.12	44.73	8.022		
4,300.00	4,092.86	4,269.85	3,949.96	25.15	27.45	36.46	-1,362.03	656.57	370.80	324.94	45.86	8.086		
4,400.00	4,186.83	4,369.12	4,038.97	25.78	28.19	36.22	-1,401.35	676.18	382.75	335.77	46.98	8.147		
4,500.00	4,280.80	4,468.39	4,127.99	26.42	28.94	35.99	-1,440.67	695.79	394.71	346.60	48.11	8.205		
4,600.00	4,374.77	4,567.66	4,217.01	27.05	29.68	35.78	-1,479.99	715.40	406.67	357.44	49.23	8.260		
4,700.00	4,468.74	4,666.93	4,306.03	27.68	30.42	35.58	-1,519.31	735.02	418.64	368.28	50.36	8.313		
4,800.00	4,562.71	4,766.20	4,395.04	28.32	31.16	35.39	-1,558.62	754.63	430.62	379.13	51.49	8.363		
4,900.00	4,656.68	4,865.47	4,484.06	28.95	31.91	35.21	-1,597.94	774.24	442.60	389.98	52.62	8.411		
5,000.00	4,750.65	4,964.74	4,573.08	29.59	32.65	35.04	-1,637.26	793.85	454.58	400.83	53.75	8.457		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,844.62	5,064.01	4,662.10	30.23	33.40	34.88	-1,676.58	813.46	466.57	411.68	54.88	8.501		
5,200.00	4,938.59	5,163.28	4,751.12	30.86	34.14	34.73	-1,715.89	833.07	478.56	422.54	56.02	8.543		
5,300.00	5,032.56	5,262.55	4,840.13	31.50	34.89	34.59	-1,755.21	852.69	490.55	433.40	57.15	8.584		
5,400.00	5,126.52	5,361.83	4,929.15	32.13	35.63	34.45	-1,794.53	872.30	502.55	444.26	58.28	8.623		
5,500.00	5,220.49	5,461.10	5,018.17	32.77	36.38	34.32	-1,833.85	891.91	514.54	455.13	59.42	8.660		
5,600.00	5,314.46	5,560.37	5,107.19	33.41	37.13	34.19	-1,873.16	911.52	526.55	465.99	60.55	8.696		
5,700.00	5,408.43	5,659.64	5,196.21	34.04	37.87	34.07	-1,912.48	931.13	538.55	476.86	61.69	8.730		
5,800.00	5,502.40	5,758.91	5,285.22	34.68	38.62	33.96	-1,951.80	950.74	550.56	487.73	62.82	8.764		
5,900.00	5,596.37	5,858.18	5,374.24	35.32	39.37	33.85	-1,991.12	970.36	562.56	498.60	63.96	8.796		
6,000.00	5,690.34	5,957.45	5,463.26	35.96	40.12	33.74	-2,030.43	989.97	574.57	509.48	65.10	8.827		
6,100.00	5,784.31	6,056.72	5,552.28	36.59	40.86	33.64	-2,069.75	1,009.58	586.59	520.35	66.23	8.856		
6,200.00	5,878.28	6,155.99	5,641.30	37.23	41.61	33.54	-2,109.07	1,029.19	598.60	531.23	67.37	8.885		
6,300.00	5,972.25	6,255.26	5,730.31	37.87	42.36	33.45	-2,148.39	1,048.80	610.61	542.10	68.51	8.913		
6,400.00	6,066.22	6,354.53	5,819.33	38.51	43.11	33.36	-2,187.71	1,068.41	622.63	552.98	69.65	8.940		
6,500.00	6,160.19	6,453.80	5,908.35	39.14	43.85	33.27	-2,227.02	1,088.03	634.65	563.86	70.79	8.966		
6,600.00	6,254.16	6,553.07	5,997.37	39.78	44.60	33.19	-2,266.34	1,107.64	646.67	574.74	71.93	8.991		
6,700.00	6,348.13	6,652.35	6,086.39	40.42	45.35	33.11	-2,305.66	1,127.25	658.69	585.62	73.07	9.015		
6,800.00	6,442.09	6,751.62	6,175.40	41.06	46.10	33.03	-2,344.98	1,146.86	670.71	596.51	74.21	9.039		
6,869.92	6,507.80	6,821.03	6,237.65	41.51	46.62	32.98	-2,372.47	1,160.57	679.12	604.11	75.00	9.055		
6,900.00	6,536.18	6,850.87	6,264.41	41.69	46.85	26.45	-2,384.29	1,166.47	682.72	607.39	75.33	9.063		
6,950.00	6,583.76	6,900.28	6,308.71	41.98	47.22	13.41	-2,403.86	1,176.23	688.65	612.86	75.78	9.087		
7,000.00	6,631.58	6,949.18	6,352.56	42.23	47.59	-1.40	-2,423.22	1,185.89	694.55	618.40	76.14	9.122		
7,050.00	6,679.34	6,997.54	6,396.03	42.44	47.95	-16.09	-2,442.42	1,194.85	700.51	624.09	76.42	9.166		
7,100.00	6,726.76	7,046.64	6,440.64	42.62	48.28	-28.87	-2,462.10	1,200.58	706.59	629.89	76.70	9.212		
7,150.00	6,773.53	7,096.73	6,486.42	42.78	48.59	-39.14	-2,482.28	1,202.52	712.74	635.75	76.99	9.257		
7,200.00	6,819.38	7,147.86	6,533.17	42.91	48.86	-47.14	-2,502.86	1,200.45	718.92	641.61	77.31	9.300		
7,250.00	6,864.01	7,200.10	6,580.62	43.03	49.09	-53.34	-2,523.73	1,194.11	725.09	647.44	77.65	9.338		
7,300.00	6,907.16	7,253.52	6,628.49	43.14	49.28	-58.20	-2,544.77	1,183.25	731.19	653.17	78.02	9.372		
7,350.00	6,948.56	7,308.16	6,676.43	43.24	49.45	-62.07	-2,565.80	1,167.65	737.18	658.76	78.42	9.400		
7,400.00	6,987.94	7,364.08	6,724.04	43.35	49.57	-65.21	-2,586.67	1,147.10	742.99	664.13	78.86	9.421		
7,450.00	7,025.08	7,421.30	6,770.87	43.46	49.69	-67.77	-2,607.17	1,121.43	748.57	669.23	79.33	9.436		
7,500.00	7,059.73	7,479.84	6,816.41	43.57	49.78	-69.90	-2,627.06	1,090.54	753.84	674.00	79.84	9.441		
7,550.00	7,091.70	7,539.68	6,860.09	43.70	49.87	-71.68	-2,646.12	1,054.38	758.75	678.34	80.41	9.436		
7,600.00	7,120.77	7,600.80	6,901.30	43.84	49.95	-73.17	-2,664.06	1,012.99	763.24	682.20	81.04	9.418		
7,650.00	7,146.77	7,663.14	6,939.40	44.00	50.05	-74.41	-2,680.60	966.54	767.23	685.46	81.76	9.383		
7,700.00	7,169.54	7,726.59	6,973.74	44.18	50.15	-75.44	-2,695.46	915.32	770.68	688.07	82.61	9.330		
7,750.00	7,188.94	7,791.05	7,003.67	44.38	50.28	-76.27	-2,708.35	859.75	773.52	689.93	83.59	9.254		
7,800.00	7,204.85	7,856.34	7,028.60	44.61	50.44	-76.93	-2,719.02	800.38	775.71	690.98	84.73	9.155		
7,850.00	7,217.17	7,922.28	7,048.00	44.88	50.64	-77.42	-2,727.24	737.93	777.22	691.17	86.05	9.033		
7,900.00	7,225.83	7,988.66	7,061.47	45.17	50.87	-77.76	-2,732.84	673.20	778.01	690.48	87.52	8.889		
7,950.00	7,230.77	8,055.25	7,068.71	45.50	51.15	-77.93	-2,735.68	607.09	778.07	688.92	89.15	8.728		
7,985.49	7,232.00	8,100.44	7,070.03	45.75	51.37	-77.97	-2,736.03	561.94	777.67	687.37	90.30	8.612		
8,000.00	7,232.12	8,114.95	7,070.11	45.86	51.45	-77.96	-2,735.98	547.43	777.47	686.81	90.66	8.576		
8,100.00	7,232.93	8,214.94	7,070.63	46.71	52.04	-77.92	-2,735.69	447.44	776.08	682.84	93.24	8.323		
8,200.00	7,233.74	8,314.93	7,071.15	47.73	52.76	-77.88	-2,735.40	347.46	774.69	678.60	96.08	8.063		
8,300.00	7,234.54	8,414.92	7,071.67	48.94	53.63	-77.83	-2,735.11	247.47	773.30	674.14	99.16	7.799		
8,400.00	7,235.35	8,514.90	7,072.20	50.32	54.67	-77.79	-2,734.81	147.48	771.90	669.46	102.45	7.535		
8,500.00	7,236.16	8,614.89	7,072.72	51.86	55.88	-77.75	-2,734.52	47.50	770.51	664.58	105.93	7.274		
8,600.00	7,236.97	8,714.88	7,073.24	53.54	57.26	-77.70	-2,734.23	-52.49	769.12	659.54	109.59	7.018		
8,700.00	7,237.77	8,814.87	7,073.77	55.33	58.79	-77.66	-2,733.93	-152.48	767.74	654.33	113.40	6.770		
8,800.00	7,238.58	8,914.86	7,074.29	57.24	60.47	-77.61	-2,733.64	-252.47	766.35	648.99	117.36	6.530		
8,900.00	7,239.39	9,014.85	7,074.81	59.24	62.27	-77.57	-2,733.35	-352.45	764.96	643.51	121.44	6.299		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,240.20	9,114.84	7,075.34	61.31	64.17	-77.52	-2,733.06	-452.44	763.57	637.93	125.64	6.077		
9,100.00	7,241.01	9,214.82	7,075.86	63.46	66.18	-77.48	-2,732.76	-552.43	762.18	632.24	129.95	5.865		
9,200.00	7,241.81	9,314.81	7,076.38	65.67	68.26	-77.43	-2,732.47	-652.41	760.80	626.45	134.34	5.663		
9,300.00	7,242.62	9,414.80	7,076.90	67.93	70.42	-77.39	-2,732.18	-752.40	759.41	620.59	138.82	5.470		
9,400.00	7,243.43	9,514.79	7,077.43	70.25	72.64	-77.34	-2,731.89	-852.39	758.02	614.64	143.38	5.287		
9,500.00	7,244.24	9,614.78	7,077.95	72.60	74.91	-77.30	-2,731.59	-952.37	756.64	608.63	148.00	5.112		
9,600.00	7,245.04	9,714.77	7,078.47	74.99	77.23	-77.25	-2,731.30	-1,052.36	755.25	602.56	152.69	4.946		
9,700.00	7,245.85	9,814.76	7,079.00	77.42	79.59	-77.20	-2,731.01	-1,152.35	753.87	596.43	157.44	4.788		
9,800.00	7,246.66	9,914.74	7,079.52	79.87	81.99	-77.16	-2,730.72	-1,252.33	752.48	590.25	162.23	4.638		
9,900.00	7,247.47	10,014.73	7,080.04	82.36	84.42	-77.11	-2,730.42	-1,352.32	751.10	584.03	167.07	4.496		
10,000.00	7,248.28	10,114.72	7,080.57	84.87	86.89	-77.07	-2,730.13	-1,452.31	749.72	577.76	171.96	4.360		
10,100.00	7,249.08	10,214.71	7,081.09	87.40	89.38	-77.02	-2,729.84	-1,552.29	748.33	571.45	176.88	4.231		
10,200.00	7,249.89	10,314.70	7,081.61	89.95	91.89	-76.97	-2,729.54	-1,652.28	746.95	565.11	181.84	4.108		
10,300.00	7,250.70	10,414.69	7,082.13	92.52	94.43	-76.92	-2,729.25	-1,752.27	745.57	558.74	186.83	3.991		
10,400.00	7,251.51	10,514.68	7,082.66	95.11	96.99	-76.88	-2,728.96	-1,852.25	744.19	552.33	191.86	3.879		
10,500.00	7,252.31	10,614.66	7,083.18	97.71	99.56	-76.83	-2,728.67	-1,952.24	742.81	545.90	196.91	3.772		
10,600.00	7,253.12	10,714.65	7,083.70	100.33	102.15	-76.78	-2,728.37	-2,052.23	741.43	539.45	201.98	3.671		
10,700.00	7,253.93	10,814.64	7,084.23	102.96	104.76	-76.74	-2,728.08	-2,152.21	740.05	532.97	207.08	3.574		
10,800.00	7,254.74	10,914.63	7,084.75	105.61	107.38	-76.69	-2,727.79	-2,252.20	738.67	526.47	212.19	3.481		
10,900.00	7,255.55	11,014.62	7,085.27	108.26	110.01	-76.64	-2,727.50	-2,352.19	737.29	519.96	217.33	3.392		
11,000.00	7,256.35	11,114.61	7,085.80	110.92	112.66	-76.59	-2,727.20	-2,452.17	735.91	513.42	222.49	3.308		
11,100.00	7,257.16	11,214.60	7,086.32	113.60	115.32	-76.54	-2,726.91	-2,552.16	734.54	506.87	227.66	3.226		
11,200.00	7,257.97	11,314.58	7,086.84	116.28	117.98	-76.49	-2,726.62	-2,652.15	733.16	500.31	232.85	3.149		
11,300.00	7,258.78	11,414.57	7,087.36	118.97	120.66	-76.44	-2,726.32	-2,752.13	731.78	493.73	238.05	3.074		
11,400.00	7,259.58	11,514.56	7,087.89	121.67	123.34	-76.40	-2,726.03	-2,852.12	730.41	487.14	243.26	3.003		
11,500.00	7,260.39	11,614.55	7,088.41	124.38	126.04	-76.35	-2,725.74	-2,952.11	729.03	480.54	248.49	2.934		
11,600.00	7,261.20	11,714.54	7,088.93	127.09	128.74	-76.30	-2,725.45	-3,052.10	727.66	473.93	253.73	2.868		
11,700.00	7,262.01	11,814.53	7,089.46	129.81	131.45	-76.25	-2,725.15	-3,152.08	726.28	467.30	258.98	2.804		
11,800.00	7,262.82	11,914.52	7,089.98	132.53	134.16	-76.20	-2,724.86	-3,252.07	724.91	460.67	264.23	2.743		
11,900.00	7,263.62	12,014.50	7,090.50	135.26	136.88	-76.15	-2,724.57	-3,352.06	723.53	454.03	269.50	2.685		
12,000.00	7,264.43	12,114.49	7,091.03	138.00	139.61	-76.10	-2,724.28	-3,452.04	722.16	447.39	274.78	2.628		
12,100.00	7,265.24	12,214.48	7,091.55	140.74	142.34	-76.05	-2,723.98	-3,552.03	720.79	440.73	280.06	2.574		
12,200.00	7,266.05	12,314.47	7,092.07	143.49	145.08	-76.00	-2,723.69	-3,652.02	719.42	434.07	285.35	2.521		
12,300.00	7,266.86	12,414.46	7,092.60	146.24	147.82	-75.95	-2,723.40	-3,752.00	718.05	427.41	290.64	2.471		
12,400.00	7,267.66	12,514.45	7,093.12	148.99	150.57	-75.90	-2,723.11	-3,851.99	716.68	420.74	295.94	2.422		
12,500.00	7,268.47	12,614.44	7,093.64	151.75	153.32	-75.84	-2,722.81	-3,951.98	715.31	414.06	301.25	2.374		
12,600.00	7,269.28	12,714.42	7,094.16	154.51	156.07	-75.79	-2,722.52	-4,051.96	713.94	407.38	306.56	2.329		
12,700.00	7,270.09	12,814.41	7,094.69	157.27	158.83	-75.74	-2,722.23	-4,151.95	712.57	400.69	311.87	2.285		
12,800.00	7,270.89	12,914.40	7,095.21	160.04	161.59	-75.69	-2,721.93	-4,251.94	711.20	394.01	317.19	2.242		
12,900.00	7,271.70	13,014.39	7,095.73	162.81	164.36	-75.64	-2,721.64	-4,351.92	709.83	387.32	322.52	2.201		
13,000.00	7,272.51	13,114.38	7,096.26	165.58	167.13	-75.59	-2,721.35	-4,451.91	708.47	380.62	327.84	2.161		
13,100.00	7,273.32	13,214.37	7,096.78	168.36	169.90	-75.53	-2,721.06	-4,551.90	707.10	373.93	333.17	2.122		
13,147.77	7,273.70	13,262.13	7,097.03	169.69	171.23	-75.51	-2,720.92	-4,599.66	706.45	370.73	335.72	2.104 SF		
13,200.00	7,274.13	13,256.62	7,097.00	171.14	171.07	-75.51	-2,720.93	-4,594.15	708.09	372.81	335.29	2.112		
13,300.00	7,274.93	13,256.62	7,097.00	173.92	171.07	-75.51	-2,720.93	-4,594.15	721.81	391.49	330.32	2.185		
13,400.00	7,275.74	13,256.62	7,097.00	176.71	171.07	-75.51	-2,720.93	-4,594.15	748.75	428.50	320.25	2.338		
13,500.00	7,276.55	13,256.62	7,097.00	179.49	171.07	-75.51	-2,720.93	-4,594.15	787.56	480.92	306.64	2.568		
13,555.88	7,277.00	13,256.62	7,097.00	181.05	171.07	-75.51	-2,720.93	-4,594.15	813.81	515.69	298.11	2.730		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	0.49	194.90	1.67	194.90					
100.00	100.00	100.00	100.00	3.28	3.28	0.49	194.90	1.67	194.90	188.33	6.57	29.668		
200.00	200.00	200.00	200.00	3.34	3.34	0.49	194.90	1.67	194.90	188.23	6.67	29.203 CC, ES		
300.00	299.98	297.16	297.15	3.44	3.44	-145.28	195.58	3.17	197.06	190.17	6.88	28.631		
400.00	399.84	394.05	393.90	3.59	3.59	-144.76	197.61	7.65	203.52	196.32	7.19	28.300		
500.00	499.45	490.36	489.87	3.79	3.79	-143.96	200.98	15.05	214.29	206.69	7.59	28.217		
600.00	598.70	585.85	584.68	4.04	4.02	-142.96	205.63	25.29	229.36	221.28	8.08	28.395		
700.00	697.47	680.24	678.00	4.32	4.28	-141.83	211.51	38.23	248.72	240.09	8.63	28.822		
800.00	795.62	773.30	769.48	4.64	4.58	-140.64	218.55	53.72	272.32	263.08	9.24	29.474		
900.00	893.06	866.92	860.98	5.01	4.90	-139.48	226.74	71.74	299.94	290.04	9.90	30.307		
1,000.00	989.64	962.16	953.97	5.41	5.25	-138.73	235.25	90.47	330.35	319.75	10.61	31.145		
1,100.00	1,085.27	1,056.58	1,046.16	5.85	5.62	-138.37	243.70	109.05	363.27	351.91	11.36	31.990		
1,200.00	1,179.82	1,150.07	1,137.44	6.33	6.00	-138.31	252.06	127.44	398.64	386.50	12.14	32.838		
1,300.00	1,273.78	1,243.05	1,228.23	6.85	6.40	-138.84	260.37	145.74	435.26	422.32	12.95	33.615		
1,400.00	1,367.75	1,336.04	1,319.01	7.38	6.80	-139.29	268.68	164.03	471.91	458.13	13.78	34.252		
1,500.00	1,461.72	1,429.02	1,409.80	7.93	7.21	-139.68	277.00	182.32	508.58	493.95	14.63	34.767		
1,600.00	1,555.69	1,522.00	1,500.59	8.49	7.63	-140.01	285.31	200.62	545.27	529.77	15.50	35.184		
1,700.00	1,649.66	1,614.99	1,591.37	9.07	8.06	-140.30	293.62	218.91	581.97	565.59	16.38	35.526		
1,800.00	1,743.63	1,707.97	1,682.16	9.65	8.49	-140.56	301.94	237.20	618.68	601.41	17.28	35.807		
1,900.00	1,837.60	1,800.95	1,772.95	10.24	8.93	-140.78	310.25	255.49	655.41	637.22	18.19	36.039		
2,000.00	1,931.57	1,906.06	1,876.73	10.83	9.42	-140.99	318.56	273.79	692.14	672.98	19.16	36.124		
2,100.00	2,025.54	1,986.92	1,954.52	11.43	9.81	-141.17	326.88	292.08	728.87	708.85	20.03	36.393		
2,200.00	2,119.51	2,079.90	2,045.31	12.03	10.25	-141.34	335.19	310.37	765.62	744.66	20.96	36.528		
2,300.00	2,213.48	2,172.89	2,136.09	12.64	10.70	-141.49	343.50	328.67	802.37	780.47	21.90	36.642		
2,400.00	2,307.45	2,265.87	2,226.88	13.25	11.15	-141.62	351.82	346.96	839.12	816.28	22.84	36.739		
2,500.00	2,401.42	2,358.85	2,317.66	13.87	11.60	-141.75	360.13	365.25	875.87	852.09	23.79	36.820		
2,600.00	2,495.39	2,451.84	2,408.45	14.48	12.06	-141.87	368.44	383.55	912.63	887.89	24.74	36.890		
2,700.00	2,589.35	2,544.82	2,499.24	15.10	12.51	-141.97	376.76	401.84	949.40	923.70	25.69	36.949		
2,800.00	2,683.32	2,637.80	2,590.02	15.72	12.97	-142.07	385.07	420.13	986.16	959.51	26.65	37.000		
2,900.00	2,777.29	2,730.79	2,680.81	16.34	13.42	-142.16	393.39	438.43	1,022.93	995.32	27.61	37.043		
3,000.00	2,871.26	2,823.77	2,771.60	16.97	13.88	-142.25	401.70	456.72	1,059.70	1,031.12	28.58	37.080		
3,100.00	2,965.23	2,916.75	2,862.38	17.59	14.34	-142.33	410.01	475.01	1,096.47	1,066.93	29.54	37.112		
3,200.00	3,059.20	3,009.74	2,953.17	18.22	14.80	-142.40	418.33	493.31	1,133.24	1,102.73	30.51	37.140		
3,300.00	3,153.17	3,102.72	3,043.96	18.84	15.27	-142.47	426.64	511.60	1,170.02	1,138.54	31.48	37.163		
3,400.00	3,247.14	3,204.30	3,134.74	19.47	15.77	-142.54	434.95	529.89	1,206.80	1,174.30	32.50	37.135		
3,500.00	3,341.11	3,288.69	3,225.53	20.10	16.19	-142.60	443.27	548.18	1,243.57	1,210.14	33.43	37.200		
3,600.00	3,435.08	3,381.67	3,316.31	20.73	16.66	-142.66	451.58	566.48	1,280.35	1,245.95	34.40	37.215		
3,700.00	3,529.05	3,474.65	3,407.10	21.36	17.12	-142.71	459.89	584.77	1,317.13	1,281.75	35.38	37.228		
3,800.00	3,623.02	3,567.64	3,497.89	21.99	17.58	-142.76	468.21	603.06	1,353.91	1,317.55	36.36	37.238		
3,900.00	3,716.99	3,660.62	3,588.67	22.62	18.05	-142.81	476.52	621.36	1,390.69	1,353.36	37.34	37.247		
4,000.00	3,810.95	3,753.60	3,679.46	23.25	18.52	-142.86	484.83	639.65	1,427.48	1,389.16	38.32	37.254		
4,100.00	3,904.92	3,846.59	3,770.25	23.88	18.98	-142.90	493.15	657.94	1,464.26	1,424.96	39.30	37.261		
4,200.00	3,998.89	3,939.57	3,861.03	24.52	19.45	-142.95	501.46	676.24	1,501.04	1,460.76	40.28	37.266		
4,300.00	4,092.86	4,032.55	3,951.82	25.15	19.91	-142.99	509.77	694.53	1,537.83	1,496.57	41.26	37.270		
4,400.00	4,186.83	4,125.54	4,042.60	25.78	20.38	-143.02	518.09	712.82	1,574.61	1,532.37	42.25	37.273		
4,500.00	4,280.80	4,218.52	4,133.39	26.42	20.85	-143.06	526.40	731.12	1,611.40	1,568.17	43.23	37.275		
4,600.00	4,374.77	4,311.50	4,224.18	27.05	21.32	-143.09	534.72	749.41	1,648.19	1,603.97	44.21	37.277		
4,700.00	4,468.74	4,404.49	4,314.96	27.68	21.79	-143.13	543.03	767.70	1,684.97	1,639.77	45.20	37.278		
4,800.00	4,562.71	4,502.53	4,405.75	28.32	22.28	-143.16	551.34	786.00	1,721.76	1,675.55	46.21	37.258		
4,900.00	4,656.68	4,609.55	4,496.54	28.95	22.82	-143.19	559.66	804.29	1,758.55	1,711.28	47.27	37.203		
5,000.00	4,750.65	4,683.44	4,587.32	29.59	23.19	-143.22	567.97	822.58	1,795.34	1,747.18	48.16	37.278		
5,100.00	4,844.62	4,776.42	4,678.11	30.23	23.66	-143.25	576.28	840.87	1,832.12	1,782.98	49.15	37.277		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 32C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,200.00	4,938.59	4,869.41	4,768.90	30.86	24.13	-143.27	584.60	859.17	1,868.91	1,818.78	50.14	37.276		
5,300.00	5,032.56	4,962.39	4,859.68	31.50	24.60	-143.30	592.91	877.46	1,905.70	1,854.58	51.13	37.275		
5,400.00	5,126.52	5,055.37	4,950.47	32.13	25.07	-143.33	601.22	895.75	1,942.49	1,890.38	52.12	37.273		
5,500.00	5,220.49	5,148.36	5,041.25	32.77	25.54	-143.35	609.54	914.05	1,979.28	1,926.18	53.10	37.271		
5,600.00	5,314.46	5,241.34	5,132.04	33.41	26.01	-143.37	617.85	932.34	2,016.07	1,961.98	54.10	37.269		
5,700.00	5,408.43	5,334.32	5,222.83	34.04	26.48	-143.40	626.16	950.63	2,052.86	1,997.78	55.09	37.267		
5,800.00	5,502.40	5,427.31	5,313.61	34.68	26.95	-143.42	634.48	968.93	2,089.65	2,033.58	56.08	37.264		
5,900.00	5,596.37	5,520.29	5,404.40	35.32	27.42	-143.44	642.79	987.22	2,126.45	2,069.38	57.07	37.262		
6,000.00	5,690.34	5,613.27	5,495.19	35.96	27.89	-143.46	651.10	1,005.51	2,163.24	2,105.18	58.06	37.259		
6,100.00	5,784.31	5,706.26	5,585.97	36.59	28.36	-143.48	659.42	1,023.81	2,200.03	2,140.98	59.05	37.256		
6,200.00	5,878.28	5,799.24	5,676.76	37.23	28.83	-143.50	667.73	1,042.10	2,236.82	2,176.78	60.04	37.253		
6,300.00	5,972.25	5,907.78	5,767.55	37.87	29.38	-143.51	676.05	1,060.39	2,273.61	2,212.50	61.12	37.202		
6,400.00	6,066.22	5,985.21	5,858.33	38.51	29.77	-143.53	684.36	1,078.69	2,310.40	2,248.37	62.03	37.247		
6,500.00	6,160.19	6,078.19	5,949.12	39.14	30.25	-143.55	692.67	1,096.98	2,347.20	2,284.17	63.02	37.244		
6,600.00	6,254.16	6,171.17	6,039.90	39.78	30.72	-143.57	700.99	1,115.27	2,383.99	2,319.97	64.02	37.240		
6,700.00	6,348.13	6,264.16	6,130.69	40.42	31.19	-143.58	709.30	1,133.56	2,420.78	2,355.77	65.01	37.237		
6,800.00	6,442.09	6,357.14	6,221.48	41.06	31.66	-143.60	717.61	1,151.86	2,457.57	2,391.57	66.00	37.233		
6,869.92	6,507.80	6,422.16	6,284.96	41.51	31.99	-143.61	723.43	1,164.65	2,483.30	2,416.60	66.70	37.231		
6,900.00	6,536.18	6,450.10	6,312.24	41.69	32.13	-151.45	725.92	1,170.15	2,494.41	2,427.42	67.00	37.232		
6,950.00	6,583.76	6,503.69	6,357.36	41.98	32.40	-166.33	730.06	1,179.24	2,513.06	2,445.55	67.51	37.225		
7,000.00	6,631.58	6,541.97	6,401.94	42.23	32.60	-177.39	734.14	1,188.22	2,531.82	2,463.89	67.93	37.270		
7,050.00	6,679.34	6,586.81	6,445.72	42.44	32.83	161.55	738.15	1,197.04	2,550.64	2,482.26	68.37	37.305		
7,100.00	6,726.76	6,630.61	6,488.48	42.62	33.05	147.73	742.06	1,205.65	2,569.43	2,500.63	68.80	37.346		
7,150.00	6,773.53	6,675.64	6,532.76	42.78	33.26	136.47	746.12	1,212.79	2,588.12	2,518.90	69.23	37.385		
7,200.00	6,819.38	6,721.92	6,578.65	42.91	33.46	127.54	750.32	1,216.84	2,606.62	2,536.96	69.66	37.422		
7,250.00	6,864.01	6,769.64	6,626.16	43.03	33.65	120.45	754.68	1,217.49	2,624.80	2,554.72	70.08	37.452		
7,300.00	6,907.16	6,819.04	6,675.24	43.14	33.83	114.76	759.18	1,214.40	2,642.58	2,572.05	70.53	37.468		
7,350.00	6,948.56	6,870.37	6,725.83	43.24	34.02	110.14	763.83	1,207.15	2,659.83	2,588.83	71.00	37.464		
7,400.00	6,987.94	6,923.91	6,777.80	43.35	34.21	106.32	768.60	1,195.26	2,676.46	2,604.95	71.50	37.432		
7,450.00	7,025.08	6,979.97	6,830.94	43.46	34.43	103.16	773.48	1,178.16	2,692.35	2,620.30	72.05	37.368		
7,500.00	7,059.73	7,038.84	6,884.91	43.57	34.67	100.51	778.45	1,155.21	2,707.39	2,634.74	72.65	37.268		
7,550.00	7,091.70	7,100.84	6,939.21	43.70	34.94	98.29	783.44	1,125.75	2,721.48	2,648.18	73.30	37.128		
7,600.00	7,120.77	7,166.25	6,993.10	43.84	35.26	96.43	788.41	1,089.09	2,734.50	2,660.47	74.03	36.940		
7,650.00	7,146.77	7,235.26	7,045.60	44.00	35.63	94.89	793.25	1,044.60	2,746.33	2,671.50	74.83	36.702		
7,700.00	7,169.54	7,308.01	7,095.39	44.18	36.08	93.63	797.85	991.82	2,756.87	2,681.14	75.73	36.406		
7,750.00	7,188.94	7,384.43	7,140.89	44.38	36.63	92.60	802.06	930.62	2,765.99	2,689.25	76.74	36.045		
7,800.00	7,204.85	7,464.27	7,180.27	44.61	37.30	91.79	805.71	861.32	2,773.60	2,695.72	77.88	35.614		
7,850.00	7,217.17	7,547.02	7,211.64	44.88	38.08	91.16	808.63	784.86	2,779.60	2,700.44	79.16	35.115		
7,900.00	7,225.83	7,631.93	7,233.29	45.17	39.00	90.70	810.67	702.85	2,783.91	2,703.34	80.57	34.551		
7,950.00	7,230.77	7,718.01	7,243.96	45.50	40.01	90.39	811.70	617.51	2,786.49	2,704.39	82.09	33.943		
7,985.49	7,232.00	7,768.35	7,245.02	45.75	40.63	90.27	811.83	567.19	2,787.27	2,704.17	83.11	33.539		
8,000.00	7,232.12	7,782.86	7,245.05	45.86	40.82	90.27	811.84	552.68	2,787.46	2,703.99	83.47	33.396		
8,100.00	7,232.93	7,882.85	7,245.23	46.71	42.19	90.26	811.91	452.69	2,788.72	2,702.58	86.15	32.372		
8,200.00	7,233.74	7,982.84	7,245.40	47.73	43.71	90.25	811.99	352.71	2,789.99	2,700.88	89.11	31.311		
8,300.00	7,234.54	8,082.83	7,245.58	48.94	45.35	90.23	812.07	252.72	2,791.26	2,698.93	92.32	30.233		
8,400.00	7,235.35	8,182.82	7,245.76	50.32	47.11	90.22	812.15	152.73	2,792.52	2,696.75	95.77	29.157		
8,500.00	7,236.16	8,282.81	7,245.93	51.86	48.98	90.21	812.22	52.74	2,793.79	2,694.35	99.44	28.097		
8,600.00	7,236.97	8,382.80	7,246.11	53.54	50.94	90.19	812.30	-47.25	2,795.06	2,691.77	103.28	27.062		
8,700.00	7,237.77	8,482.79	7,246.29	55.33	52.98	90.18	812.38	-147.24	2,796.32	2,689.03	107.30	26.062		
8,800.00	7,238.58	8,582.78	7,246.47	57.24	55.10	90.17	812.46	-247.23	2,797.59	2,686.13	111.46	25.100		
8,900.00	7,239.39	8,682.77	7,246.64	59.24	57.28	90.15	812.53	-347.22	2,798.86	2,683.11	115.75	24.180		
9,000.00	7,240.20	8,782.76	7,246.82	61.31	59.52	90.14	812.61	-447.21	2,800.12	2,679.96	120.16	23.303		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	8,882.75	7,247.00	63.46	61.81	90.13	812.69	-547.20	2,801.39	2,676.71	124.68	22.468		
9,200.00	7,241.81	8,982.74	7,247.17	65.67	64.14	90.12	812.77	-647.19	2,802.66	2,673.36	129.30	21.676		
9,300.00	7,242.62	9,082.73	7,247.35	67.93	66.52	90.10	812.84	-747.18	2,803.93	2,669.93	133.99	20.926		
9,400.00	7,243.43	9,182.72	7,247.53	70.25	68.93	90.09	812.92	-847.17	2,805.19	2,666.43	138.77	20.215		
9,500.00	7,244.24	9,282.71	7,247.71	72.60	71.38	90.08	813.00	-947.16	2,806.46	2,662.85	143.61	19.542		
9,600.00	7,245.04	9,382.70	7,247.88	74.99	73.86	90.06	813.08	-1,047.15	2,807.73	2,659.22	148.52	18.905		
9,700.00	7,245.85	9,482.69	7,248.06	77.42	76.36	90.05	813.15	-1,147.14	2,809.00	2,655.52	153.48	18.302		
9,800.00	7,246.66	9,582.68	7,248.24	79.87	78.89	90.04	813.23	-1,247.13	2,810.27	2,651.78	158.49	17.732		
9,900.00	7,247.47	9,682.67	7,248.41	82.36	81.44	90.03	813.31	-1,347.12	2,811.54	2,647.99	163.55	17.191		
10,000.00	7,248.28	9,782.66	7,248.59	84.87	84.01	90.01	813.39	-1,447.11	2,812.81	2,644.16	168.65	16.679		
10,100.00	7,249.08	9,882.65	7,248.77	87.40	86.59	90.00	813.46	-1,547.10	2,814.07	2,640.29	173.78	16.193		
10,200.00	7,249.89	9,982.64	7,248.95	89.95	89.20	89.99	813.54	-1,647.09	2,815.34	2,636.39	178.96	15.732		
10,300.00	7,250.70	10,082.63	7,249.12	92.52	91.82	89.97	813.62	-1,747.08	2,816.61	2,632.45	184.16	15.294		
10,400.00	7,251.51	10,182.62	7,249.30	95.11	94.45	89.96	813.70	-1,847.07	2,817.88	2,628.48	189.40	14.878		
10,500.00	7,252.31	10,282.61	7,249.48	97.71	97.10	89.95	813.77	-1,947.06	2,819.15	2,624.49	194.66	14.482		
10,600.00	7,253.12	10,382.60	7,249.65	100.33	99.76	89.94	813.85	-2,047.05	2,820.42	2,620.48	199.95	14.106		
10,700.00	7,253.93	10,482.59	7,249.83	102.96	102.43	89.92	813.93	-2,147.04	2,821.69	2,616.44	205.26	13.747		
10,800.00	7,254.74	10,582.58	7,250.01	105.61	105.11	89.91	814.01	-2,247.03	2,822.96	2,612.38	210.59	13.405		
10,900.00	7,255.55	10,682.57	7,250.19	108.26	107.80	89.90	814.08	-2,347.02	2,824.23	2,608.30	215.94	13.079		
11,000.00	7,256.35	10,782.56	7,250.36	110.92	110.49	89.88	814.16	-2,447.01	2,825.50	2,604.20	221.30	12.767		
11,100.00	7,257.16	10,882.55	7,250.54	113.60	113.20	89.87	814.24	-2,547.00	2,826.77	2,600.08	226.69	12.470		
11,200.00	7,257.97	10,982.54	7,250.72	116.28	115.91	89.86	814.32	-2,646.99	2,828.04	2,595.95	232.09	12.185		
11,300.00	7,258.78	11,082.52	7,250.89	118.97	118.63	89.85	814.39	-2,746.98	2,829.31	2,591.81	237.51	11.913		
11,400.00	7,259.58	11,182.51	7,251.07	121.67	121.36	89.83	814.47	-2,846.97	2,830.58	2,587.65	242.94	11.652		
11,500.00	7,260.39	11,282.50	7,251.25	124.38	124.09	89.82	814.55	-2,946.96	2,831.85	2,583.48	248.38	11.401		
11,600.00	7,261.20	11,382.49	7,251.43	127.09	126.83	89.81	814.63	-3,046.95	2,833.13	2,579.29	253.83	11.161		
11,700.00	7,262.01	11,482.48	7,251.60	129.81	129.57	89.80	814.70	-3,146.94	2,834.40	2,575.10	259.30	10.931		
11,800.00	7,262.82	11,582.47	7,251.78	132.53	132.32	89.78	814.78	-3,246.93	2,835.67	2,570.89	264.77	10.710		
11,900.00	7,263.62	11,682.46	7,251.96	135.26	135.07	89.77	814.86	-3,346.92	2,836.94	2,566.68	270.26	10.497		
12,000.00	7,264.43	11,782.45	7,252.13	138.00	137.83	89.76	814.94	-3,446.91	2,838.21	2,562.46	275.76	10.292		
12,100.00	7,265.24	11,882.44	7,252.31	140.74	140.59	89.75	815.01	-3,546.90	2,839.48	2,558.22	281.26	10.096		
12,200.00	7,266.05	11,982.43	7,252.49	143.49	143.35	89.73	815.09	-3,646.89	2,840.76	2,553.98	286.77	9.906		
12,300.00	7,266.86	12,082.42	7,252.67	146.24	146.12	89.72	815.17	-3,746.88	2,842.03	2,549.74	292.29	9.723		
12,400.00	7,267.66	12,182.41	7,252.84	148.99	148.90	89.71	815.25	-3,846.87	2,843.30	2,545.48	297.82	9.547		
12,500.00	7,268.47	12,282.40	7,253.02	151.75	151.67	89.69	815.32	-3,946.86	2,844.57	2,541.22	303.35	9.377		
12,600.00	7,269.28	12,382.39	7,253.20	154.51	154.45	89.68	815.40	-4,046.84	2,845.84	2,536.95	308.89	9.213		
12,700.00	7,270.09	12,482.38	7,253.37	157.27	157.23	89.67	815.48	-4,146.83	2,847.12	2,532.68	314.44	9.055		
12,800.00	7,270.89	12,582.37	7,253.55	160.04	160.02	89.66	815.56	-4,246.82	2,848.39	2,528.40	319.99	8.901		
12,900.00	7,271.70	12,682.36	7,253.73	162.81	162.80	89.64	815.63	-4,346.81	2,849.66	2,524.11	325.55	8.753		
13,000.00	7,272.51	12,782.35	7,253.91	165.58	165.59	89.63	815.71	-4,446.80	2,850.94	2,519.82	331.12	8.610		
13,100.00	7,273.32	12,882.34	7,254.08	168.36	168.38	89.62	815.79	-4,546.79	2,852.21	2,515.52	336.68	8.471		
13,200.00	7,274.13	12,982.33	7,254.26	171.14	171.18	89.61	815.87	-4,646.78	2,853.48	2,511.22	342.26	8.337		
13,300.00	7,274.93	13,082.32	7,254.44	173.92	173.97	89.59	815.94	-4,746.77	2,854.76	2,506.92	347.84	8.207		
13,400.00	7,275.74	13,182.31	7,254.61	176.71	176.77	89.58	816.02	-4,846.76	2,856.03	2,502.61	353.42	8.081		
13,500.00	7,276.55	13,282.30	7,254.79	179.49	179.57	89.57	816.10	-4,946.75	2,857.30	2,498.30	359.00	7.959		
13,555.88	7,277.00	13,338.18	7,254.89	181.05	181.14	89.56	816.14	-5,002.63	2,858.01	2,495.89	362.13	7.892 SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	0.53	179.96	1.67	179.97					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	179.96	1.67	179.97	173.40	6.57	27.395		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	179.96	1.67	179.97	173.30	6.67	26.966 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	-145.71	179.96	1.67	181.41	174.53	6.89	26.348		
400.00	399.84	397.96	397.94	3.59	3.60	-146.06	180.47	3.27	186.26	179.07	7.19	25.900		
500.00	499.45	495.64	495.49	3.79	3.79	-145.95	181.97	8.04	195.02	187.43	7.59	25.700		
600.00	598.70	592.78	592.27	4.04	4.03	-145.46	184.46	15.92	207.66	199.59	8.07	25.747		
700.00	697.47	689.14	687.94	4.32	4.29	-144.66	187.90	26.84	224.17	215.56	8.61	26.031		
800.00	795.62	784.48	782.18	4.64	4.58	-143.64	192.25	40.65	244.55	235.34	9.22	26.530		
900.00	893.06	878.61	874.69	5.01	4.90	-142.49	197.47	57.21	268.78	258.90	9.88	27.215		
1,000.00	989.64	973.07	966.98	5.41	5.24	-141.33	203.51	76.34	296.66	286.08	10.58	28.032		
1,100.00	1,085.27	1,068.23	1,059.90	5.85	5.61	-140.59	209.69	95.95	327.31	315.97	11.34	28.869		
1,200.00	1,179.82	1,162.55	1,151.99	6.33	5.99	-140.24	215.82	115.39	360.52	348.39	12.13	29.724		
1,300.00	1,273.78	1,256.40	1,243.63	6.85	6.38	-140.49	221.92	134.73	395.00	382.05	12.95	30.511		
1,400.00	1,367.75	1,350.26	1,335.26	7.38	6.79	-140.70	228.02	154.08	429.48	415.70	13.78	31.156		
1,500.00	1,461.72	1,444.11	1,426.90	7.93	7.20	-140.88	234.12	173.42	463.97	449.33	14.65	31.679		
1,600.00	1,555.69	1,537.97	1,518.54	8.49	7.63	-141.03	240.22	192.76	498.46	482.94	15.53	32.105		
1,700.00	1,649.66	1,631.82	1,610.18	9.07	8.06	-141.17	246.31	212.11	532.96	516.54	16.42	32.455		
1,800.00	1,743.63	1,725.68	1,701.81	9.65	8.49	-141.29	252.41	231.45	567.46	550.13	17.33	32.743		
1,900.00	1,837.60	1,819.53	1,793.45	10.24	8.93	-141.39	258.51	250.79	601.96	583.71	18.25	32.983		
2,000.00	1,931.57	1,913.39	1,885.09	10.83	9.38	-141.49	264.61	270.14	636.46	617.28	19.18	33.183		
2,100.00	2,025.54	2,007.24	1,976.73	11.43	9.82	-141.57	270.71	289.48	670.96	650.84	20.12	33.351		
2,200.00	2,119.51	2,101.10	2,068.36	12.03	10.27	-141.65	276.81	308.82	705.47	684.40	21.06	33.493		
2,300.00	2,213.48	2,205.05	2,160.00	12.64	10.78	-141.71	282.91	328.17	739.97	717.91	22.06	33.538		
2,400.00	2,307.45	2,288.81	2,251.64	13.25	11.18	-141.78	289.01	347.51	774.48	751.51	22.97	33.715		
2,500.00	2,401.42	2,382.66	2,343.27	13.87	11.64	-141.83	295.11	366.85	808.98	785.05	23.93	33.802		
2,600.00	2,495.39	2,476.52	2,434.91	14.48	12.10	-141.89	301.20	386.20	843.49	818.59	24.90	33.877		
2,700.00	2,589.35	2,570.37	2,526.55	15.10	12.56	-141.94	307.30	405.54	878.00	852.13	25.87	33.941		
2,800.00	2,683.32	2,664.23	2,618.19	15.72	13.03	-141.98	313.40	424.88	912.51	885.67	26.84	33.997		
2,900.00	2,777.29	2,758.08	2,709.82	16.34	13.49	-142.02	319.50	444.23	947.02	919.20	27.82	34.045		
3,000.00	2,871.26	2,851.94	2,801.46	16.97	13.95	-142.06	325.60	463.57	981.53	952.73	28.80	34.087		
3,100.00	2,965.23	2,945.79	2,893.10	17.59	14.42	-142.10	331.70	482.91	1,016.04	986.26	29.78	34.123		
3,200.00	3,059.20	3,039.65	2,984.73	18.22	14.89	-142.13	337.80	502.25	1,050.55	1,019.79	30.76	34.154		
3,300.00	3,153.17	3,133.50	3,076.37	18.84	15.36	-142.16	343.90	521.60	1,085.06	1,053.31	31.74	34.181		
3,400.00	3,247.14	3,227.36	3,168.01	19.47	15.83	-142.19	350.00	540.94	1,119.57	1,086.84	32.73	34.205		
3,500.00	3,341.11	3,321.21	3,259.65	20.10	16.30	-142.22	356.09	560.28	1,154.08	1,120.36	33.72	34.226		
3,600.00	3,435.08	3,415.07	3,351.28	20.73	16.77	-142.24	362.19	579.63	1,188.59	1,153.88	34.71	34.244		
3,700.00	3,529.05	3,508.92	3,442.92	21.36	17.24	-142.27	368.29	598.97	1,223.10	1,187.40	35.70	34.260		
3,800.00	3,623.02	3,602.78	3,534.56	21.99	17.71	-142.29	374.39	618.31	1,257.61	1,220.92	36.69	34.274		
3,900.00	3,716.99	3,703.37	3,626.20	22.62	18.21	-142.31	380.49	637.66	1,292.12	1,254.40	37.72	34.255		
4,000.00	3,810.95	3,809.51	3,717.83	23.25	18.75	-142.34	386.59	657.00	1,326.64	1,287.86	38.78	34.211		
4,100.00	3,904.92	3,884.34	3,809.47	23.88	19.13	-142.36	392.69	676.34	1,361.15	1,321.47	39.68	34.305		
4,200.00	3,998.89	3,978.20	3,901.11	24.52	19.60	-142.37	398.79	695.69	1,395.66	1,354.98	40.68	34.312		
4,300.00	4,092.86	4,072.05	3,992.74	25.15	20.07	-142.39	404.89	715.03	1,430.17	1,388.50	41.67	34.319		
4,400.00	4,186.83	4,165.91	4,084.38	25.78	20.55	-142.41	410.98	734.37	1,464.68	1,422.01	42.67	34.325		
4,500.00	4,280.80	4,259.76	4,176.02	26.42	21.02	-142.43	417.08	753.72	1,499.20	1,455.53	43.67	34.329		
4,600.00	4,374.77	4,353.61	4,267.66	27.05	21.50	-142.44	423.18	773.06	1,533.71	1,489.04	44.67	34.333		
4,700.00	4,468.74	4,447.47	4,359.29	27.68	21.97	-142.46	429.28	792.40	1,568.22	1,522.55	45.67	34.337		
4,800.00	4,562.71	4,541.32	4,450.93	28.32	22.45	-142.47	435.38	811.75	1,602.73	1,556.06	46.67	34.340		
4,900.00	4,656.68	4,635.18	4,542.57	28.95	22.92	-142.48	441.48	831.09	1,637.25	1,589.57	47.68	34.342		
5,000.00	4,750.65	4,729.03	4,634.20	29.59	23.40	-142.50	447.58	850.43	1,671.76	1,623.08	48.68	34.343		
5,100.00	4,844.62	4,822.89	4,725.84	30.23	23.88	-142.51	453.68	869.78	1,706.27	1,656.59	49.68	34.345		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,916.74	4,817.48	30.86	24.35	-142.52	459.78	889.12	1,740.79	1,690.10	50.68	34.346		
5,300.00	5,032.56	5,010.60	4,909.12	31.50	24.83	-142.53	465.87	908.46	1,775.30	1,723.61	51.69	34.346		
5,400.00	5,126.52	5,104.45	5,000.75	32.13	25.31	-142.55	471.97	927.81	1,809.81	1,757.12	52.69	34.346		
5,500.00	5,220.49	5,201.69	5,092.39	32.77	25.80	-142.56	478.07	947.15	1,844.32	1,790.61	53.72	34.335		
5,600.00	5,314.46	5,307.84	5,184.03	33.41	26.34	-142.57	484.17	966.49	1,878.84	1,824.06	54.78	34.296		
5,700.00	5,408.43	5,386.02	5,275.67	34.04	26.74	-142.58	490.27	985.84	1,913.35	1,857.64	55.71	34.345		
5,800.00	5,502.40	5,479.87	5,367.30	34.68	27.21	-142.59	496.37	1,005.18	1,947.86	1,891.15	56.72	34.345		
5,900.00	5,596.37	5,573.73	5,458.94	35.32	27.69	-142.60	502.47	1,024.52	1,982.38	1,924.66	57.72	34.344		
6,000.00	5,690.34	5,667.58	5,550.58	35.96	28.17	-142.60	508.57	1,043.86	2,016.89	1,958.16	58.73	34.342		
6,100.00	5,784.31	5,761.44	5,642.21	36.59	28.65	-142.61	514.67	1,063.21	2,051.40	1,991.67	59.74	34.341		
6,200.00	5,878.28	5,855.29	5,733.85	37.23	29.13	-142.62	520.76	1,082.55	2,085.92	2,025.17	60.74	34.340		
6,300.00	5,972.25	5,949.15	5,825.49	37.87	29.60	-142.63	526.86	1,101.89	2,120.43	2,058.68	61.75	34.338		
6,400.00	6,066.22	6,043.00	5,917.13	38.51	30.08	-142.64	532.96	1,121.24	2,154.95	2,092.19	62.76	34.336		
6,500.00	6,160.19	6,136.86	6,008.76	39.14	30.56	-142.64	539.06	1,140.58	2,189.46	2,125.69	63.77	34.334		
6,600.00	6,254.16	6,230.71	6,100.40	39.78	31.04	-142.65	545.16	1,159.92	2,223.97	2,159.20	64.78	34.333		
6,700.00	6,348.13	6,324.57	6,192.04	40.42	31.52	-142.66	551.26	1,179.27	2,258.49	2,192.70	65.79	34.331		
6,800.00	6,442.09	6,418.42	6,283.67	41.06	32.00	-142.67	557.36	1,198.61	2,293.00	2,226.20	66.80	34.328		
6,869.92	6,507.80	6,486.25	6,350.22	41.51	32.33	-142.72	561.79	1,210.87	2,317.11	2,249.61	67.51	34.325		
6,900.00	6,536.18	6,515.70	6,379.42	41.69	32.46	-150.55	563.73	1,214.12	2,327.52	2,259.72	67.79	34.333		
6,950.00	6,583.76	6,564.41	6,427.95	41.98	32.66	-165.49	566.96	1,216.50	2,345.00	2,276.77	68.23	34.369		
7,000.00	6,631.58	6,612.86	6,476.26	42.23	32.84	-178.10	570.17	1,215.18	2,362.61	2,293.99	68.62	34.428		
7,050.00	6,679.34	6,661.13	6,524.16	42.44	33.01	162.05	573.35	1,210.20	2,380.25	2,311.25	68.99	34.501		
7,100.00	6,726.76	6,709.29	6,571.44	42.62	33.18	147.96	576.49	1,201.63	2,397.79	2,328.45	69.35	34.577		
7,150.00	6,773.53	6,757.41	6,617.89	42.78	33.37	136.42	579.57	1,189.51	2,415.14	2,345.44	69.70	34.651		
7,200.00	6,819.38	6,805.55	6,663.32	42.91	33.56	127.19	582.59	1,173.90	2,432.19	2,362.13	70.06	34.715		
7,250.00	6,864.01	6,853.78	6,707.52	43.03	33.76	119.81	585.52	1,154.86	2,448.82	2,378.38	70.44	34.766		
7,300.00	6,907.16	6,902.14	6,750.27	43.14	33.98	113.84	588.36	1,132.46	2,464.94	2,394.10	70.84	34.798		
7,350.00	6,948.56	6,950.68	6,791.35	43.24	34.22	108.94	591.08	1,106.77	2,480.45	2,409.18	71.26	34.806		
7,400.00	6,987.94	6,999.44	6,830.53	43.35	34.47	104.84	593.67	1,077.88	2,495.24	2,423.51	71.73	34.787		
7,450.00	7,025.08	7,048.45	6,867.57	43.46	34.76	101.39	596.12	1,045.90	2,509.24	2,437.00	72.24	34.735		
7,500.00	7,059.73	7,097.72	6,902.23	43.57	35.07	98.46	598.42	1,010.96	2,522.34	2,449.54	72.80	34.648		
7,550.00	7,091.70	7,147.28	6,934.26	43.70	35.42	95.96	600.53	973.23	2,534.48	2,461.06	73.42	34.520		
7,600.00	7,120.77	7,197.11	6,963.42	43.84	35.81	93.83	602.46	932.88	2,545.57	2,471.47	74.11	34.349		
7,650.00	7,146.77	7,247.20	6,989.46	44.00	36.23	92.02	604.17	890.15	2,555.55	2,480.68	74.87	34.133		
7,700.00	7,169.54	7,297.52	7,012.18	44.18	36.70	90.50	605.67	845.28	2,564.36	2,488.65	75.71	33.871		
7,750.00	7,188.94	7,348.06	7,031.36	44.38	37.21	89.25	606.93	798.56	2,571.94	2,495.31	76.63	33.564		
7,800.00	7,204.85	7,398.75	7,046.82	44.61	37.75	88.23	607.94	750.31	2,578.24	2,500.61	77.62	33.215		
7,850.00	7,217.17	7,449.55	7,058.43	44.88	38.34	87.45	608.69	700.87	2,583.22	2,504.53	78.69	32.826		
7,900.00	7,225.83	7,500.40	7,066.07	45.17	38.95	86.89	609.19	650.61	2,586.86	2,507.03	79.83	32.404		
7,950.00	7,230.77	7,551.23	7,069.68	45.50	39.59	86.54	609.41	599.92	2,589.13	2,508.11	81.02	31.956		
7,985.49	7,232.00	7,587.03	7,070.00	45.75	40.06	86.42	609.42	564.12	2,589.90	2,508.01	81.90	31.624		
8,000.00	7,232.12	7,601.54	7,070.00	45.86	40.25	86.42	609.41	549.62	2,590.08	2,507.82	82.26	31.486		
8,100.00	7,232.93	7,701.53	7,070.01	46.71	41.67	86.40	609.38	449.63	2,591.28	2,506.32	84.97	30.498		
8,200.00	7,233.74	7,801.52	7,070.02	47.73	43.23	86.38	609.34	349.64	2,592.49	2,504.53	87.96	29.474		
8,300.00	7,234.54	7,901.51	7,070.03	48.94	44.92	86.37	609.31	249.65	2,593.70	2,502.49	91.21	28.437		
8,400.00	7,235.35	8,001.50	7,070.04	50.32	46.72	86.35	609.28	149.66	2,594.90	2,500.21	94.69	27.404		
8,500.00	7,236.16	8,101.49	7,070.05	51.86	48.63	86.34	609.24	49.67	2,596.11	2,497.73	98.38	26.388		
8,600.00	7,236.97	8,201.48	7,070.05	53.54	50.62	86.32	609.21	-50.32	2,597.32	2,495.06	102.26	25.400		
8,700.00	7,237.77	8,301.47	7,070.06	55.33	52.70	86.30	609.18	-150.31	2,598.52	2,492.23	106.30	24.446		
8,800.00	7,238.58	8,401.46	7,070.07	57.24	54.84	86.29	609.14	-250.30	2,599.73	2,489.25	110.48	23.531		
8,900.00	7,239.39	8,501.45	7,070.08	59.24	57.05	86.27	609.11	-350.29	2,600.94	2,486.14	114.80	22.656		
9,000.00	7,240.20	8,601.44	7,070.09	61.31	59.32	86.26	609.08	-450.28	2,602.14	2,482.91	119.23	21.824		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	8,701.43	7,070.10	63.46	61.63	86.24	609.04	-550.27	2,603.35	2,479.58	123.77	21.034		
9,200.00	7,241.81	8,801.42	7,070.11	65.67	63.99	86.23	609.01	-650.26	2,604.56	2,476.16	128.40	20.285		
9,300.00	7,242.62	8,901.41	7,070.12	67.93	66.39	86.21	608.97	-750.25	2,605.77	2,472.66	133.11	19.576		
9,400.00	7,243.43	9,001.40	7,070.13	70.25	68.82	86.19	608.94	-850.24	2,606.98	2,469.08	137.90	18.905		
9,500.00	7,244.24	9,101.39	7,070.13	72.60	71.28	86.18	608.91	-950.23	2,608.19	2,465.43	142.75	18.271		
9,600.00	7,245.04	9,201.38	7,070.14	74.99	73.78	86.16	608.87	-1,050.22	2,609.39	2,461.73	147.67	17.671		
9,700.00	7,245.85	9,301.37	7,070.15	77.42	76.30	86.15	608.84	-1,150.21	2,610.60	2,457.97	152.64	17.103		
9,800.00	7,246.66	9,401.36	7,070.16	79.87	78.84	86.13	608.81	-1,250.20	2,611.81	2,454.16	157.66	16.566		
9,900.00	7,247.47	9,501.35	7,070.17	82.36	81.40	86.11	608.77	-1,350.19	2,613.02	2,450.30	162.72	16.058		
10,000.00	7,248.28	9,601.34	7,070.18	84.87	83.99	86.10	608.74	-1,450.18	2,614.23	2,446.41	167.82	15.577		
10,100.00	7,249.08	9,701.33	7,070.19	87.40	86.59	86.08	608.70	-1,550.17	2,615.44	2,442.47	172.97	15.121		
10,200.00	7,249.89	9,801.32	7,070.20	89.95	89.20	86.07	608.67	-1,650.16	2,616.65	2,438.51	178.14	14.689		
10,300.00	7,250.70	9,901.31	7,070.21	92.52	91.83	86.05	608.64	-1,750.16	2,617.86	2,434.51	183.35	14.278		
10,400.00	7,251.51	10,001.30	7,070.21	95.11	94.48	86.04	608.60	-1,850.15	2,619.07	2,430.49	188.58	13.888		
10,500.00	7,252.31	10,101.29	7,070.22	97.71	97.13	86.02	608.57	-1,950.14	2,620.28	2,426.44	193.84	13.518		
10,600.00	7,253.12	10,201.28	7,070.23	100.33	99.80	86.00	608.54	-2,050.13	2,621.49	2,422.36	199.13	13.165		
10,700.00	7,253.93	10,301.27	7,070.24	102.96	102.48	85.99	608.50	-2,150.12	2,622.70	2,418.27	204.44	12.829		
10,800.00	7,254.74	10,401.26	7,070.25	105.61	105.16	85.97	608.47	-2,250.11	2,623.91	2,414.15	209.76	12.509		
10,900.00	7,255.55	10,501.25	7,070.26	108.26	107.86	85.96	608.44	-2,350.10	2,625.12	2,410.02	215.11	12.204		
11,000.00	7,256.35	10,601.24	7,070.27	110.92	110.57	85.94	608.40	-2,450.09	2,626.34	2,405.86	220.47	11.912		
11,100.00	7,257.16	10,701.23	7,070.28	113.60	113.28	85.93	608.37	-2,550.08	2,627.55	2,401.69	225.85	11.634		
11,200.00	7,257.97	10,801.22	7,070.28	116.28	116.00	85.91	608.33	-2,650.07	2,628.76	2,397.51	231.25	11.368		
11,300.00	7,258.78	10,901.21	7,070.29	118.97	118.72	85.90	608.30	-2,750.06	2,629.97	2,393.31	236.66	11.113		
11,400.00	7,259.58	11,001.20	7,070.30	121.67	121.45	85.88	608.27	-2,850.05	2,631.18	2,389.10	242.08	10.869		
11,500.00	7,260.39	11,101.19	7,070.31	124.38	124.19	85.86	608.23	-2,950.04	2,632.40	2,384.88	247.51	10.635		
11,600.00	7,261.20	11,201.18	7,070.32	127.09	126.94	85.85	608.20	-3,050.03	2,633.61	2,380.65	252.96	10.411		
11,700.00	7,262.01	11,301.17	7,070.33	129.81	129.68	85.83	608.17	-3,150.02	2,634.82	2,376.40	258.42	10.196		
11,800.00	7,262.82	11,401.16	7,070.34	132.53	132.44	85.82	608.13	-3,250.01	2,636.03	2,372.15	263.88	9.989		
11,900.00	7,263.62	11,501.15	7,070.35	135.26	135.19	85.80	608.10	-3,350.00	2,637.25	2,367.89	269.36	9.791		
12,000.00	7,264.43	11,601.14	7,070.36	138.00	137.95	85.79	608.06	-3,449.99	2,638.46	2,363.62	274.84	9.600		
12,100.00	7,265.24	11,701.13	7,070.36	140.74	140.72	85.77	608.03	-3,549.98	2,639.67	2,359.34	280.34	9.416		
12,200.00	7,266.05	11,801.12	7,070.37	143.49	143.49	85.76	608.00	-3,649.97	2,640.89	2,355.05	285.84	9.239		
12,300.00	7,266.86	11,901.11	7,070.38	146.24	146.26	85.74	607.96	-3,749.96	2,642.10	2,350.76	291.35	9.069		
12,400.00	7,267.66	12,001.10	7,070.39	148.99	149.04	85.73	607.93	-3,849.95	2,643.32	2,346.45	296.86	8.904		
12,500.00	7,268.47	12,101.09	7,070.40	151.75	151.82	85.71	607.90	-3,949.94	2,644.53	2,342.15	302.38	8.746		
12,600.00	7,269.28	12,201.08	7,070.41	154.51	154.60	85.69	607.86	-4,049.93	2,645.75	2,337.83	307.91	8.593		
12,700.00	7,270.09	12,301.07	7,070.42	157.27	157.38	85.68	607.83	-4,149.92	2,646.96	2,333.51	313.45	8.445		
12,800.00	7,270.89	12,401.06	7,070.43	160.04	160.17	85.66	607.80	-4,249.91	2,648.17	2,329.19	318.98	8.302		
12,900.00	7,271.70	12,501.05	7,070.44	162.81	162.96	85.65	607.76	-4,349.90	2,649.39	2,324.86	324.53	8.164		
13,000.00	7,272.51	12,601.04	7,070.44	165.58	165.75	85.63	607.73	-4,449.89	2,650.61	2,320.53	330.08	8.030		
13,100.00	7,273.32	12,701.03	7,070.45	168.36	168.55	85.62	607.69	-4,549.88	2,651.82	2,316.19	335.63	7.901		
13,200.00	7,274.13	12,801.02	7,070.46	171.14	171.34	85.60	607.66	-4,649.87	2,653.04	2,311.85	341.19	7.776		
13,300.00	7,274.93	12,901.01	7,070.47	173.92	174.14	85.59	607.63	-4,749.86	2,654.25	2,307.50	346.75	7.655		
13,400.00	7,275.74	13,001.00	7,070.48	176.71	176.94	85.57	607.59	-4,849.85	2,655.47	2,303.15	352.32	7.537		
13,500.00	7,276.55	13,100.99	7,070.49	179.49	179.75	85.56	607.56	-4,949.84	2,656.68	2,298.79	357.89	7.423		
13,555.88	7,277.00	13,156.87	7,070.49	181.05	181.31	85.55	607.54	-5,005.72	2,657.36	2,296.36	361.01	7.361 SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	0.46	104.92	0.83	104.92					
100.00	100.00	100.00	100.00	3.28	3.28	0.46	104.92	0.83	104.92	98.35	6.57	15.971		
200.00	200.00	200.00	200.00	3.34	3.34	0.46	104.92	0.83	104.92	98.25	6.67	15.721 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	-146.01	104.92	0.83	106.36	99.48	6.89	15.448		
400.00	399.84	401.61	401.59	3.59	3.60	-146.67	104.13	2.45	109.93	102.74	7.19	15.280		
500.00	499.45	503.29	503.12	3.79	3.80	-146.64	101.76	7.31	114.83	107.23	7.60	15.117		
600.00	598.70	604.96	604.38	4.04	4.04	-145.99	97.81	15.41	121.04	112.96	8.08	14.975		
700.00	697.47	706.57	705.20	4.32	4.32	-144.83	92.29	26.72	128.60	119.96	8.65	14.874		
800.00	795.62	808.06	805.40	4.64	4.64	-143.28	85.22	41.22	137.57	128.29	9.28	14.829		
900.00	893.06	909.39	904.81	5.01	4.99	-141.44	76.61	58.87	148.01	138.03	9.97	14.841		
1,000.00	989.64	1,009.13	1,002.11	5.41	5.37	-139.74	67.00	78.58	160.28	149.55	10.72	14.949		
1,100.00	1,085.27	1,107.99	1,098.52	5.85	5.77	-138.94	57.40	98.25	175.19	163.67	11.52	15.209		
1,200.00	1,179.82	1,206.44	1,194.52	6.33	6.18	-138.90	47.85	117.84	192.71	180.35	12.36	15.593		
1,300.00	1,273.78	1,304.64	1,290.28	6.85	6.61	-139.37	38.32	137.37	211.54	198.31	13.23	15.990		
1,400.00	1,367.75	1,402.84	1,386.04	7.38	7.05	-139.77	28.79	156.91	230.37	216.25	14.12	16.311		
1,500.00	1,461.72	1,501.04	1,481.81	7.93	7.50	-140.11	19.26	176.45	249.22	234.18	15.04	16.571		
1,600.00	1,555.69	1,600.77	1,577.57	8.49	7.97	-140.39	9.73	195.99	268.07	252.09	15.98	16.774		
1,700.00	1,649.66	1,702.57	1,673.33	9.07	8.45	-140.65	0.20	215.53	286.93	269.98	16.95	16.931		
1,800.00	1,743.63	1,804.37	1,769.09	9.65	8.94	-140.87	-9.33	235.07	305.79	287.86	17.93	17.059		
1,900.00	1,837.60	1,906.17	1,864.85	10.24	9.43	-141.06	-18.86	254.61	324.66	305.74	18.92	17.163		
2,000.00	1,931.57	1,992.03	1,960.62	10.83	9.86	-141.23	-28.39	274.15	343.53	323.69	19.84	17.316		
2,100.00	2,025.54	2,109.77	2,056.38	11.43	10.44	-141.39	-37.92	293.69	362.40	341.48	20.92	17.322		
2,200.00	2,119.51	2,188.43	2,152.14	12.03	10.83	-141.53	-47.45	313.22	381.27	359.45	21.82	17.471		
2,300.00	2,213.48	2,286.62	2,247.90	12.64	11.32	-141.65	-56.98	332.76	400.15	377.33	22.82	17.532		
2,400.00	2,307.45	2,384.82	2,343.66	13.25	11.81	-141.77	-66.51	352.30	419.03	395.20	23.83	17.583		
2,500.00	2,401.42	2,483.02	2,439.43	13.87	12.30	-141.88	-76.04	371.84	437.91	413.07	24.84	17.628		
2,600.00	2,495.39	2,581.22	2,535.19	14.48	12.80	-141.97	-85.57	391.38	456.79	430.93	25.86	17.666		
2,700.00	2,589.35	2,679.42	2,630.95	15.10	13.30	-142.06	-95.10	410.92	475.67	448.80	26.88	17.699		
2,800.00	2,683.32	2,777.62	2,726.71	15.72	13.80	-142.14	-104.63	430.46	494.56	466.66	27.90	17.728		
2,900.00	2,777.29	2,875.82	2,822.47	16.34	14.30	-142.22	-114.16	450.00	513.44	484.52	28.92	17.753		
3,000.00	2,871.26	2,974.01	2,918.24	16.97	14.80	-142.29	-123.68	469.54	532.33	502.38	29.95	17.775		
3,100.00	2,965.23	3,072.21	3,014.00	17.59	15.30	-142.36	-133.21	489.07	551.21	520.23	30.98	17.794		
3,200.00	3,059.20	3,170.41	3,109.76	18.22	15.81	-142.42	-142.74	508.61	570.10	538.09	32.01	17.811		
3,300.00	3,153.17	3,268.61	3,205.52	18.84	16.31	-142.47	-152.27	528.15	588.99	555.94	33.04	17.825		
3,400.00	3,247.14	3,366.81	3,301.28	19.47	16.82	-142.53	-161.80	547.69	607.87	573.80	34.08	17.838		
3,500.00	3,341.11	3,465.01	3,397.05	20.10	17.32	-142.58	-171.33	567.23	626.76	591.65	35.11	17.850		
3,600.00	3,435.08	3,563.20	3,492.81	20.73	17.83	-142.63	-180.86	586.77	645.65	609.50	36.15	17.860		
3,700.00	3,529.05	3,661.40	3,588.57	21.36	18.34	-142.67	-190.39	606.31	664.54	627.35	37.19	17.869		
3,800.00	3,623.02	3,759.60	3,684.33	21.99	18.85	-142.71	-199.92	625.85	683.43	645.20	38.23	17.877		
3,900.00	3,716.99	3,857.80	3,780.09	22.62	19.35	-142.75	-209.45	645.39	702.32	663.05	39.27	17.884		
4,000.00	3,810.95	3,956.00	3,875.86	23.25	19.86	-142.79	-218.98	664.92	721.21	680.90	40.31	17.891		
4,100.00	3,904.92	4,054.20	3,971.62	23.88	20.37	-142.83	-228.51	684.46	740.10	698.74	41.36	17.896		
4,200.00	3,998.89	4,152.40	4,067.38	24.52	20.88	-142.86	-238.04	704.00	758.99	716.59	42.40	17.901		
4,300.00	4,092.86	4,250.59	4,163.14	25.15	21.39	-142.90	-247.57	723.54	777.88	734.44	43.44	17.905		
4,400.00	4,186.83	4,348.79	4,258.90	25.78	21.90	-142.93	-257.10	743.08	796.77	752.28	44.49	17.909		
4,500.00	4,280.80	4,446.99	4,354.67	26.42	22.42	-142.96	-266.63	762.62	815.66	770.13	45.54	17.913		
4,600.00	4,374.77	4,545.19	4,450.43	27.05	22.93	-142.99	-276.16	782.16	834.56	787.97	46.58	17.916		
4,700.00	4,468.74	4,643.39	4,546.19	27.68	23.44	-143.01	-285.69	801.70	853.45	805.82	47.63	17.919		
4,800.00	4,562.71	4,741.59	4,641.95	28.32	23.95	-143.04	-295.22	821.24	872.34	823.66	48.68	17.921		
4,900.00	4,656.68	4,839.79	4,737.71	28.95	24.46	-143.06	-304.75	840.78	891.23	841.51	49.73	17.923		
5,000.00	4,750.65	4,937.98	4,833.48	29.59	24.98	-143.09	-314.28	860.31	910.12	859.35	50.77	17.925		
5,100.00	4,844.62	5,036.18	4,929.24	30.23	25.49	-143.11	-323.81	879.85	929.02	877.19	51.82	17.927		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	5,134.38	5,025.00	30.86	26.00	-143.13	-333.34	899.39	947.91	895.03	52.87	17.928		
5,300.00	5,032.56	5,232.58	5,120.76	31.50	26.51	-143.15	-342.87	918.93	966.80	912.88	53.92	17.929		
5,400.00	5,126.52	5,330.78	5,216.52	32.13	27.03	-143.17	-352.40	938.47	985.69	930.72	54.97	17.930		
5,500.00	5,220.49	5,428.98	5,312.29	32.77	27.54	-143.19	-361.93	958.01	1,004.59	948.56	56.03	17.931		
5,600.00	5,314.46	5,527.18	5,408.05	33.41	28.05	-143.21	-371.46	977.55	1,023.48	966.40	57.08	17.932		
5,700.00	5,408.43	5,625.37	5,503.81	34.04	28.57	-143.23	-380.99	997.09	1,042.37	984.24	58.13	17.932		
5,800.00	5,502.40	5,723.57	5,599.57	34.68	29.08	-143.25	-390.52	1,016.63	1,061.27	1,002.09	59.18	17.933		
5,900.00	5,596.37	5,821.77	5,695.33	35.32	29.60	-143.26	-400.05	1,036.16	1,080.16	1,019.93	60.23	17.933		
6,000.00	5,690.34	5,919.97	5,791.10	35.96	30.11	-143.28	-409.58	1,055.70	1,099.05	1,037.77	61.29	17.933		
6,100.00	5,784.31	6,018.17	5,886.86	36.59	30.62	-143.30	-419.11	1,075.24	1,117.95	1,055.61	62.34	17.934		
6,200.00	5,878.28	6,116.37	5,982.62	37.23	31.14	-143.31	-428.64	1,094.78	1,136.84	1,073.45	63.39	17.934		
6,300.00	5,972.25	6,214.56	6,078.38	37.87	31.65	-143.33	-438.17	1,114.32	1,155.73	1,091.29	64.44	17.934		
6,400.00	6,066.22	6,312.76	6,174.14	38.51	32.17	-143.34	-447.70	1,133.86	1,174.63	1,109.13	65.50	17.934		
6,500.00	6,160.19	6,410.96	6,269.91	39.14	32.68	-143.35	-457.23	1,153.40	1,193.52	1,126.97	66.55	17.934		
6,600.00	6,254.16	6,509.16	6,365.67	39.78	33.20	-143.37	-466.76	1,172.94	1,212.41	1,144.81	67.61	17.934		
6,700.00	6,348.13	6,607.36	6,461.43	40.42	33.71	-143.38	-476.29	1,192.48	1,231.31	1,162.65	68.66	17.933		
6,800.00	6,442.09	6,710.28	6,562.71	41.06	34.20	-143.67	-486.34	1,207.11	1,250.04	1,180.37	69.67	17.941		
6,869.92	6,507.80	6,780.68	6,632.73	41.51	34.47	-144.29	-493.25	1,207.72	1,262.98	1,192.74	70.24	17.981		
6,900.00	6,536.18	6,810.10	6,661.93	41.69	34.57	-151.91	-496.13	1,205.67	1,268.60	1,198.15	70.45	18.006		
6,950.00	6,583.76	6,858.29	6,709.47	41.98	34.72	-166.50	-500.79	1,199.39	1,278.16	1,207.39	70.78	18.058		
7,000.00	6,631.58	6,905.65	6,756.60	42.23	34.88	177.46	-505.30	1,189.72	1,287.93	1,216.85	71.08	18.119		
7,050.00	6,679.34	6,952.25	6,800.17	42.44	35.03	161.79	-509.65	1,176.87	1,297.84	1,226.47	71.37	18.184		
7,100.00	6,726.76	6,998.16	6,843.06	42.62	35.19	148.09	-513.82	1,161.03	1,307.81	1,236.15	71.65	18.252		
7,150.00	6,773.53	7,043.46	6,884.14	42.78	35.35	136.92	-517.79	1,142.41	1,317.77	1,245.83	71.94	18.317		
7,200.00	6,819.38	7,088.19	6,923.33	42.91	35.53	128.06	-521.57	1,121.18	1,327.65	1,255.41	72.24	18.378		
7,250.00	6,864.01	7,132.43	6,960.52	43.03	35.71	121.04	-525.15	1,097.53	1,337.39	1,264.83	72.56	18.433		
7,300.00	6,907.16	7,176.21	6,995.65	43.14	35.91	115.40	-528.51	1,071.61	1,346.90	1,274.00	72.89	18.477		
7,350.00	6,948.56	7,219.60	7,028.62	43.24	36.12	110.81	-531.65	1,043.60	1,356.13	1,282.86	73.26	18.510		
7,400.00	6,987.94	7,262.63	7,059.37	43.35	36.36	107.01	-534.56	1,013.65	1,365.00	1,291.33	73.67	18.529		
7,450.00	7,025.08	7,305.36	7,087.85	43.46	36.61	103.83	-537.24	981.92	1,373.46	1,299.34	74.12	18.531		
7,500.00	7,059.73	7,347.81	7,113.98	43.57	36.88	101.15	-539.68	948.57	1,381.44	1,306.82	74.62	18.514		
7,550.00	7,091.70	7,390.03	7,137.72	43.70	37.18	98.87	-541.88	913.74	1,388.90	1,313.72	75.18	18.475		
7,600.00	7,120.77	7,432.04	7,159.01	43.84	37.50	96.93	-543.84	877.58	1,395.77	1,319.97	75.80	18.413		
7,650.00	7,146.77	7,473.87	7,177.81	44.00	37.85	95.30	-545.54	840.26	1,402.02	1,325.52	76.50	18.327		
7,700.00	7,169.54	7,515.56	7,194.07	44.18	38.23	93.92	-546.99	801.91	1,407.61	1,330.33	77.27	18.217		
7,750.00	7,188.94	7,557.12	7,207.77	44.38	38.62	92.78	-548.18	762.69	1,412.48	1,334.37	78.12	18.082		
7,800.00	7,204.85	7,598.58	7,218.87	44.61	39.05	91.87	-549.11	722.77	1,416.62	1,337.59	79.04	17.923		
7,850.00	7,217.17	7,639.96	7,227.34	44.88	39.50	91.16	-549.78	682.28	1,420.00	1,339.96	80.04	17.742		
7,900.00	7,225.83	7,681.28	7,233.18	45.17	39.96	90.64	-550.19	641.38	1,422.59	1,341.49	81.10	17.540		
7,950.00	7,230.77	7,722.55	7,236.36	45.50	40.45	90.32	-550.33	600.23	1,424.38	1,342.15	82.23	17.322		
7,985.49	7,232.00	7,752.21	7,237.00	45.75	40.81	90.21	-550.28	570.59	1,425.16	1,342.10	83.06	17.159		
8,000.00	7,232.12	7,766.72	7,237.03	45.86	40.99	90.20	-550.22	556.08	1,425.39	1,341.97	83.42	17.087		
8,100.00	7,232.93	7,766.70	7,237.22	46.71	42.33	90.18	-549.83	456.10	1,426.97	1,340.87	86.10	16.574		
8,200.00	7,233.74	7,766.69	7,237.40	47.73	43.80	90.15	-549.44	356.11	1,428.55	1,339.50	89.05	16.042		
8,300.00	7,234.54	8,066.68	7,237.59	48.94	45.42	90.13	-549.05	256.13	1,430.13	1,337.87	92.26	15.501		
8,400.00	7,235.35	8,166.66	7,237.78	50.32	47.16	90.10	-548.66	156.14	1,431.71	1,336.00	95.71	14.959		
8,500.00	7,236.16	8,266.65	7,237.96	51.86	49.01	90.08	-548.27	56.16	1,433.29	1,333.93	99.36	14.425		
8,600.00	7,236.97	8,366.63	7,238.15	53.54	50.95	90.05	-547.88	-43.83	1,434.87	1,331.67	103.20	13.903		
8,700.00	7,237.77	8,466.62	7,238.34	55.33	52.98	90.03	-547.49	-143.81	1,436.45	1,329.24	107.21	13.398		
8,800.00	7,238.58	8,566.60	7,238.52	57.24	55.08	90.00	-547.09	-243.80	1,438.04	1,326.67	111.37	12.913		
8,900.00	7,239.39	8,666.59	7,238.71	59.24	57.25	89.98	-546.70	-343.78	1,439.62	1,323.96	115.66	12.447		
9,000.00	7,240.20	8,766.57	7,238.89	61.31	59.48	89.96	-546.31	-443.77	1,441.20	1,321.14	120.07	12.003		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	8,866.56	7,239.08	63.46	61.77	89.93	-545.92	-543.75	1,442.78	1,318.20	124.58	11.581		
9,200.00	7,241.81	8,966.55	7,239.27	65.67	64.10	89.91	-545.53	-643.74	1,444.37	1,315.18	129.19	11.180		
9,300.00	7,242.62	9,066.53	7,239.45	67.93	66.47	89.88	-545.14	-743.72	1,445.95	1,312.07	133.88	10.800		
9,400.00	7,243.43	9,166.52	7,239.64	70.25	68.88	89.86	-544.75	-843.70	1,447.53	1,308.88	138.66	10.440		
9,500.00	7,244.24	9,266.50	7,239.83	72.60	71.33	89.83	-544.36	-943.69	1,449.12	1,305.62	143.49	10.099		
9,600.00	7,245.04	9,366.49	7,240.01	74.99	73.80	89.81	-543.97	-1,043.67	1,450.70	1,302.31	148.40	9.776		
9,700.00	7,245.85	9,466.47	7,240.20	77.42	76.30	89.78	-543.58	-1,143.66	1,452.29	1,298.93	153.35	9.470		
9,800.00	7,246.66	9,566.46	7,240.38	79.87	78.83	89.76	-543.19	-1,243.64	1,453.87	1,295.51	158.36	9.181		
9,900.00	7,247.47	9,666.44	7,240.57	82.36	81.38	89.74	-542.80	-1,343.63	1,455.46	1,292.04	163.42	8.906		
10,000.00	7,248.28	9,766.43	7,240.76	84.87	83.94	89.71	-542.41	-1,443.61	1,457.04	1,288.53	168.52	8.646		
10,100.00	7,249.08	9,866.42	7,240.94	87.40	86.53	89.69	-542.02	-1,543.60	1,458.63	1,284.98	173.65	8.400		
10,200.00	7,249.89	9,966.40	7,241.13	89.95	89.14	89.66	-541.63	-1,643.58	1,460.21	1,281.39	178.82	8.166		
10,300.00	7,250.70	10,066.39	7,241.32	92.52	91.76	89.64	-541.24	-1,743.57	1,461.80	1,277.78	184.02	7.944		
10,400.00	7,251.51	10,166.37	7,241.50	95.11	94.39	89.62	-540.84	-1,843.55	1,463.39	1,274.13	189.26	7.732		
10,500.00	7,252.31	10,266.36	7,241.69	97.71	97.04	89.59	-540.45	-1,943.54	1,464.97	1,270.46	194.51	7.531		
10,600.00	7,253.12	10,366.34	7,241.87	100.33	99.69	89.57	-540.06	-2,043.52	1,466.56	1,266.76	199.80	7.340		
10,700.00	7,253.93	10,466.33	7,242.06	102.96	102.36	89.54	-539.67	-2,143.50	1,468.15	1,263.04	205.10	7.158		
10,800.00	7,254.74	10,566.31	7,242.25	105.61	105.04	89.52	-539.28	-2,243.49	1,469.73	1,259.30	210.43	6.984		
10,900.00	7,255.55	10,666.30	7,242.43	108.26	107.73	89.50	-538.89	-2,343.47	1,471.32	1,255.54	215.78	6.819		
11,000.00	7,256.35	10,766.29	7,242.62	110.92	110.43	89.47	-538.50	-2,443.46	1,472.91	1,251.76	221.15	6.660		
11,100.00	7,257.16	10,866.27	7,242.81	113.60	113.14	89.45	-538.11	-2,543.44	1,474.50	1,247.97	226.53	6.509		
11,200.00	7,257.97	10,966.26	7,242.99	116.28	115.85	89.43	-537.72	-2,643.43	1,476.08	1,244.16	231.93	6.364		
11,300.00	7,258.78	11,066.24	7,243.18	118.97	118.57	89.40	-537.33	-2,743.41	1,477.67	1,240.33	237.34	6.226		
11,400.00	7,259.58	11,166.23	7,243.36	121.67	121.30	89.38	-536.94	-2,843.40	1,479.26	1,236.49	242.77	6.093		
11,500.00	7,260.39	11,266.21	7,243.55	124.38	124.03	89.36	-536.55	-2,943.38	1,480.85	1,232.64	248.21	5.966		
11,600.00	7,261.20	11,366.20	7,243.74	127.09	126.77	89.33	-536.16	-3,043.37	1,482.44	1,228.78	253.66	5.844		
11,700.00	7,262.01	11,466.18	7,243.92	129.81	129.51	89.31	-535.77	-3,143.35	1,484.03	1,224.91	259.12	5.727		
11,800.00	7,262.82	11,566.17	7,244.11	132.53	132.26	89.29	-535.38	-3,243.34	1,485.62	1,221.03	264.59	5.615		
11,900.00	7,263.62	11,666.16	7,244.30	135.26	135.01	89.26	-534.99	-3,343.32	1,487.21	1,217.13	270.08	5.507		
12,000.00	7,264.43	11,766.14	7,244.48	138.00	137.77	89.24	-534.59	-3,443.30	1,488.80	1,213.23	275.57	5.403		
12,100.00	7,265.24	11,866.13	7,244.67	140.74	140.53	89.22	-534.20	-3,543.29	1,490.39	1,209.32	281.07	5.303		
12,200.00	7,266.05	11,966.11	7,244.85	143.49	143.30	89.19	-533.81	-3,643.27	1,491.98	1,205.40	286.58	5.206		
12,300.00	7,266.86	12,066.10	7,245.04	146.24	146.07	89.17	-533.42	-3,743.26	1,493.57	1,201.48	292.10	5.113		
12,400.00	7,267.66	12,166.08	7,245.23	148.99	148.84	89.15	-533.03	-3,843.24	1,495.16	1,197.54	297.62	5.024		
12,500.00	7,268.47	12,266.07	7,245.41	151.75	151.62	89.12	-532.64	-3,943.23	1,496.75	1,193.60	303.15	4.937		
12,600.00	7,269.28	12,366.05	7,245.60	154.51	154.40	89.10	-532.25	-4,043.21	1,498.35	1,189.66	308.69	4.854		
12,700.00	7,270.09	12,466.04	7,245.79	157.27	157.18	89.08	-531.86	-4,143.20	1,499.94	1,185.71	314.23	4.773		
12,800.00	7,270.89	12,566.03	7,245.97	160.04	159.96	89.06	-531.47	-4,243.18	1,501.53	1,181.75	319.78	4.695		
12,900.00	7,271.70	12,666.01	7,246.16	162.81	162.75	89.03	-531.08	-4,343.17	1,503.12	1,177.79	325.34	4.620		
13,000.00	7,272.51	12,766.00	7,246.34	165.58	165.54	89.01	-530.69	-4,443.15	1,504.71	1,173.82	330.90	4.547		
13,100.00	7,273.32	12,865.98	7,246.53	168.36	168.33	88.99	-530.30	-4,543.14	1,506.31	1,169.85	336.46	4.477		
13,200.00	7,274.13	12,965.97	7,246.72	171.14	171.13	88.97	-529.91	-4,643.12	1,507.90	1,165.87	342.03	4.409		
13,300.00	7,274.93	13,065.95	7,246.90	173.92	173.92	88.94	-529.52	-4,743.10	1,509.49	1,161.89	347.61	4.343		
13,400.00	7,275.74	13,165.94	7,247.09	176.71	176.72	88.92	-529.13	-4,843.09	1,511.09	1,157.90	353.18	4.278		
13,500.00	7,276.55	13,265.92	7,247.28	179.49	179.52	88.90	-528.74	-4,943.07	1,512.68	1,153.91	358.77	4.216		
13,555.88	7,277.00	13,321.80	7,247.38	181.05	181.09	88.89	-528.52	-4,998.95	1,513.57	1,151.68	361.89	4.182 SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	0.53	119.86	1.11	119.86					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	119.86	1.11	119.86	113.29	6.57	18.246		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	119.86	1.11	119.86	113.19	6.67	17.959 CC, ES		
300.00	299.98	300.67	300.65	3.44	3.44	-145.05	119.55	2.85	121.01	114.13	6.88	17.580		
400.00	399.84	401.23	401.07	3.59	3.60	-143.99	118.63	8.07	124.49	117.30	7.19	17.312		
500.00	499.45	501.57	501.01	3.79	3.81	-142.34	117.10	16.73	130.36	122.76	7.59	17.167		
600.00	598.70	601.57	600.25	4.04	4.05	-140.28	114.98	28.78	138.71	130.63	8.08	17.163		
700.00	697.47	701.12	698.57	4.32	4.34	-137.96	112.27	44.17	149.64	140.99	8.65	17.302		
800.00	795.62	800.13	795.75	4.64	4.66	-135.54	108.98	62.79	163.22	153.93	9.29	17.572		
900.00	893.06	901.32	892.13	5.01	5.03	-133.64	105.40	83.08	179.44	169.44	10.00	17.940		
1,000.00	989.64	1,003.10	988.17	5.41	5.42	-132.73	101.84	103.31	198.11	187.34	10.77	18.388		
1,100.00	1,085.27	1,105.34	1,083.77	5.85	5.83	-132.59	98.29	123.44	219.11	207.52	11.60	18.896		
1,200.00	1,179.82	1,208.15	1,178.81	6.33	6.27	-133.00	94.76	143.46	242.44	229.98	12.46	19.453		
1,300.00	1,273.78	1,288.72	1,273.54	6.85	6.62	-133.90	91.24	163.40	266.98	253.71	13.26	20.130		
1,400.00	1,367.75	1,385.58	1,368.26	7.38	7.05	-134.65	87.72	183.35	291.56	277.41	14.15	20.599		
1,500.00	1,461.72	1,482.45	1,462.98	7.93	7.49	-135.29	84.21	203.30	316.19	301.12	15.07	20.987		
1,600.00	1,555.69	1,579.31	1,557.71	8.49	7.94	-135.83	80.69	223.25	340.85	324.85	15.99	21.310		
1,700.00	1,649.66	1,676.18	1,652.43	9.07	8.39	-136.30	77.17	243.19	365.53	348.60	16.94	21.581		
1,800.00	1,743.63	1,773.04	1,747.15	9.65	8.85	-136.72	73.65	263.14	390.24	372.34	17.89	21.810		
1,900.00	1,837.60	1,869.91	1,841.88	10.24	9.31	-137.08	70.14	283.09	414.96	396.10	18.86	22.005		
2,000.00	1,931.57	1,966.77	1,936.60	10.83	9.78	-137.40	66.62	303.03	439.69	419.86	19.83	22.173		
2,100.00	2,025.54	2,063.64	2,031.32	11.43	10.24	-137.69	63.10	322.98	464.44	443.63	20.81	22.317		
2,200.00	2,119.51	2,160.50	2,126.05	12.03	10.72	-137.94	59.59	342.93	489.19	467.40	21.80	22.443		
2,300.00	2,213.48	2,257.37	2,220.77	12.64	11.19	-138.18	56.07	362.88	513.96	491.17	22.79	22.552		
2,400.00	2,307.45	2,354.23	2,315.50	13.25	11.67	-138.39	52.55	382.82	538.73	514.94	23.79	22.649		
2,500.00	2,401.42	2,451.10	2,410.22	13.87	12.14	-138.58	49.03	402.77	563.51	538.72	24.79	22.733		
2,600.00	2,495.39	2,547.96	2,504.94	14.48	12.62	-138.76	45.52	422.72	588.29	562.50	25.79	22.809		
2,700.00	2,589.35	2,644.83	2,599.67	15.10	13.11	-138.92	42.00	442.67	613.08	586.28	26.80	22.876		
2,800.00	2,683.32	2,741.69	2,694.39	15.72	13.59	-139.07	38.48	462.61	637.87	610.06	27.81	22.936		
2,900.00	2,777.29	2,838.56	2,789.11	16.34	14.07	-139.21	34.96	482.56	662.67	633.84	28.82	22.990		
3,000.00	2,871.26	2,935.42	2,883.84	16.97	14.56	-139.34	31.45	502.51	687.47	657.63	29.84	23.038		
3,100.00	2,965.23	3,032.29	2,978.56	17.59	15.04	-139.46	27.93	522.46	712.27	681.41	30.86	23.082		
3,200.00	3,059.20	3,129.15	3,073.28	18.22	15.53	-139.57	24.41	542.40	737.08	705.20	31.88	23.121		
3,300.00	3,153.17	3,226.02	3,168.01	18.84	16.02	-139.68	20.90	562.35	761.88	728.98	32.90	23.158		
3,400.00	3,247.14	3,322.88	3,262.73	19.47	16.50	-139.77	17.38	582.30	786.69	752.77	33.92	23.190		
3,500.00	3,341.11	3,419.75	3,357.45	20.10	16.99	-139.87	13.86	602.25	811.51	776.56	34.95	23.221		
3,600.00	3,435.08	3,516.61	3,452.18	20.73	17.48	-139.95	10.34	622.19	836.32	800.35	35.97	23.248		
3,700.00	3,529.05	3,613.48	3,546.90	21.36	17.97	-140.03	6.83	642.14	861.14	824.14	37.00	23.273		
3,800.00	3,623.02	3,710.34	3,641.62	21.99	18.46	-140.11	3.31	662.09	885.95	847.93	38.03	23.297		
3,900.00	3,716.99	3,807.20	3,736.35	22.62	18.95	-140.18	-0.21	682.03	910.77	871.71	39.06	23.318		
4,000.00	3,810.95	3,904.07	3,831.07	23.25	19.44	-140.25	-3.73	701.98	935.59	895.50	40.09	23.338		
4,100.00	3,904.92	4,000.93	3,925.79	23.88	19.94	-140.32	-7.24	721.93	960.41	919.30	41.12	23.357		
4,200.00	3,998.89	4,102.20	4,020.52	24.52	20.45	-140.38	-10.76	741.88	985.24	943.06	42.17	23.362		
4,300.00	4,092.86	4,205.34	4,115.24	25.15	20.98	-140.44	-14.28	761.82	1,010.06	966.82	43.24	23.361		
4,400.00	4,186.83	4,308.47	4,209.97	25.78	21.50	-140.49	-17.79	781.77	1,034.88	990.58	44.30	23.359		
4,500.00	4,280.80	4,388.39	4,304.69	26.42	21.91	-140.55	-21.31	801.72	1,059.71	1,014.46	45.25	23.418		
4,600.00	4,374.77	4,485.26	4,399.41	27.05	22.40	-140.60	-24.83	821.67	1,084.54	1,038.25	46.29	23.431		
4,700.00	4,468.74	4,582.12	4,494.14	27.68	22.89	-140.65	-28.35	841.61	1,109.36	1,062.04	47.32	23.444		
4,800.00	4,562.71	4,678.99	4,588.86	28.32	23.39	-140.69	-31.86	861.56	1,134.19	1,085.83	48.36	23.455		
4,900.00	4,656.68	4,775.85	4,683.58	28.95	23.88	-140.74	-35.38	881.51	1,159.02	1,109.63	49.39	23.465		
5,000.00	4,750.65	4,872.72	4,778.31	29.59	24.38	-140.78	-38.90	901.46	1,183.85	1,133.42	50.43	23.475		
5,100.00	4,844.62	4,969.58	4,873.03	30.23	24.87	-140.82	-42.42	921.40	1,208.68	1,157.21	51.47	23.485		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	5,066.45	4,967.75	30.86	25.37	-140.86	-45.93	941.35	1,233.51	1,181.00	52.50	23.494		
5,300.00	5,032.56	5,163.31	5,062.48	31.50	25.86	-140.90	-49.45	961.30	1,258.34	1,204.80	53.54	23.502		
5,400.00	5,126.52	5,260.18	5,157.20	32.13	26.36	-140.94	-52.97	981.25	1,283.17	1,228.59	54.58	23.510		
5,500.00	5,220.49	5,357.04	5,251.92	32.77	26.85	-140.97	-56.48	1,001.19	1,308.00	1,252.38	55.62	23.517		
5,600.00	5,314.46	5,453.91	5,346.65	33.41	27.35	-141.01	-60.00	1,021.14	1,332.83	1,276.17	56.66	23.524		
5,700.00	5,408.43	5,550.77	5,441.37	34.04	27.84	-141.04	-63.52	1,041.09	1,357.66	1,299.97	57.70	23.531		
5,800.00	5,502.40	5,647.64	5,536.09	34.68	28.34	-141.07	-67.04	1,061.03	1,382.50	1,323.76	58.74	23.537		
5,900.00	5,596.37	5,744.50	5,630.82	35.32	28.83	-141.10	-70.55	1,080.98	1,407.33	1,347.55	59.78	23.543		
6,000.00	5,690.34	5,841.37	5,725.54	35.96	29.33	-141.13	-74.07	1,100.93	1,432.16	1,371.35	60.82	23.549		
6,100.00	5,784.31	5,938.23	5,820.26	36.59	29.83	-141.16	-77.59	1,120.88	1,457.00	1,395.14	61.86	23.554		
6,200.00	5,878.28	6,035.10	5,914.99	37.23	30.32	-141.18	-81.11	1,140.82	1,481.83	1,418.93	62.90	23.559		
6,300.00	5,972.25	6,131.96	6,009.71	37.87	30.82	-141.21	-84.62	1,160.77	1,506.67	1,442.73	63.94	23.564		
6,400.00	6,066.22	6,228.83	6,104.44	38.51	31.31	-141.24	-88.14	1,180.72	1,531.50	1,466.52	64.98	23.569		
6,500.00	6,160.19	6,330.46	6,203.97	39.14	31.83	-141.29	-91.84	1,200.88	1,556.29	1,490.24	66.06	23.560		
6,600.00	6,254.16	6,442.43	6,315.45	39.78	32.29	-141.89	-96.04	1,208.68	1,580.37	1,513.31	67.06	23.566		
6,700.00	6,348.13	6,546.45	6,418.75	40.42	32.64	-143.06	-99.99	1,198.33	1,603.93	1,536.09	67.84	23.643		
6,800.00	6,442.09	6,638.55	6,507.76	41.06	32.97	-144.54	-103.45	1,175.22	1,627.87	1,559.38	68.48	23.770		
6,869.92	6,507.80	6,695.13	6,560.44	41.51	33.19	-145.64	-105.52	1,154.74	1,645.35	1,576.49	68.86	23.894		
6,900.00	6,536.18	6,717.90	6,581.09	41.69	33.29	-153.61	-106.34	1,145.18	1,653.18	1,584.17	69.01	23.957		
6,950.00	6,583.76	6,754.99	6,613.96	41.98	33.45	-168.78	-107.64	1,128.06	1,666.64	1,597.41	69.23	24.075		
7,000.00	6,631.58	6,791.25	6,645.08	42.23	33.62	174.60	-108.89	1,109.50	1,680.55	1,611.12	69.43	24.205		
7,050.00	6,679.34	6,826.80	6,674.51	42.44	33.80	158.34	-110.08	1,089.60	1,694.78	1,625.16	69.62	24.344		
7,100.00	6,726.76	6,861.76	6,702.33	42.62	33.98	144.07	-111.21	1,068.47	1,709.18	1,639.38	69.80	24.487		
7,150.00	6,773.53	6,896.22	6,728.58	42.78	34.18	132.34	-112.29	1,046.17	1,723.64	1,653.66	69.98	24.630		
7,200.00	6,819.38	6,930.25	6,753.27	42.91	34.39	122.94	-113.31	1,022.79	1,738.01	1,667.83	70.18	24.767		
7,250.00	6,864.01	6,963.91	6,776.44	43.03	34.60	115.40	-114.28	998.39	1,752.18	1,681.80	70.38	24.895		
7,300.00	6,907.16	7,000.00	6,799.81	43.14	34.85	109.25	-115.26	970.92	1,766.03	1,695.40	70.63	25.004		
7,350.00	6,948.56	7,030.35	6,818.23	43.24	35.09	104.24	-116.05	946.81	1,779.44	1,708.57	70.87	25.109		
7,400.00	6,987.94	7,063.22	6,836.87	43.35	35.35	100.03	-116.85	919.75	1,792.32	1,721.16	71.16	25.188		
7,450.00	7,025.08	7,095.90	6,853.98	43.46	35.62	96.46	-117.60	891.92	1,804.55	1,733.06	71.49	25.242		
7,500.00	7,059.73	7,128.43	6,869.58	43.57	35.92	93.44	-118.30	863.39	1,816.06	1,744.18	71.88	25.265		
7,550.00	7,091.70	7,160.81	6,883.64	43.70	36.22	90.85	-118.94	834.23	1,826.76	1,754.44	72.32	25.259		
7,600.00	7,120.77	7,193.09	6,896.16	43.84	36.55	88.65	-119.52	804.49	1,836.56	1,763.74	72.83	25.218		
7,650.00	7,146.77	7,225.27	6,907.13	44.00	36.89	86.78	-120.05	774.25	1,845.41	1,772.00	73.41	25.138		
7,700.00	7,169.54	7,257.37	6,916.54	44.18	37.24	85.21	-120.52	743.56	1,853.24	1,779.18	74.06	25.022		
7,750.00	7,188.94	7,289.41	6,924.37	44.38	37.61	83.91	-120.93	712.50	1,859.99	1,785.19	74.80	24.867		
7,800.00	7,204.85	7,321.40	6,930.63	44.61	37.99	82.87	-121.28	681.14	1,865.63	1,790.02	75.61	24.674		
7,850.00	7,217.17	7,350.00	6,934.88	44.88	38.34	82.08	-121.54	652.86	1,870.11	1,793.64	76.47	24.454		
7,900.00	7,225.83	7,385.25	6,938.37	45.17	38.78	81.51	-121.80	617.79	1,873.40	1,795.94	77.47	24.183		
7,950.00	7,230.77	7,417.13	6,939.86	45.50	39.19	81.16	-121.98	585.94	1,875.49	1,796.99	78.50	23.893		
7,985.49	7,232.00	7,445.80	6,940.04	45.75	39.57	81.05	-122.09	557.28	1,876.20	1,796.89	79.31	23.655		
8,000.00	7,232.12	7,460.31	6,940.08	45.86	39.77	81.05	-122.14	542.77	1,876.33	1,796.65	79.68	23.548		
8,100.00	7,232.93	7,560.30	6,940.35	46.71	41.21	81.04	-122.52	442.77	1,877.22	1,794.83	82.39	22.786		
8,200.00	7,233.74	7,660.30	6,940.62	47.73	42.79	81.02	-122.89	342.78	1,878.11	1,792.74	85.37	21.999		
8,300.00	7,234.54	7,760.29	6,940.88	48.94	44.49	81.01	-123.27	242.79	1,879.00	1,790.39	88.62	21.204		
8,400.00	7,235.35	7,860.29	6,941.15	50.32	46.31	81.00	-123.64	142.79	1,879.89	1,787.80	92.09	20.413		
8,500.00	7,236.16	7,960.28	6,941.41	51.86	48.24	80.99	-124.02	42.80	1,880.78	1,785.01	95.78	19.637		
8,600.00	7,236.97	8,060.28	6,941.68	53.54	50.25	80.97	-124.39	-57.20	1,881.67	1,782.03	99.65	18.884		
8,700.00	7,237.77	8,160.27	6,941.95	55.33	52.34	80.96	-124.77	-157.19	1,882.56	1,778.89	103.68	18.158		
8,800.00	7,238.58	8,260.27	6,942.21	57.24	54.50	80.95	-125.14	-257.18	1,883.46	1,775.60	107.85	17.463		
8,900.00	7,239.39	8,360.26	6,942.48	59.24	56.73	80.94	-125.52	-357.18	1,884.35	1,772.19	112.16	16.800		
9,000.00	7,240.20	8,460.26	6,942.74	61.31	59.00	80.93	-125.89	-457.17	1,885.24	1,768.66	116.58	16.171		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	8,560.25	6,943.01	63.46	61.33	80.91	-126.27	-557.17	1,886.13	1,765.03	121.10	15.575		
9,200.00	7,241.81	8,660.25	6,943.28	65.67	63.70	80.90	-126.65	-657.16	1,887.02	1,761.31	125.72	15.010		
9,300.00	7,242.62	8,760.24	6,943.54	67.93	66.11	80.89	-127.02	-757.15	1,887.91	1,757.50	130.41	14.477		
9,400.00	7,243.43	8,860.24	6,943.81	70.25	68.56	80.88	-127.40	-857.15	1,888.81	1,753.63	135.18	13.973		
9,500.00	7,244.24	8,960.23	6,944.07	72.60	71.03	80.86	-127.77	-957.14	1,889.70	1,749.69	140.01	13.497		
9,600.00	7,245.04	9,060.23	6,944.34	74.99	73.54	80.85	-128.15	-1,057.14	1,890.59	1,745.69	144.90	13.047		
9,700.00	7,245.85	9,160.23	6,944.61	77.42	76.06	80.84	-128.52	-1,157.13	1,891.48	1,741.64	149.85	12.623		
9,800.00	7,246.66	9,260.22	6,944.87	79.87	78.62	80.83	-128.90	-1,257.13	1,892.37	1,737.54	154.84	12.222		
9,900.00	7,247.47	9,360.22	6,945.14	82.36	81.19	80.81	-129.27	-1,357.12	1,893.27	1,733.39	159.87	11.842		
10,000.00	7,248.28	9,460.21	6,945.40	84.87	83.78	80.80	-129.65	-1,457.11	1,894.16	1,729.21	164.95	11.483		
10,100.00	7,249.08	9,560.21	6,945.67	87.40	86.39	80.79	-130.02	-1,557.11	1,895.05	1,724.99	170.06	11.144		
10,200.00	7,249.89	9,660.20	6,945.94	89.95	89.01	80.78	-130.40	-1,657.10	1,895.94	1,720.74	175.20	10.822		
10,300.00	7,250.70	9,760.20	6,946.20	92.52	91.65	80.77	-130.77	-1,757.10	1,896.84	1,716.46	180.37	10.516		
10,400.00	7,251.51	9,860.19	6,946.47	95.11	94.29	80.75	-131.15	-1,857.09	1,897.73	1,712.15	185.57	10.226		
10,500.00	7,252.31	9,960.19	6,946.73	97.71	96.96	80.74	-131.52	-1,957.08	1,898.62	1,707.82	190.80	9.951		
10,600.00	7,253.12	10,060.18	6,947.00	100.33	99.63	80.73	-131.90	-2,057.08	1,899.51	1,703.47	196.05	9.689		
10,700.00	7,253.93	10,160.18	6,947.27	102.96	102.31	80.72	-132.27	-2,157.07	1,900.41	1,699.09	201.32	9.440		
10,800.00	7,254.74	10,260.17	6,947.53	105.61	105.00	80.71	-132.65	-2,257.07	1,901.30	1,694.70	206.60	9.203		
10,900.00	7,255.55	10,360.17	6,947.80	108.26	107.71	80.69	-133.03	-2,357.06	1,902.19	1,690.28	211.91	8.976		
11,000.00	7,256.35	10,460.16	6,948.07	110.92	110.41	80.68	-133.40	-2,457.06	1,903.09	1,685.85	217.23	8.761		
11,100.00	7,257.16	10,560.16	6,948.33	113.60	113.13	80.67	-133.78	-2,557.05	1,903.98	1,681.41	222.57	8.554		
11,200.00	7,257.97	10,660.15	6,948.60	116.28	115.85	80.66	-134.15	-2,657.04	1,904.87	1,676.95	227.92	8.357		
11,300.00	7,258.78	10,760.15	6,948.86	118.97	118.58	80.64	-134.53	-2,757.04	1,905.77	1,672.47	233.29	8.169		
11,400.00	7,259.58	10,860.14	6,949.13	121.67	121.32	80.63	-134.90	-2,857.03	1,906.66	1,667.99	238.67	7.989		
11,500.00	7,260.39	10,960.14	6,949.40	124.38	124.06	80.62	-135.28	-2,957.03	1,907.55	1,663.49	244.06	7.816		
11,600.00	7,261.20	11,060.13	6,949.66	127.09	126.80	80.61	-135.65	-3,057.02	1,908.45	1,658.99	249.46	7.650		
11,700.00	7,262.01	11,160.13	6,949.93	129.81	129.56	80.60	-136.03	-3,157.01	1,909.34	1,654.47	254.87	7.491		
11,800.00	7,262.82	11,260.12	6,950.19	132.53	132.31	80.58	-136.40	-3,257.01	1,910.23	1,649.94	260.29	7.339		
11,900.00	7,263.62	11,360.12	6,950.46	135.26	135.07	80.57	-136.78	-3,357.00	1,911.13	1,645.41	265.72	7.192		
12,000.00	7,264.43	11,460.11	6,950.73	138.00	137.83	80.56	-137.15	-3,457.00	1,912.02	1,640.86	271.16	7.051		
12,100.00	7,265.24	11,560.11	6,950.99	140.74	140.60	80.55	-137.53	-3,556.99	1,912.92	1,636.31	276.60	6.916		
12,200.00	7,266.05	11,660.11	6,951.26	143.49	143.37	80.54	-137.90	-3,656.99	1,913.81	1,631.75	282.06	6.785		
12,300.00	7,266.86	11,760.10	6,951.52	146.24	146.15	80.52	-138.28	-3,756.98	1,914.70	1,627.19	287.52	6.659		
12,400.00	7,267.66	11,860.10	6,951.79	148.99	148.93	80.51	-138.65	-3,856.97	1,915.60	1,622.62	292.98	6.538		
12,500.00	7,268.47	11,960.09	6,952.06	151.75	151.71	80.50	-139.03	-3,956.97	1,916.49	1,618.04	298.45	6.421		
12,600.00	7,269.28	12,060.09	6,952.32	154.51	154.49	80.49	-139.41	-4,056.96	1,917.39	1,613.46	303.93	6.309		
12,700.00	7,270.09	12,160.08	6,952.59	157.27	157.28	80.48	-139.78	-4,156.96	1,918.28	1,608.87	309.41	6.200		
12,800.00	7,270.89	12,260.08	6,952.85	160.04	160.07	80.46	-140.16	-4,256.95	1,919.18	1,604.27	314.90	6.095		
12,900.00	7,271.70	12,360.07	6,953.12	162.81	162.86	80.45	-140.53	-4,356.94	1,920.07	1,599.68	320.40	5.993		
13,000.00	7,272.51	12,460.07	6,953.39	165.58	165.65	80.44	-140.91	-4,456.94	1,920.97	1,595.07	325.89	5.894		
13,100.00	7,273.32	12,560.06	6,953.65	168.36	168.45	80.43	-141.28	-4,556.93	1,921.86	1,590.47	331.40	5.799		
13,200.00	7,274.13	12,660.06	6,953.92	171.14	171.24	80.42	-141.66	-4,656.93	1,922.76	1,585.85	336.90	5.707		
13,300.00	7,274.93	12,760.05	6,954.18	173.92	174.04	80.41	-142.03	-4,756.92	1,923.65	1,581.24	342.41	5.618		
13,400.00	7,275.74	12,860.05	6,954.45	176.71	176.85	80.39	-142.41	-4,856.91	1,924.55	1,576.62	347.92	5.531		
13,500.00	7,276.55	12,960.04	6,954.72	179.49	179.65	80.38	-142.78	-4,956.91	1,925.44	1,572.00	353.44	5.448		
13,555.88	7,277.00	13,015.92	6,954.86	181.05	181.22	80.37	-142.99	-5,012.79	1,925.94	1,569.42	356.53	5.402 SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	0.47	134.79	1.11	134.79					
100.00	100.00	100.00	100.00	3.28	3.28	0.47	134.79	1.11	134.79	128.22	6.57	20.518		
200.00	200.00	200.00	200.00	3.34	3.34	0.47	134.79	1.11	134.79	128.12	6.67	20.196 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	-145.87	134.79	1.11	136.23	129.35	6.89	19.786		
400.00	399.84	400.37	400.35	3.59	3.60	-146.32	134.62	2.86	140.40	133.21	7.19	19.521		
500.00	499.45	500.65	500.49	3.79	3.80	-146.09	134.11	8.10	147.12	139.53	7.59	19.385		
600.00	598.70	600.71	600.16	4.04	4.04	-145.29	133.27	16.81	156.38	148.31	8.07	19.378		
700.00	697.47	700.40	699.10	4.32	4.31	-144.04	132.10	28.92	168.23	159.61	8.62	19.507		
800.00	795.62	799.61	797.08	4.64	4.62	-142.47	130.61	44.37	182.72	173.48	9.25	19.764		
900.00	893.06	898.20	893.86	5.01	4.96	-140.72	128.81	63.05	199.91	189.98	9.93	20.134		
1,000.00	989.64	1,003.92	989.26	5.41	5.36	-138.88	126.71	84.83	219.83	209.13	10.70	20.539		
1,100.00	1,085.27	1,106.60	1,083.84	5.85	5.78	-137.55	124.51	107.64	242.44	230.91	11.52	21.039		
1,200.00	1,179.82	1,209.83	1,177.89	6.33	6.22	-136.86	122.32	130.32	267.58	255.19	12.39	21.591		
1,300.00	1,273.78	1,286.63	1,271.64	6.85	6.56	-136.83	120.14	152.93	293.97	280.79	13.18	22.305		
1,400.00	1,367.75	1,383.08	1,365.38	7.38	7.00	-136.81	117.96	175.53	320.35	306.27	14.08	22.759		
1,500.00	1,461.72	1,479.54	1,459.13	7.93	7.44	-136.79	115.78	198.14	346.73	331.74	15.00	23.121		
1,600.00	1,555.69	1,576.00	1,552.87	8.49	7.90	-136.77	113.60	220.74	373.12	357.18	15.94	23.412		
1,700.00	1,649.66	1,672.45	1,646.62	9.07	8.36	-136.75	111.42	243.35	399.50	382.61	16.89	23.647		
1,800.00	1,743.63	1,768.91	1,740.36	9.65	8.84	-136.74	109.24	265.95	425.88	408.02	17.86	23.839		
1,900.00	1,837.60	1,865.37	1,834.11	10.24	9.31	-136.73	107.06	288.56	452.27	433.42	18.85	23.996		
2,000.00	1,931.57	1,961.82	1,927.85	10.83	9.79	-136.72	104.88	311.16	478.65	458.81	19.84	24.125		
2,100.00	2,025.54	2,058.28	2,021.60	11.43	10.27	-136.71	102.70	333.77	505.04	484.19	20.84	24.232		
2,200.00	2,119.51	2,154.74	2,115.35	12.03	10.76	-136.70	100.52	356.37	531.42	509.57	21.85	24.321		
2,300.00	2,213.48	2,251.19	2,209.09	12.64	11.25	-136.69	98.34	378.98	557.80	534.94	22.87	24.395		
2,400.00	2,307.45	2,347.65	2,302.84	13.25	11.74	-136.68	96.16	401.58	584.19	560.30	23.89	24.457		
2,500.00	2,401.42	2,444.11	2,396.58	13.87	12.24	-136.68	93.98	424.19	610.57	585.66	24.91	24.509		
2,600.00	2,495.39	2,540.56	2,490.33	14.48	12.74	-136.67	91.80	446.79	636.95	611.01	25.94	24.554		
2,700.00	2,589.35	2,637.02	2,584.07	15.10	13.23	-136.67	89.62	469.40	663.34	636.36	26.98	24.591		
2,800.00	2,683.32	2,733.48	2,677.82	15.72	13.73	-136.66	87.44	492.00	689.72	661.71	28.01	24.622		
2,900.00	2,777.29	2,829.93	2,771.56	16.34	14.24	-136.66	85.26	514.61	716.11	687.05	29.05	24.649		
3,000.00	2,871.26	2,926.39	2,865.31	16.97	14.74	-136.65	83.08	537.21	742.49	712.39	30.10	24.671		
3,100.00	2,965.23	3,022.85	2,959.05	17.59	15.24	-136.65	80.90	559.82	768.87	737.73	31.14	24.690		
3,200.00	3,059.20	3,119.30	3,052.80	18.22	15.75	-136.64	78.72	582.42	795.26	763.07	32.19	24.707		
3,300.00	3,153.17	3,215.76	3,146.54	18.84	16.25	-136.64	76.54	605.03	821.64	788.40	33.24	24.720		
3,400.00	3,247.14	3,312.22	3,240.29	19.47	16.76	-136.64	74.36	627.63	848.02	813.74	34.29	24.732		
3,500.00	3,341.11	3,408.67	3,334.03	20.10	17.27	-136.63	72.17	650.24	874.41	839.07	35.34	24.741		
3,600.00	3,435.08	3,505.13	3,427.78	20.73	17.77	-136.63	69.99	672.84	900.79	864.40	36.40	24.750		
3,700.00	3,529.05	3,601.59	3,521.52	21.36	18.28	-136.63	67.81	695.45	927.18	889.72	37.45	24.756		
3,800.00	3,623.02	3,701.96	3,615.27	21.99	18.81	-136.63	65.63	718.05	953.56	915.03	38.53	24.748		
3,900.00	3,716.99	3,805.50	3,709.01	22.62	19.36	-136.62	63.45	740.66	979.94	940.32	39.63	24.730		
4,000.00	3,810.95	3,909.04	3,802.76	23.25	19.91	-136.62	61.27	763.26	1,006.33	965.60	40.72	24.712		
4,100.00	3,904.92	3,987.41	3,896.50	23.88	20.32	-136.62	59.09	785.87	1,032.71	991.02	41.69	24.773		
4,200.00	3,998.89	4,083.87	3,990.25	24.52	20.83	-136.62	56.91	808.47	1,059.10	1,016.35	42.75	24.775		
4,300.00	4,092.86	4,180.33	4,083.99	25.15	21.34	-136.61	54.73	831.08	1,085.48	1,041.67	43.81	24.776		
4,400.00	4,186.83	4,276.78	4,177.74	25.78	21.86	-136.61	52.55	853.68	1,111.86	1,066.99	44.87	24.777		
4,500.00	4,280.80	4,373.24	4,271.48	26.42	22.37	-136.61	50.37	876.29	1,138.25	1,092.31	45.94	24.778		
4,600.00	4,374.77	4,469.70	4,365.23	27.05	22.88	-136.61	48.19	898.89	1,164.63	1,117.63	47.00	24.778		
4,700.00	4,468.74	4,566.15	4,458.97	27.68	23.39	-136.61	46.01	921.50	1,191.01	1,142.95	48.07	24.778		
4,800.00	4,562.71	4,662.61	4,552.72	28.32	23.91	-136.61	43.83	944.10	1,217.40	1,168.26	49.13	24.777		
4,900.00	4,656.68	4,759.07	4,646.46	28.95	24.42	-136.60	41.65	966.71	1,243.78	1,193.58	50.20	24.777		
5,000.00	4,750.65	4,855.52	4,740.21	29.59	24.93	-136.60	39.47	989.32	1,270.17	1,218.90	51.27	24.776		
5,100.00	4,844.62	4,951.98	4,833.95	30.23	25.45	-136.60	37.29	1,011.92	1,296.55	1,244.22	52.33	24.774		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	5,048.44	4,927.70	30.86	25.96	-136.60	35.11	1,034.53	1,322.93	1,269.53	53.40	24.773		
5,300.00	5,032.56	5,144.89	5,021.44	31.50	26.47	-136.60	32.93	1,057.13	1,349.32	1,294.85	54.47	24.772		
5,400.00	5,126.52	5,241.35	5,115.19	32.13	26.99	-136.60	30.75	1,079.74	1,375.70	1,320.16	55.54	24.770		
5,500.00	5,220.49	5,337.81	5,208.93	32.77	27.50	-136.60	28.57	1,102.34	1,402.09	1,345.48	56.61	24.768		
5,600.00	5,314.46	5,434.26	5,302.68	33.41	28.02	-136.59	26.39	1,124.95	1,428.47	1,370.79	57.68	24.766		
5,700.00	5,408.43	5,532.03	5,397.91	34.04	28.53	-136.63	24.27	1,146.92	1,454.82	1,396.07	58.75	24.764		
5,800.00	5,502.40	5,630.10	5,494.13	34.68	29.02	-136.80	22.45	1,165.80	1,481.07	1,421.28	59.78	24.774		
5,900.00	5,596.37	5,727.83	5,590.60	35.32	29.48	-137.09	20.95	1,181.34	1,507.23	1,446.46	60.78	24.800		
6,000.00	5,690.34	5,825.01	5,687.00	35.96	29.91	-137.50	19.77	1,193.54	1,533.36	1,471.64	61.72	24.842		
6,100.00	5,784.31	5,921.41	5,782.98	36.59	30.32	-138.01	18.92	1,202.42	1,559.52	1,496.90	62.63	24.901		
6,200.00	5,878.28	6,016.82	5,878.22	37.23	30.70	-138.62	18.37	1,208.03	1,585.79	1,522.30	63.49	24.977		
6,300.00	5,972.25	6,111.06	5,972.42	37.87	31.06	-139.32	18.14	1,210.48	1,612.26	1,547.95	64.31	25.071		
6,400.00	6,066.22	6,204.85	6,066.22	38.51	31.40	-140.08	18.13	1,210.61	1,639.00	1,573.91	65.09	25.181		
6,500.00	6,160.19	6,301.18	6,160.19	39.14	31.74	-140.81	18.13	1,210.61	1,666.02	1,600.14	65.88	25.288		
6,600.00	6,254.16	6,407.21	6,254.16	39.78	32.12	-141.53	18.13	1,210.61	1,693.30	1,626.59	66.71	25.383		
6,700.00	6,348.13	6,486.76	6,348.13	40.42	32.41	-142.22	18.13	1,210.61	1,720.83	1,653.38	67.44	25.515		
6,800.00	6,442.09	6,582.34	6,442.70	41.06	32.76	-142.91	18.12	1,210.29	1,748.58	1,680.34	68.24	25.624		
6,869.92	6,507.80	6,651.09	6,512.16	41.51	32.99	-143.59	18.09	1,204.39	1,768.02	1,699.25	68.77	25.707		
6,900.00	6,536.18	6,679.47	6,540.17	41.69	33.10	-151.47	18.07	1,199.81	1,776.47	1,707.48	68.99	25.751		
6,950.00	6,583.76	6,725.77	6,585.34	41.98	33.27	-166.50	18.02	1,189.67	1,790.76	1,721.45	69.31	25.836		
7,000.00	6,631.58	6,771.09	6,628.72	42.23	33.44	-177.02	17.95	1,176.59	1,805.28	1,735.66	69.62	25.931		
7,050.00	6,679.34	6,815.55	6,670.27	42.44	33.63	-160.91	17.86	1,160.79	1,819.91	1,750.00	69.91	26.032		
7,100.00	6,726.76	6,859.26	6,709.94	42.62	33.82	-146.77	17.77	1,142.47	1,834.56	1,764.37	70.19	26.135		
7,150.00	6,773.53	6,902.31	6,747.70	42.78	34.02	-135.19	17.66	1,121.81	1,849.11	1,778.63	70.48	26.235		
7,200.00	6,819.38	6,944.80	6,783.51	42.91	34.24	-125.93	17.54	1,098.96	1,863.47	1,792.69	70.78	26.326		
7,250.00	6,864.01	6,986.80	6,817.34	43.03	34.48	-118.52	17.41	1,074.08	1,877.53	1,806.42	71.11	26.405		
7,300.00	6,907.16	7,028.38	6,849.14	43.14	34.73	-112.53	17.27	1,047.30	1,891.19	1,819.74	71.45	26.468		
7,350.00	6,948.56	7,069.60	6,878.87	43.24	35.00	-107.60	17.12	1,018.76	1,904.36	1,832.53	71.83	26.513		
7,400.00	6,987.94	7,110.51	6,906.49	43.35	35.29	-103.50	16.96	988.59	1,916.94	1,844.70	72.24	26.535		
7,450.00	7,025.08	7,151.15	6,931.96	43.46	35.61	-100.03	16.80	956.92	1,928.86	1,856.17	72.70	26.532		
7,500.00	7,059.73	7,191.58	6,955.23	43.57	35.94	-97.09	16.62	923.88	1,940.04	1,866.83	73.21	26.499		
7,550.00	7,091.70	7,231.81	6,976.27	43.70	36.31	-94.59	16.44	889.59	1,950.39	1,876.61	73.78	26.435		
7,600.00	7,120.77	7,271.88	6,995.02	43.84	36.69	-92.45	16.26	854.19	1,959.86	1,885.44	74.41	26.338		
7,650.00	7,146.77	7,311.82	7,011.46	44.00	37.10	-90.64	16.07	817.81	1,968.37	1,893.26	75.11	26.206		
7,700.00	7,169.54	7,351.63	7,025.55	44.18	37.53	-89.12	15.87	780.58	1,975.88	1,900.00	75.88	26.040		
7,750.00	7,188.94	7,391.34	7,037.26	44.38	37.99	-87.86	15.67	742.64	1,982.34	1,905.62	76.73	25.836		
7,800.00	7,204.85	7,430.96	7,046.56	44.61	38.46	-86.85	15.47	704.13	1,987.71	1,910.06	77.65	25.600		
7,850.00	7,217.17	7,470.50	7,053.43	44.88	38.96	-86.07	15.27	665.20	1,991.94	1,913.31	78.63	25.333		
7,900.00	7,225.83	7,509.97	7,057.87	45.17	39.46	-85.51	15.06	625.99	1,995.03	1,915.35	79.68	25.038		
7,950.00	7,230.77	7,550.00	7,059.89	45.50	39.99	-85.17	14.85	586.02	1,996.94	1,916.14	80.79	24.717		
7,985.49	7,232.00	7,581.83	7,060.05	45.75	40.42	-85.06	14.69	554.18	1,997.55	1,915.90	81.64	24.466		
8,000.00	7,232.12	7,603.66	7,060.08	45.86	40.72	-85.06	14.61	539.68	1,997.65	1,915.53	82.12	24.326		
8,100.00	7,232.93	7,703.66	7,060.31	46.71	42.20	-85.05	14.09	439.68	1,998.36	1,913.49	84.88	23.544		
8,200.00	7,233.74	7,803.67	7,060.54	47.73	43.81	-85.03	13.56	339.69	1,999.08	1,911.16	87.92	22.738		
8,300.00	7,234.54	7,903.67	7,060.77	48.94	45.55	-85.02	13.04	239.69	1,999.79	1,908.58	91.22	21.924		
8,400.00	7,235.35	8,003.67	7,061.00	50.32	47.40	-85.00	12.51	139.70	2,000.51	1,905.77	94.74	21.116		
8,500.00	7,236.16	8,103.68	7,061.23	51.86	49.34	-84.99	11.99	39.70	2,001.22	1,902.76	98.46	20.324		
8,600.00	7,236.97	8,203.68	7,061.46	53.54	51.37	-84.97	11.47	-60.29	2,001.94	1,899.57	102.37	19.556		
8,700.00	7,237.77	8,303.69	7,061.69	55.33	53.48	-84.96	10.94	-160.28	2,002.66	1,896.22	106.44	18.815		
8,800.00	7,238.58	8,403.69	7,061.93	57.24	55.65	-84.94	10.42	-260.28	2,003.37	1,892.72	110.65	18.106		
8,900.00	7,239.39	8,503.69	7,062.16	59.24	57.88	-84.93	9.89	-360.27	2,004.09	1,889.10	114.99	17.429		
9,000.00	7,240.20	8,603.70	7,062.39	61.31	60.17	-84.91	9.37	-460.27	2,004.80	1,885.36	119.44	16.785		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	8,703.70	7,062.62	63.46	62.50	84.90	8.85	-560.26	2,005.52	1,881.53	123.99	16.175		
9,200.00	7,241.81	8,803.70	7,062.85	65.67	64.88	84.89	8.32	-660.26	2,006.24	1,877.60	128.64	15.596		
9,300.00	7,242.62	8,903.71	7,063.08	67.93	67.29	84.87	7.80	-760.25	2,006.95	1,873.59	133.36	15.049		
9,400.00	7,243.43	9,003.71	7,063.31	70.25	69.74	84.86	7.27	-860.25	2,007.67	1,869.51	138.16	14.532		
9,500.00	7,244.24	9,103.72	7,063.54	72.60	72.22	84.84	6.75	-960.24	2,008.39	1,865.36	143.02	14.043		
9,600.00	7,245.04	9,203.72	7,063.77	74.99	74.72	84.83	6.23	-1,060.23	2,009.10	1,861.16	147.94	13.580		
9,700.00	7,245.85	9,303.72	7,064.00	77.42	77.25	84.81	5.70	-1,160.23	2,009.82	1,856.90	152.92	13.143		
9,800.00	7,246.66	9,403.73	7,064.23	79.87	79.80	84.80	5.18	-1,260.22	2,010.54	1,852.60	157.94	12.730		
9,900.00	7,247.47	9,503.73	7,064.46	82.36	82.37	84.78	4.65	-1,360.22	2,011.25	1,848.25	163.01	12.338		
10,000.00	7,248.28	9,603.74	7,064.69	84.87	84.96	84.77	4.13	-1,460.21	2,011.97	1,843.86	168.11	11.968		
10,100.00	7,249.08	9,703.74	7,064.92	87.40	87.57	84.75	3.61	-1,560.21	2,012.69	1,839.43	173.26	11.617		
10,200.00	7,249.89	9,803.74	7,065.15	89.95	90.19	84.74	3.08	-1,660.20	2,013.41	1,834.97	178.43	11.284		
10,300.00	7,250.70	9,903.75	7,065.38	92.52	92.83	84.72	2.56	-1,760.20	2,014.12	1,830.49	183.64	10.968		
10,400.00	7,251.51	10,003.75	7,065.61	95.11	95.48	84.71	2.03	-1,860.19	2,014.84	1,825.97	188.87	10.668		
10,500.00	7,252.31	10,103.76	7,065.84	97.71	98.14	84.69	1.51	-1,960.18	2,015.56	1,821.43	194.13	10.382		
10,600.00	7,253.12	10,203.76	7,066.07	100.33	100.81	84.68	0.99	-2,060.18	2,016.28	1,816.86	199.41	10.111		
10,700.00	7,253.93	10,303.76	7,066.31	102.96	103.49	84.67	0.46	-2,160.17	2,017.00	1,812.28	204.72	9.853		
10,800.00	7,254.74	10,403.77	7,066.54	105.61	106.18	84.65	-0.06	-2,260.17	2,017.71	1,807.67	210.04	9.606		
10,900.00	7,255.55	10,503.77	7,066.77	108.26	108.88	84.64	-0.59	-2,360.16	2,018.43	1,803.05	215.38	9.371		
11,000.00	7,256.35	10,603.77	7,067.00	110.92	111.59	84.62	-1.11	-2,460.16	2,019.15	1,798.41	220.74	9.147		
11,100.00	7,257.16	10,703.78	7,067.23	113.60	114.30	84.61	-1.63	-2,560.15	2,019.87	1,793.75	226.12	8.933		
11,200.00	7,257.97	10,803.78	7,067.46	116.28	117.02	84.59	-2.16	-2,660.15	2,020.59	1,789.08	231.51	8.728		
11,300.00	7,258.78	10,903.79	7,067.69	118.97	119.75	84.58	-2.68	-2,760.14	2,021.31	1,784.40	236.91	8.532		
11,400.00	7,259.58	11,003.79	7,067.92	121.67	122.48	84.56	-3.21	-2,860.14	2,022.03	1,779.70	242.33	8.344		
11,500.00	7,260.39	11,103.79	7,068.15	124.38	125.22	84.55	-3.73	-2,960.13	2,022.75	1,774.99	247.76	8.164		
11,600.00	7,261.20	11,203.80	7,068.38	127.09	127.97	84.53	-4.25	-3,060.12	2,023.47	1,770.27	253.20	7.992		
11,700.00	7,262.01	11,303.80	7,068.61	129.81	130.72	84.52	-4.78	-3,160.12	2,024.19	1,765.54	258.64	7.826		
11,800.00	7,262.82	11,403.81	7,068.84	132.53	133.47	84.51	-5.30	-3,260.11	2,024.91	1,760.80	264.10	7.667		
11,900.00	7,263.62	11,503.81	7,069.07	135.26	136.23	84.49	-5.83	-3,360.11	2,025.63	1,756.05	269.57	7.514		
12,000.00	7,264.43	11,603.81	7,069.30	138.00	138.99	84.48	-6.35	-3,460.10	2,026.35	1,751.30	275.05	7.367		
12,100.00	7,265.24	11,703.82	7,069.53	140.74	141.76	84.46	-6.87	-3,560.10	2,027.07	1,746.53	280.54	7.226		
12,200.00	7,266.05	11,803.82	7,069.76	143.49	144.53	84.45	-7.40	-3,660.09	2,027.79	1,741.76	286.03	7.089		
12,300.00	7,266.86	11,903.83	7,069.99	146.24	147.30	84.43	-7.92	-3,760.09	2,028.51	1,736.98	291.53	6.958		
12,400.00	7,267.66	12,003.83	7,070.22	148.99	150.08	84.42	-8.45	-3,860.08	2,029.23	1,732.19	297.03	6.832		
12,500.00	7,268.47	12,103.83	7,070.45	151.75	152.86	84.41	-8.97	-3,960.07	2,029.95	1,727.40	302.55	6.710		
12,600.00	7,269.28	12,203.84	7,070.69	154.51	155.64	84.39	-9.49	-4,060.07	2,030.67	1,722.60	308.07	6.592		
12,700.00	7,270.09	12,303.84	7,070.92	157.27	158.42	84.38	-10.02	-4,160.06	2,031.39	1,717.80	313.59	6.478		
12,800.00	7,270.89	12,403.84	7,071.15	160.04	161.21	84.36	-10.54	-4,260.06	2,032.11	1,712.99	319.12	6.368		
12,900.00	7,271.70	12,503.85	7,071.38	162.81	164.00	84.35	-11.07	-4,360.05	2,032.83	1,708.17	324.66	6.261		
13,000.00	7,272.51	12,603.85	7,071.61	165.58	166.79	84.33	-11.59	-4,460.05	2,033.55	1,703.36	330.20	6.159		
13,100.00	7,273.32	12,703.86	7,071.84	168.36	169.59	84.32	-12.11	-4,560.04	2,034.27	1,698.53	335.74	6.059		
13,200.00	7,274.13	12,803.86	7,072.07	171.14	172.38	84.30	-12.64	-4,660.04	2,034.99	1,693.71	341.29	5.963		
13,300.00	7,274.93	12,903.86	7,072.30	173.92	175.18	84.29	-13.16	-4,760.03	2,035.72	1,688.87	346.84	5.869		
13,400.00	7,275.74	13,003.87	7,072.53	176.71	177.98	84.28	-13.69	-4,860.02	2,036.44	1,684.04	352.40	5.779		
13,500.00	7,276.55	13,096.13	7,072.76	179.49	180.57	84.26	-14.21	-4,960.02	2,037.16	1,679.42	357.74	5.694		
13,555.88	7,277.00	13,152.01	7,072.89	181.05	182.14	84.25	-14.50	-5,015.90	2,037.56	1,676.71	360.85	5.647 SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	0.53	89.98	0.83	89.99					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	89.98	0.83	89.99	83.42	6.57	13.698		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	89.98	0.83	89.99	83.31	6.67	13.483 CC, ES		
300.00	299.98	301.56	301.54	3.44	3.44	-145.05	89.08	2.39	90.55	83.67	6.89	13.151		
400.00	399.84	403.09	402.92	3.59	3.60	-143.99	86.39	7.07	92.27	85.07	7.20	12.819		
500.00	499.45	504.53	503.96	3.79	3.81	-142.32	81.90	14.84	95.20	87.59	7.61	12.514		
600.00	598.70	605.85	604.50	4.04	4.06	-140.14	75.63	25.69	99.41	91.31	8.10	12.270		
700.00	697.47	707.02	704.38	4.32	4.35	-137.60	67.61	39.59	105.01	96.33	8.68	12.104		
800.00	795.62	808.00	803.44	4.64	4.68	-134.85	57.85	56.50	112.06	102.74	9.32	12.022		
900.00	893.06	908.22	901.10	5.01	5.05	-132.18	46.59	75.99	120.74	110.71	10.03	12.033		
1,000.00	989.64	1,007.57	997.78	5.41	5.45	-130.75	35.15	95.80	131.73	120.93	10.81	12.191		
1,100.00	1,085.27	1,106.68	1,094.23	5.85	5.86	-130.55	23.75	115.56	145.01	133.38	11.63	12.470		
1,200.00	1,179.82	1,205.42	1,190.32	6.33	6.29	-131.27	12.38	135.25	160.56	148.06	12.49	12.852		
1,300.00	1,273.78	1,303.95	1,286.20	6.85	6.74	-132.48	1.04	154.89	177.30	163.91	13.39	13.244		
1,400.00	1,367.75	1,402.47	1,382.08	7.38	7.19	-133.48	-10.30	174.54	194.11	179.80	14.30	13.570		
1,500.00	1,461.72	1,501.00	1,477.96	7.93	7.66	-134.32	-21.64	194.18	210.96	195.72	15.24	13.842		
1,600.00	1,555.69	1,599.53	1,573.84	8.49	8.13	-135.04	-32.99	213.82	227.86	211.66	16.19	14.071		
1,700.00	1,649.66	1,701.95	1,669.72	9.07	8.63	-135.66	-44.33	233.47	244.78	227.60	17.18	14.249		
1,800.00	1,743.63	1,803.42	1,765.60	9.65	9.12	-136.20	-55.67	253.11	261.73	243.55	18.17	14.403		
1,900.00	1,837.60	1,904.90	1,861.48	10.24	9.63	-136.67	-67.01	272.75	278.69	259.52	19.17	14.535		
2,000.00	1,931.57	2,006.37	1,957.36	10.83	10.14	-137.09	-78.35	292.40	295.68	275.49	20.19	14.648		
2,100.00	2,025.54	2,092.15	2,053.23	11.43	10.57	-137.47	-89.69	312.04	312.67	291.55	21.13	14.801		
2,200.00	2,119.51	2,209.32	2,149.11	12.03	11.16	-137.80	-101.03	331.69	329.68	307.46	22.23	14.832		
2,300.00	2,213.48	2,289.20	2,244.99	12.64	11.57	-138.10	-112.37	351.33	346.70	323.55	23.15	14.977		
2,400.00	2,307.45	2,387.73	2,340.87	13.25	12.07	-138.38	-123.72	370.97	363.73	339.56	24.17	15.050		
2,500.00	2,401.42	2,486.26	2,436.75	13.87	12.58	-138.63	-135.06	390.62	380.76	355.57	25.19	15.115		
2,600.00	2,495.39	2,584.78	2,532.63	14.48	13.08	-138.85	-146.40	410.26	397.80	371.59	26.22	15.173		
2,700.00	2,589.35	2,683.31	2,628.51	15.10	13.59	-139.06	-157.74	429.90	414.85	387.60	27.25	15.225		
2,800.00	2,683.32	2,781.83	2,724.39	15.72	14.10	-139.26	-169.08	449.55	431.90	403.62	28.28	15.272		
2,900.00	2,777.29	2,880.36	2,820.27	16.34	14.61	-139.43	-180.42	469.19	448.96	419.64	29.32	15.315		
3,000.00	2,871.26	2,978.88	2,916.15	16.97	15.12	-139.60	-191.76	488.83	466.02	435.67	30.35	15.353		
3,100.00	2,965.23	3,077.41	3,012.02	17.59	15.64	-139.75	-203.10	508.48	483.08	451.69	31.39	15.389		
3,200.00	3,059.20	3,175.93	3,107.90	18.22	16.15	-139.90	-214.45	528.12	500.15	467.71	32.43	15.421		
3,300.00	3,153.17	3,274.46	3,203.78	18.84	16.67	-140.03	-225.79	547.77	517.22	483.74	33.48	15.450		
3,400.00	3,247.14	3,372.98	3,299.66	19.47	17.18	-140.15	-237.13	567.41	534.29	499.77	34.52	15.477		
3,500.00	3,341.11	3,471.51	3,395.54	20.10	17.70	-140.27	-248.47	587.05	551.36	515.80	35.57	15.502		
3,600.00	3,435.08	3,570.04	3,491.42	20.73	18.22	-140.38	-259.81	606.70	568.44	531.83	36.61	15.525		
3,700.00	3,529.05	3,668.56	3,587.30	21.36	18.73	-140.48	-271.15	626.34	585.52	547.86	37.66	15.547		
3,800.00	3,623.02	3,767.09	3,683.18	21.99	19.25	-140.58	-282.49	645.98	602.60	563.89	38.71	15.566		
3,900.00	3,716.99	3,865.61	3,779.06	22.62	19.77	-140.68	-293.83	665.63	619.68	579.92	39.76	15.585		
4,000.00	3,810.95	3,964.14	3,874.94	23.25	20.29	-140.76	-305.18	685.27	636.76	595.95	40.81	15.602		
4,100.00	3,904.92	4,062.66	3,970.81	23.88	20.81	-140.85	-316.52	704.91	653.85	611.98	41.86	15.618		
4,200.00	3,998.89	4,161.19	4,066.69	24.52	21.33	-140.92	-327.86	724.56	670.93	628.01	42.92	15.633		
4,300.00	4,092.86	4,259.71	4,162.57	25.15	21.85	-141.00	-339.20	744.20	688.02	644.05	43.97	15.647		
4,400.00	4,186.83	4,358.24	4,258.45	25.78	22.37	-141.07	-350.54	763.85	705.11	660.08	45.03	15.660		
4,500.00	4,280.80	4,456.77	4,354.33	26.42	22.89	-141.14	-361.88	783.49	722.20	676.11	46.08	15.673		
4,600.00	4,374.77	4,555.29	4,450.21	27.05	23.41	-141.20	-373.22	803.13	739.28	692.15	47.14	15.684		
4,700.00	4,468.74	4,653.82	4,546.09	27.68	23.93	-141.26	-384.56	822.78	756.38	708.18	48.19	15.695		
4,800.00	4,562.71	4,752.34	4,641.97	28.32	24.45	-141.32	-395.91	842.42	773.47	724.22	49.25	15.706		
4,900.00	4,656.68	4,850.87	4,737.85	28.95	24.98	-141.38	-407.25	862.06	790.56	740.25	50.31	15.715		
5,000.00	4,750.65	4,949.39	4,833.73	29.59	25.50	-141.43	-418.59	881.71	807.65	756.29	51.36	15.725		
5,100.00	4,844.62	5,047.92	4,929.60	30.23	26.02	-141.49	-429.93	901.35	824.75	772.33	52.42	15.733		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	5,146.44	5,025.48	30.86	26.54	-141.54	-441.27	920.99	841.84	788.36	53.48	15.742		
5,300.00	5,032.56	5,244.97	5,121.36	31.50	27.06	-141.58	-452.61	940.64	858.94	804.40	54.54	15.749		
5,400.00	5,126.52	5,343.50	5,217.24	32.13	27.59	-141.63	-463.95	960.28	876.03	820.43	55.60	15.757		
5,500.00	5,220.49	5,442.02	5,313.12	32.77	28.11	-141.67	-475.29	979.93	893.13	836.47	56.66	15.764		
5,600.00	5,314.46	5,540.55	5,409.00	33.41	28.63	-141.72	-486.64	999.57	910.22	852.51	57.72	15.771		
5,700.00	5,408.43	5,639.07	5,504.88	34.04	29.16	-141.76	-497.98	1,019.21	927.32	868.54	58.78	15.777		
5,800.00	5,502.40	5,737.60	5,600.76	34.68	29.68	-141.80	-509.32	1,038.86	944.42	884.58	59.84	15.784		
5,900.00	5,596.37	5,836.12	5,696.64	35.32	30.20	-141.83	-520.66	1,058.50	961.52	900.62	60.90	15.789		
6,000.00	5,690.34	5,934.65	5,792.51	35.96	30.73	-141.87	-532.00	1,078.14	978.61	916.66	61.96	15.795		
6,100.00	5,784.31	6,033.17	5,888.39	36.59	31.25	-141.91	-543.34	1,097.79	995.71	932.69	63.02	15.800		
6,200.00	5,878.28	6,131.70	5,984.27	37.23	31.78	-141.94	-554.68	1,117.43	1,012.81	948.73	64.08	15.806		
6,300.00	5,972.25	6,230.22	6,080.15	37.87	32.30	-141.97	-566.02	1,137.07	1,029.91	964.77	65.14	15.810		
6,400.00	6,066.22	6,328.75	6,176.03	38.51	32.82	-142.01	-577.37	1,156.72	1,047.01	980.81	66.20	15.815		
6,500.00	6,160.19	6,427.28	6,271.91	39.14	33.35	-142.04	-588.71	1,176.36	1,064.11	996.84	67.26	15.820		
6,600.00	6,254.16	6,525.95	6,367.94	39.78	33.87	-142.07	-600.07	1,196.01	1,081.21	1,012.88	68.33	15.824		
6,700.00	6,348.13	6,626.45	6,467.04	40.42	34.34	-142.56	-611.40	1,207.41	1,098.20	1,028.93	69.27	15.854		
6,800.00	6,442.09	6,721.86	6,561.74	41.06	34.67	-143.77	-621.60	1,203.61	1,115.35	1,045.38	69.96	15.942		
6,869.92	6,507.80	6,783.65	6,622.36	41.51	34.86	-144.90	-627.79	1,193.57	1,127.88	1,057.55	70.34	16.035		
6,900.00	6,536.18	6,809.02	6,646.94	41.69	34.94	-152.72	-630.23	1,187.74	1,133.55	1,063.08	70.48	16.084		
6,950.00	6,583.76	6,850.43	6,686.49	41.98	35.08	-167.61	-634.05	1,176.14	1,143.44	1,072.75	70.69	16.175		
7,000.00	6,631.58	6,890.96	6,724.42	42.23	35.21	176.04	-637.60	1,162.31	1,153.83	1,082.95	70.89	16.272		
7,050.00	6,679.34	6,930.73	6,760.71	42.44	35.35	160.06	-640.88	1,146.41	1,164.62	1,093.55	71.07	16.387		
7,100.00	6,726.76	6,969.82	6,795.37	42.62	35.50	146.05	-643.90	1,128.60	1,175.70	1,104.45	71.25	16.502		
7,150.00	6,773.53	7,008.33	6,828.40	42.78	35.65	134.59	-646.66	1,109.00	1,186.96	1,115.54	71.42	16.619		
7,200.00	6,819.38	7,046.32	6,859.77	42.91	35.81	125.45	-649.17	1,087.73	1,198.31	1,126.70	71.61	16.735		
7,250.00	6,864.01	7,083.86	6,889.50	43.03	35.98	118.17	-651.43	1,064.92	1,209.64	1,137.83	71.81	16.845		
7,300.00	6,907.16	7,121.02	6,917.55	43.14	36.17	112.28	-653.44	1,040.65	1,220.86	1,148.82	72.04	16.948		
7,350.00	6,948.56	7,157.84	6,943.93	43.24	36.36	107.45	-655.21	1,015.02	1,231.87	1,159.58	72.29	17.040		
7,400.00	6,987.94	7,194.39	6,968.61	43.35	36.57	103.43	-656.75	988.12	1,242.59	1,170.01	72.59	17.119		
7,450.00	7,025.08	7,230.69	6,991.57	43.46	36.80	100.05	-658.04	960.04	1,252.93	1,180.00	72.93	17.180		
7,500.00	7,059.73	7,266.79	7,012.80	43.57	37.05	97.18	-659.09	930.86	1,262.82	1,189.49	73.33	17.221		
7,550.00	7,091.70	7,300.00	7,030.85	43.70	37.29	94.74	-659.86	903.00	1,272.19	1,198.41	73.78	17.244		
7,600.00	7,120.77	7,338.54	7,049.96	43.84	37.59	92.64	-660.50	869.54	1,280.95	1,206.61	74.34	17.231		
7,650.00	7,146.77	7,374.25	7,065.84	44.00	37.89	90.87	-660.85	837.56	1,289.07	1,214.11	74.96	17.196		
7,700.00	7,169.54	7,409.90	7,079.89	44.18	38.21	89.38	-660.96	804.81	1,296.48	1,220.81	75.67	17.133		
7,750.00	7,188.94	7,445.50	7,092.09	44.38	38.55	88.15	-660.84	771.37	1,303.14	1,226.68	76.47	17.042		
7,800.00	7,204.85	7,481.09	7,102.40	44.61	38.91	87.15	-660.49	737.31	1,309.01	1,231.65	77.36	16.922		
7,850.00	7,217.17	7,516.68	7,110.82	44.88	39.29	86.37	-659.91	702.74	1,314.05	1,235.72	78.33	16.776		
7,900.00	7,225.83	7,550.00	7,116.94	45.17	39.66	85.81	-659.16	670.00	1,318.23	1,238.86	79.37	16.608		
7,950.00	7,230.77	7,587.98	7,121.83	45.50	40.10	85.46	-658.06	632.36	1,321.53	1,241.01	80.52	16.413		
7,985.49	7,232.00	7,613.34	7,123.85	45.75	40.40	85.33	-657.18	607.10	1,323.33	1,241.97	81.36	16.266		
8,000.00	7,232.12	7,623.72	7,124.39	45.86	40.53	85.35	-656.79	596.73	1,323.99	1,242.29	81.71	16.204		
8,100.00	7,232.93	7,713.16	7,125.15	46.71	41.66	85.37	-653.00	507.38	1,329.38	1,245.10	84.28	15.774		
8,200.00	7,233.74	7,813.01	7,125.39	47.73	43.08	85.36	-648.69	407.63	1,334.91	1,247.75	87.16	15.315		
8,300.00	7,234.54	7,912.86	7,125.63	48.94	44.64	85.36	-644.39	307.88	1,340.44	1,250.12	90.32	14.841		
8,400.00	7,235.35	8,012.70	7,125.87	50.32	46.33	85.35	-640.08	208.12	1,345.97	1,252.26	93.71	14.363		
8,500.00	7,236.16	8,112.55	7,126.11	51.86	48.13	85.35	-635.78	108.37	1,351.50	1,254.17	97.32	13.887		
8,600.00	7,236.97	8,212.40	7,126.35	53.54	50.04	85.34	-631.47	8.62	1,357.03	1,255.90	101.13	13.419		
8,700.00	7,237.77	8,312.25	7,126.59	55.33	52.04	85.34	-627.17	-91.14	1,362.56	1,257.45	105.10	12.964		
8,800.00	7,238.58	8,412.09	7,126.82	57.24	54.12	85.33	-622.86	-190.89	1,368.09	1,258.86	109.23	12.525		
8,900.00	7,239.39	8,511.94	7,127.06	59.24	56.27	85.33	-618.56	-290.65	1,373.62	1,260.12	113.50	12.103		
9,000.00	7,240.20	8,611.79	7,127.30	61.31	58.48	85.32	-614.25	-390.40	1,379.15	1,261.26	117.88	11.699		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,100.00	7,241.01	8,732.31	7,127.59	63.46	61.23	85.32	-609.38	-510.82	1,384.51	1,261.79	122.72	11.282		
9,200.00	7,241.81	8,884.71	7,127.96	65.67	64.76	85.29	-608.81	-663.21	1,385.83	1,257.72	128.11	10.817		
9,300.00	7,242.62	8,984.70	7,128.20	67.93	67.13	85.27	-609.79	-763.20	1,386.09	1,253.27	132.81	10.436		
9,400.00	7,243.43	9,084.70	7,128.44	70.25	69.54	85.24	-610.77	-863.19	1,386.34	1,248.76	137.59	10.076		
9,500.00	7,244.24	9,184.70	7,128.68	72.60	71.98	85.22	-611.75	-963.19	1,386.60	1,244.17	142.43	9.735		
9,600.00	7,245.04	9,284.70	7,128.92	74.99	74.45	85.20	-612.74	-1,063.18	1,386.86	1,239.53	147.33	9.413		
9,700.00	7,245.85	9,384.70	7,129.16	77.42	76.95	85.18	-613.72	-1,163.17	1,387.11	1,234.83	152.28	9.109		
9,800.00	7,246.66	9,484.70	7,129.40	79.87	79.47	85.15	-614.70	-1,263.17	1,387.37	1,230.08	157.29	8.820		
9,900.00	7,247.47	9,584.69	7,129.64	82.36	82.01	85.13	-615.68	-1,363.16	1,387.63	1,225.29	162.34	8.548		
10,000.00	7,248.28	9,684.69	7,129.87	84.87	84.58	85.11	-616.66	-1,463.15	1,387.88	1,220.45	167.43	8.289		
10,100.00	7,249.08	9,784.69	7,130.11	87.40	87.16	85.08	-617.65	-1,563.14	1,388.14	1,215.58	172.56	8.045		
10,200.00	7,249.89	9,884.69	7,130.35	89.95	89.76	85.06	-618.63	-1,663.14	1,388.40	1,210.68	177.72	7.812		
10,300.00	7,250.70	9,984.69	7,130.59	92.52	92.38	85.04	-619.61	-1,763.13	1,388.66	1,205.75	182.91	7.592		
10,400.00	7,251.51	10,084.68	7,130.83	95.11	95.01	85.02	-620.59	-1,863.12	1,388.92	1,200.78	188.13	7.383		
10,500.00	7,252.31	10,184.68	7,131.07	97.71	97.65	84.99	-621.57	-1,963.12	1,389.17	1,195.80	193.38	7.184		
10,600.00	7,253.12	10,284.68	7,131.31	100.33	100.31	84.97	-622.55	-2,063.11	1,389.43	1,190.78	198.65	6.994		
10,700.00	7,253.93	10,384.68	7,131.55	102.96	102.97	84.95	-623.54	-2,163.10	1,389.69	1,185.75	203.94	6.814		
10,800.00	7,254.74	10,484.68	7,131.79	105.61	105.65	84.93	-624.52	-2,263.10	1,389.95	1,180.70	209.25	6.642		
10,900.00	7,255.55	10,584.68	7,132.03	108.26	108.33	84.90	-625.50	-2,363.09	1,390.21	1,175.62	214.59	6.479		
11,000.00	7,256.35	10,684.67	7,132.27	110.92	111.03	84.88	-626.48	-2,463.08	1,390.47	1,170.53	219.93	6.322		
11,100.00	7,257.16	10,784.67	7,132.51	113.60	113.73	84.86	-627.46	-2,563.08	1,390.73	1,165.43	225.30	6.173		
11,200.00	7,257.97	10,884.67	7,132.75	116.28	116.44	84.84	-628.45	-2,663.07	1,390.99	1,160.31	230.68	6.030		
11,300.00	7,258.78	10,984.67	7,132.99	118.97	119.15	84.81	-629.43	-2,763.06	1,391.25	1,155.18	236.07	5.893		
11,400.00	7,259.58	11,084.67	7,133.23	121.67	121.87	84.79	-630.41	-2,863.05	1,391.51	1,150.03	241.48	5.762		
11,500.00	7,260.39	11,184.66	7,133.47	124.38	124.60	84.77	-631.39	-2,963.05	1,391.77	1,144.87	246.90	5.637		
11,600.00	7,261.20	11,284.66	7,133.71	127.09	127.34	84.75	-632.37	-3,063.04	1,392.03	1,139.70	252.33	5.517		
11,700.00	7,262.01	11,384.66	7,133.95	129.81	130.08	84.72	-633.35	-3,163.03	1,392.29	1,134.52	257.77	5.401		
11,800.00	7,262.82	11,484.66	7,134.19	132.53	132.82	84.70	-634.34	-3,263.03	1,392.55	1,129.33	263.22	5.290		
11,900.00	7,263.62	11,584.66	7,134.43	135.26	135.57	84.68	-635.32	-3,363.02	1,392.81	1,124.13	268.68	5.184		
12,000.00	7,264.43	11,684.66	7,134.67	138.00	138.32	84.66	-636.30	-3,463.01	1,393.08	1,118.93	274.15	5.081		
12,100.00	7,265.24	11,784.65	7,134.91	140.74	141.08	84.63	-637.28	-3,563.01	1,393.34	1,113.71	279.62	4.983		
12,200.00	7,266.05	11,884.65	7,135.15	143.49	143.84	84.61	-638.26	-3,663.00	1,393.60	1,108.49	285.11	4.888		
12,300.00	7,266.86	11,984.65	7,135.38	146.24	146.61	84.59	-639.25	-3,762.99	1,393.86	1,103.26	290.60	4.797		
12,400.00	7,267.66	12,084.65	7,135.62	148.99	149.38	84.57	-640.23	-3,862.98	1,394.12	1,098.03	296.10	4.708		
12,500.00	7,268.47	12,184.65	7,135.86	151.75	152.15	84.54	-641.21	-3,962.98	1,394.39	1,092.79	301.60	4.623		
12,600.00	7,269.28	12,284.64	7,136.10	154.51	154.93	84.52	-642.19	-4,062.97	1,394.65	1,087.54	307.11	4.541		
12,700.00	7,270.09	12,384.64	7,136.34	157.27	157.70	84.50	-643.17	-4,162.96	1,394.91	1,082.29	312.63	4.462		
12,800.00	7,270.89	12,484.64	7,136.58	160.04	160.48	84.48	-644.16	-4,262.96	1,395.18	1,077.03	318.15	4.385		
12,900.00	7,271.70	12,584.64	7,136.82	162.81	163.27	84.45	-645.14	-4,362.95	1,395.44	1,071.77	323.67	4.311		
13,000.00	7,272.51	12,684.64	7,137.06	165.58	166.05	84.43	-646.12	-4,462.94	1,395.70	1,066.50	329.20	4.240		
13,100.00	7,273.32	12,784.64	7,137.30	168.36	168.84	84.41	-647.10	-4,562.94	1,395.97	1,061.23	334.74	4.170		
13,200.00	7,274.13	12,884.63	7,137.54	171.14	171.63	84.39	-648.08	-4,662.93	1,396.23	1,055.95	340.28	4.103		
13,300.00	7,274.93	12,984.63	7,137.78	173.92	174.43	84.36	-649.06	-4,762.92	1,396.50	1,050.67	345.82	4.038		
13,400.00	7,275.74	13,084.63	7,138.02	176.71	177.22	84.34	-650.05	-4,862.92	1,396.76	1,045.39	351.37	3.975		
13,500.00	7,276.55	13,184.63	7,138.26	179.49	180.02	84.32	-651.03	-4,962.91	1,397.02	1,040.10	356.92	3.914		
13,555.88	7,277.00	13,240.51	7,138.39	181.05	181.58	84.31	-651.58	-5,018.79	1,397.17	1,037.15	360.03	3.881 SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	0.36	44.81	0.28	44.81					
100.00	100.00	100.00	100.00	3.28	3.28	0.36	44.81	0.28	44.81	38.24	6.57	6.820		
200.00	200.00	200.00	200.00	3.34	3.34	0.36	44.81	0.28	44.81	38.13	6.67	6.714 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	-146.80	44.81	0.28	46.26	39.37	6.89	6.718		
400.00	399.84	401.18	401.16	3.59	3.60	-148.72	43.51	1.51	49.37	42.17	7.20	6.861		
500.00	499.45	502.49	502.32	3.79	3.80	-149.86	39.63	5.21	52.83	45.23	7.60	6.949		
600.00	598.70	603.92	603.35	4.04	4.04	-150.33	33.14	11.39	56.59	48.49	8.10	6.989		
700.00	697.47	705.45	704.10	4.32	4.31	-150.24	24.06	20.03	60.64	51.97	8.67	6.995		
800.00	795.62	807.07	804.43	4.64	4.62	-149.71	12.39	31.15	64.98	55.67	9.31	6.983		
900.00	893.06	908.79	904.22	5.01	4.98	-148.81	-1.86	44.72	69.60	59.61	10.00	6.961		
1,000.00	989.64	1,010.59	1,003.32	5.41	5.36	-147.62	-18.69	60.74	74.54	63.79	10.75	6.935		
1,100.00	1,085.27	1,112.46	1,101.62	5.85	5.79	-146.22	-38.07	79.20	79.79	68.25	11.55	6.909		
1,200.00	1,179.82	1,212.63	1,197.61	6.33	6.24	-145.22	-58.78	98.92	86.24	73.85	12.39	6.962		
1,300.00	1,273.78	1,312.32	1,293.13	6.85	6.71	-145.02	-79.44	118.60	94.08	80.82	13.26	7.094		
1,400.00	1,367.75	1,412.02	1,388.66	7.38	7.19	-144.85	-100.11	138.28	101.92	87.75	14.17	7.194		
1,500.00	1,461.72	1,511.71	1,484.18	7.93	7.69	-144.70	-120.77	157.95	109.77	94.67	15.10	7.269		
1,600.00	1,555.69	1,611.40	1,579.70	8.49	8.20	-144.57	-141.43	177.63	117.61	101.55	16.06	7.325		
1,700.00	1,649.66	1,711.09	1,675.22	9.07	8.72	-144.46	-162.09	197.30	125.46	108.43	17.03	7.367		
1,800.00	1,743.63	1,810.78	1,770.74	9.65	9.25	-144.36	-182.75	216.98	133.30	115.28	18.02	7.398		
1,900.00	1,837.60	1,910.47	1,866.27	10.24	9.78	-144.28	-203.41	236.65	141.15	122.13	19.02	7.421		
2,000.00	1,931.57	2,010.16	1,961.79	10.83	10.32	-144.20	-224.07	256.33	148.99	128.96	20.03	7.438		
2,100.00	2,025.54	2,109.86	2,057.31	11.43	10.87	-144.13	-244.73	276.00	156.84	135.78	21.05	7.449		
2,200.00	2,119.51	2,209.55	2,152.83	12.03	11.42	-144.06	-265.40	295.68	164.68	142.60	22.08	7.457		
2,300.00	2,213.48	2,309.24	2,248.35	12.64	11.97	-144.01	-286.06	315.35	172.53	149.41	23.12	7.462		
2,400.00	2,307.45	2,408.93	2,343.87	13.25	12.52	-143.95	-306.72	335.03	180.38	156.21	24.16	7.465		
2,500.00	2,401.42	2,508.62	2,439.40	13.87	13.08	-143.91	-327.38	354.70	188.22	163.01	25.21	7.465		
2,600.00	2,495.39	2,608.31	2,534.92	14.48	13.64	-143.86	-348.04	374.38	196.07	169.80	26.27	7.465		
2,700.00	2,589.35	2,708.01	2,630.44	15.10	14.20	-143.82	-368.70	394.06	203.92	176.59	27.32	7.463		
2,800.00	2,683.32	2,807.70	2,725.96	15.72	14.76	-143.78	-389.36	413.73	211.76	183.38	28.38	7.460		
2,900.00	2,777.29	2,907.39	2,821.48	16.34	15.33	-143.75	-410.02	433.41	219.61	190.16	29.45	7.457		
3,000.00	2,871.26	3,007.08	2,917.00	16.97	15.89	-143.71	-430.68	453.08	227.46	196.94	30.52	7.453		
3,100.00	2,965.23	3,106.77	3,012.53	17.59	16.46	-143.68	-451.35	472.76	235.30	203.72	31.59	7.449		
3,200.00	3,059.20	3,206.46	3,108.05	18.22	17.03	-143.65	-472.01	492.43	243.15	210.49	32.66	7.445		
3,300.00	3,153.17	3,306.16	3,203.57	18.84	17.60	-143.63	-492.67	512.11	251.00	217.26	33.73	7.440		
3,400.00	3,247.14	3,405.85	3,299.09	19.47	18.17	-143.60	-513.33	531.78	258.85	224.03	34.81	7.436		
3,500.00	3,341.11	3,505.54	3,394.61	20.10	18.74	-143.58	-533.99	551.46	266.69	230.80	35.89	7.431		
3,600.00	3,435.08	3,605.23	3,490.13	20.73	19.31	-143.56	-554.65	571.13	274.54	237.57	36.97	7.426		
3,700.00	3,529.05	3,704.92	3,585.66	21.36	19.89	-143.53	-575.31	590.81	282.39	244.34	38.05	7.421		
3,800.00	3,623.02	3,804.61	3,681.18	21.99	20.46	-143.51	-595.97	610.48	290.24	251.10	39.13	7.416		
3,900.00	3,716.99	3,904.30	3,776.70	22.62	21.03	-143.50	-616.63	630.16	298.08	257.86	40.22	7.411		
4,000.00	3,810.95	4,004.00	3,872.22	23.25	21.61	-143.48	-637.30	649.83	305.93	264.63	41.30	7.407		
4,100.00	3,904.92	4,103.69	3,967.74	23.88	22.18	-143.46	-657.96	669.51	313.78	271.39	42.39	7.402		
4,200.00	3,998.89	4,203.38	4,063.27	24.52	22.76	-143.44	-678.62	689.19	321.63	278.15	43.48	7.397		
4,300.00	4,092.86	4,303.07	4,158.79	25.15	23.33	-143.43	-699.28	708.86	329.47	284.91	44.57	7.393		
4,400.00	4,186.83	4,402.76	4,254.31	25.78	23.91	-143.41	-719.94	728.54	337.32	291.66	45.66	7.388		
4,500.00	4,280.80	4,502.45	4,349.83	26.42	24.49	-143.40	-740.60	748.21	345.17	298.42	46.75	7.384		
4,600.00	4,374.77	4,602.15	4,445.35	27.05	25.06	-143.39	-761.26	767.89	353.02	305.18	47.84	7.379		
4,700.00	4,468.74	4,701.84	4,540.87	27.68	25.64	-143.37	-781.92	787.56	360.86	311.93	48.93	7.375		
4,800.00	4,562.71	4,801.53	4,636.40	28.32	26.22	-143.36	-802.59	807.24	368.71	318.69	50.02	7.371		
4,900.00	4,656.68	4,901.22	4,731.92	28.95	26.80	-143.35	-823.25	826.91	376.56	325.44	51.11	7.367		
5,000.00	4,750.65	5,000.91	4,827.44	29.59	27.38	-143.34	-843.91	846.59	384.41	332.20	52.21	7.363		
5,100.00	4,844.62	5,100.60	4,922.96	30.23	27.95	-143.33	-864.57	866.26	392.25	338.95	53.30	7.359		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	5,200.29	5,018.48	30.86	28.53	-143.32	-885.23	885.94	400.10	345.71	54.40	7.355		
5,300.00	5,032.56	5,300.01	5,114.00	31.50	29.11	-143.31	-905.89	905.61	407.95	352.46	55.49	7.352		
5,400.00	5,126.52	5,400.32	5,209.53	32.13	29.69	-143.30	-926.55	925.29	415.80	359.21	56.59	7.348		
5,500.00	5,220.49	5,500.63	5,305.05	32.77	30.28	-143.29	-947.21	944.97	423.65	365.96	57.69	7.344		
5,600.00	5,314.46	5,600.94	5,400.57	33.41	30.86	-143.28	-967.87	964.64	431.49	372.70	58.79	7.340		
5,700.00	5,408.43	5,701.25	5,496.09	34.04	31.44	-143.27	-988.54	984.32	439.34	379.45	59.89	7.336		
5,800.00	5,502.40	5,801.56	5,591.61	34.68	32.03	-143.26	-1,009.20	1,003.99	447.19	386.20	60.99	7.332		
5,900.00	5,596.37	5,901.86	5,687.14	35.32	32.61	-143.25	-1,029.86	1,023.67	455.04	392.95	62.09	7.329		
6,000.00	5,690.34	6,002.17	5,782.66	35.96	33.20	-143.25	-1,050.52	1,043.34	462.88	399.69	63.19	7.325		
6,100.00	5,784.31	6,097.52	5,878.18	36.59	33.75	-143.24	-1,071.18	1,063.02	470.73	406.47	64.27	7.325		
6,200.00	5,878.28	6,197.21	5,973.70	37.23	34.33	-143.23	-1,091.84	1,082.69	478.58	413.22	65.36	7.322		
6,300.00	5,972.25	6,296.90	6,069.22	37.87	34.91	-143.22	-1,112.50	1,102.37	486.43	419.97	66.46	7.319		
6,400.00	6,066.22	6,403.41	6,164.74	38.51	35.53	-143.22	-1,133.16	1,122.04	494.28	426.68	67.60	7.312		
6,500.00	6,160.19	6,496.29	6,260.27	39.14	36.07	-143.21	-1,153.83	1,141.72	502.12	433.46	68.66	7.313		
6,600.00	6,254.16	6,604.02	6,355.79	39.78	36.70	-143.20	-1,174.49	1,161.39	509.97	440.17	69.80	7.306		
6,700.00	6,348.13	6,695.67	6,451.31	40.42	37.23	-143.20	-1,195.15	1,181.07	517.82	446.96	70.86	7.308		
6,800.00	6,442.09	6,798.27	6,550.15	41.06	37.81	-143.55	-1,216.52	1,198.07	525.49	453.60	71.89	7.310		
6,869.92	6,507.80	6,869.69	6,619.87	41.51	38.13	-144.76	-1,231.57	1,200.98	530.52	458.15	72.36	7.331		
6,900.00	6,536.18	6,899.68	6,649.16	41.69	38.25	-152.41	-1,237.88	1,199.82	532.73	460.21	72.52	7.346		
6,950.00	6,583.76	6,948.87	6,696.99	41.98	38.41	-167.04	-1,248.19	1,194.85	536.64	463.89	72.75	7.376		
7,000.00	6,631.58	6,997.30	6,743.58	42.23	38.56	-176.89	-1,258.22	1,186.30	540.81	467.84	72.97	7.412		
7,050.00	6,679.34	7,045.00	6,788.72	42.44	38.69	161.20	-1,267.93	1,174.35	545.21	472.03	73.17	7.451		
7,100.00	6,726.76	7,092.03	6,832.24	42.62	38.82	147.48	-1,277.28	1,159.22	549.79	476.41	73.38	7.493		
7,150.00	6,773.53	7,138.43	6,874.00	42.78	38.94	136.32	-1,286.24	1,141.11	554.51	480.92	73.59	7.535		
7,200.00	6,819.38	7,184.25	6,913.87	42.91	39.06	127.47	-1,294.78	1,120.23	559.32	485.51	73.81	7.578		
7,250.00	6,864.01	7,229.54	6,951.72	43.03	39.19	120.47	-1,302.89	1,096.76	564.17	490.13	74.04	7.620		
7,300.00	6,907.16	7,274.33	6,987.47	43.14	39.33	114.86	-1,310.53	1,070.89	569.02	494.73	74.29	7.659		
7,350.00	6,948.56	7,318.66	7,021.03	43.24	39.47	110.31	-1,317.70	1,042.82	573.82	499.26	74.56	7.696		
7,400.00	6,987.94	7,362.59	7,052.31	43.35	39.62	106.55	-1,324.37	1,012.73	578.52	503.65	74.87	7.727		
7,450.00	7,025.08	7,406.15	7,081.25	43.46	39.79	103.41	-1,330.53	980.78	583.08	507.86	75.21	7.752		
7,500.00	7,059.73	7,449.36	7,107.79	43.57	39.98	100.76	-1,336.16	947.15	587.45	511.84	75.61	7.769		
7,550.00	7,091.70	7,492.28	7,131.88	43.70	40.18	98.52	-1,341.27	912.01	591.59	515.51	76.08	7.776		
7,600.00	7,120.77	7,534.93	7,153.48	43.84	40.41	96.63	-1,345.83	875.52	595.46	518.84	76.62	7.772		
7,650.00	7,146.77	7,577.35	7,172.54	44.00	40.65	95.03	-1,349.84	837.85	599.04	521.79	77.25	7.755		
7,700.00	7,169.54	7,619.57	7,189.03	44.18	40.92	93.69	-1,353.30	799.15	602.28	524.31	77.97	7.725		
7,750.00	7,188.94	7,661.61	7,202.94	44.38	41.22	92.59	-1,356.19	759.59	605.16	526.37	78.79	7.681		
7,800.00	7,204.85	7,703.52	7,214.22	44.61	41.54	91.70	-1,358.52	719.31	607.66	527.94	79.71	7.623		
7,850.00	7,217.17	7,745.30	7,222.87	44.88	41.89	91.01	-1,360.28	678.47	609.75	529.00	80.74	7.552		
7,900.00	7,225.83	7,787.00	7,228.88	45.17	42.26	90.52	-1,361.47	637.23	611.41	529.54	81.87	7.468		
7,950.00	7,230.77	7,828.65	7,232.23	45.50	42.66	90.21	-1,362.08	595.73	612.65	529.56	83.08	7.374		
7,985.49	7,232.00	7,859.30	7,233.00	45.75	42.96	90.10	-1,362.17	566.31	613.25	529.25	84.00	7.300		
8,000.00	7,232.12	7,872.59	7,233.03	45.86	43.10	90.09	-1,362.14	551.80	613.45	529.11	84.34	7.273		
8,100.00	7,232.93	7,972.58	7,233.28	46.71	44.23	90.04	-1,361.92	451.82	614.86	527.88	86.98	7.069		
8,200.00	7,233.74	8,072.57	7,233.53	47.73	45.53	89.99	-1,361.71	351.83	616.26	526.37	89.89	6.856		
8,300.00	7,234.54	8,172.55	7,233.78	48.94	46.99	89.94	-1,361.50	251.84	617.66	524.61	93.05	6.638		
8,400.00	7,235.35	8,272.54	7,234.03	50.32	48.59	89.88	-1,361.29	151.85	619.07	522.61	96.46	6.418		
8,500.00	7,236.16	8,372.53	7,234.28	51.86	50.32	89.83	-1,361.08	51.86	620.47	520.41	100.07	6.201		
8,600.00	7,236.97	8,472.52	7,234.53	53.54	52.16	89.78	-1,360.87	-48.12	621.88	518.01	103.87	5.987		
8,700.00	7,237.77	8,572.51	7,234.77	55.33	54.10	89.73	-1,360.65	-148.11	623.28	515.45	107.84	5.780		
8,800.00	7,238.58	8,672.50	7,235.02	57.24	56.13	89.68	-1,360.44	-248.10	624.69	512.73	111.96	5.580		
8,900.00	7,239.39	8,772.49	7,235.27	59.24	58.23	89.63	-1,360.23	-348.09	626.10	509.89	116.21	5.388		
9,000.00	7,240.20	8,872.47	7,235.52	61.31	60.40	89.58	-1,360.02	-448.08	627.50	506.92	120.58	5.204		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	8,972.46	7,235.77	63.46	62.63	89.53	-1,359.81	-548.06	628.91	503.85	125.06	5.029		
9,200.00	7,241.81	9,072.45	7,236.02	65.67	64.91	89.48	-1,359.59	-648.05	630.32	500.68	129.64	4.862		
9,300.00	7,242.62	9,172.44	7,236.27	67.93	67.24	89.43	-1,359.38	-748.04	631.73	497.42	134.30	4.704		
9,400.00	7,243.43	9,272.43	7,236.52	70.25	69.61	89.38	-1,359.17	-848.03	633.14	494.09	139.04	4.553		
9,500.00	7,244.24	9,372.42	7,236.76	72.60	72.02	89.33	-1,358.96	-948.02	634.55	490.69	143.86	4.411		
9,600.00	7,245.04	9,472.41	7,237.01	74.99	74.46	89.28	-1,358.75	-1,048.01	635.96	487.23	148.73	4.276		
9,700.00	7,245.85	9,572.40	7,237.26	77.42	76.93	89.23	-1,358.54	-1,147.99	637.37	483.70	153.66	4.148		
9,800.00	7,246.66	9,672.38	7,237.51	79.87	79.43	89.19	-1,358.32	-1,247.98	638.78	480.13	158.65	4.026		
9,900.00	7,247.47	9,772.37	7,237.76	82.36	81.95	89.14	-1,358.11	-1,347.97	640.19	476.51	163.68	3.911		
10,000.00	7,248.28	9,872.36	7,238.01	84.87	84.50	89.09	-1,357.90	-1,447.96	641.60	472.85	168.75	3.802		
10,100.00	7,249.08	9,972.35	7,238.26	87.40	87.06	89.04	-1,357.69	-1,547.95	643.01	469.15	173.86	3.698		
10,200.00	7,249.89	10,072.34	7,238.50	89.95	89.64	88.99	-1,357.48	-1,647.93	644.43	465.41	179.01	3.600		
10,300.00	7,250.70	10,172.33	7,238.75	92.52	92.25	88.95	-1,357.27	-1,747.92	645.84	461.65	184.19	3.506		
10,400.00	7,251.51	10,272.32	7,239.00	95.11	94.86	88.90	-1,357.05	-1,847.91	647.25	457.85	189.40	3.417		
10,500.00	7,252.31	10,372.30	7,239.25	97.71	97.49	88.85	-1,356.84	-1,947.90	648.67	454.02	194.64	3.333		
10,600.00	7,253.12	10,472.29	7,239.50	100.33	100.13	88.81	-1,356.63	-2,047.89	650.08	450.18	199.91	3.252		
10,700.00	7,253.93	10,572.28	7,239.75	102.96	102.79	88.76	-1,356.42	-2,147.87	651.50	446.30	205.19	3.175		
10,800.00	7,254.74	10,672.27	7,240.00	105.61	105.45	88.71	-1,356.21	-2,247.86	652.91	442.41	210.50	3.102		
10,900.00	7,255.55	10,772.26	7,240.25	108.26	108.13	88.67	-1,356.00	-2,347.85	654.33	438.50	215.83	3.032		
11,000.00	7,256.35	10,872.25	7,240.49	110.92	110.81	88.62	-1,355.78	-2,447.84	655.74	434.56	221.18	2.965		
11,100.00	7,257.16	10,972.24	7,240.74	113.60	113.51	88.57	-1,355.57	-2,547.83	657.16	430.62	226.54	2.901		
11,200.00	7,257.97	11,072.22	7,240.99	116.28	116.21	88.53	-1,355.36	-2,647.81	658.58	426.65	231.92	2.840		
11,300.00	7,258.78	11,172.21	7,241.24	118.97	118.92	88.48	-1,355.15	-2,747.80	659.99	422.68	237.32	2.781		
11,400.00	7,259.58	11,272.20	7,241.49	121.67	121.63	88.44	-1,354.94	-2,847.79	661.41	418.68	242.73	2.725		
11,500.00	7,260.39	11,372.19	7,241.74	124.38	124.36	88.39	-1,354.73	-2,947.78	662.83	414.68	248.15	2.671		
11,600.00	7,261.20	11,472.18	7,241.99	127.09	127.08	88.35	-1,354.51	-3,047.77	664.25	410.66	253.58	2.619		
11,700.00	7,262.01	11,572.17	7,242.23	129.81	129.82	88.30	-1,354.30	-3,147.75	665.67	406.64	259.03	2.570		
11,800.00	7,262.82	11,672.16	7,242.48	132.53	132.56	88.26	-1,354.09	-3,247.74	667.09	402.60	264.49	2.522		
11,900.00	7,263.62	11,772.14	7,242.73	135.26	135.30	88.22	-1,353.88	-3,347.73	668.51	398.56	269.95	2.476		
12,000.00	7,264.43	11,872.13	7,242.98	138.00	138.05	88.17	-1,353.67	-3,447.72	669.93	394.50	275.43	2.432		
12,100.00	7,265.24	11,972.12	7,243.23	140.74	140.81	88.13	-1,353.45	-3,547.71	671.35	390.44	280.91	2.390		
12,200.00	7,266.05	12,072.11	7,243.48	143.49	143.57	88.08	-1,353.24	-3,647.69	672.77	386.37	286.40	2.349		
12,300.00	7,266.86	12,172.10	7,243.73	146.24	146.33	88.04	-1,353.03	-3,747.68	674.19	382.29	291.90	2.310		
12,400.00	7,267.66	12,272.09	7,243.98	148.99	149.09	88.00	-1,352.82	-3,847.67	675.61	378.20	297.41	2.272		
12,500.00	7,268.47	12,372.08	7,244.22	151.75	151.86	87.95	-1,352.61	-3,947.66	677.03	374.11	302.92	2.235		
12,600.00	7,269.28	12,472.06	7,244.47	154.51	154.64	87.91	-1,352.40	-4,047.65	678.46	370.01	308.44	2.200		
12,700.00	7,270.09	12,572.05	7,244.72	157.27	157.41	87.87	-1,352.18	-4,147.64	679.88	365.91	313.97	2.165		
12,800.00	7,270.89	12,672.04	7,244.97	160.04	160.19	87.83	-1,351.97	-4,247.62	681.30	361.80	319.50	2.132		
12,900.00	7,271.70	12,772.03	7,245.22	162.81	162.97	87.78	-1,351.76	-4,347.61	682.73	357.69	325.04	2.100		
13,000.00	7,272.51	12,872.02	7,245.47	165.58	165.76	87.74	-1,351.55	-4,447.60	684.15	353.57	330.58	2.070		
13,100.00	7,273.32	12,972.01	7,245.72	168.36	168.55	87.70	-1,351.34	-4,547.59	685.57	349.45	336.13	2.040		
13,200.00	7,274.13	13,072.00	7,245.96	171.14	171.34	87.66	-1,351.13	-4,647.58	687.00	345.32	341.68	2.011		
13,300.00	7,274.93	13,171.98	7,246.21	173.92	174.13	87.62	-1,350.91	-4,747.56	688.42	341.19	347.24	1.983		
13,400.00	7,275.74	13,271.97	7,246.46	176.71	176.92	87.57	-1,350.70	-4,847.55	689.85	337.05	352.80	1.955		
13,500.00	7,276.55	13,371.96	7,246.71	179.49	179.72	87.53	-1,350.49	-4,947.54	691.28	332.91	358.36	1.929		
13,555.88	7,277.00	13,427.84	7,246.85	181.05	181.28	87.51	-1,350.37	-5,003.42	692.07	330.60	361.47	1.915 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 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	0.53	29.87	0.28	29.87					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	29.87	0.28	29.87	23.31	6.57	4.548		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	29.87	0.28	29.87	23.20	6.67	4.476 CC		
300.00	299.98	300.76	300.74	3.44	3.44	-145.00	28.57	1.48	30.03	23.14	6.89	4.361 ES		
400.00	399.84	401.52	401.36	3.59	3.60	-143.78	24.67	5.09	30.51	23.31	7.20	4.236		
500.00	499.45	502.27	501.71	3.79	3.80	-141.83	18.17	11.09	31.34	23.72	7.62	4.114		
600.00	598.70	603.00	601.68	4.04	4.05	-139.28	9.09	19.49	32.56	24.44	8.12	4.012		
700.00	697.47	703.72	701.13	4.32	4.33	-136.28	-2.56	30.26	34.21	25.52	8.69	3.937		
800.00	795.62	804.40	799.93	4.64	4.66	-133.00	-16.77	43.40	36.33	27.00	9.33	3.893		
900.00	893.06	905.06	897.96	5.01	5.03	-129.60	-33.52	58.88	38.96	28.92	10.04	3.880		
1,000.00	989.64	1,005.68	995.10	5.41	5.44	-126.22	-52.77	76.68	42.13	31.31	10.82	3.892		
1,100.00	1,085.27	1,105.85	1,091.02	5.85	5.88	-123.72	-73.96	96.26	46.15	34.47	11.67	3.953		
1,200.00	1,179.82	1,205.67	1,186.54	6.33	6.35	-124.61	-95.25	115.94	52.02	39.45	12.57	4.138		
1,300.00	1,273.78	1,305.40	1,281.97	6.85	6.84	-126.77	-116.53	135.61	58.94	45.44	13.50	4.365		
1,400.00	1,367.75	1,405.14	1,377.41	7.38	7.34	-128.48	-137.81	155.28	65.93	51.47	14.45	4.561		
1,500.00	1,461.72	1,504.88	1,472.84	7.93	7.85	-129.86	-159.09	174.95	72.96	57.53	15.43	4.729		
1,600.00	1,555.69	1,604.62	1,568.28	8.49	8.38	-131.00	-180.37	194.62	80.02	63.61	16.42	4.875		
1,700.00	1,649.66	1,704.36	1,663.72	9.07	8.91	-131.96	-201.65	214.29	87.12	69.70	17.42	5.001		
1,800.00	1,743.63	1,804.10	1,759.15	9.65	9.45	-132.77	-222.93	233.96	94.23	75.80	18.44	5.111		
1,900.00	1,837.60	1,903.83	1,854.59	10.24	9.99	-133.46	-244.21	253.63	101.36	81.90	19.46	5.208		
2,000.00	1,931.57	2,003.57	1,950.03	10.83	10.54	-134.07	-265.49	273.30	108.50	88.01	20.49	5.294		
2,100.00	2,025.54	2,103.31	2,045.46	11.43	11.09	-134.60	-286.76	292.97	115.66	94.12	21.54	5.370		
2,200.00	2,119.51	2,203.05	2,140.90	12.03	11.65	-135.06	-308.04	312.64	122.82	100.23	22.58	5.438		
2,300.00	2,213.48	2,302.79	2,236.33	12.64	12.21	-135.48	-329.32	332.31	129.99	106.35	23.64	5.499		
2,400.00	2,307.45	2,402.53	2,331.77	13.25	12.77	-135.85	-350.60	351.98	137.16	112.47	24.69	5.554		
2,500.00	2,401.42	2,502.27	2,427.21	13.87	13.33	-136.19	-371.88	371.65	144.34	118.58	25.76	5.604		
2,600.00	2,495.39	2,602.00	2,522.64	14.48	13.90	-136.49	-393.16	391.32	151.52	124.70	26.82	5.649		
2,700.00	2,589.35	2,701.74	2,618.08	15.10	14.47	-136.77	-414.44	410.99	158.71	130.82	27.89	5.690		
2,800.00	2,683.32	2,801.48	2,713.51	15.72	15.04	-137.02	-435.72	430.66	165.90	136.94	28.96	5.728		
2,900.00	2,777.29	2,901.22	2,808.95	16.34	15.61	-137.25	-457.00	450.33	173.10	143.06	30.04	5.762		
3,000.00	2,871.26	3,000.96	2,904.39	16.97	16.18	-137.47	-478.27	470.00	180.30	149.18	31.12	5.794		
3,100.00	2,965.23	3,100.70	2,999.82	17.59	16.75	-137.66	-499.55	489.67	187.50	155.30	32.20	5.824		
3,200.00	3,059.20	3,200.44	3,095.26	18.22	17.33	-137.84	-520.83	509.34	194.70	161.42	33.28	5.851		
3,300.00	3,153.17	3,300.17	3,190.70	18.84	17.90	-138.01	-542.11	529.01	201.90	167.54	34.36	5.876		
3,400.00	3,247.14	3,400.09	3,286.13	19.47	18.48	-138.17	-563.39	548.68	209.11	173.66	35.45	5.899		
3,500.00	3,341.11	3,500.35	3,381.57	20.10	19.06	-138.32	-584.67	568.35	216.31	179.78	36.54	5.921		
3,600.00	3,435.08	3,600.61	3,477.00	20.73	19.64	-138.45	-605.95	588.02	223.52	185.89	37.63	5.941		
3,700.00	3,529.05	3,700.87	3,572.44	21.36	20.22	-138.58	-627.23	607.69	230.73	192.01	38.72	5.959		
3,800.00	3,623.02	3,801.13	3,667.88	21.99	20.81	-138.70	-648.51	627.36	237.94	198.13	39.81	5.977		
3,900.00	3,716.99	3,901.39	3,763.31	22.62	21.39	-138.82	-669.78	647.03	245.15	204.24	40.90	5.993		
4,000.00	3,810.95	4,001.66	3,858.75	23.25	21.97	-138.93	-691.06	666.70	252.36	210.36	42.00	6.009		
4,100.00	3,904.92	4,101.92	3,954.19	23.88	22.55	-139.03	-712.34	686.37	259.57	216.48	43.09	6.023		
4,200.00	3,998.89	4,197.82	4,049.62	24.52	23.11	-139.12	-733.62	706.04	266.79	222.62	44.17	6.040		
4,300.00	4,092.86	4,302.44	4,145.06	25.15	23.72	-139.21	-754.90	725.71	274.00	228.71	45.29	6.050		
4,400.00	4,186.83	4,397.30	4,240.49	25.78	24.28	-139.30	-776.18	745.38	281.22	234.86	46.36	6.066		
4,500.00	4,280.80	4,497.04	4,335.93	26.42	24.86	-139.38	-797.46	765.05	288.43	240.98	47.45	6.078		
4,600.00	4,374.77	4,596.77	4,431.37	27.05	25.44	-139.46	-818.74	784.72	295.65	247.10	48.55	6.090		
4,700.00	4,468.74	4,703.49	4,526.80	27.68	26.06	-139.53	-840.01	804.39	302.86	253.18	49.68	6.096		
4,800.00	4,562.71	4,796.25	4,622.24	28.32	26.61	-139.61	-861.29	824.06	310.08	259.34	50.74	6.111		
4,900.00	4,656.68	4,895.99	4,717.68	28.95	27.19	-139.67	-882.57	843.73	317.30	265.46	51.84	6.120		
5,000.00	4,750.65	4,995.73	4,813.11	29.59	27.77	-139.74	-903.85	863.40	324.52	271.58	52.94	6.130		
5,100.00	4,844.62	5,095.47	4,908.55	30.23	28.35	-139.80	-925.13	883.07	331.74	277.69	54.04	6.139		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	5,195.21	5,003.98	30.86	28.94	-139.86	-946.41	902.74	338.95	283.81	55.14	6.147		
5,300.00	5,032.56	5,305.06	5,099.42	31.50	29.58	-139.92	-967.69	922.41	346.17	289.88	56.29	6.149		
5,400.00	5,126.52	5,405.32	5,194.86	32.13	30.17	-139.97	-988.97	942.08	353.39	295.99	57.40	6.157		
5,500.00	5,220.49	5,505.58	5,290.29	32.77	30.76	-140.02	-1,010.25	961.75	360.61	302.11	58.50	6.164		
5,600.00	5,314.46	5,594.16	5,385.73	33.41	31.27	-140.07	-1,031.52	981.42	367.83	308.29	59.54	6.178		
5,700.00	5,408.43	5,693.90	5,481.17	34.04	31.86	-140.12	-1,052.80	1,001.09	375.05	314.41	60.64	6.185		
5,800.00	5,502.40	5,806.36	5,576.60	34.68	32.52	-140.17	-1,074.08	1,020.76	382.27	320.46	61.81	6.184		
5,900.00	5,596.37	5,906.62	5,672.04	35.32	33.11	-140.21	-1,095.36	1,040.43	389.49	326.57	62.92	6.190		
6,000.00	5,690.34	6,006.89	5,767.47	35.96	33.69	-140.25	-1,116.64	1,060.10	396.71	332.69	64.02	6.196		
6,100.00	5,784.31	6,107.15	5,862.91	36.59	34.28	-140.30	-1,137.92	1,079.77	403.93	338.81	65.13	6.202		
6,200.00	5,878.28	6,192.59	5,958.35	37.23	34.78	-140.34	-1,159.20	1,099.44	411.16	345.00	66.15	6.215		
6,300.00	5,972.25	6,292.33	6,053.78	37.87	35.37	-140.37	-1,180.48	1,119.11	418.38	351.12	67.26	6.221		
6,400.00	6,066.22	6,392.07	6,149.22	38.51	35.96	-140.41	-1,201.76	1,138.78	425.60	357.24	68.36	6.226		
6,500.00	6,160.19	6,508.19	6,244.66	39.14	36.64	-140.45	-1,223.03	1,158.45	432.82	363.27	69.55	6.223		
6,600.00	6,254.16	6,591.55	6,340.09	39.78	37.13	-140.48	-1,244.31	1,178.12	440.04	369.48	70.57	6.236		
6,700.00	6,348.13	6,696.10	6,440.59	40.42	37.72	-140.88	-1,266.75	1,195.95	446.97	375.35	71.61	6.241		
6,800.00	6,442.09	6,801.39	6,543.18	41.06	38.18	-143.24	-1,289.80	1,198.21	452.56	380.38	72.18	6.270		
6,869.92	6,507.80	6,870.32	6,609.94	41.51	38.41	-145.90	-1,304.89	1,190.28	456.53	384.21	72.32	6.313		
6,900.00	6,536.18	6,898.69	6,637.09	41.69	38.50	-154.12	-1,311.05	1,184.88	458.55	386.21	72.35	6.338		
6,950.00	6,583.76	6,944.90	6,680.73	41.98	38.62	-169.66	-1,320.97	1,173.43	462.48	390.08	72.40	6.388		
7,000.00	6,631.58	6,990.01	6,722.45	42.23	38.74	-173.39	-1,330.49	1,159.16	467.04	394.60	72.43	6.448		
7,050.00	6,679.34	7,034.14	6,762.19	42.44	38.86	-156.87	-1,339.59	1,142.29	472.15	399.69	72.46	6.516		
7,100.00	6,726.76	7,077.39	6,799.94	42.62	38.97	-142.38	-1,348.26	1,123.07	477.73	405.26	72.47	6.592		
7,150.00	6,773.53	7,119.83	6,835.65	42.78	39.08	-130.47	-1,356.50	1,101.69	483.67	411.22	72.45	6.676		
7,200.00	6,819.38	7,161.54	6,869.32	42.91	39.20	-120.94	-1,364.29	1,078.35	489.87	417.46	72.41	6.765		
7,250.00	6,864.01	7,202.61	6,900.94	43.03	39.32	-113.31	-1,371.64	1,053.20	496.25	423.90	72.34	6.860		
7,300.00	6,907.16	7,243.09	6,930.48	43.14	39.45	-107.12	-1,378.54	1,026.42	502.69	430.42	72.27	6.956		
7,350.00	6,948.56	7,283.04	6,957.96	43.24	39.59	-102.03	-1,384.99	998.14	509.11	436.92	72.19	7.053		
7,400.00	6,987.94	7,322.53	6,983.35	43.35	39.74	-97.79	-1,390.98	968.51	515.42	443.30	72.12	7.146		
7,450.00	7,025.08	7,361.60	7,006.67	43.46	39.91	-94.23	-1,396.52	937.66	521.54	449.45	72.09	7.235		
7,500.00	7,059.73	7,400.00	7,027.74	43.57	40.08	-91.21	-1,401.56	905.96	527.39	455.28	72.11	7.314		
7,550.00	7,091.70	7,438.66	7,047.02	43.70	40.28	-88.63	-1,406.21	872.79	532.90	460.68	72.22	7.379		
7,600.00	7,120.77	7,476.73	7,064.06	43.84	40.49	-86.45	-1,410.36	839.00	538.01	465.58	72.42	7.428		
7,650.00	7,146.77	7,514.56	7,079.01	44.00	40.72	-84.60	-1,414.05	804.45	542.66	469.91	72.75	7.459		
7,700.00	7,169.54	7,550.00	7,091.17	44.18	40.95	-83.08	-1,417.10	771.31	546.81	473.60	73.22	7.468		
7,750.00	7,188.94	7,589.60	7,102.60	44.38	41.24	-81.78	-1,420.03	733.52	550.41	476.57	73.84	7.455		
7,800.00	7,204.85	7,626.87	7,111.25	44.61	41.53	-80.76	-1,422.32	697.34	553.42	478.81	74.61	7.417		
7,850.00	7,217.17	7,664.02	7,117.80	44.88	41.84	-79.98	-1,424.14	660.82	555.82	480.27	75.55	7.357		
7,900.00	7,225.83	7,700.00	7,122.15	45.17	42.15	-79.42	-1,425.45	625.14	557.58	480.93	76.65	7.274		
7,950.00	7,230.77	7,738.07	7,124.60	45.50	42.51	-79.08	-1,426.36	587.16	558.68	480.81	77.88	7.174		
7,985.49	7,232.00	7,765.98	7,125.02	45.75	42.78	-78.97	-1,426.72	559.26	559.06	480.25	78.81	7.094		
8,000.00	7,232.12	7,780.49	7,125.05	45.86	42.93	-78.96	-1,426.87	544.75	559.10	479.95	79.15	7.064		
8,100.00	7,232.93	7,880.49	7,125.29	46.71	44.05	-78.91	-1,427.87	444.76	559.39	477.67	81.72	6.845		
8,200.00	7,233.74	7,980.49	7,125.53	47.73	45.35	-78.85	-1,428.87	344.76	559.69	475.11	84.58	6.617		
8,300.00	7,234.54	8,080.49	7,125.77	48.94	46.80	-78.80	-1,429.87	244.77	559.99	472.29	87.70	6.385		
8,400.00	7,235.35	8,180.48	7,126.01	50.32	48.40	-78.75	-1,430.87	144.78	560.28	469.23	91.06	6.153		
8,500.00	7,236.16	8,280.48	7,126.25	51.86	50.13	-78.69	-1,431.88	44.79	560.58	465.96	94.62	5.924		
8,600.00	7,236.97	8,380.48	7,126.49	53.54	51.98	-78.64	-1,432.88	-55.21	560.88	462.50	98.38	5.701		
8,700.00	7,237.77	8,480.48	7,126.73	55.33	53.92	-78.59	-1,433.88	-155.20	561.18	458.87	102.30	5.485		
8,800.00	7,238.58	8,580.48	7,126.97	57.24	55.95	-78.54	-1,434.88	-255.19	561.48	455.10	106.38	5.278		
8,900.00	7,239.39	8,680.47	7,127.21	59.24	58.05	-78.48	-1,435.88	-355.19	561.78	451.19	110.58	5.080		
9,000.00	7,240.20	8,780.47	7,127.45	61.31	60.23	-78.43	-1,436.88	-455.18	562.07	447.17	114.90	4.892		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	8,880.47	7,127.69	63.46	62.46	78.38	-1,437.88	-555.17	562.38	443.05	119.33	4.713		
9,200.00	7,241.81	8,980.47	7,127.93	65.67	64.75	78.32	-1,438.89	-655.17	562.68	438.83	123.85	4.543		
9,300.00	7,242.62	9,080.47	7,128.17	67.93	67.08	78.27	-1,439.89	-755.16	562.98	434.53	128.45	4.383		
9,400.00	7,243.43	9,180.47	7,128.41	70.25	69.45	78.22	-1,440.89	-855.15	563.28	430.16	133.12	4.231		
9,500.00	7,244.24	9,280.46	7,128.65	72.60	71.86	78.17	-1,441.89	-955.14	563.58	425.72	137.86	4.088		
9,600.00	7,245.04	9,380.46	7,128.89	74.99	74.30	78.11	-1,442.89	-1,055.14	563.88	421.23	142.66	3.953		
9,700.00	7,245.85	9,480.46	7,129.13	77.42	76.78	78.06	-1,443.89	-1,155.13	564.19	416.68	147.51	3.825		
9,800.00	7,246.66	9,580.46	7,129.37	79.87	79.28	78.01	-1,444.90	-1,255.12	564.49	412.08	152.41	3.704		
9,900.00	7,247.47	9,680.46	7,129.61	82.36	81.80	77.96	-1,445.90	-1,355.12	564.79	407.44	157.36	3.589		
10,000.00	7,248.28	9,780.45	7,129.85	84.87	84.34	77.90	-1,446.90	-1,455.11	565.10	402.76	162.34	3.481		
10,100.00	7,249.08	9,880.45	7,130.09	87.40	86.91	77.85	-1,447.90	-1,555.10	565.40	398.05	167.36	3.378		
10,200.00	7,249.89	9,980.45	7,130.33	89.95	89.49	77.80	-1,448.90	-1,655.09	565.71	393.30	172.41	3.281		
10,300.00	7,250.70	10,080.45	7,130.57	92.52	92.09	77.75	-1,449.90	-1,755.09	566.02	388.53	177.48	3.189		
10,400.00	7,251.51	10,180.45	7,130.81	95.11	94.71	77.70	-1,450.90	-1,855.08	566.32	383.73	182.59	3.102		
10,500.00	7,252.31	10,280.45	7,131.05	97.71	97.34	77.64	-1,451.91	-1,955.07	566.63	378.91	187.72	3.018		
10,600.00	7,253.12	10,380.44	7,131.29	100.33	99.98	77.59	-1,452.91	-2,055.07	566.94	374.06	192.87	2.939		
10,700.00	7,253.93	10,480.44	7,131.53	102.96	102.64	77.54	-1,453.91	-2,155.06	567.24	369.20	198.04	2.864		
10,800.00	7,254.74	10,580.44	7,131.77	105.61	105.30	77.49	-1,454.91	-2,255.05	567.55	364.32	203.24	2.793		
10,900.00	7,255.55	10,680.44	7,132.01	108.26	107.98	77.44	-1,455.91	-2,355.04	567.86	359.42	208.44	2.724		
11,000.00	7,256.35	10,780.44	7,132.25	110.92	110.66	77.38	-1,456.91	-2,455.04	568.17	354.51	213.67	2.659		
11,100.00	7,257.16	10,880.43	7,132.49	113.60	113.35	77.33	-1,457.92	-2,555.03	568.48	349.58	218.90	2.597		
11,200.00	7,257.97	10,980.43	7,132.73	116.28	116.05	77.28	-1,458.92	-2,655.02	568.79	344.64	224.15	2.538		
11,300.00	7,258.78	11,080.43	7,132.97	118.97	118.76	77.23	-1,459.92	-2,755.02	569.10	339.69	229.42	2.481		
11,400.00	7,259.58	11,180.43	7,133.21	121.67	121.48	77.18	-1,460.92	-2,855.01	569.41	334.72	234.69	2.426		
11,500.00	7,260.39	11,280.43	7,133.45	124.38	124.20	77.13	-1,461.92	-2,955.00	569.72	329.75	239.97	2.374		
11,600.00	7,261.20	11,380.43	7,133.69	127.09	126.92	77.07	-1,462.92	-3,054.99	570.04	324.77	245.26	2.324		
11,700.00	7,262.01	11,480.42	7,133.93	129.81	129.66	77.02	-1,463.92	-3,154.99	570.35	319.78	250.57	2.276		
11,800.00	7,262.82	11,580.42	7,134.17	132.53	132.40	76.97	-1,464.93	-3,254.98	570.66	314.79	255.88	2.230		
11,900.00	7,263.62	11,680.42	7,134.41	135.26	135.14	76.92	-1,465.93	-3,354.97	570.97	309.78	261.19	2.186		
12,000.00	7,264.43	11,780.42	7,134.64	138.00	137.89	76.87	-1,466.93	-3,454.97	571.29	304.77	266.52	2.144		
12,100.00	7,265.24	11,880.42	7,134.88	140.74	140.64	76.82	-1,467.93	-3,554.96	571.60	299.76	271.85	2.103		
12,200.00	7,266.05	11,980.42	7,135.12	143.49	143.40	76.77	-1,468.93	-3,654.95	571.92	294.74	277.18	2.063		
12,300.00	7,266.86	12,080.41	7,135.36	146.24	146.16	76.72	-1,469.93	-3,754.95	572.23	289.71	282.52	2.025		
12,400.00	7,267.66	12,180.41	7,135.60	148.99	148.92	76.67	-1,470.94	-3,854.94	572.55	284.68	287.87	1.989		
12,500.00	7,268.47	12,280.41	7,135.84	151.75	151.69	76.61	-1,471.94	-3,954.93	572.86	279.65	293.22	1.954		
12,600.00	7,269.28	12,380.41	7,136.08	154.51	154.46	76.56	-1,472.94	-4,054.92	573.18	274.61	298.57	1.920		
12,700.00	7,270.09	12,480.41	7,136.32	157.27	157.23	76.51	-1,473.94	-4,154.92	573.50	269.57	303.93	1.887		
12,800.00	7,270.89	12,580.40	7,136.56	160.04	160.01	76.46	-1,474.94	-4,254.91	573.82	264.53	309.29	1.855		
12,900.00	7,271.70	12,680.40	7,136.80	162.81	162.79	76.41	-1,475.94	-4,354.90	574.13	259.48	314.65	1.825		
13,000.00	7,272.51	12,780.40	7,137.04	165.58	165.57	76.36	-1,476.94	-4,454.90	574.45	254.43	320.02	1.795		
13,100.00	7,273.32	12,880.40	7,137.28	168.36	168.36	76.31	-1,477.95	-4,554.89	574.77	249.38	325.39	1.766		
13,200.00	7,274.13	12,980.40	7,137.52	171.14	171.14	76.26	-1,478.95	-4,654.88	575.09	244.33	330.76	1.739		
13,300.00	7,274.93	13,080.40	7,137.76	173.92	173.93	76.21	-1,479.95	-4,754.87	575.41	239.27	336.14	1.712		
13,400.00	7,275.74	13,180.39	7,138.00	176.71	176.73	76.16	-1,480.95	-4,854.87	575.73	234.22	341.51	1.686		
13,500.00	7,276.55	13,280.39	7,138.24	179.49	179.52	76.11	-1,481.95	-4,954.86	576.05	229.16	346.89	1.661		
13,555.88	7,277.00	13,336.28	7,138.38	181.05	181.08	76.08	-1,482.51	-5,010.74	576.23	226.33	349.90	1.647 SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-178.93	-14.94	-0.28	14.94					
100.00	100.00	100.00	100.00	3.28	3.28	-178.93	-14.94	-0.28	14.94	8.37	6.57	2.275		
200.00	200.00	200.00	200.00	3.34	3.34	-178.93	-14.94	-0.28	14.94	8.27	6.67	2.239		
300.00	299.98	299.98	299.98	3.44	3.44	39.39	-14.94	-0.28	13.55	6.67	6.89	1.968		
400.00	399.84	399.60	399.58	3.59	3.60	51.29	-16.43	0.60	11.15	3.96	7.19	1.551		
500.00	499.45	499.34	499.17	3.79	3.79	69.01	-20.91	3.25	9.66	2.08	7.58	1.274	Level 3	
557.83	556.90	557.06	556.72	3.93	3.92	81.31	-24.86	5.59	9.40	1.56	7.84	1.199	Level 2, CC	
600.00	598.70	599.19	598.65	4.04	4.02	90.41	-28.38	7.67	9.54	1.49	8.05	1.185	Level 2, ES, SF	
700.00	697.47	699.17	697.88	4.32	4.29	109.33	-38.84	13.86	10.89	2.28	8.61	1.264	Level 3	
800.00	795.62	799.27	796.75	4.64	4.59	122.50	-52.29	21.81	13.30	4.04	9.26	1.437	Level 3	
900.00	893.06	899.49	895.12	5.01	4.94	130.82	-68.73	31.53	16.35	6.38	9.97	1.640		
1,000.00	989.64	999.82	992.88	5.41	5.31	136.00	-88.15	43.02	19.77	9.04	10.73	1.842		
1,100.00	1,085.27	1,100.28	1,089.91	5.85	5.72	139.23	-110.53	56.25	23.43	11.89	11.54	2.030		
1,200.00	1,179.82	1,200.85	1,186.08	6.33	6.17	141.23	-135.85	71.23	27.27	14.87	12.40	2.199		
1,300.00	1,273.78	1,301.56	1,281.29	6.85	6.65	140.39	-164.11	87.94	29.87	16.56	13.31	2.244		
1,400.00	1,367.75	1,402.27	1,375.27	7.38	7.18	135.04	-195.23	106.34	30.03	15.72	14.31	2.098		
1,500.00	1,461.72	1,502.60	1,467.62	7.93	7.74	124.27	-228.96	126.29	28.54	13.07	15.47	1.845		
1,596.86	1,552.74	1,600.76	1,556.19	8.48	8.31	111.23	-262.27	145.99	27.80	11.09	16.71	1.664		
1,600.00	1,555.69	1,602.38	1,559.06	8.49	8.32	110.80	-263.35	146.63	27.80	11.06	16.74	1.661		
1,700.00	1,649.66	1,702.15	1,650.49	9.07	8.93	97.38	-297.73	166.96	28.64	10.64	17.99	1.592		
1,800.00	1,743.63	1,801.93	1,741.92	9.65	9.55	85.33	-332.11	187.29	30.92	11.77	19.15	1.615		
1,900.00	1,837.60	1,901.71	1,833.36	10.24	10.18	75.30	-366.49	207.63	34.36	14.15	20.21	1.701		
2,000.00	1,931.57	2,001.49	1,924.79	10.83	10.82	67.29	-400.87	227.96	38.65	17.45	21.20	1.823		
2,100.00	2,025.54	2,101.27	2,016.22	11.43	11.47	60.97	-435.25	248.30	43.54	21.38	22.16	1.965		
2,200.00	2,119.51	2,201.04	2,107.66	12.03	12.12	55.98	-469.64	268.63	48.86	25.73	23.12	2.113		
2,300.00	2,213.48	2,300.82	2,199.09	12.64	12.78	51.98	-504.02	288.96	54.47	30.38	24.09	2.261		
2,400.00	2,307.45	2,400.60	2,290.52	13.25	13.45	48.75	-538.40	309.30	60.29	35.22	25.07	2.405		
2,500.00	2,401.42	2,500.38	2,381.96	13.87	14.12	46.09	-572.78	329.63	66.27	40.22	26.05	2.544		
2,600.00	2,495.39	2,600.15	2,473.39	14.48	14.79	43.87	-607.16	349.96	72.37	45.32	27.05	2.675		
2,700.00	2,589.35	2,700.07	2,564.82	15.10	15.47	42.00	-641.55	370.30	78.57	50.50	28.06	2.800		
2,800.00	2,683.32	2,800.29	2,656.26	15.72	16.15	40.41	-675.93	390.63	84.83	55.74	29.09	2.917		
2,900.00	2,777.29	2,900.51	2,747.69	16.34	16.83	39.03	-710.31	410.96	91.15	61.03	30.11	3.027		
3,000.00	2,871.26	2,999.27	2,839.13	16.97	17.51	37.83	-744.69	431.30	97.51	66.37	31.14	3.131		
3,100.00	2,965.23	3,099.04	2,930.56	17.59	18.20	36.79	-779.07	451.63	103.91	71.73	32.18	3.229		
3,200.00	3,059.20	3,201.18	3,021.99	18.22	18.90	35.86	-813.45	471.96	110.35	77.10	33.24	3.319		
3,300.00	3,153.17	3,301.40	3,113.43	18.84	19.59	35.03	-847.84	492.30	116.81	82.51	34.30	3.406		
3,400.00	3,247.14	3,401.62	3,204.86	19.47	20.28	34.29	-882.22	512.63	123.29	87.93	35.35	3.487		
3,500.00	3,341.11	3,501.84	3,296.29	20.10	20.98	33.63	-916.60	532.96	129.78	93.37	36.42	3.564		
3,600.00	3,435.08	3,602.07	3,387.73	20.73	21.67	33.03	-950.98	553.30	136.30	98.82	37.48	3.636		
3,700.00	3,529.05	3,702.29	3,479.16	21.36	22.37	32.48	-985.36	573.63	142.83	104.28	38.55	3.705		
3,800.00	3,623.02	3,802.51	3,570.59	21.99	23.07	31.98	-1,019.75	593.96	149.37	109.74	39.62	3.770		
3,900.00	3,716.99	3,897.27	3,662.03	22.62	23.73	31.53	-1,054.13	614.30	155.92	115.25	40.66	3.834		
4,000.00	3,810.95	3,997.05	3,753.46	23.25	24.43	31.11	-1,088.51	634.63	162.47	120.74	41.74	3.893		
4,100.00	3,904.92	4,103.18	3,844.89	23.88	25.17	30.72	-1,122.89	654.96	169.04	126.19	42.85	3.945		
4,200.00	3,998.89	4,196.60	3,936.33	24.52	25.82	30.36	-1,157.27	675.30	175.61	131.72	43.89	4.001		
4,300.00	4,092.86	4,296.38	4,027.76	25.15	26.52	30.03	-1,191.65	695.63	182.19	137.22	44.97	4.051		
4,400.00	4,186.83	4,403.84	4,119.19	25.78	27.27	29.72	-1,226.04	715.96	188.78	142.68	46.10	4.095		
4,500.00	4,280.80	4,504.07	4,210.63	26.42	27.97	29.43	-1,260.42	736.30	195.37	148.19	47.18	4.141		
4,600.00	4,374.77	4,604.29	4,302.06	27.05	28.67	29.16	-1,294.80	756.63	201.97	153.70	48.27	4.184		
4,700.00	4,468.74	4,695.49	4,393.49	27.68	29.31	28.91	-1,329.18	776.96	208.57	159.26	49.31	4.230		
4,800.00	4,562.71	4,804.73	4,484.93	28.32	30.08	28.67	-1,363.56	797.30	215.17	164.72	50.45	4.265		
4,900.00	4,656.68	4,904.95	4,576.36	28.95	30.79	28.45	-1,397.95	817.63	221.78	170.24	51.54	4.303		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,750.65	4,994.82	4,667.79	29.59	31.42	28.24	-1,432.33	837.96	228.39	175.82	52.57	4.344		
5,100.00	4,844.62	5,105.40	4,759.23	30.23	32.19	28.04	-1,466.71	858.30	235.00	181.28	53.72	4.374		
5,200.00	4,938.59	5,194.38	4,850.66	30.86	32.82	27.86	-1,501.09	878.63	241.62	186.86	54.75	4.413		
5,300.00	5,032.56	5,305.84	4,942.09	31.50	33.60	27.68	-1,535.47	898.96	248.23	192.32	55.91	4.440		
5,400.00	5,126.52	5,406.06	5,033.53	32.13	34.31	27.51	-1,569.85	919.30	254.86	197.85	57.01	4.471		
5,500.00	5,220.49	5,493.71	5,124.96	32.77	34.93	27.35	-1,604.24	939.63	261.48	203.45	58.03	4.506		
5,600.00	5,314.46	5,606.51	5,216.39	33.41	35.72	27.20	-1,638.62	959.96	268.10	208.90	59.20	4.529		
5,700.00	5,408.43	5,706.73	5,307.83	34.04	36.43	27.06	-1,673.00	980.30	274.73	214.43	60.30	4.556		
5,800.00	5,502.40	5,793.05	5,399.26	34.68	37.04	26.92	-1,707.38	1,000.63	281.36	220.04	61.31	4.589		
5,900.00	5,596.37	5,907.18	5,490.69	35.32	37.84	26.79	-1,741.76	1,020.96	287.99	225.49	62.49	4.608		
6,000.00	5,690.34	5,992.60	5,582.13	35.96	38.44	26.66	-1,776.15	1,041.30	294.62	231.11	63.51	4.639		
6,100.00	5,784.31	6,107.62	5,673.56	36.59	39.25	26.54	-1,810.53	1,061.63	301.25	236.56	64.69	4.657		
6,200.00	5,878.28	6,192.16	5,765.00	37.23	39.85	26.43	-1,844.91	1,081.96	307.88	242.18	65.70	4.686		
6,300.00	5,972.25	6,291.94	5,856.43	37.87	40.55	26.32	-1,879.29	1,102.30	314.52	247.72	66.80	4.708		
6,400.00	6,066.22	6,408.29	5,947.86	38.51	41.38	26.21	-1,913.67	1,122.63	321.15	253.16	67.99	4.723		
6,500.00	6,160.19	6,508.51	6,039.30	39.14	42.08	26.11	-1,948.05	1,142.96	327.79	258.69	69.09	4.744		
6,600.00	6,254.16	6,608.73	6,130.73	39.78	42.79	26.01	-1,982.44	1,163.30	334.43	264.23	70.20	4.764		
6,700.00	6,348.13	6,691.05	6,222.16	40.42	43.37	25.92	-2,016.82	1,183.63	341.06	269.87	71.20	4.791		
6,800.00	6,442.09	6,795.22	6,318.45	41.06	44.06	26.72	-2,053.00	1,199.50	347.19	274.68	72.51	4.788		
6,869.92	6,507.80	6,866.88	6,385.50	41.51	44.44	28.81	-2,078.14	1,200.80	350.86	277.19	73.67	4.762		
6,900.00	6,536.18	6,896.87	6,413.53	41.69	44.58	23.32	-2,088.64	1,198.96	352.50	278.31	74.20	4.751		
6,950.00	6,583.76	6,946.01	6,459.19	41.98	44.77	12.24	-2,105.73	1,192.90	355.52	280.51	75.01	4.739		
7,000.00	6,631.58	6,994.30	6,503.51	42.23	44.93	-0.36	-2,122.30	1,183.29	358.87	283.11	75.75	4.737		
7,050.00	6,679.34	7,041.81	6,546.33	42.44	45.06	-12.66	-2,138.29	1,170.37	362.50	286.09	76.41	4.744		
7,100.00	6,726.76	7,088.59	6,587.50	42.62	45.18	-23.08	-2,153.64	1,154.36	366.36	289.39	76.97	4.760		
7,150.00	6,773.53	7,134.68	6,626.89	42.78	45.27	-31.09	-2,168.31	1,135.46	370.39	292.97	77.42	4.784		
7,200.00	6,819.38	7,180.14	6,664.38	42.91	45.36	-36.90	-2,182.26	1,113.90	374.55	296.77	77.78	4.815		
7,250.00	6,864.01	7,225.02	6,699.90	43.03	45.44	-41.02	-2,195.45	1,089.86	378.77	300.73	78.05	4.853		
7,300.00	6,907.16	7,269.36	6,733.35	43.14	45.52	-43.89	-2,207.86	1,063.55	383.00	304.77	78.23	4.896		
7,350.00	6,948.56	7,313.21	6,764.68	43.24	45.60	-45.88	-2,219.46	1,035.15	387.17	308.84	78.33	4.943		
7,400.00	6,987.94	7,356.62	6,793.80	43.35	45.68	-47.24	-2,230.23	1,004.85	391.24	312.87	78.37	4.992		
7,450.00	7,025.08	7,399.61	6,820.69	43.46	45.77	-48.15	-2,240.15	972.81	395.14	316.77	78.37	5.042		
7,500.00	7,059.73	7,442.23	6,845.29	43.57	45.87	-48.75	-2,249.20	939.20	398.83	320.49	78.34	5.091		
7,550.00	7,091.70	7,484.53	6,867.57	43.70	45.98	-49.12	-2,257.38	904.21	402.26	323.94	78.32	5.136		
7,600.00	7,120.77	7,526.53	6,887.49	43.84	46.10	-49.34	-2,264.67	867.97	405.40	327.09	78.31	5.177		
7,650.00	7,146.77	7,568.26	6,905.04	44.00	46.23	-49.44	-2,271.06	830.65	408.19	329.85	78.34	5.210		
7,700.00	7,169.54	7,609.77	6,920.18	44.18	46.38	-49.47	-2,276.54	792.40	410.61	332.18	78.43	5.235		
7,750.00	7,188.94	7,651.08	6,932.90	44.38	46.55	-49.45	-2,281.11	753.37	412.63	334.03	78.60	5.250		
7,800.00	7,204.85	7,692.22	6,943.19	44.61	46.74	-49.41	-2,284.77	713.71	414.22	335.36	78.86	5.253		
7,850.00	7,217.17	7,733.23	6,951.04	44.88	46.95	-49.34	-2,287.51	673.56	415.37	336.14	79.23	5.243		
7,900.00	7,225.83	7,774.13	6,956.44	45.17	47.17	-49.28	-2,289.33	633.07	416.05	336.34	79.71	5.220		
7,950.00	7,230.77	7,814.95	6,959.39	45.50	47.42	-49.22	-2,290.23	592.38	416.26	335.95	80.31	5.183		
7,985.49	7,232.00	7,844.30	6,960.01	45.75	47.61	-49.17	-2,290.32	563.03	416.11	335.29	80.82	5.149		
8,000.00	7,232.12	7,858.81	6,960.05	45.86	47.72	-49.14	-2,290.26	548.53	415.99	334.87	81.12	5.128		
8,100.00	7,232.93	7,958.79	6,960.30	46.71	48.50	-48.94	-2,289.85	448.54	415.14	331.86	83.28	4.985		
8,200.00	7,233.74	8,058.78	6,960.55	47.73	49.44	-48.74	-2,289.44	348.56	414.30	328.70	85.61	4.840		
8,300.00	7,234.54	8,158.76	6,960.80	48.94	50.55	-48.53	-2,289.03	248.58	413.47	325.39	88.08	4.694		
8,400.00	7,235.35	8,258.75	6,961.05	50.32	51.84	-48.33	-2,288.62	148.59	412.64	321.96	90.68	4.550		
8,500.00	7,236.16	8,358.73	6,961.30	51.86	53.29	-48.12	-2,288.21	48.61	411.81	318.41	93.40	4.409		
8,600.00	7,236.97	8,458.72	6,961.56	53.54	54.89	-47.92	-2,287.80	-51.38	411.00	314.77	96.22	4.271		
8,700.00	7,237.77	8,558.70	6,961.81	55.33	56.63	-47.71	-2,287.39	-151.36	410.18	311.04	99.14	4.137		
8,800.00	7,238.58	8,658.69	6,962.06	57.24	58.48	-47.50	-2,286.98	-251.35	409.38	307.24	102.14	4.008		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,239.39	8,758.68	6,962.31	59.24	60.43	-47.29	-2,286.57	-351.33	408.57	303.37	105.21	3.884		
9,000.00	7,240.20	8,858.66	6,962.56	61.31	62.47	-47.08	-2,286.16	-451.32	407.78	299.44	108.33	3.764		
9,100.00	7,241.01	8,958.65	6,962.82	63.46	64.59	-46.87	-2,285.75	-551.30	406.99	295.47	111.52	3.650		
9,200.00	7,241.81	9,058.63	6,963.07	65.67	66.78	-46.66	-2,285.34	-651.29	406.20	291.46	114.74	3.540		
9,300.00	7,242.62	9,158.62	6,963.32	67.93	69.03	-46.45	-2,284.93	-751.27	405.42	287.41	118.01	3.435		
9,400.00	7,243.43	9,258.60	6,963.57	70.25	71.32	-46.23	-2,284.52	-851.25	404.64	283.33	121.31	3.336		
9,500.00	7,244.24	9,358.59	6,963.82	72.60	73.66	-46.02	-2,284.12	-951.24	403.88	279.24	124.64	3.240		
9,600.00	7,245.04	9,458.58	6,964.08	74.99	76.05	-45.80	-2,283.71	-1,051.22	403.11	275.13	127.99	3.150		
9,700.00	7,245.85	9,558.56	6,964.33	77.42	78.47	-45.59	-2,283.30	-1,151.21	402.35	271.00	131.35	3.063		
9,800.00	7,246.66	9,658.55	6,964.58	79.87	80.92	-45.37	-2,282.89	-1,251.19	401.60	266.87	134.74	2.981		
9,900.00	7,247.47	9,758.53	6,964.83	82.36	83.40	-45.16	-2,282.48	-1,351.18	400.86	262.73	138.13	2.902		
10,000.00	7,248.28	9,858.52	6,965.08	84.87	85.90	-44.94	-2,282.07	-1,451.16	400.12	258.59	141.53	2.827		
10,100.00	7,249.08	9,958.50	6,965.33	87.40	88.43	-44.72	-2,281.66	-1,551.15	399.38	254.45	144.93	2.756		
10,200.00	7,249.89	10,058.49	6,965.59	89.95	90.98	-44.50	-2,281.25	-1,651.13	398.65	250.32	148.33	2.688		
10,300.00	7,250.70	10,158.47	6,965.84	92.52	93.55	-44.28	-2,280.84	-1,751.11	397.93	246.19	151.74	2.622		
10,400.00	7,251.51	10,258.46	6,966.09	95.11	96.14	-44.06	-2,280.43	-1,851.10	397.21	242.08	155.14	2.560		
10,500.00	7,252.31	10,358.45	6,966.34	97.71	98.75	-43.83	-2,280.02	-1,951.08	396.50	237.97	158.53	2.501		
10,600.00	7,253.12	10,458.43	6,966.59	100.33	101.36	-43.61	-2,279.61	-2,051.07	395.80	233.88	161.92	2.444		
10,700.00	7,253.93	10,558.42	6,966.85	102.96	104.00	-43.39	-2,279.20	-2,151.05	395.10	229.80	165.30	2.390		
10,800.00	7,254.74	10,658.40	6,967.10	105.61	106.64	-43.16	-2,278.79	-2,251.04	394.40	225.74	168.66	2.338		
10,900.00	7,255.55	10,758.39	6,967.35	108.26	109.30	-42.94	-2,278.38	-2,351.02	393.72	221.70	172.01	2.289		
11,000.00	7,256.35	10,858.37	6,967.60	110.92	111.97	-42.71	-2,277.97	-2,451.01	393.04	217.68	175.35	2.241		
11,100.00	7,257.16	10,958.36	6,967.85	113.60	114.64	-42.49	-2,277.56	-2,550.99	392.36	213.68	178.68	2.196		
11,200.00	7,257.97	11,058.35	6,968.10	116.28	117.33	-42.26	-2,277.15	-2,650.97	391.69	209.71	181.99	2.152		
11,300.00	7,258.78	11,158.33	6,968.36	118.97	120.02	-42.03	-2,276.74	-2,750.96	391.03	205.76	185.28	2.111		
11,400.00	7,259.58	11,258.32	6,968.61	121.67	122.72	-41.80	-2,276.33	-2,850.94	390.38	201.83	188.55	2.070		
11,500.00	7,260.39	11,358.30	6,968.86	124.38	125.43	-41.57	-2,275.93	-2,950.93	389.73	197.93	191.80	2.032		
11,600.00	7,261.20	11,458.29	6,969.11	127.09	128.15	-41.34	-2,275.52	-3,050.91	389.08	194.05	195.03	1.995		
11,700.00	7,262.01	11,558.27	6,969.36	129.81	130.87	-41.11	-2,275.11	-3,150.90	388.45	190.21	198.24	1.959		
11,800.00	7,262.82	11,658.26	6,969.62	132.53	133.60	-40.88	-2,274.70	-3,250.88	387.81	186.39	201.42	1.925		
11,900.00	7,263.62	11,758.24	6,969.87	135.26	136.33	-40.64	-2,274.29	-3,350.87	387.19	182.60	204.59	1.893		
12,000.00	7,264.43	11,858.23	6,970.12	138.00	139.07	-40.41	-2,273.88	-3,450.85	386.57	178.85	207.73	1.861		
12,100.00	7,265.24	11,958.22	6,970.37	140.74	141.82	-40.18	-2,273.47	-3,550.84	385.96	175.12	210.84	1.831		
12,200.00	7,266.05	12,058.20	6,970.62	143.49	144.57	-39.94	-2,273.06	-3,650.82	385.36	171.43	213.93	1.801		
12,300.00	7,266.86	12,158.19	6,970.87	146.24	147.32	-39.70	-2,272.65	-3,750.80	384.76	167.77	216.99	1.773		
12,400.00	7,267.66	12,258.17	6,971.13	148.99	150.08	-39.47	-2,272.24	-3,850.79	384.17	164.14	220.03	1.746		
12,500.00	7,268.47	12,358.16	6,971.38	151.75	152.84	-39.23	-2,271.83	-3,950.77	383.58	160.54	223.04	1.720		
12,600.00	7,269.28	12,458.14	6,971.63	154.51	155.61	-38.99	-2,271.42	-4,050.76	383.00	156.98	226.02	1.695		
12,700.00	7,270.09	12,558.13	6,971.88	157.27	158.37	-38.75	-2,271.01	-4,150.74	382.43	153.46	228.97	1.670		
12,800.00	7,270.89	12,658.12	6,972.13	160.04	161.15	-38.51	-2,270.60	-4,250.73	381.86	149.97	231.90	1.647		
12,900.00	7,271.70	12,758.10	6,972.39	162.81	163.92	-38.27	-2,270.19	-4,350.71	381.30	146.51	234.79	1.624		
13,000.00	7,272.51	12,858.09	6,972.64	165.58	166.70	-38.03	-2,269.78	-4,450.70	380.75	143.10	237.66	1.602		
13,100.00	7,273.32	12,958.07	6,972.89	168.36	169.48	-37.79	-2,269.37	-4,550.68	380.21	139.72	240.49	1.581		
13,153.98	7,273.75	13,012.04	6,973.03	169.86	170.98	-37.66	-2,269.15	-4,604.65	379.92	137.91	242.01	1.570		
13,200.00	7,274.13	13,002.01	6,973.00	171.14	170.70	-37.68	-2,269.19	-4,594.62	383.78	143.59	240.19	1.598		
13,300.00	7,274.93	13,002.01	6,973.00	173.92	170.70	-37.68	-2,269.19	-4,594.62	409.99	182.17	227.82	1.800		
13,400.00	7,275.74	13,002.01	6,973.00	176.71	170.70	-37.68	-2,269.19	-4,594.62	457.05	248.29	208.76	2.189		
13,500.00	7,276.55	13,002.01	6,973.00	179.49	170.70	-37.68	-2,269.19	-4,594.62	519.32	330.30	189.02	2.747		
13,555.88	7,277.00	13,002.01	6,973.00	181.05	170.70	-37.68	-2,269.19	-4,594.62	558.91	379.99	178.92	3.124		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-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	23.31	6.57	4.548		
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	299.09	299.08	3.44	3.44	34.88	-31.38	0.53	29.95	23.07	6.89	4.349		
400.00	399.84	398.19	398.03	3.59	3.59	35.76	-35.91	2.97	30.19	22.99	7.21	4.190		
500.00	499.45	497.28	496.75	3.79	3.79	37.19	-43.44	7.03	30.61	22.99	7.62	4.016 ES		
600.00	598.70	596.37	595.11	4.04	4.03	39.12	-53.97	12.71	31.22	23.10	8.12	3.843		
700.00	697.47	695.46	692.99	4.32	4.30	41.48	-67.50	20.00	32.05	23.36	8.70	3.686		
800.00	795.62	794.54	790.29	4.64	4.62	44.19	-83.99	28.88	33.14	23.81	9.33	3.552		
900.00	893.06	893.62	886.87	5.01	4.98	47.17	-103.43	39.36	34.52	24.49	10.03	3.442		
1,000.00	989.64	992.70	982.62	5.41	5.38	50.29	-125.80	51.42	36.21	25.42	10.78	3.357		
1,100.00	1,085.27	1,091.77	1,077.44	5.85	5.81	53.48	-151.08	65.04	38.23	26.63	11.61	3.294		
1,200.00	1,179.82	1,190.84	1,171.20	6.33	6.28	56.64	-179.22	80.20	40.62	28.12	12.50	3.249		
1,300.00	1,273.78	1,289.86	1,263.77	6.85	6.79	57.81	-210.18	96.89	44.27	30.82	13.45	3.291		
1,400.00	1,367.75	1,388.67	1,354.85	7.38	7.34	55.66	-243.86	115.04	50.08	35.66	14.41	3.474		
1,500.00	1,461.72	1,488.16	1,445.69	7.93	7.92	52.27	-279.59	134.29	57.44	42.06	15.39	3.734		
1,600.00	1,555.69	1,587.84	1,536.68	8.49	8.53	49.62	-315.41	153.60	65.00	48.62	16.38	3.969		
1,700.00	1,649.66	1,687.51	1,627.67	9.07	9.16	47.53	-351.24	172.90	72.66	55.28	17.38	4.180		
1,800.00	1,743.63	1,787.18	1,718.66	9.65	9.79	45.84	-387.07	192.21	80.40	62.00	18.40	4.370		
1,900.00	1,837.60	1,886.86	1,809.65	10.24	10.44	44.44	-422.89	211.52	88.20	68.77	19.43	4.539		
2,000.00	1,931.57	1,986.53	1,900.63	10.83	11.09	43.28	-458.72	230.82	96.05	75.57	20.47	4.692		
2,100.00	2,025.54	2,086.21	1,991.62	11.43	11.75	42.29	-494.54	250.13	103.92	82.40	21.52	4.829		
2,200.00	2,119.51	2,185.88	2,082.61	12.03	12.42	41.44	-530.37	269.44	111.83	89.25	22.58	4.952		
2,300.00	2,213.48	2,285.56	2,173.60	12.64	13.09	40.70	-566.20	288.74	119.75	96.10	23.65	5.064		
2,400.00	2,307.45	2,385.23	2,264.58	13.25	13.76	40.05	-602.02	308.05	127.69	102.97	24.72	5.166		
2,500.00	2,401.42	2,484.91	2,355.57	13.87	14.44	39.48	-637.85	327.36	135.65	109.85	25.79	5.259		
2,600.00	2,495.39	2,584.58	2,446.56	14.48	15.13	38.97	-673.67	346.66	143.62	116.74	26.88	5.343		
2,700.00	2,589.35	2,684.25	2,537.55	15.10	15.81	38.52	-709.50	365.97	151.59	123.63	27.96	5.421		
2,800.00	2,683.32	2,783.93	2,628.53	15.72	16.50	38.11	-745.33	385.28	159.58	130.53	29.05	5.493		
2,900.00	2,777.29	2,883.60	2,719.52	16.34	17.19	37.74	-781.15	404.58	167.57	137.43	30.15	5.558		
3,000.00	2,871.26	2,983.28	2,810.51	16.97	17.88	37.40	-816.98	423.89	175.57	144.33	31.25	5.619		
3,100.00	2,965.23	3,082.95	2,901.50	17.59	18.57	37.10	-852.80	443.20	183.58	151.23	32.35	5.676		
3,200.00	3,059.20	3,182.63	2,992.48	18.22	19.27	36.82	-888.63	462.50	191.59	158.14	33.45	5.728		
3,300.00	3,153.17	3,282.30	3,083.47	18.84	19.96	36.56	-924.46	481.81	199.61	165.05	34.55	5.777		
3,400.00	3,247.14	3,381.98	3,174.46	19.47	20.66	36.32	-960.28	501.11	207.62	171.96	35.66	5.822		
3,500.00	3,341.11	3,481.65	3,265.45	20.10	21.36	36.10	-996.11	520.42	215.65	178.87	36.77	5.865		
3,600.00	3,435.08	3,581.32	3,356.44	20.73	22.06	35.89	-1,031.93	539.73	223.67	185.79	37.88	5.904		
3,700.00	3,529.05	3,681.00	3,447.42	21.36	22.76	35.70	-1,067.76	559.03	231.70	192.70	38.99	5.942		
3,800.00	3,623.02	3,780.67	3,538.41	21.99	23.46	35.52	-1,103.59	578.34	239.73	199.62	40.11	5.977		
3,900.00	3,716.99	3,880.35	3,629.40	22.62	24.16	35.36	-1,139.41	597.65	247.76	206.53	41.22	6.010		
4,000.00	3,810.95	3,980.02	3,720.39	23.25	24.86	35.20	-1,175.24	616.95	255.79	213.45	42.34	6.041		
4,100.00	3,904.92	4,079.70	3,811.37	23.88	25.57	35.05	-1,211.06	636.26	263.83	220.37	43.46	6.071		
4,200.00	3,998.89	4,179.37	3,902.36	24.52	26.27	34.92	-1,246.89	655.57	271.86	227.29	44.58	6.098		
4,300.00	4,092.86	4,279.05	3,993.35	25.15	26.97	34.79	-1,282.72	674.87	279.90	234.20	45.70	6.125		
4,400.00	4,186.83	4,378.72	4,084.34	25.78	27.68	34.66	-1,318.54	694.18	287.94	241.12	46.82	6.150		
4,500.00	4,280.80	4,478.39	4,175.32	26.42	28.38	34.55	-1,354.37	713.49	295.98	248.04	47.94	6.174		
4,600.00	4,374.77	4,578.07	4,266.31	27.05	29.09	34.44	-1,390.19	732.79	304.03	254.96	49.07	6.196		
4,700.00	4,468.74	4,677.74	4,357.30	27.68	29.79	34.33	-1,426.02	752.10	312.07	261.88	50.19	6.218		
4,800.00	4,562.71	4,777.42	4,448.29	28.32	30.50	34.23	-1,461.85	771.40	320.11	268.80	51.31	6.238		
4,900.00	4,656.68	4,877.09	4,539.27	28.95	31.21	34.14	-1,497.67	790.71	328.16	275.72	52.44	6.258		
5,000.00	4,750.65	4,976.77	4,630.26	29.59	31.91	34.05	-1,533.50	810.02	336.21	282.64	53.57	6.277		
5,100.00	4,844.62	5,076.44	4,721.25	30.23	32.62	33.97	-1,569.32	829.32	344.25	289.56	54.69	6.294		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	5,176.12	4,812.24	30.86	33.33	33.88	-1,605.15	848.63	352.30	296.48	55.82	6.312		
5,300.00	5,032.56	5,275.79	4,903.23	31.50	34.04	33.81	-1,640.98	867.94	360.35	303.40	56.95	6.328		
5,400.00	5,126.52	5,375.46	4,994.21	32.13	34.74	33.73	-1,676.80	887.24	368.40	310.32	58.07	6.344		
5,500.00	5,220.49	5,475.14	5,085.20	32.77	35.45	33.66	-1,712.63	906.55	376.45	317.24	59.20	6.359		
5,600.00	5,314.46	5,574.81	5,176.19	33.41	36.16	33.59	-1,748.45	925.86	384.50	324.17	60.33	6.373		
5,700.00	5,408.43	5,674.49	5,267.18	34.04	36.87	33.53	-1,784.28	945.16	392.55	331.09	61.46	6.387		
5,800.00	5,502.40	5,774.16	5,358.16	34.68	37.58	33.46	-1,820.11	964.47	400.60	338.01	62.59	6.400		
5,900.00	5,596.37	5,873.84	5,449.15	35.32	38.29	33.40	-1,855.93	983.78	408.65	344.93	63.72	6.413		
6,000.00	5,690.34	5,973.51	5,540.14	35.96	39.00	33.35	-1,891.76	1,003.08	416.70	351.85	64.85	6.426		
6,100.00	5,784.31	6,073.19	5,631.13	36.59	39.70	33.29	-1,927.58	1,022.39	424.75	358.77	65.98	6.437		
6,200.00	5,878.28	6,172.86	5,722.11	37.23	40.41	33.24	-1,963.41	1,041.69	432.81	365.69	67.11	6.449		
6,300.00	5,972.25	6,272.53	5,813.10	37.87	41.12	33.18	-1,999.24	1,061.00	440.86	372.62	68.24	6.460		
6,400.00	6,066.22	6,372.21	5,904.09	38.51	41.83	33.13	-2,035.06	1,080.31	448.91	379.54	69.38	6.471		
6,500.00	6,160.19	6,471.88	5,995.08	39.14	42.54	33.09	-2,070.89	1,099.61	456.97	386.46	70.51	6.481		
6,600.00	6,254.16	6,571.56	6,086.06	39.78	43.25	33.04	-2,106.71	1,118.92	465.02	393.38	71.64	6.491		
6,700.00	6,348.13	6,671.23	6,177.05	40.42	43.96	32.99	-2,142.54	1,138.23	473.08	400.30	72.77	6.501		
6,800.00	6,442.09	6,770.91	6,268.04	41.06	44.67	32.95	-2,178.37	1,157.53	481.13	407.23	73.91	6.510		
6,869.92	6,507.80	6,840.60	6,331.66	41.51	45.17	32.92	-2,203.42	1,171.03	486.76	412.07	74.70	6.516		
6,900.00	6,536.18	6,870.57	6,359.02	41.69	45.38	26.26	-2,214.19	1,176.84	489.17	414.16	75.01	6.521		
6,950.00	6,583.76	6,920.20	6,404.32	41.98	45.74	12.92	-2,232.03	1,186.45	493.13	417.69	75.44	6.537		
7,000.00	6,631.58	6,969.55	6,449.60	42.23	46.07	-2.16	-2,249.84	1,194.67	497.11	421.34	75.77	6.561		
7,050.00	6,679.34	7,019.41	6,495.80	42.44	46.38	-16.89	-2,268.00	1,199.17	501.12	425.04	76.09	6.586		
7,100.00	6,726.76	7,069.84	6,542.72	42.62	46.66	-29.68	-2,286.42	1,199.75	505.15	428.75	76.40	6.612		
7,150.00	6,773.53	7,120.86	6,590.10	42.78	46.90	-39.96	-2,305.00	1,196.28	509.16	432.44	76.71	6.637		
7,200.00	6,819.38	7,172.48	6,637.63	42.91	47.10	-47.95	-2,323.61	1,188.64	513.12	436.07	77.04	6.660		
7,250.00	6,864.01	7,224.73	6,684.99	43.03	47.27	-54.14	-2,342.12	1,176.71	517.01	439.61	77.39	6.680		
7,300.00	6,907.16	7,277.60	6,731.83	43.14	47.41	-58.97	-2,360.41	1,160.45	520.78	443.02	77.77	6.697		
7,350.00	6,948.56	7,331.10	6,777.80	43.24	47.53	-62.81	-2,378.33	1,139.80	524.42	446.25	78.16	6.709		
7,400.00	6,987.94	7,385.22	6,822.50	43.35	47.63	-65.90	-2,395.73	1,114.77	527.88	449.28	78.59	6.716		
7,450.00	7,025.08	7,439.95	6,865.54	43.46	47.73	-68.42	-2,412.45	1,085.41	531.13	452.07	79.06	6.718		
7,500.00	7,059.73	7,495.27	6,906.50	43.57	47.82	-70.49	-2,428.22	1,051.82	534.14	454.56	79.58	6.712		
7,550.00	7,091.70	7,551.15	6,944.98	43.70	47.91	-72.20	-2,443.20	1,014.14	536.87	456.73	80.15	6.698		
7,600.00	7,120.77	7,607.56	6,980.55	43.84	48.01	-73.62	-2,456.91	972.60	539.31	458.51	80.80	6.675		
7,650.00	7,146.77	7,664.44	7,012.82	44.00	48.12	-74.80	-2,469.31	927.45	541.40	459.86	81.54	6.640		
7,700.00	7,169.54	7,721.74	7,041.41	44.18	48.25	-75.77	-2,480.25	879.03	543.15	460.76	82.39	6.593		
7,750.00	7,188.94	7,779.41	7,065.98	44.38	48.40	-76.55	-2,489.59	827.73	544.51	461.16	83.35	6.533		
7,800.00	7,204.85	7,837.36	7,086.23	44.61	48.58	-77.16	-2,497.21	773.99	545.48	461.03	84.44	6.460		
7,850.00	7,217.17	7,895.53	7,101.89	44.88	48.79	-77.62	-2,503.03	718.30	546.03	460.37	85.66	6.374		
7,900.00	7,225.83	7,953.83	7,112.79	45.17	49.04	-77.93	-2,506.97	661.18	546.17	459.17	87.00	6.278		
7,950.00	7,230.77	8,012.18	7,118.78	45.50	49.32	-78.10	-2,508.98	603.19	545.89	457.44	88.45	6.172		
7,985.49	7,232.00	8,053.59	7,120.02	45.75	49.54	-78.14	-2,509.22	561.81	545.43	455.91	89.52	6.093		
8,000.00	7,232.12	8,067.27	7,120.16	45.86	49.63	-78.14	-2,509.19	548.13	545.23	455.39	89.84	6.069		
8,100.00	7,232.93	8,167.26	7,120.97	46.71	50.29	-78.11	-2,508.91	448.14	543.79	451.36	92.43	5.883		
8,200.00	7,233.74	8,267.25	7,121.78	47.73	51.10	-78.08	-2,508.64	348.15	542.35	447.08	95.27	5.693		
8,300.00	7,234.54	8,367.24	7,122.60	48.94	52.07	-78.05	-2,508.36	248.17	540.92	442.57	98.35	5.500		
8,400.00	7,235.35	8,467.23	7,123.41	50.32	53.22	-78.02	-2,508.09	148.18	539.48	437.84	101.64	5.308		
8,500.00	7,236.16	8,567.22	7,124.22	51.86	54.55	-77.98	-2,507.82	48.20	538.05	432.92	105.13	5.118		
8,600.00	7,236.97	8,667.21	7,125.04	53.54	56.03	-77.95	-2,507.54	-51.79	536.61	427.82	108.80	4.932		
8,700.00	7,237.77	8,767.20	7,125.85	55.33	57.66	-77.92	-2,507.27	-151.77	535.18	422.56	112.62	4.752		
8,800.00	7,238.58	8,867.19	7,126.66	57.24	59.42	-77.89	-2,506.99	-251.76	533.74	417.16	116.59	4.578		
8,900.00	7,239.39	8,967.17	7,127.48	59.24	61.29	-77.86	-2,506.72	-351.74	532.31	411.63	120.68	4.411		
9,000.00	7,240.20	9,067.16	7,128.29	61.31	63.26	-77.82	-2,506.44	-451.73	530.87	405.98	124.89	4.251		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	9,167.15	7,129.11	63.46	65.32	-77.79	-2,506.17	-551.72	529.44	400.23	129.21	4.098		
9,200.00	7,241.81	9,267.14	7,129.92	65.67	67.45	-77.76	-2,505.89	-651.70	528.00	394.39	133.62	3.952		
9,300.00	7,242.62	9,367.13	7,130.73	67.93	69.65	-77.72	-2,505.62	-751.69	526.57	388.46	138.11	3.813		
9,400.00	7,243.43	9,467.12	7,131.55	70.25	71.90	-77.69	-2,505.34	-851.67	525.14	382.45	142.68	3.680		
9,500.00	7,244.24	9,567.11	7,132.36	72.60	74.20	-77.66	-2,505.07	-951.66	523.70	376.38	147.32	3.555		
9,600.00	7,245.04	9,667.10	7,133.17	74.99	76.55	-77.62	-2,504.79	-1,051.64	522.27	370.24	152.03	3.435		
9,700.00	7,245.85	9,767.09	7,133.99	77.42	78.93	-77.59	-2,504.52	-1,151.63	520.84	364.05	156.79	3.322		
9,800.00	7,246.66	9,867.08	7,134.80	79.87	81.35	-77.55	-2,504.24	-1,251.61	519.40	357.80	161.60	3.214		
9,900.00	7,247.47	9,967.07	7,135.61	82.36	83.81	-77.52	-2,503.97	-1,351.60	517.97	351.51	166.46	3.112		
10,000.00	7,248.28	10,067.06	7,136.43	84.87	86.29	-77.49	-2,503.70	-1,451.59	516.54	345.18	171.36	3.014		
10,100.00	7,249.08	10,167.05	7,137.24	87.40	88.79	-77.45	-2,503.42	-1,551.57	515.10	338.80	176.30	2.922		
10,200.00	7,249.89	10,267.04	7,138.05	89.95	91.32	-77.42	-2,503.15	-1,651.56	513.67	332.39	181.28	2.834		
10,300.00	7,250.70	10,367.02	7,138.87	92.52	93.87	-77.38	-2,502.87	-1,751.54	512.24	325.95	186.29	2.750		
10,400.00	7,251.51	10,467.01	7,139.68	95.11	96.44	-77.35	-2,502.60	-1,851.53	510.81	319.48	191.33	2.670		
10,500.00	7,252.31	10,567.00	7,140.50	97.71	99.02	-77.31	-2,502.32	-1,951.51	509.38	312.98	196.40	2.594		
10,600.00	7,253.12	10,666.99	7,141.31	100.33	101.62	-77.27	-2,502.05	-2,051.50	507.95	306.45	201.49	2.521		
10,700.00	7,253.93	10,766.98	7,142.12	102.96	104.24	-77.24	-2,501.77	-2,151.48	506.51	299.91	206.61	2.452		
10,800.00	7,254.74	10,866.97	7,142.94	105.61	106.87	-77.20	-2,501.50	-2,251.47	505.08	293.34	211.75	2.385		
10,900.00	7,255.55	10,966.96	7,143.75	108.26	109.51	-77.17	-2,501.22	-2,351.46	503.65	286.75	216.91	2.322		
11,000.00	7,256.35	11,066.95	7,144.56	110.92	112.16	-77.13	-2,500.95	-2,451.44	502.22	280.14	222.08	2.261		
11,100.00	7,257.16	11,166.94	7,145.38	113.60	114.83	-77.09	-2,500.67	-2,551.43	500.79	273.51	227.28	2.203		
11,200.00	7,257.97	11,266.93	7,146.19	116.28	117.50	-77.06	-2,500.40	-2,651.41	499.36	266.87	232.49	2.148		
11,300.00	7,258.78	11,366.92	7,147.00	118.97	120.18	-77.02	-2,500.13	-2,751.40	497.93	260.22	237.71	2.095		
11,400.00	7,259.58	11,466.91	7,147.82	121.67	122.87	-76.98	-2,499.85	-2,851.38	496.50	253.55	242.95	2.044		
11,500.00	7,260.39	11,566.90	7,148.63	124.38	125.57	-76.94	-2,499.58	-2,951.37	495.07	246.87	248.20	1.995		
11,600.00	7,261.20	11,666.88	7,149.44	127.09	128.28	-76.91	-2,499.30	-3,051.35	493.64	240.18	253.46	1.948		
11,700.00	7,262.01	11,766.87	7,150.26	129.81	130.99	-76.87	-2,499.03	-3,151.34	492.21	233.48	258.73	1.902		
11,800.00	7,262.82	11,866.86	7,151.07	132.53	133.71	-76.83	-2,498.75	-3,251.33	490.78	226.77	264.02	1.859		
11,900.00	7,263.62	11,966.85	7,151.89	135.26	136.43	-76.79	-2,498.48	-3,351.31	489.35	220.05	269.31	1.817		
12,000.00	7,264.43	12,066.84	7,152.70	138.00	139.16	-76.75	-2,498.20	-3,451.30	487.92	213.32	274.61	1.777		
12,100.00	7,265.24	12,166.83	7,153.51	140.74	141.90	-76.71	-2,497.93	-3,551.28	486.50	206.58	279.92	1.738		
12,200.00	7,266.05	12,266.82	7,154.33	143.49	144.64	-76.68	-2,497.65	-3,651.27	485.07	199.84	285.23	1.701		
12,300.00	7,266.86	12,366.81	7,155.14	146.24	147.38	-76.64	-2,497.38	-3,751.25	483.64	193.09	290.55	1.665		
12,400.00	7,267.66	12,466.80	7,155.95	148.99	150.13	-76.60	-2,497.10	-3,851.24	482.21	186.33	295.88	1.630		
12,500.00	7,268.47	12,566.79	7,156.77	151.75	152.89	-76.56	-2,496.83	-3,951.22	480.79	179.57	301.22	1.596		
12,600.00	7,269.28	12,666.78	7,157.58	154.51	155.65	-76.52	-2,496.56	-4,051.21	479.36	172.80	306.56	1.564		
12,700.00	7,270.09	12,766.77	7,158.39	157.27	158.41	-76.48	-2,496.28	-4,151.20	477.93	166.03	311.90	1.532		
12,800.00	7,270.89	12,866.76	7,159.21	160.04	161.17	-76.44	-2,496.01	-4,251.18	476.50	159.25	317.25	1.502		
12,900.00	7,271.70	12,966.75	7,160.02	162.81	163.94	-76.40	-2,495.73	-4,351.17	475.08	152.47	322.61	1.473 Level 3		
13,000.00	7,272.51	13,066.73	7,160.83	165.58	166.72	-76.35	-2,495.46	-4,451.15	473.65	145.69	327.97	1.444 Level 3		
13,100.00	7,273.32	13,166.72	7,161.65	168.36	169.49	-76.31	-2,495.18	-4,551.14	472.23	138.90	333.33	1.417 Level 3		
13,154.21	7,273.76	13,220.93	7,162.09	169.87	171.00	-76.29	-2,495.03	-4,605.34	471.45	135.22	336.24	1.402 Level 3, SF		
13,200.00	7,274.13	13,210.89	7,162.01	171.14	170.72	-76.29	-2,495.06	-4,595.30	474.10	139.91	334.19	1.419 Level 3		
13,300.00	7,274.93	13,210.89	7,162.01	173.92	170.72	-76.29	-2,495.06	-4,595.30	494.56	172.95	321.61	1.538		
13,400.00	7,275.74	13,210.89	7,162.01	176.71	170.72	-76.29	-2,495.06	-4,595.30	533.30	232.97	300.33	1.776		
13,500.00	7,276.55	13,210.89	7,162.01	179.49	170.72	-76.29	-2,495.06	-4,595.30	586.71	310.99	275.72	2.128		
13,555.88	7,277.00	13,210.89	7,162.01	181.05	170.72	-76.29	-2,495.06	-4,595.30	621.59	359.56	262.03	2.372		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	0.53	150.09	1.39	150.10					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	150.09	1.39	150.10	143.53	6.57	22.849		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	150.09	1.39	150.10	143.43	6.67	22.490 CC, ES		
300.00	299.98	299.99	299.97	3.44	3.44	-145.11	150.07	3.14	151.53	144.65	6.88	22.016		
400.00	399.84	399.82	399.66	3.59	3.60	-144.24	150.01	8.36	155.85	148.66	7.19	21.678		
500.00	499.45	499.35	498.80	3.79	3.80	-142.89	149.90	17.01	163.11	155.52	7.59	21.487		
600.00	598.70	598.40	597.12	4.04	4.05	-141.18	149.75	29.05	173.38	165.30	8.08	21.463		
700.00	697.47	696.85	694.37	4.32	4.33	-139.26	149.56	44.37	186.72	178.08	8.64	21.608		
800.00	795.62	794.55	790.29	4.64	4.64	-137.23	149.33	62.86	203.18	193.91	9.27	21.907		
900.00	893.06	890.11	885.25	5.01	5.05	-135.28	149.07	84.22	222.73	212.70	10.03	22.200		
1,000.00	989.64	989.32	980.19	5.41	5.37	-134.02	148.80	106.11	244.90	234.18	10.72	22.835		
1,100.00	1,085.27	1,086.25	1,074.64	5.85	5.77	-133.42	148.53	127.89	269.47	257.94	11.52	23.383		
1,200.00	1,179.82	1,182.55	1,168.48	6.33	6.18	-133.34	148.26	149.52	296.35	283.99	12.36	23.971		
1,300.00	1,273.78	1,278.49	1,261.98	6.85	6.60	-133.83	147.99	171.08	324.41	311.18	13.23	24.518		
1,400.00	1,367.75	1,374.44	1,355.47	7.38	7.04	-134.25	147.72	192.64	352.49	338.36	14.12	24.959		
1,500.00	1,461.72	1,470.39	1,448.97	7.93	7.48	-134.61	147.46	214.19	380.58	365.54	15.04	25.311		
1,600.00	1,555.69	1,566.34	1,542.46	8.49	7.93	-134.91	147.19	235.75	408.68	392.71	15.97	25.594		
1,700.00	1,649.66	1,662.29	1,635.96	9.07	8.39	-135.18	146.92	257.31	436.79	419.88	16.91	25.824		
1,800.00	1,743.63	1,758.24	1,729.45	9.65	8.85	-135.42	146.65	278.86	464.91	447.04	17.87	26.011		
1,900.00	1,837.60	1,854.19	1,822.95	10.24	9.32	-135.63	146.39	300.42	493.04	474.19	18.84	26.164		
2,000.00	1,931.57	1,950.13	1,916.44	10.83	9.79	-135.81	146.12	321.98	521.17	501.35	19.82	26.291		
2,100.00	2,025.54	2,046.08	2,009.94	11.43	10.26	-135.98	145.85	343.53	549.31	528.50	20.81	26.396		
2,200.00	2,119.51	2,142.03	2,103.43	12.03	10.74	-136.13	145.59	365.09	577.45	555.64	21.80	26.484		
2,300.00	2,213.48	2,237.98	2,196.93	12.64	11.22	-136.27	145.32	386.65	605.59	582.79	22.80	26.557		
2,400.00	2,307.45	2,333.93	2,290.42	13.25	11.70	-136.39	145.05	408.20	633.73	609.93	23.81	26.619		
2,500.00	2,401.42	2,429.88	2,383.92	13.87	12.18	-136.51	144.78	429.76	661.88	637.07	24.82	26.670		
2,600.00	2,495.39	2,525.83	2,477.41	14.48	12.67	-136.61	144.52	451.32	690.03	664.20	25.83	26.714		
2,700.00	2,589.35	2,621.77	2,570.91	15.10	13.15	-136.71	144.25	472.87	718.19	691.34	26.85	26.751		
2,800.00	2,683.32	2,717.72	2,664.40	15.72	13.64	-136.80	143.98	494.43	746.34	718.48	27.87	26.783		
2,900.00	2,777.29	2,813.67	2,757.90	16.34	14.13	-136.88	143.71	515.99	774.50	745.61	28.89	26.810		
3,000.00	2,871.26	2,909.62	2,851.39	16.97	14.62	-136.96	143.45	537.54	802.66	772.74	29.91	26.832		
3,100.00	2,965.23	3,005.57	2,944.89	17.59	15.11	-137.03	143.18	559.10	830.81	799.87	30.94	26.852		
3,200.00	3,059.20	3,101.52	3,038.39	18.22	15.61	-137.10	142.91	580.66	858.97	827.00	31.97	26.868		
3,300.00	3,153.17	3,202.53	3,131.88	18.84	16.13	-137.16	142.65	602.21	887.14	854.11	33.03	26.861		
3,400.00	3,247.14	3,306.59	3,225.38	19.47	16.66	-137.22	142.38	623.77	915.30	881.20	34.10	26.840		
3,500.00	3,341.11	3,389.36	3,318.87	20.10	17.09	-137.27	142.11	645.33	943.46	908.39	35.07	26.904		
3,600.00	3,435.08	3,485.31	3,412.37	20.73	17.58	-137.33	141.84	666.88	971.62	935.52	36.10	26.912		
3,700.00	3,529.05	3,581.26	3,505.86	21.36	18.08	-137.37	141.58	688.44	999.79	962.65	37.14	26.919		
3,800.00	3,623.02	3,677.21	3,599.36	21.99	18.58	-137.42	141.31	710.00	1,027.95	989.77	38.18	26.925		
3,900.00	3,716.99	3,773.16	3,692.85	22.62	19.07	-137.46	141.04	731.55	1,056.12	1,016.90	39.22	26.930		
4,000.00	3,810.95	3,869.10	3,786.35	23.25	19.57	-137.51	140.78	753.11	1,084.28	1,044.03	40.26	26.934		
4,100.00	3,904.92	3,965.05	3,879.84	23.88	20.07	-137.55	140.51	774.67	1,112.45	1,071.15	41.30	26.937		
4,200.00	3,998.89	4,061.00	3,973.34	24.52	20.57	-137.58	140.24	796.22	1,140.62	1,098.28	42.34	26.939		
4,300.00	4,092.86	4,156.95	4,066.83	25.15	21.06	-137.62	139.97	817.78	1,168.78	1,125.40	43.38	26.941		
4,400.00	4,186.83	4,252.90	4,160.33	25.78	21.56	-137.65	139.71	839.34	1,196.95	1,152.53	44.43	26.942		
4,500.00	4,280.80	4,348.85	4,253.82	26.42	22.06	-137.69	139.44	860.89	1,225.12	1,179.65	45.47	26.943		
4,600.00	4,374.77	4,444.80	4,347.32	27.05	22.56	-137.72	139.17	882.45	1,253.29	1,206.77	46.52	26.944		
4,700.00	4,468.74	4,540.74	4,440.81	27.68	23.06	-137.75	138.90	904.01	1,281.46	1,233.90	47.56	26.944		
4,800.00	4,562.71	4,636.69	4,534.31	28.32	23.56	-137.78	138.64	925.56	1,309.63	1,261.02	48.61	26.943		
4,900.00	4,656.68	4,732.64	4,627.80	28.95	24.06	-137.80	138.37	947.12	1,337.80	1,288.14	49.65	26.943		
5,000.00	4,750.65	4,828.59	4,721.30	29.59	24.56	-137.83	138.10	968.68	1,365.97	1,315.27	50.70	26.942		
5,100.00	4,844.62	4,924.54	4,814.79	30.23	25.06	-137.85	137.84	990.23	1,394.14	1,342.39	51.75	26.941		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	5,020.49	4,908.29	30.86	25.56	-137.88	137.57	1,011.79	1,422.31	1,369.51	52.80	26.940		
5,300.00	5,032.56	5,116.44	5,001.78	31.50	26.06	-137.90	137.30	1,033.35	1,450.48	1,396.63	53.84	26.938		
5,400.00	5,126.52	5,212.38	5,095.28	32.13	26.57	-137.92	137.03	1,054.90	1,478.65	1,423.75	54.89	26.937		
5,500.00	5,220.49	5,308.33	5,188.78	32.77	27.07	-137.95	136.77	1,076.46	1,506.82	1,450.88	55.94	26.935		
5,600.00	5,314.46	5,404.28	5,282.27	33.41	27.57	-137.97	136.50	1,098.02	1,534.99	1,478.00	56.99	26.934		
5,700.00	5,408.43	5,500.23	5,375.77	34.04	28.07	-137.99	136.23	1,119.57	1,563.16	1,505.12	58.04	26.932		
5,800.00	5,502.40	5,596.90	5,469.97	34.68	28.57	-138.01	135.96	1,141.26	1,591.33	1,532.23	59.10	26.927		
5,900.00	5,596.37	5,698.08	5,569.05	35.32	29.09	-138.11	135.71	1,161.76	1,619.30	1,559.12	60.18	26.909		
6,000.00	5,690.34	5,799.14	5,668.66	35.96	29.57	-138.34	135.50	1,178.73	1,646.98	1,585.77	61.21	26.906		
6,100.00	5,784.31	5,899.81	5,768.44	36.59	30.02	-138.68	135.33	1,192.14	1,674.40	1,612.19	62.21	26.917		
6,200.00	5,878.28	5,999.86	5,867.99	37.23	30.45	-139.13	135.21	1,201.98	1,701.61	1,638.46	63.16	26.943		
6,300.00	5,972.25	6,099.05	5,966.98	37.87	30.85	-139.69	135.13	1,208.30	1,728.70	1,664.63	64.06	26.984		
6,400.00	6,066.22	6,197.16	6,065.04	38.51	31.23	-140.33	135.10	1,211.18	1,755.73	1,690.80	64.93	27.042		
6,500.00	6,160.19	6,307.69	6,160.19	39.14	31.64	-141.01	135.09	1,211.39	1,782.84	1,717.05	65.79	27.099		
6,600.00	6,254.16	6,386.28	6,254.16	39.78	31.92	-141.68	135.09	1,211.39	1,810.18	1,743.65	66.53	27.208		
6,700.00	6,348.13	6,480.25	6,348.13	40.42	32.26	-142.33	135.09	1,211.39	1,837.75	1,770.42	67.33	27.294		
6,800.00	6,442.09	6,574.22	6,442.09	41.06	32.61	-142.95	135.09	1,211.39	1,865.54	1,797.41	68.13	27.381		
6,869.92	6,507.80	6,639.92	6,507.80	41.51	32.85	-143.38	135.09	1,211.39	1,885.10	1,816.41	68.69	27.443		
6,900.00	6,536.18	6,668.30	6,536.18	41.69	32.95	-151.12	135.09	1,211.39	1,893.60	1,824.66	68.93	27.470		
6,950.00	6,583.76	6,715.88	6,583.76	41.98	33.13	-165.81	135.09	1,211.39	1,907.93	1,838.60	69.33	27.520		
7,000.00	6,631.58	6,760.63	6,628.51	42.23	33.29	-178.12	135.12	1,210.93	1,922.43	1,852.74	69.69	27.586		
7,050.00	6,679.34	6,802.97	6,670.73	42.44	33.44	162.42	135.27	1,207.93	1,937.12	1,867.11	70.01	27.670		
7,100.00	6,726.76	6,845.22	6,712.57	42.62	33.59	148.68	135.56	1,202.14	1,951.90	1,881.58	70.32	27.757		
7,150.00	6,773.53	6,887.43	6,753.90	42.78	33.74	137.46	136.00	1,193.61	1,966.69	1,896.05	70.64	27.842		
7,200.00	6,819.38	6,929.67	6,794.60	42.91	33.91	128.55	136.57	1,182.34	1,981.39	1,910.43	70.97	27.921		
7,250.00	6,864.01	6,972.00	6,834.55	43.03	34.08	121.46	137.28	1,168.38	1,995.92	1,924.61	71.31	27.990		
7,300.00	6,907.16	7,014.48	6,873.61	43.14	34.26	115.77	138.12	1,151.74	2,010.19	1,938.51	71.68	28.045		
7,350.00	6,948.56	7,057.15	6,911.64	43.24	34.46	111.11	139.10	1,132.43	2,024.12	1,952.04	72.07	28.084		
7,400.00	6,987.94	7,100.08	6,948.52	43.35	34.67	107.24	140.22	1,110.49	2,037.61	1,965.11	72.51	28.102		
7,450.00	7,025.08	7,143.32	6,984.07	43.46	34.91	104.00	141.46	1,085.93	2,050.60	1,977.62	72.99	28.096		
7,500.00	7,059.73	7,186.93	7,018.16	43.57	35.16	101.26	142.84	1,058.78	2,063.01	1,989.50	73.51	28.063		
7,550.00	7,091.70	7,230.96	7,050.60	43.70	35.44	98.92	144.35	1,029.07	2,074.77	2,000.67	74.10	27.999		
7,600.00	7,120.77	7,275.44	7,081.21	43.84	35.75	96.94	145.99	996.85	2,085.80	2,011.05	74.75	27.904		
7,650.00	7,146.77	7,320.43	7,109.81	44.00	36.08	95.26	147.75	962.17	2,096.05	2,020.58	75.47	27.774		
7,700.00	7,169.54	7,365.97	7,136.18	44.18	36.46	93.85	149.63	925.10	2,105.46	2,029.19	76.26	27.609		
7,750.00	7,188.94	7,412.09	7,160.12	44.38	36.86	92.68	151.63	885.74	2,113.96	2,036.83	77.13	27.408		
7,800.00	7,204.85	7,458.82	7,181.39	44.61	37.31	91.74	153.74	844.21	2,121.51	2,043.43	78.08	27.171		
7,850.00	7,217.17	7,506.18	7,199.79	44.88	37.80	91.02	155.95	800.63	2,128.08	2,048.97	79.11	26.900		
7,900.00	7,225.83	7,554.19	7,215.07	45.17	38.33	90.50	158.25	755.18	2,133.60	2,053.39	80.21	26.599		
7,950.00	7,230.77	7,602.87	7,227.03	45.50	38.90	90.18	160.65	708.08	2,138.06	2,056.68	81.39	26.271		
7,985.49	7,232.00	7,637.82	7,233.37	45.75	39.33	90.07	162.39	673.75	2,140.57	2,058.31	82.26	26.023		
8,000.00	7,232.12	7,652.22	7,235.43	45.86	39.51	90.12	163.11	659.52	2,141.48	2,058.86	82.62	25.920		
8,100.00	7,232.93	7,752.69	7,241.03	46.71	40.82	90.25	168.19	559.42	2,147.75	2,062.52	85.24	25.198		
8,200.00	7,233.74	7,852.49	7,241.19	47.73	42.25	90.23	173.25	459.75	2,154.01	2,065.91	88.09	24.451		
8,300.00	7,234.54	7,952.29	7,241.36	48.94	43.82	90.21	178.31	360.07	2,160.27	2,069.05	91.21	23.684		
8,400.00	7,235.35	8,052.10	7,241.53	50.32	45.51	90.19	183.37	260.40	2,166.52	2,071.95	94.57	22.909		
8,500.00	7,236.16	8,151.90	7,241.69	51.86	47.31	90.18	188.43	160.73	2,172.78	2,074.63	98.15	22.137		
8,600.00	7,236.97	8,251.70	7,241.86	53.54	49.21	90.16	193.49	61.05	2,179.04	2,077.11	101.93	21.379		
8,700.00	7,237.77	8,351.50	7,242.02	55.33	51.21	90.14	198.55	-38.62	2,185.30	2,079.42	105.87	20.640		
8,800.00	7,238.58	8,451.30	7,242.19	57.24	53.28	90.12	203.61	-138.29	2,191.56	2,081.58	109.98	19.927		
8,900.00	7,239.39	8,551.10	7,242.36	59.24	55.43	90.11	208.67	-237.97	2,197.82	2,083.59	114.22	19.242		
9,000.00	7,240.20	8,650.91	7,242.52	61.31	57.63	90.09	213.73	-337.64	2,204.07	2,085.48	118.59	18.586		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
9,100.00	7,241.01	8,750.71	7,242.69	63.46	59.90	90.07	218.79	-437.31	2,210.33	2,087.27	123.07	17.960		
9,200.00	7,241.81	8,850.51	7,242.86	65.67	62.21	90.06	223.85	-536.99	2,216.59	2,088.95	127.64	17.365		
9,300.00	7,242.62	8,950.31	7,243.02	67.93	64.57	90.04	228.91	-636.66	2,222.85	2,090.54	132.31	16.800		
9,400.00	7,243.43	9,050.11	7,243.19	70.25	66.97	90.02	233.97	-736.33	2,229.11	2,092.06	137.06	16.264		
9,500.00	7,244.24	9,149.92	7,243.35	72.60	69.40	90.01	239.04	-836.01	2,235.37	2,093.50	141.87	15.756		
9,600.00	7,245.04	9,249.72	7,243.52	74.99	71.87	89.99	244.10	-935.68	2,241.63	2,094.88	146.75	15.275		
9,700.00	7,245.85	9,349.52	7,243.69	77.42	74.36	89.97	249.16	-1,035.35	2,247.89	2,096.20	151.69	14.819		
9,800.00	7,246.66	9,449.32	7,243.85	79.87	76.88	89.96	254.22	-1,135.03	2,254.15	2,097.47	156.69	14.386		
9,900.00	7,247.47	9,549.12	7,244.02	82.36	79.43	89.94	259.28	-1,234.70	2,260.41	2,098.69	161.73	13.977		
10,000.00	7,248.28	9,648.93	7,244.18	84.87	81.99	89.93	264.34	-1,334.37	2,266.67	2,099.86	166.81	13.588		
10,100.00	7,249.08	9,748.73	7,244.35	87.40	84.58	89.91	269.40	-1,434.05	2,272.93	2,101.00	171.94	13.220		
10,200.00	7,249.89	9,848.53	7,244.52	89.95	87.18	89.89	274.46	-1,533.72	2,279.19	2,102.10	177.10	12.870		
10,300.00	7,250.70	9,948.33	7,244.68	92.52	89.80	89.88	279.52	-1,633.39	2,285.46	2,103.17	182.29	12.538		
10,400.00	7,251.51	10,048.13	7,244.85	95.11	92.43	89.86	284.58	-1,733.07	2,291.72	2,104.21	187.51	12.222		
10,500.00	7,252.31	10,147.93	7,245.02	97.71	95.08	89.85	289.64	-1,832.74	2,297.98	2,105.21	192.76	11.921		
10,600.00	7,253.12	10,247.74	7,245.18	100.33	97.74	89.83	294.70	-1,932.41	2,304.24	2,106.20	198.04	11.635		
10,700.00	7,253.93	10,347.54	7,245.35	102.96	100.41	89.82	299.76	-2,032.09	2,310.50	2,107.16	203.34	11.363		
10,800.00	7,254.74	10,447.34	7,245.51	105.61	103.09	89.80	304.82	-2,131.76	2,316.76	2,108.10	208.67	11.103		
10,900.00	7,255.55	10,547.14	7,245.68	108.26	105.78	89.79	309.88	-2,231.43	2,323.03	2,109.02	214.01	10.855		
11,000.00	7,256.35	10,646.94	7,245.85	110.92	108.48	89.77	314.94	-2,331.11	2,329.29	2,109.92	219.37	10.618		
11,100.00	7,257.16	10,746.75	7,246.01	113.60	111.19	89.75	320.00	-2,430.78	2,335.55	2,110.80	224.75	10.392		
11,200.00	7,257.97	10,846.55	7,246.18	116.28	113.91	89.74	325.06	-2,530.45	2,341.81	2,111.67	230.15	10.175		
11,300.00	7,258.78	10,946.35	7,246.34	118.97	116.63	89.73	330.12	-2,630.13	2,348.08	2,112.52	235.56	9.968		
11,400.00	7,259.58	11,046.15	7,246.51	121.67	119.36	89.71	335.18	-2,729.80	2,354.34	2,113.36	240.98	9.770		
11,500.00	7,260.39	11,145.95	7,246.68	124.38	122.10	89.70	340.24	-2,829.47	2,360.60	2,114.18	246.42	9.580		
11,600.00	7,261.20	11,245.75	7,246.84	127.09	124.84	89.68	345.30	-2,929.15	2,366.87	2,115.00	251.87	9.397		
11,700.00	7,262.01	11,345.55	7,247.01	129.81	127.56	89.66	350.36	-3,028.83	2,373.10	2,115.82	257.30	9.217		
11,800.00	7,262.82	11,445.35	7,247.18	132.53	130.28	89.64	355.42	-3,128.51	2,379.31	2,116.64	262.73	9.040		
11,900.00	7,263.62	11,545.15	7,247.35	135.26	133.01	89.62	360.48	-3,228.19	2,385.52	2,117.46	268.16	8.867		
12,000.00	7,264.43	11,644.95	7,247.52	138.00	135.75	89.60	365.54	-3,327.87	2,391.73	2,118.28	273.59	8.697		
12,100.00	7,265.24	11,744.75	7,247.69	140.74	138.49	89.57	370.60	-3,427.55	2,397.94	2,119.10	279.02	8.532		
12,200.00	7,266.05	11,844.55	7,247.86	143.49	141.23	89.55	375.66	-3,527.23	2,404.15	2,120.00	284.45	8.371		
12,300.00	7,266.86	11,944.35	7,248.03	146.24	143.98	89.54	380.72	-3,626.91	2,410.36	2,120.90	289.88	8.214		
12,400.00	7,267.66	12,044.15	7,248.20	148.99	146.73	89.53	385.78	-3,726.59	2,416.57	2,121.80	295.31	8.061		
12,500.00	7,268.47	12,143.95	7,248.37	151.75	149.48	89.51	390.84	-3,826.27	2,422.78	2,122.70	300.74	7.911		
12,600.00	7,269.28	12,243.75	7,248.54	154.51	152.23	89.50	395.90	-3,925.95	2,428.99	2,123.60	306.17	7.764		
12,700.00	7,270.09	12,343.55	7,248.71	157.27	154.98	89.48	400.96	-4,025.63	2,435.20	2,124.50	311.60	7.621		
12,800.00	7,270.89	12,443.35	7,248.88	160.04	157.73	89.46	406.02	-4,125.31	2,441.41	2,125.40	317.03	7.482		
12,900.00	7,271.70	12,543.15	7,249.05	162.81	160.48	89.45	411.08	-4,225.00	2,447.62	2,126.30	322.46	7.347		
13,000.00	7,272.51	12,642.95	7,249.22	165.58	163.23	89.43	416.14	-4,324.68	2,453.83	2,127.20	327.89	7.216		
13,100.00	7,273.32	12,742.75	7,249.39	168.36	165.98	89.42	421.20	-4,424.37	2,460.04	2,128.10	333.32	7.089		
13,200.00	7,274.13	12,842.55	7,249.56	171.14	168.73	89.40	426.26	-4,524.05	2,466.25	2,129.00	338.75	6.966		
13,300.00	7,274.93	12,942.35	7,249.73	173.92	171.48	89.38	431.32	-4,623.73	2,472.46	2,130.00	344.18	6.847		
13,400.00	7,275.74	13,042.15	7,249.90	176.71	174.23	89.37	436.38	-4,723.42	2,478.67	2,131.00	349.61	6.732		
13,500.00	7,276.55	13,141.95	7,250.07	179.49	176.98	89.35	441.44	-4,823.10	2,484.88	2,132.00	355.04	6.621		
13,555.88	7,277.00	13,191.75	7,250.24	181.05	179.73	89.34	446.50	-4,922.79	2,491.09	2,133.00	360.47	6.514		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	0.48	165.03	1.39	165.03					
100.00	100.00	100.00	100.00	3.28	3.28	0.48	165.03	1.39	165.03	158.46	6.57	25.121		
200.00	200.00	200.00	200.00	3.34	3.34	0.48	165.03	1.39	165.03	158.36	6.67	24.727 CC, ES		
300.00	299.98	298.93	298.91	3.44	3.44	-145.20	165.32	3.07	166.79	159.90	6.88	24.233		
400.00	399.84	397.65	397.49	3.59	3.60	-144.45	166.21	8.10	172.06	164.87	7.19	23.932		
500.00	499.45	495.95	495.42	3.79	3.80	-143.29	167.68	16.43	180.89	173.30	7.59	23.829		
600.00	598.70	593.63	592.39	4.04	4.04	-141.84	169.72	27.98	193.31	185.24	8.08	23.936		
700.00	697.47	690.49	688.10	4.32	4.31	-140.22	172.30	42.64	209.37	200.73	8.64	24.246		
800.00	795.62	786.38	782.29	4.64	4.62	-138.52	175.41	60.28	229.06	219.80	9.26	24.741		
900.00	893.06	883.64	877.53	5.01	4.96	-137.17	178.84	79.72	251.87	241.93	9.94	25.336		
1,000.00	989.64	980.36	972.24	5.41	5.32	-136.45	182.25	99.06	277.21	266.54	10.67	25.974		
1,100.00	1,085.27	1,076.42	1,066.29	5.85	5.70	-136.23	185.63	118.26	305.00	293.55	11.45	26.647		
1,200.00	1,179.82	1,171.69	1,159.58	6.33	6.09	-136.37	188.99	137.30	335.21	322.95	12.25	27.353		
1,300.00	1,273.78	1,266.53	1,252.45	6.85	6.49	-137.04	192.33	156.25	366.66	353.57	13.09	28.011		
1,400.00	1,367.75	1,361.38	1,345.32	7.38	6.91	-137.61	195.68	175.21	398.15	384.21	13.95	28.550		
1,500.00	1,461.72	1,456.22	1,438.19	7.93	7.33	-138.10	199.02	194.17	429.68	414.85	14.82	28.988		
1,600.00	1,555.69	1,551.06	1,531.06	8.49	7.75	-138.52	202.36	213.12	461.22	445.51	15.72	29.347		
1,700.00	1,649.66	1,645.90	1,623.93	9.07	8.19	-138.88	205.70	232.08	492.79	476.16	16.62	29.642		
1,800.00	1,743.63	1,740.75	1,716.80	9.65	8.62	-139.21	209.05	251.04	524.37	506.83	17.55	29.886		
1,900.00	1,837.60	1,835.59	1,809.67	10.24	9.07	-139.49	212.39	269.99	555.97	537.49	18.48	30.091		
2,000.00	1,931.57	1,930.43	1,902.54	10.83	9.51	-139.75	215.73	288.95	587.57	568.16	19.42	30.262		
2,100.00	2,025.54	2,025.28	1,995.41	11.43	9.96	-139.98	219.07	307.91	619.19	598.83	20.36	30.407		
2,200.00	2,119.51	2,120.12	2,088.27	12.03	10.41	-140.18	222.42	326.87	650.82	629.50	21.32	30.530		
2,300.00	2,213.48	2,214.96	2,181.14	12.64	10.87	-140.37	225.76	345.82	682.45	660.17	22.28	30.635		
2,400.00	2,307.45	2,309.81	2,274.01	13.25	11.32	-140.54	229.10	364.78	714.08	690.84	23.24	30.725		
2,500.00	2,401.42	2,404.65	2,368.88	13.87	11.78	-140.70	232.44	383.74	745.73	721.52	24.21	30.803		
2,600.00	2,495.39	2,500.51	2,459.75	14.48	12.25	-140.84	235.79	402.69	777.37	752.19	25.19	30.864		
2,700.00	2,589.35	2,605.67	2,552.62	15.10	12.76	-140.97	239.13	421.65	809.02	782.81	26.21	30.863		
2,800.00	2,683.32	2,689.18	2,645.49	15.72	13.17	-141.09	242.47	440.61	840.68	813.54	27.14	30.979		
2,900.00	2,777.29	2,784.02	2,738.36	16.34	13.63	-141.21	245.81	459.56	872.34	844.22	28.12	31.023		
3,000.00	2,871.26	2,878.86	2,831.23	16.97	14.09	-141.31	249.16	478.52	904.00	874.89	29.10	31.062		
3,100.00	2,965.23	2,973.71	2,924.10	17.59	14.56	-141.41	252.50	497.48	935.66	905.57	30.09	31.096		
3,200.00	3,059.20	3,068.55	3,016.97	18.22	15.03	-141.50	255.84	516.43	967.33	936.25	31.08	31.126		
3,300.00	3,153.17	3,163.39	3,109.83	18.84	15.49	-141.59	259.19	535.39	998.99	966.93	32.07	31.152		
3,400.00	3,247.14	3,258.24	3,202.70	19.47	15.96	-141.67	262.53	554.35	1,030.66	997.60	33.06	31.176		
3,500.00	3,341.11	3,353.08	3,295.57	20.10	16.43	-141.75	265.87	573.30	1,062.33	1,028.28	34.05	31.197		
3,600.00	3,435.08	3,447.92	3,388.44	20.73	16.90	-141.82	269.21	592.26	1,094.01	1,058.96	35.05	31.215		
3,700.00	3,529.05	3,542.76	3,481.31	21.36	17.37	-141.89	272.56	611.22	1,125.68	1,089.64	36.04	31.231		
3,800.00	3,623.02	3,637.61	3,574.18	21.99	17.84	-141.95	275.90	630.17	1,157.36	1,120.32	37.04	31.246		
3,900.00	3,716.99	3,732.45	3,667.05	22.62	18.31	-142.01	279.24	649.13	1,189.03	1,150.99	38.04	31.258		
4,000.00	3,810.95	3,827.29	3,759.92	23.25	18.78	-142.07	282.58	668.09	1,220.71	1,181.67	39.04	31.270		
4,100.00	3,904.92	3,922.14	3,852.79	23.88	19.26	-142.12	285.93	687.04	1,252.39	1,212.35	40.04	31.280		
4,200.00	3,998.89	4,016.98	3,945.66	24.52	19.73	-142.17	289.27	706.00	1,284.07	1,243.03	41.04	31.289		
4,300.00	4,092.86	4,111.82	4,038.53	25.15	20.20	-142.22	292.61	724.96	1,315.75	1,273.71	42.04	31.297		
4,400.00	4,186.83	4,206.67	4,131.39	25.78	20.67	-142.27	295.95	743.91	1,347.43	1,304.39	43.04	31.304		
4,500.00	4,280.80	4,301.51	4,224.26	26.42	21.15	-142.32	299.30	762.87	1,379.12	1,335.07	44.05	31.311		
4,600.00	4,374.77	4,403.65	4,317.13	27.05	21.66	-142.36	302.64	781.83	1,410.80	1,365.71	45.09	31.291		
4,700.00	4,468.74	4,508.81	4,410.00	27.68	22.18	-142.40	305.98	800.78	1,442.48	1,396.34	46.14	31.261		
4,800.00	4,562.71	4,586.04	4,502.87	28.32	22.57	-142.44	309.32	819.74	1,474.17	1,427.11	47.06	31.326		
4,900.00	4,656.68	4,680.88	4,595.74	28.95	23.04	-142.48	312.67	838.70	1,505.85	1,457.79	48.07	31.329		
5,000.00	4,750.65	4,775.72	4,688.61	29.59	23.52	-142.51	316.01	857.65	1,537.54	1,488.47	49.07	31.333		
5,100.00	4,844.62	4,870.57	4,781.48	30.23	23.99	-142.55	319.35	876.61	1,569.22	1,519.15	50.08	31.336		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,965.41	4,874.35	30.86	24.47	-142.58	322.69	895.57	1,600.91	1,549.83	51.08	31.338		
5,300.00	5,032.56	5,060.25	4,967.22	31.50	24.94	-142.61	326.04	914.52	1,632.60	1,580.51	52.09	31.341		
5,400.00	5,126.52	5,155.10	5,060.09	32.13	25.42	-142.64	329.38	933.48	1,664.29	1,611.19	53.10	31.342		
5,500.00	5,220.49	5,249.94	5,152.95	32.77	25.89	-142.67	332.72	952.44	1,695.97	1,641.87	54.11	31.344		
5,600.00	5,314.46	5,344.78	5,245.82	33.41	26.37	-142.70	336.06	971.39	1,727.66	1,672.55	55.12	31.345		
5,700.00	5,408.43	5,438.62	5,338.69	34.04	26.84	-142.73	339.41	990.35	1,759.35	1,703.23	56.13	31.346		
5,800.00	5,502.40	5,534.47	5,431.56	34.68	27.32	-142.75	342.75	1,009.31	1,791.04	1,733.91	57.14	31.347		
5,900.00	5,596.37	5,629.31	5,524.43	35.32	27.79	-142.78	346.09	1,028.26	1,822.73	1,764.59	58.14	31.348		
6,000.00	5,690.34	5,724.15	5,617.30	35.96	28.27	-142.80	349.43	1,047.22	1,854.42	1,795.27	59.15	31.348		
6,100.00	5,784.31	5,819.00	5,710.17	36.59	28.75	-142.83	352.78	1,066.18	1,886.11	1,825.94	60.17	31.349		
6,200.00	5,878.28	5,913.84	5,803.04	37.23	29.22	-142.85	356.12	1,085.13	1,917.80	1,856.62	61.18	31.349		
6,300.00	5,972.25	6,008.68	5,895.91	37.87	29.70	-142.87	359.46	1,104.09	1,949.49	1,887.30	62.19	31.349		
6,400.00	6,066.22	6,103.53	5,988.78	38.51	30.18	-142.89	362.81	1,123.05	1,981.18	1,917.98	63.20	31.349		
6,500.00	6,160.19	6,201.63	6,081.65	39.14	30.67	-142.92	366.15	1,142.00	2,012.87	1,948.65	64.23	31.341		
6,600.00	6,254.16	6,306.79	6,174.51	39.78	31.20	-142.94	369.49	1,160.96	2,044.56	1,979.28	65.29	31.315		
6,700.00	6,348.13	6,388.05	6,267.38	40.42	31.61	-142.96	372.83	1,179.92	2,076.26	2,010.02	66.23	31.348		
6,800.00	6,442.09	6,482.90	6,360.25	41.06	32.08	-142.97	376.18	1,198.87	2,107.95	2,040.70	67.25	31.347		
6,869.92	6,507.80	6,547.72	6,424.17	41.51	32.39	-143.06	378.53	1,209.26	2,130.13	2,062.22	67.91	31.366		
6,900.00	6,536.18	6,575.28	6,451.60	41.69	32.51	-150.82	379.58	1,211.71	2,139.74	2,071.57	68.17	31.387		
6,950.00	6,583.76	6,620.81	6,497.06	41.98	32.69	-165.65	381.38	1,213.14	2,155.96	2,087.39	68.57	31.441		
7,000.00	6,631.58	6,666.06	6,542.23	42.23	32.85	-178.05	383.23	1,211.35	2,172.38	2,103.44	68.93	31.514		
7,050.00	6,679.34	6,711.09	6,586.93	42.44	33.02	162.11	385.13	1,206.38	2,188.89	2,119.62	69.27	31.598		
7,100.00	6,726.76	6,755.97	6,631.02	42.62	33.18	148.14	387.07	1,198.30	2,205.40	2,135.80	69.60	31.687		
7,150.00	6,773.53	6,800.76	6,674.35	42.78	33.35	136.69	389.04	1,187.15	2,221.80	2,151.87	69.93	31.773		
7,200.00	6,819.38	6,845.54	6,716.78	42.91	33.53	127.57	391.04	1,172.98	2,237.98	2,167.71	70.26	31.851		
7,250.00	6,864.01	6,890.37	6,758.14	43.03	33.72	120.29	393.06	1,155.85	2,253.85	2,183.23	70.62	31.916		
7,300.00	6,907.16	6,935.30	6,798.28	43.14	33.92	114.40	395.08	1,135.80	2,269.31	2,198.31	70.99	31.966		
7,350.00	6,948.56	6,980.38	6,837.05	43.24	34.13	109.57	397.11	1,112.88	2,284.26	2,212.86	71.40	31.994		
7,400.00	6,987.94	7,025.68	6,874.26	43.35	34.37	105.55	399.14	1,087.14	2,298.61	2,226.78	71.84	31.998		
7,450.00	7,025.08	7,071.24	6,909.74	43.46	34.62	102.17	401.15	1,058.65	2,312.28	2,239.97	72.32	31.974		
7,500.00	7,059.73	7,117.08	6,943.29	43.57	34.90	99.30	403.15	1,027.49	2,325.19	2,252.34	72.85	31.918		
7,550.00	7,091.70	7,163.26	6,974.74	43.70	35.21	96.85	405.10	993.75	2,337.24	2,263.81	73.44	31.827		
7,600.00	7,120.77	7,209.78	7,003.86	43.84	35.55	94.77	407.02	957.53	2,348.39	2,274.30	74.09	31.697		
7,650.00	7,146.77	7,256.68	7,030.46	44.00	35.92	93.00	408.89	918.96	2,358.54	2,283.73	74.81	31.527		
7,700.00	7,169.54	7,303.96	7,054.33	44.18	36.33	91.52	410.69	878.21	2,367.65	2,292.04	75.61	31.314		
7,750.00	7,188.94	7,351.62	7,075.27	44.38	36.78	90.29	412.41	835.44	2,375.65	2,299.17	76.49	31.059		
7,800.00	7,204.85	7,399.66	7,093.07	44.61	37.26	89.31	414.04	790.86	2,382.51	2,305.06	77.44	30.764		
7,850.00	7,217.17	7,448.06	7,107.56	44.88	37.79	88.55	415.58	744.72	2,388.17	2,309.69	78.48	30.430		
7,900.00	7,225.83	7,496.80	7,118.57	45.17	38.35	88.00	417.00	697.27	2,392.60	2,313.02	79.59	30.063		
7,950.00	7,230.77	7,545.85	7,125.96	45.50	38.94	87.66	418.29	648.81	2,395.78	2,315.02	80.76	29.667		
7,985.49	7,232.00	7,580.84	7,128.94	45.75	39.38	87.55	419.13	613.97	2,397.26	2,315.64	81.62	29.371		
8,000.00	7,232.12	7,595.18	7,129.60	45.86	39.56	87.56	419.45	599.64	2,397.74	2,315.76	81.98	29.249		
8,100.00	7,232.93	7,705.08	7,130.15	46.71	41.04	87.56	421.53	499.93	2,401.02	2,316.27	84.74	28.333		
8,200.00	7,233.74	7,794.87	7,130.34	47.73	42.38	87.55	423.60	400.00	2,404.30	2,316.79	87.52	27.473		
8,300.00	7,234.54	7,905.19	7,130.54	48.94	44.18	87.54	425.66	300.08	2,407.58	2,316.71	90.87	26.494		
8,400.00	7,235.35	8,005.24	7,130.73	50.32	45.94	87.53	427.73	200.16	2,410.87	2,316.56	94.31	25.564		
8,500.00	7,236.16	8,105.30	7,130.93	51.86	47.80	87.52	429.80	100.23	2,414.15	2,316.19	97.96	24.645		
8,600.00	7,236.97	8,205.35	7,131.12	53.54	49.76	87.50	431.87	0.31	2,417.43	2,315.64	101.79	23.748		
8,700.00	7,237.77	8,294.59	7,131.31	55.33	51.58	87.49	433.93	-99.61	2,420.72	2,315.14	105.58	22.928		
8,800.00	7,238.58	8,405.46	7,131.51	57.24	53.93	87.48	436.00	-199.54	2,424.00	2,314.04	109.96	22.044		
8,900.00	7,239.39	8,505.52	7,131.70	59.24	56.12	87.47	438.07	-299.46	2,427.28	2,313.03	114.26	21.244		
9,000.00	7,240.20	8,605.57	7,131.89	61.31	58.36	87.46	440.13	-399.38	2,430.57	2,311.90	118.67	20.482		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	8,705.63	7,132.09	63.46	60.66	87.45	442.20	-499.31	2,433.85	2,310.66	123.19	19.757		
9,200.00	7,241.81	8,805.68	7,132.28	65.67	63.01	87.44	444.27	-599.23	2,437.13	2,309.33	127.81	19.069		
9,300.00	7,242.62	8,905.74	7,132.48	67.93	65.39	87.43	446.34	-699.15	2,440.42	2,307.91	132.51	18.417		
9,400.00	7,243.43	8,994.21	7,132.67	70.25	67.54	87.42	448.40	-799.08	2,443.70	2,306.69	137.01	17.836		
9,500.00	7,244.24	9,105.85	7,132.86	72.60	70.28	87.41	450.47	-899.00	2,446.99	2,304.85	142.14	17.216		
9,600.00	7,245.04	9,205.90	7,133.06	74.99	72.76	87.39	452.54	-998.92	2,450.27	2,303.22	147.05	16.663		
9,700.00	7,245.85	9,305.96	7,133.25	77.42	75.28	87.38	454.60	-1,098.85	2,453.55	2,301.54	152.01	16.140		
9,800.00	7,246.66	9,406.01	7,133.44	79.87	77.82	87.37	456.67	-1,198.77	2,456.84	2,299.81	157.03	15.645		
9,900.00	7,247.47	9,493.93	7,133.64	82.36	80.07	87.36	458.74	-1,298.69	2,460.12	2,298.34	161.78	15.206		
10,000.00	7,248.28	9,606.12	7,133.83	84.87	82.96	87.35	460.81	-1,398.62	2,463.41	2,296.21	167.20	14.733		
10,100.00	7,249.08	9,706.18	7,134.03	87.40	85.56	87.34	462.87	-1,498.54	2,466.69	2,294.35	172.34	14.313		
10,200.00	7,249.89	9,806.23	7,134.22	89.95	88.17	87.33	464.94	-1,598.46	2,469.97	2,292.45	177.52	13.914		
10,300.00	7,250.70	9,906.29	7,134.41	92.52	90.81	87.32	467.01	-1,698.39	2,473.26	2,290.53	182.73	13.535		
10,400.00	7,251.51	10,006.34	7,134.61	95.11	93.45	87.31	469.07	-1,798.31	2,476.54	2,288.57	187.97	13.175		
10,500.00	7,252.31	10,106.40	7,134.80	97.71	96.11	87.30	471.14	-1,898.23	2,479.83	2,286.59	193.24	12.833		
10,600.00	7,253.12	10,193.55	7,134.99	100.33	98.43	87.29	473.21	-1,998.16	2,483.11	2,284.93	198.19	12.529		
10,700.00	7,253.93	10,306.51	7,135.19	102.96	101.46	87.28	475.28	-2,098.08	2,486.40	2,282.55	203.84	12.198		
10,800.00	7,254.74	10,406.56	7,135.38	105.61	104.15	87.27	477.34	-2,198.00	2,489.68	2,280.50	209.18	11.902		
10,900.00	7,255.55	10,506.62	7,135.58	108.26	106.85	87.26	479.41	-2,297.93	2,492.97	2,278.43	214.53	11.620		
11,000.00	7,256.35	10,606.67	7,135.77	110.92	109.56	87.24	481.48	-2,397.85	2,496.25	2,276.35	219.91	11.351		
11,100.00	7,257.16	10,706.73	7,135.96	113.60	112.27	87.23	483.54	-2,497.77	2,499.54	2,274.24	225.30	11.094		
11,200.00	7,257.97	10,806.78	7,136.16	116.28	115.00	87.22	485.61	-2,597.70	2,502.82	2,272.12	230.70	10.849		
11,300.00	7,258.78	10,906.84	7,136.35	118.97	117.73	87.21	487.68	-2,697.62	2,506.11	2,269.99	236.12	10.614		
11,400.00	7,259.58	11,006.89	7,136.54	121.67	120.47	87.20	489.75	-2,797.54	2,509.39	2,267.84	241.55	10.389		
11,500.00	7,260.39	11,106.95	7,136.74	124.38	123.21	87.19	491.81	-2,897.47	2,512.68	2,265.68	247.00	10.173		
11,600.00	7,261.20	11,207.00	7,136.93	127.09	125.96	87.18	493.88	-2,997.39	2,515.97	2,263.51	252.46	9.966		
11,700.00	7,262.01	11,307.06	7,137.13	129.81	128.71	87.17	495.95	-3,097.31	2,519.25	2,261.33	257.92	9.767		
11,800.00	7,262.82	11,407.11	7,137.32	132.53	131.47	87.16	498.01	-3,197.24	2,522.54	2,259.13	263.40	9.577		
11,900.00	7,263.62	11,507.17	7,137.51	135.26	134.23	87.15	500.08	-3,297.16	2,525.82	2,256.93	268.89	9.393		
12,000.00	7,264.43	11,592.78	7,137.71	138.00	136.60	87.14	502.15	-3,397.08	2,529.11	2,255.12	273.99	9.231		
12,100.00	7,265.24	11,707.28	7,137.90	140.74	139.77	87.13	504.22	-3,497.01	2,532.40	2,252.50	279.90	9.048		
12,200.00	7,266.05	11,807.33	7,138.10	143.49	142.55	87.12	506.28	-3,596.93	2,535.68	2,250.27	285.41	8.884		
12,300.00	7,266.86	11,907.39	7,138.29	146.24	145.32	87.11	508.35	-3,696.86	2,538.97	2,248.04	290.93	8.727		
12,400.00	7,267.66	12,007.44	7,138.48	148.99	148.11	87.10	510.42	-3,796.78	2,542.25	2,245.79	296.46	8.575		
12,500.00	7,268.47	12,107.50	7,138.68	151.75	150.89	87.09	512.48	-3,896.70	2,545.54	2,243.54	302.00	8.429		
12,600.00	7,269.28	12,207.55	7,138.87	154.51	153.68	87.08	514.55	-3,996.63	2,548.83	2,241.29	307.54	8.288		
12,700.00	7,270.09	12,307.61	7,139.06	157.27	156.47	87.07	516.62	-4,096.55	2,552.11	2,239.03	313.09	8.151		
12,800.00	7,270.89	12,407.66	7,139.26	160.04	159.26	87.06	518.69	-4,196.47	2,555.40	2,236.76	318.64	8.020		
12,900.00	7,271.70	12,507.72	7,139.45	162.81	162.06	87.05	520.75	-4,296.40	2,558.69	2,234.49	324.20	7.892		
13,000.00	7,272.51	12,607.77	7,139.65	165.58	164.86	87.04	522.82	-4,396.32	2,561.97	2,232.21	329.76	7.769		
13,100.00	7,273.32	12,707.83	7,139.84	168.36	167.66	87.03	524.89	-4,496.24	2,565.26	2,229.93	335.33	7.650		
13,200.00	7,274.13	12,807.88	7,140.03	171.14	170.47	87.02	526.95	-4,596.17	2,568.55	2,227.64	340.91	7.534		
13,300.00	7,274.93	12,907.94	7,140.23	173.92	173.27	87.01	529.02	-4,696.09	2,571.83	2,225.35	346.49	7.423		
13,400.00	7,275.74	12,992.01	7,140.42	176.71	175.63	87.00	531.09	-4,796.01	2,575.12	2,223.50	351.62	7.324		
13,500.00	7,276.55	13,108.05	7,140.61	179.49	178.89	86.99	533.16	-4,895.94	2,578.41	2,220.75	357.66	7.209		
13,555.88	7,277.00	13,147.80	7,140.72	181.05	180.01	86.99	534.31	-4,951.78	2,580.25	2,219.92	360.33	7.161 SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-46.55	1,607.01	-1,696.57	2,336.84					
100.00	100.00	104.00	96.00	3.28	3.78	-46.55	1,607.01	-1,696.57	2,336.84	2,329.77	7.07	330.630		
200.00	200.00	204.00	196.00	3.34	6.30	-46.55	1,607.01	-1,696.57	2,336.84	2,327.21	9.63	242.543 CC		
300.00	299.98	304.02	295.98	3.44	9.46	167.50	1,607.01	-1,696.57	2,338.54	2,325.65	12.90	181.346 ES		
400.00	399.84	404.16	395.84	3.59	12.79	167.51	1,607.01	-1,696.57	2,343.65	2,327.27	16.38	143.038		
500.00	499.45	504.55	495.45	3.79	16.20	167.52	1,607.01	-1,696.57	2,352.16	2,332.17	20.00	117.620		
600.00	598.70	605.30	594.70	4.04	19.66	167.53	1,607.01	-1,696.57	2,364.07	2,340.37	23.70	99.757		
700.00	697.47	706.53	693.47	4.32	23.15	167.55	1,607.01	-1,696.57	2,379.35	2,351.88	27.47	86.618		
800.00	795.62	808.38	791.62	4.64	26.68	167.56	1,607.01	-1,696.57	2,398.00	2,366.69	31.30	76.603		
900.00	893.06	889.06	889.06	5.01	29.47	167.58	1,607.01	-1,696.57	2,419.99	2,385.55	34.44	70.270		
1,000.00	989.64	985.64	985.64	5.41	32.83	167.60	1,607.01	-1,696.57	2,445.31	2,407.15	38.15	64.093		
1,100.00	1,085.27	1,081.27	1,081.27	5.85	36.15	167.62	1,607.01	-1,696.57	2,473.92	2,432.06	41.86	59.104		
1,200.00	1,179.82	1,175.82	1,175.82	6.33	39.44	167.63	1,607.01	-1,696.57	2,505.79	2,460.25	45.54	55.018		
1,300.00	1,273.78	1,269.78	1,269.78	6.85	42.71	167.80	1,607.01	-1,696.57	2,539.30	2,490.08	49.22	51.587		
1,400.00	1,367.75	1,363.75	1,363.75	7.38	45.98	167.96	1,607.01	-1,696.57	2,572.83	2,519.92	52.91	48.626		
1,500.00	1,461.72	1,457.72	1,457.72	7.93	49.25	168.11	1,607.01	-1,696.57	2,606.37	2,549.76	56.61	46.041		
1,600.00	1,555.69	1,551.69	1,551.69	8.49	52.53	168.27	1,607.01	-1,696.57	2,639.93	2,579.61	60.32	43.766		
1,700.00	1,649.66	1,645.66	1,645.66	9.07	55.80	168.42	1,607.01	-1,696.57	2,673.51	2,609.47	64.04	41.749		
1,800.00	1,743.63	1,739.63	1,739.63	9.65	59.08	168.56	1,607.01	-1,696.57	2,707.10	2,639.34	67.76	39.949		
1,900.00	1,837.60	1,833.60	1,833.60	10.24	62.35	168.70	1,607.01	-1,696.57	2,740.71	2,669.21	71.50	38.334		
2,000.00	1,931.57	1,927.57	1,927.57	10.83	65.63	168.84	1,607.01	-1,696.57	2,774.33	2,699.10	75.23	36.877		
2,100.00	2,025.54	2,021.54	2,021.54	11.43	68.90	168.97	1,607.01	-1,696.57	2,807.96	2,728.99	78.97	35.555		
2,200.00	2,119.51	2,115.51	2,115.51	12.03	72.18	169.11	1,607.01	-1,696.57	2,841.61	2,758.89	82.72	34.352		
2,300.00	2,213.48	2,209.48	2,209.48	12.64	75.46	169.23	1,607.01	-1,696.57	2,875.28	2,788.81	86.47	33.252		
2,400.00	2,307.45	2,303.45	2,303.45	13.25	78.74	169.36	1,607.01	-1,696.57	2,908.95	2,818.73	90.22	32.242		
2,500.00	2,401.42	2,402.58	2,397.42	13.87	82.19	169.48	1,607.01	-1,696.57	2,942.64	2,848.48	94.16	31.253		
2,600.00	2,495.39	2,508.61	2,491.39	14.48	85.89	169.60	1,607.01	-1,696.57	2,976.34	2,878.00	98.33	30.268		
2,700.00	2,589.35	2,585.35	2,585.35	15.10	88.57	169.72	1,607.01	-1,696.57	3,010.05	2,908.56	101.49	29.658		
2,800.00	2,683.32	2,679.32	2,679.32	15.72	91.85	169.83	1,607.01	-1,696.57	3,043.77	2,938.52	105.25	28.919		
2,900.00	2,777.29	2,773.29	2,773.29	16.34	95.13	169.95	1,607.01	-1,696.57	3,077.50	2,968.49	109.01	28.230		
3,000.00	2,871.26	2,867.26	2,867.26	16.97	98.41	170.06	1,607.01	-1,696.57	3,111.24	2,998.47	112.78	27.588		
3,100.00	2,965.23	2,961.23	2,961.23	17.59	101.68	170.16	1,607.01	-1,696.57	3,145.00	3,028.45	116.54	26.986		
3,200.00	3,059.20	3,055.20	3,055.20	18.22	104.96	170.27	1,607.01	-1,696.57	3,178.76	3,058.45	120.31	26.422		
3,300.00	3,153.17	3,149.17	3,149.17	18.84	108.24	170.37	1,607.01	-1,696.57	3,212.53	3,088.45	124.07	25.892		
3,400.00	3,247.14	3,243.14	3,243.14	19.47	111.52	170.47	1,607.01	-1,696.57	3,246.31	3,118.47	127.84	25.393		
3,500.00	3,341.11	3,337.11	3,337.11	20.10	114.80	170.57	1,607.01	-1,696.57	3,280.10	3,148.49	131.61	24.923		
3,600.00	3,435.08	3,431.08	3,431.08	20.73	118.08	170.67	1,607.01	-1,696.57	3,313.89	3,178.51	135.38	24.478		
3,700.00	3,529.05	3,525.05	3,525.05	21.36	121.36	170.76	1,607.01	-1,696.57	3,347.70	3,208.55	139.15	24.058		
3,800.00	3,623.02	3,619.02	3,619.02	21.99	124.64	170.86	1,607.01	-1,696.57	3,381.51	3,238.59	142.92	23.660		
3,900.00	3,716.99	3,712.99	3,712.99	22.62	127.92	170.95	1,607.01	-1,696.57	3,415.33	3,268.64	146.69	23.282		
4,000.00	3,810.95	3,806.95	3,806.95	23.25	131.20	171.04	1,607.01	-1,696.57	3,449.16	3,298.70	150.46	22.924		
4,100.00	3,904.92	3,900.92	3,900.92	23.88	134.48	171.12	1,607.01	-1,696.57	3,483.00	3,328.76	154.24	22.582		
4,200.00	3,998.89	4,005.11	3,994.89	24.52	138.11	171.21	1,607.01	-1,696.57	3,516.84	3,358.48	158.36	22.207		
4,300.00	4,092.86	4,088.86	4,088.86	25.15	141.04	171.29	1,607.01	-1,696.57	3,550.69	3,388.91	161.78	21.947		
4,400.00	4,186.83	4,182.83	4,182.83	25.78	144.31	171.38	1,607.01	-1,696.57	3,584.55	3,418.99	165.56	21.652		
4,500.00	4,280.80	4,276.80	4,276.80	26.42	147.59	171.46	1,607.01	-1,696.57	3,618.41	3,449.08	169.33	21.369		
4,600.00	4,374.77	4,370.77	4,370.77	27.05	150.87	171.54	1,607.01	-1,696.57	3,652.28	3,479.18	173.10	21.099		
4,700.00	4,468.74	4,464.74	4,464.74	27.68	154.15	171.62	1,607.01	-1,696.57	3,686.16	3,509.28	176.88	20.840		
4,800.00	4,562.71	4,558.71	4,558.71	28.32	157.43	171.69	1,607.01	-1,696.57	3,720.04	3,539.39	180.65	20.592		
4,900.00	4,656.68	4,652.68	4,652.68	28.95	160.71	171.77	1,607.01	-1,696.57	3,753.93	3,569.50	184.43	20.354		
5,000.00	4,750.65	4,746.65	4,746.65	29.59	163.99	171.84	1,607.01	-1,696.57	3,787.82	3,599.62	188.20	20.126		
5,100.00	4,844.62	4,840.62	4,840.62	30.23	167.27	171.91	1,607.01	-1,696.57	3,821.72	3,629.74	191.98	19.907		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,934.59	4,934.59	30.86	170.55	171.99	1,607.01	-1,696.57	3,855.62	3,659.87	195.76	19.696		
5,300.00	5,032.56	5,028.56	5,028.56	31.50	173.83	172.06	1,607.01	-1,696.57	3,889.53	3,690.00	199.53	19.493		
5,400.00	5,126.52	5,122.52	5,122.52	32.13	177.11	172.12	1,607.01	-1,696.57	3,923.45	3,720.14	203.31	19.298		
5,500.00	5,220.49	5,216.49	5,216.49	32.77	180.39	172.19	1,607.01	-1,696.57	3,957.36	3,750.28	207.08	19.110		
5,600.00	5,314.46	5,310.46	5,310.46	33.41	183.67	172.26	1,607.01	-1,696.57	3,991.29	3,780.43	210.86	18.928		
5,700.00	5,408.43	5,404.43	5,404.43	34.04	186.95	172.32	1,607.01	-1,696.57	4,025.22	3,810.58	214.64	18.753		
5,800.00	5,502.40	5,501.60	5,498.40	34.68	190.34	172.39	1,607.01	-1,696.57	4,059.15	3,840.62	218.53	18.575		
5,900.00	5,596.37	5,607.63	5,592.37	35.32	194.04	172.45	1,607.01	-1,696.57	4,093.09	3,870.36	222.73	18.377		
6,000.00	5,690.34	5,686.34	5,686.34	35.96	196.79	172.51	1,607.01	-1,696.57	4,127.03	3,901.06	225.97	18.264		
6,100.00	5,784.31	5,780.31	5,780.31	36.59	200.07	172.58	1,607.01	-1,696.57	4,160.98	3,931.23	229.75	18.111		
6,200.00	5,878.28	5,874.28	5,874.28	37.23	203.35	172.64	1,607.01	-1,696.57	4,194.93	3,961.40	233.53	17.963		
6,300.00	5,972.25	5,968.25	5,968.25	37.87	206.63	172.70	1,607.01	-1,696.57	4,228.88	3,991.58	237.31	17.820		
6,400.00	6,066.22	6,062.22	6,062.22	38.51	209.91	172.75	1,607.01	-1,696.57	4,262.84	4,021.76	241.08	17.682		
6,500.00	6,160.19	6,156.19	6,156.19	39.14	213.19	172.81	1,607.01	-1,696.57	4,296.80	4,051.94	244.86	17.548		
6,600.00	6,254.16	6,250.16	6,250.16	39.78	216.47	172.87	1,607.01	-1,696.57	4,330.77	4,082.13	248.64	17.418		
6,700.00	6,348.13	6,344.13	6,344.13	40.42	219.75	172.92	1,607.01	-1,696.57	4,364.74	4,112.32	252.42	17.292		
6,800.00	6,442.09	6,438.09	6,438.09	41.06	223.03	172.98	1,607.01	-1,696.57	4,398.71	4,142.51	256.20	17.169		
6,869.92	6,507.80	6,503.80	6,503.80	41.51	225.33	173.02	1,607.01	-1,696.57	4,422.47	4,163.63	258.84	17.086		
6,900.00	6,536.18	6,532.18	6,532.18	41.69	226.32	165.54	1,607.01	-1,696.57	4,432.27	4,172.29	259.98	17.048		
6,950.00	6,583.76	6,579.76	6,579.76	41.98	227.98	151.40	1,607.01	-1,696.57	4,446.64	4,184.76	261.88	16.980		
7,000.00	6,631.58	6,627.58	6,627.58	42.23	229.65	136.03	1,607.01	-1,696.57	4,458.57	4,194.79	263.78	16.903		
7,050.00	6,679.34	6,675.34	6,675.34	42.44	231.31	121.24	1,607.01	-1,696.57	4,467.99	4,202.32	265.66	16.818		
7,100.00	6,726.76	6,722.76	6,722.76	42.62	232.97	108.60	1,607.01	-1,696.57	4,474.87	4,207.35	267.52	16.727		
7,150.00	6,773.53	6,769.53	6,769.53	42.78	234.60	98.68	1,607.01	-1,696.57	4,479.19	4,209.86	269.33	16.631		
7,200.00	6,819.38	6,815.38	6,815.38	42.91	236.20	91.22	1,607.01	-1,696.57	4,480.96	4,209.87	271.09	16.530		
7,250.00	6,864.01	6,860.01	6,860.01	43.03	237.76	85.75	1,607.01	-1,696.57	4,480.20	4,207.41	272.78	16.424		
7,300.00	6,907.16	6,903.16	6,903.16	43.14	239.27	81.81	1,607.01	-1,696.57	4,476.96	4,202.54	274.41	16.315		
7,350.00	6,948.56	6,944.56	6,944.56	43.24	240.71	79.04	1,607.01	-1,696.57	4,471.29	4,195.32	275.97	16.202		
7,400.00	6,987.94	6,983.94	6,983.94	43.35	242.09	77.18	1,607.01	-1,696.57	4,463.28	4,185.84	277.45	16.087		
7,450.00	7,025.08	7,021.08	7,021.08	43.46	243.38	76.06	1,607.01	-1,696.57	4,453.02	4,174.18	278.84	15.970		
7,500.00	7,059.73	7,055.73	7,055.73	43.57	244.59	75.54	1,607.01	-1,696.57	4,440.62	4,160.46	280.16	15.850		
7,550.00	7,091.70	7,087.70	7,087.70	43.70	245.71	75.54	1,607.01	-1,696.57	4,426.20	4,144.80	281.40	15.729		
7,600.00	7,120.77	7,116.77	7,116.77	43.84	246.72	75.97	1,607.01	-1,696.57	4,409.88	4,127.32	282.55	15.607		
7,650.00	7,146.77	7,142.77	7,142.77	44.00	247.63	76.79	1,607.01	-1,696.57	4,391.80	4,108.17	283.63	15.484		
7,700.00	7,169.54	7,165.54	7,165.54	44.18	248.43	77.96	1,607.01	-1,696.57	4,372.12	4,087.49	284.62	15.361		
7,750.00	7,188.94	7,184.94	7,184.94	44.38	249.10	79.44	1,607.01	-1,696.57	4,350.98	4,065.43	285.54	15.237		
7,800.00	7,204.85	7,200.85	7,200.85	44.61	249.66	81.20	1,607.01	-1,696.57	4,328.54	4,042.15	286.39	15.114		
7,850.00	7,217.17	7,213.17	7,213.17	44.88	250.09	83.21	1,607.01	-1,696.57	4,304.96	4,017.80	287.15	14.992		
7,900.00	7,225.83	7,221.83	7,221.83	45.17	250.39	85.45	1,607.01	-1,696.57	4,280.39	3,992.55	287.84	14.871		
7,950.00	7,230.77	7,226.77	7,226.77	45.50	250.56	87.88	1,607.01	-1,696.57	4,255.00	3,966.56	288.45	14.751		
7,985.49	7,232.00	7,228.00	7,228.00	45.75	250.61	89.72	1,607.01	-1,696.57	4,236.57	3,947.74	288.82	14.668		
8,000.00	7,232.12	7,228.12	7,228.12	45.86	250.61	89.72	1,607.01	-1,696.57	4,228.99	3,940.02	288.97	14.635		
8,100.00	7,232.93	7,228.93	7,228.93	46.71	250.64	89.73	1,607.01	-1,696.57	4,177.74	3,887.65	290.09	14.402		
8,200.00	7,233.74	7,229.74	7,229.74	47.73	250.67	89.74	1,607.01	-1,696.57	4,128.28	3,836.88	291.39	14.167		
8,300.00	7,234.54	7,230.54	7,230.54	48.94	250.69	89.76	1,607.01	-1,696.57	4,080.66	3,787.79	292.88	13.933		
8,400.00	7,235.35	7,231.35	7,231.35	50.32	250.72	89.77	1,607.01	-1,696.57	4,034.97	3,740.43	294.54	13.699		
8,500.00	7,236.16	7,232.16	7,232.16	51.86	250.75	89.78	1,607.01	-1,696.57	3,991.26	3,694.90	296.36	13.468		
8,600.00	7,236.97	7,232.97	7,232.97	53.54	250.78	89.79	1,607.01	-1,696.57	3,949.60	3,651.26	298.34	13.239		
8,700.00	7,237.77	7,233.77	7,233.77	55.33	250.81	89.81	1,607.01	-1,696.57	3,910.05	3,609.59	300.45	13.014		
8,800.00	7,238.58	7,234.58	7,234.58	57.24	250.84	89.82	1,607.01	-1,696.57	3,872.68	3,569.98	302.70	12.794		
8,900.00	7,239.39	7,235.39	7,235.39	59.24	250.86	89.83	1,607.01	-1,696.57	3,837.55	3,532.49	305.06	12.579		
9,000.00	7,240.20	7,236.20	7,236.20	61.31	250.89	89.85	1,607.01	-1,696.57	3,804.73	3,497.19	307.53	12.372		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,237.01	7,237.01	63.46	250.92	89.86	1,607.01	-1,696.57	3,774.27	3,464.17	310.09	12.171		
9,200.00	7,241.81	7,237.81	7,237.81	65.67	250.95	89.87	1,607.01	-1,696.57	3,746.23	3,433.50	312.73	11.979		
9,300.00	7,242.62	7,238.62	7,238.62	67.93	250.98	89.88	1,607.01	-1,696.57	3,720.67	3,405.23	315.44	11.795		
9,400.00	7,243.43	7,239.43	7,239.43	70.25	251.00	89.90	1,607.01	-1,696.57	3,697.64	3,379.44	318.21	11.620		
9,500.00	7,244.24	7,240.24	7,240.24	72.60	251.03	89.91	1,607.01	-1,696.57	3,677.19	3,356.18	321.01	11.455		
9,600.00	7,245.04	7,241.04	7,241.04	74.99	251.06	89.92	1,607.01	-1,696.57	3,659.35	3,335.50	323.85	11.299		
9,700.00	7,245.85	7,241.85	7,241.85	77.42	251.09	89.94	1,607.01	-1,696.57	3,644.17	3,317.47	326.71	11.154		
9,800.00	7,246.66	7,242.66	7,242.66	79.87	251.12	89.95	1,607.01	-1,696.57	3,631.69	3,302.11	329.58	11.019		
9,900.00	7,247.47	7,243.47	7,243.47	82.36	251.15	89.96	1,607.01	-1,696.57	3,621.92	3,289.48	332.44	10.895		
10,000.00	7,248.28	7,244.28	7,244.28	84.87	251.17	89.97	1,607.01	-1,696.57	3,614.89	3,279.60	335.29	10.781		
10,100.00	7,249.08	7,245.08	7,245.08	87.40	251.20	89.99	1,607.01	-1,696.57	3,610.62	3,272.50	338.12	10.678		
10,200.00	7,249.89	7,245.89	7,245.89	89.95	251.23	90.00	1,607.01	-1,696.57	3,609.12	3,268.20	340.92	10.586		
10,204.30	7,249.93	7,245.93	7,245.93	90.06	251.23	90.00	1,607.01	-1,696.57	3,609.11	3,268.08	341.04	10.583		
10,300.00	7,250.70	7,246.70	7,246.70	92.52	251.26	90.01	1,607.01	-1,696.57	3,610.38	3,266.71	343.67	10.505		
10,400.00	7,251.51	7,247.51	7,247.51	95.11	251.29	90.03	1,607.01	-1,696.57	3,614.42	3,268.04	346.38	10.435		
10,500.00	7,252.31	7,248.31	7,248.31	97.71	251.32	90.04	1,607.01	-1,696.57	3,621.21	3,272.18	349.03	10.375		
10,600.00	7,253.12	7,249.12	7,249.12	100.33	251.34	90.05	1,607.01	-1,696.57	3,630.74	3,279.13	351.61	10.326		
10,700.00	7,253.93	7,249.93	7,249.93	102.96	251.37	90.06	1,607.01	-1,696.57	3,642.99	3,288.88	354.12	10.288		
10,800.00	7,254.74	7,250.74	7,250.74	105.61	251.40	90.08	1,607.01	-1,696.57	3,657.94	3,301.39	356.55	10.259		
10,900.00	7,255.55	7,251.55	7,251.55	108.26	251.43	90.09	1,607.01	-1,696.57	3,675.55	3,316.65	358.90	10.241		
11,000.00	7,256.35	7,252.35	7,252.35	110.92	251.46	90.10	1,607.01	-1,696.57	3,695.78	3,334.61	361.17	10.233 SF		
11,100.00	7,257.16	7,253.16	7,253.16	113.60	251.48	90.11	1,607.01	-1,696.57	3,718.59	3,355.25	363.35	10.234		
11,200.00	7,257.97	7,253.97	7,253.97	116.28	251.51	90.13	1,607.01	-1,696.57	3,743.94	3,378.50	365.44	10.245		
11,300.00	7,258.78	7,254.78	7,254.78	118.97	251.54	90.14	1,607.01	-1,696.57	3,771.76	3,404.33	367.43	10.265		
11,400.00	7,259.58	7,255.58	7,255.58	121.67	251.57	90.15	1,607.01	-1,696.57	3,802.01	3,432.68	369.33	10.294		
11,500.00	7,260.39	7,256.39	7,256.39	124.38	251.60	90.17	1,607.01	-1,696.57	3,834.64	3,463.50	371.14	10.332		
11,600.00	7,261.20	7,257.20	7,257.20	127.09	251.63	90.18	1,607.01	-1,696.57	3,869.57	3,496.71	372.86	10.378		
11,700.00	7,262.01	7,258.01	7,258.01	129.81	251.65	90.19	1,607.01	-1,696.57	3,906.75	3,532.27	374.48	10.433		
11,800.00	7,262.82	7,258.82	7,258.82	132.53	251.68	90.20	1,607.01	-1,696.57	3,946.11	3,570.10	376.01	10.495		
11,900.00	7,263.62	7,259.62	7,259.62	135.26	251.71	90.22	1,607.01	-1,696.57	3,987.60	3,610.14	377.45	10.564		
12,000.00	7,264.43	7,260.43	7,260.43	138.00	251.74	90.23	1,607.01	-1,696.57	4,031.13	3,652.33	378.81	10.642		
12,100.00	7,265.24	7,261.24	7,261.24	140.74	251.77	90.24	1,607.01	-1,696.57	4,076.66	3,696.58	380.08	10.726		
12,200.00	7,266.05	7,262.05	7,262.05	143.49	251.79	90.26	1,607.01	-1,696.57	4,124.11	3,742.84	381.27	10.817		
12,300.00	7,266.86	7,262.86	7,262.86	146.24	251.82	90.27	1,607.01	-1,696.57	4,173.41	3,791.03	382.38	10.914		
12,400.00	7,267.66	7,263.66	7,263.66	148.99	251.85	90.28	1,607.01	-1,696.57	4,224.51	3,841.10	383.42	11.018		
12,500.00	7,268.47	7,264.47	7,264.47	151.75	251.88	90.29	1,607.01	-1,696.57	4,277.34	3,892.96	384.38	11.128		
12,600.00	7,269.28	7,265.28	7,265.28	154.51	251.91	90.31	1,607.01	-1,696.57	4,331.83	3,946.55	385.27	11.244		
12,700.00	7,270.09	7,266.09	7,266.09	157.27	251.94	90.32	1,607.01	-1,696.57	4,387.92	4,001.82	386.10	11.365		
12,800.00	7,270.89	7,266.89	7,266.89	160.04	251.96	90.33	1,607.01	-1,696.57	4,445.55	4,058.69	386.86	11.491		
12,900.00	7,271.70	7,267.70	7,267.70	162.81	251.99	90.35	1,607.01	-1,696.57	4,504.67	4,117.10	387.57	11.623		
13,000.00	7,272.51	7,268.51	7,268.51	165.58	252.02	90.36	1,607.01	-1,696.57	4,565.21	4,176.99	388.22	11.759		
13,100.00	7,273.32	7,269.32	7,269.32	168.36	252.05	90.37	1,607.01	-1,696.57	4,627.12	4,238.31	388.81	11.901		
13,200.00	7,274.13	7,270.13	7,270.13	171.14	252.08	90.38	1,607.01	-1,696.57	4,690.35	4,300.99	389.36	12.046		
13,300.00	7,274.93	7,270.93	7,270.93	173.92	252.10	90.40	1,607.01	-1,696.57	4,754.83	4,364.98	389.86	12.196		
13,400.00	7,275.74	7,271.74	7,271.74	176.71	252.13	90.41	1,607.01	-1,696.57	4,820.53	4,430.22	390.31	12.350		
13,500.00	7,276.55	7,272.55	7,272.55	179.49	252.16	90.42	1,607.01	-1,696.57	4,887.40	4,496.67	390.73	12.508		
13,555.88	7,277.00	7,273.00	7,273.00	181.05	252.18	90.43	1,607.01	-1,696.57	4,925.25	4,534.31	390.94	12.598		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-105.78	-2,018.68	-7,142.17	7,421.98					
100.00	100.00	86.27	86.26	3.28	3.29	-105.78	-2,018.90	-7,142.13	7,421.99	7,415.42	6.57	1,129.649		
200.00	200.00	175.84	175.83	3.34	3.31	-105.79	-2,019.57	-7,142.02	7,422.09	7,415.44	6.65	1,116.430		
300.00	299.98	260.42	260.42	3.44	3.38	-108.25	-2,020.42	-7,142.07	7,422.96	7,416.13	6.82	1,088.105		
400.00	399.84	358.43	358.42	3.59	3.51	-108.24	-2,021.53	-7,142.15	7,424.98	7,417.88	7.10	1,045.472		
500.00	499.45	449.12	449.11	3.79	3.67	-108.24	-2,022.17	-7,142.45	7,428.23	7,420.77	7.46	995.579		
600.00	598.70	552.50	552.48	4.04	3.89	-108.24	-2,022.59	-7,142.87	7,432.58	7,424.65	7.93	937.510		
700.00	697.47	637.49	637.47	4.32	4.11	-108.23	-2,023.20	-7,143.16	7,438.07	7,429.64	8.43	882.789		
800.00	795.62	708.44	708.41	4.64	4.30	-108.20	-2,023.63	-7,143.69	7,445.01	7,436.07	8.94	832.433		
900.00	893.06	791.88	791.85	5.01	4.54	-108.18	-2,023.99	-7,144.57	7,453.35	7,443.81	9.55	780.650		
1,000.00	989.64	883.27	883.23	5.41	4.83	-108.16	-2,024.54	-7,145.61	7,462.97	7,452.74	10.23	729.536		
1,100.00	1,085.27	971.02	970.98	5.85	5.11	-108.14	-2,025.10	-7,146.68	7,473.85	7,462.90	10.95	682.391		
1,200.00	1,179.82	1,014.28	1,014.23	6.33	5.26	-108.01	-2,025.07	-7,147.47	7,486.29	7,474.72	11.57	647.161		
1,300.00	1,273.78	1,061.00	1,060.93	6.85	5.42	-108.13	-2,024.57	-7,148.78	7,500.04	7,487.82	12.23	613.456		
1,400.00	1,367.75	1,097.56	1,097.46	7.38	5.54	-108.23	-2,023.87	-7,150.14	7,514.58	7,501.71	12.87	584.050		
1,500.00	1,461.72	1,153.00	1,152.81	7.93	5.73	-108.38	-2,022.35	-7,152.77	7,529.97	7,516.38	13.59	554.173		
1,600.00	1,555.69	1,176.99	1,176.74	8.49	5.82	-108.45	-2,021.50	-7,154.13	7,546.09	7,531.88	14.21	531.008		
1,700.00	1,649.66	1,216.65	1,216.29	9.07	5.96	-108.57	-2,019.80	-7,156.67	7,563.06	7,548.16	14.90	507.634		
1,800.00	1,743.63	1,248.00	1,247.51	9.65	6.07	-108.66	-2,018.18	-7,158.94	7,580.85	7,565.28	15.56	487.115		
1,900.00	1,837.60	1,282.73	1,282.07	10.24	6.20	-108.77	-2,016.18	-7,161.77	7,599.51	7,583.26	16.25	467.785		
2,000.00	1,931.57	1,311.39	1,310.55	10.83	6.30	-108.85	-2,014.41	-7,164.39	7,619.10	7,602.19	16.91	450.591		
2,100.00	2,025.54	1,343.00	1,341.94	11.43	6.42	-108.95	-2,012.35	-7,167.58	7,639.62	7,622.04	17.59	434.411		
2,200.00	2,119.51	1,382.25	1,380.86	12.03	6.57	-109.08	-2,009.58	-7,171.86	7,660.99	7,642.69	18.30	418.704		
2,300.00	2,213.48	1,438.00	1,436.04	12.64	6.79	-109.25	-2,005.19	-7,178.40	7,683.11	7,664.03	19.08	402.746		
2,400.00	2,307.45	1,487.72	1,485.20	13.25	6.99	-109.42	-2,000.97	-7,184.52	7,705.85	7,686.01	19.84	388.454		
2,500.00	2,401.42	1,562.16	1,558.76	13.87	7.30	-109.66	-1,994.40	-7,193.89	7,729.05	7,708.34	20.71	373.258		
2,600.00	2,495.39	1,644.33	1,639.94	14.48	7.66	-109.93	-1,987.12	-7,204.30	7,752.54	7,730.93	21.62	358.614		
2,700.00	2,589.35	1,712.90	1,707.71	15.10	7.96	-110.15	-1,981.46	-7,213.04	7,776.42	7,753.95	22.47	346.012		
2,800.00	2,683.32	1,844.45	1,837.86	15.72	8.55	-110.56	-1,971.44	-7,229.36	7,800.27	7,776.64	23.62	330.192		
2,900.00	2,777.29	1,914.00	1,906.73	16.34	8.87	-110.77	-1,966.68	-7,237.88	7,824.32	7,799.83	24.49	319.450		
3,000.00	2,871.26	2,040.00	2,031.59	16.97	9.45	-111.15	-1,958.96	-7,252.90	7,848.39	7,822.76	25.63	306.229		
3,100.00	2,965.23	2,119.00	2,109.86	17.59	9.81	-111.38	-1,953.76	-7,262.27	7,872.53	7,845.98	26.55	296.526		
3,200.00	3,059.20	2,191.35	2,181.47	18.22	10.16	-111.60	-1,948.43	-7,271.06	7,897.02	7,869.58	27.44	287.786		
3,300.00	3,153.17	2,320.57	2,309.38	18.84	10.78	-112.00	-1,938.66	-7,286.62	7,921.58	7,892.97	28.61	276.860		
3,400.00	3,247.14	2,453.35	2,440.84	19.47	11.42	-112.40	-1,928.04	-7,302.00	7,945.90	7,916.09	29.81	266.576		
3,500.00	3,341.11	2,554.26	2,540.79	20.10	11.90	-112.70	-1,919.94	-7,313.25	7,970.00	7,939.15	30.85	258.357		
3,600.00	3,435.08	2,639.20	2,624.90	20.73	12.32	-112.96	-1,912.86	-7,322.75	7,994.30	7,962.49	31.81	251.297		
3,700.00	3,529.05	2,709.63	2,694.67	21.36	12.66	-113.17	-1,907.37	-7,330.64	8,018.89	7,986.18	32.70	245.208		
3,800.00	3,623.02	2,767.00	2,751.49	21.99	12.95	-113.34	-1,902.99	-7,337.24	8,043.94	8,010.42	33.53	239.938		
3,900.00	3,716.99	2,831.08	2,814.93	22.62	13.26	-113.53	-1,898.05	-7,344.85	8,069.49	8,035.11	34.38	234.704		
4,000.00	3,810.95	2,899.16	2,882.27	23.25	13.60	-113.73	-1,892.64	-7,353.18	8,095.52	8,060.27	35.26	229.609		
4,100.00	3,904.92	2,997.25	2,979.28	23.88	14.10	-114.02	-1,884.67	-7,365.32	8,121.86	8,085.57	36.29	223.806		
4,200.00	3,998.89	3,115.86	3,096.71	24.52	14.69	-114.36	-1,875.76	-7,379.45	8,148.00	8,110.57	37.43	217.698		
4,300.00	4,092.86	3,179.68	3,159.89	25.15	15.01	-114.55	-1,870.84	-7,387.03	8,174.31	8,136.03	38.28	213.539		
4,400.00	4,186.83	3,241.00	3,220.55	25.78	15.33	-114.72	-1,866.06	-7,394.65	8,201.22	8,162.11	39.12	209.655		
4,500.00	4,280.80	3,391.41	3,369.55	26.42	16.08	-115.14	-1,856.19	-7,412.61	8,227.99	8,187.57	40.42	203.566		
4,600.00	4,374.77	3,618.23	3,594.70	27.05	17.19	-115.76	-1,842.34	-7,436.33	8,253.28	8,211.17	42.11	195.991		
4,700.00	4,468.74	3,722.92	3,698.56	27.68	17.71	-116.05	-1,834.34	-7,446.72	8,278.52	8,235.34	43.17	191.745		
4,800.00	4,562.71	3,820.58	3,795.45	28.32	18.19	-116.32	-1,826.78	-7,456.32	8,303.83	8,259.63	44.20	187.859		
4,900.00	4,656.68	3,937.07	3,911.00	28.95	18.77	-116.65	-1,816.84	-7,467.29	8,328.84	8,283.51	45.33	183.734		
5,000.00	4,750.65	3,983.24	3,956.76	29.59	19.00	-116.78	-1,812.69	-7,471.79	8,354.35	8,308.26	46.09	181.268		
5,100.00	4,844.62	4,032.02	4,005.08	30.23	19.25	-116.91	-1,808.30	-7,476.80	8,380.48	8,333.63	46.86	178.850		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,097.00	4,069.40	30.86	19.58	117.10	-1,802.24	-7,483.81	8,407.22	8,359.51	47.71	176.208		
5,300.00	5,032.56	4,208.19	4,179.42	31.50	20.14	117.41	-1,791.46	-7,495.78	8,434.16	8,385.34	48.82	172.768		
5,400.00	5,126.52	4,303.00	4,273.34	32.13	20.62	117.68	-1,783.19	-7,505.70	8,461.01	8,411.18	49.83	169.795		
5,500.00	5,220.49	4,410.72	4,380.18	32.77	21.16	117.96	-1,775.03	-7,516.71	8,487.85	8,436.95	50.91	166.730		
5,600.00	5,314.46	4,621.61	4,589.79	33.41	22.19	118.49	-1,762.98	-7,536.34	8,514.06	8,461.54	52.52	162.116		
5,700.00	5,408.43	5,258.44	5,225.38	34.04	24.97	119.89	-1,751.26	-7,570.03	8,536.91	8,480.78	56.13	152.104		
5,800.00	5,502.40	5,352.45	5,319.37	34.68	25.36	120.09	-1,750.71	-7,571.96	8,556.89	8,499.80	57.10	149.862		
5,900.00	5,596.37	5,463.45	5,430.35	35.32	25.81	120.32	-1,750.16	-7,574.17	8,576.93	8,518.79	58.15	147.501		
6,000.00	5,690.34	5,572.14	5,539.02	35.96	26.25	120.54	-1,750.30	-7,575.96	8,596.75	8,537.56	59.18	145.253		
6,100.00	5,784.31	5,653.98	5,620.85	36.59	26.58	120.70	-1,750.52	-7,577.35	8,616.73	8,556.64	60.10	143.377		
6,200.00	5,878.28	5,742.85	5,709.71	37.23	26.94	120.88	-1,750.36	-7,578.99	8,636.93	8,575.89	61.05	141.483		
6,300.00	5,972.25	5,845.77	5,812.61	37.87	27.36	121.08	-1,750.24	-7,580.82	8,657.16	8,595.11	62.06	139.500		
6,400.00	6,066.22	5,934.93	5,901.76	38.51	27.73	121.26	-1,750.02	-7,582.36	8,677.45	8,614.44	63.01	137.720		
6,500.00	6,160.19	6,021.11	5,987.92	39.14	28.08	121.43	-1,750.02	-7,583.97	8,697.96	8,634.02	63.94	136.028		
6,600.00	6,254.16	6,207.78	6,174.57	39.78	28.83	121.79	-1,750.73	-7,586.54	8,718.15	8,652.82	65.34	133.433		
6,700.00	6,348.13	6,282.00	6,248.78	40.42	29.13	121.93	-1,751.13	-7,587.24	8,737.98	8,671.77	66.21	131.969		
6,800.00	6,442.09	6,419.98	6,386.75	41.06	29.68	122.19	-1,752.33	-7,588.42	8,757.87	8,690.50	67.37	129.987		
6,869.92	6,507.80	6,545.22	6,511.40	41.51	30.12	122.36	-1,763.28	-7,588.51	8,771.22	8,702.95	68.28	128.462		
6,900.00	6,536.18	6,560.37	6,526.32	41.69	30.17	115.59	-1,765.93	-7,588.50	8,776.25	8,707.75	68.50	128.123		
6,950.00	6,583.76	6,581.18	6,546.71	41.98	30.24	102.42	-1,770.06	-7,588.52	8,781.62	8,712.79	68.83	127.583		
7,000.00	6,631.58	6,600.00	6,565.05	42.23	30.30	87.79	-1,774.28	-7,588.61	8,783.24	8,714.11	69.13	127.054		
7,050.00	6,679.34	6,614.88	6,579.47	42.44	30.35	73.50	-1,777.94	-7,588.74	8,781.13	8,711.75	69.38	126.562		
7,100.00	6,726.76	6,632.00	6,595.97	42.62	30.40	61.16	-1,782.50	-7,588.96	8,775.30	8,705.69	69.61	126.066		
7,150.00	6,773.53	6,653.84	6,616.86	42.78	30.46	51.33	-1,788.86	-7,589.32	8,765.77	8,695.95	69.82	125.550		
7,200.00	6,819.38	6,698.61	6,659.02	42.91	30.59	43.76	-1,803.87	-7,590.12	8,752.51	8,682.42	70.09	124.882		
7,250.00	6,864.01	6,906.27	6,837.40	43.03	31.04	37.66	-1,908.70	-7,591.58	8,734.90	8,663.97	70.93	123.155		
7,300.00	6,907.16	6,945.25	6,867.78	43.14	31.10	33.12	-1,933.13	-7,591.53	8,713.50	8,642.37	71.12	122.510		
7,350.00	6,948.56	6,963.27	6,881.58	43.24	31.13	29.61	-1,944.72	-7,591.51	8,688.68	8,617.46	71.22	121.989		
7,400.00	6,987.94	7,116.52	6,989.83	43.35	31.36	26.29	-2,052.93	-7,590.40	8,660.35	8,588.44	71.91	120.429		
7,450.00	7,025.08	7,132.20	7,000.05	43.46	31.38	24.01	-2,064.83	-7,590.19	8,628.75	8,556.77	71.99	119.863		
7,500.00	7,059.73	7,153.51	7,013.73	43.57	31.41	22.10	-2,081.16	-7,589.94	8,594.31	8,522.23	72.08	119.227		
7,550.00	7,091.70	7,171.00	7,024.76	43.70	31.44	20.50	-2,094.73	-7,589.73	8,557.20	8,485.04	72.15	118.599		
7,600.00	7,120.77	7,182.37	7,031.82	43.84	31.46	19.16	-2,103.64	-7,589.60	8,517.64	8,445.46	72.19	117.996		
7,650.00	7,146.77	7,189.73	7,036.33	44.00	31.47	18.02	-2,109.46	-7,589.54	8,475.89	8,403.69	72.19	117.406		
7,700.00	7,169.54	7,700.00	7,049.38	44.18	35.35	16.85	-2,127.01	-7,589.37	8,432.16	8,357.61	74.56	113.098		
7,750.00	7,188.94	7,252.14	7,072.67	44.38	31.63	15.43	-2,160.18	-7,588.94	8,386.66	8,314.17	72.49	115.700		
7,800.00	7,204.85	7,263.19	7,078.74	44.61	31.66	14.16	-2,169.42	-7,588.79	8,339.67	8,267.14	72.52	114.994		
7,850.00	7,217.17	7,271.72	7,083.36	44.88	31.69	12.49	-2,176.59	-7,588.68	8,291.50	8,218.95	72.55	114.286		
7,900.00	7,225.83	7,900.00	7,110.11	45.17	36.11	8.07	-2,220.50	-7,587.85	8,242.42	8,166.38	76.05	108.389		
7,950.00	7,230.77	7,340.49	7,118.78	45.50	32.02	-2.88	-2,235.50	-7,587.47	8,192.72	8,119.75	72.97	112.270		
7,985.49	7,232.00	7,340.60	7,118.84	45.75	32.03	-43.96	-2,235.60	-7,587.46	8,157.28	8,084.30	72.97	111.785		
8,000.00	7,232.12	7,340.58	7,118.83	45.86	32.03	-43.96	-2,235.58	-7,587.46	8,142.77	8,069.80	72.97	111.586		
8,100.00	7,232.93	7,340.39	7,118.74	46.71	32.02	-43.91	-2,235.41	-7,587.47	8,042.82	7,969.84	72.97	110.216		
8,200.00	7,233.74	7,340.20	7,118.64	47.73	32.02	-43.87	-2,235.25	-7,587.47	7,942.86	7,869.88	72.97	108.844		
8,300.00	7,234.54	7,340.01	7,118.55	48.94	32.02	-43.82	-2,235.08	-7,587.48	7,842.90	7,769.93	72.98	107.471		
8,400.00	7,235.35	7,339.81	7,118.45	50.32	32.02	-43.78	-2,234.91	-7,587.48	7,742.95	7,669.97	72.98	106.096		
8,500.00	7,236.16	7,339.61	7,118.35	51.86	32.02	-43.73	-2,234.73	-7,587.48	7,642.99	7,570.01	72.98	104.720		
8,600.00	7,236.97	8,600.00	7,110.50	53.54	42.69	-39.96	-2,221.17	-7,587.83	7,543.07	7,463.27	79.80	94.528		
8,700.00	7,237.77	8,700.00	7,110.25	55.33	43.73	-39.83	-2,220.75	-7,587.84	7,443.11	7,362.79	80.33	92.658		
8,800.00	7,238.58	8,800.00	7,110.00	57.24	44.80	-39.71	-2,220.33	-7,587.85	7,343.16	7,262.30	80.86	90.814		
8,900.00	7,239.39	8,900.00	7,109.75	59.24	45.88	-39.59	-2,219.90	-7,587.86	7,243.21	7,161.83	81.39	88.995		
9,000.00	7,240.20	9,000.00	7,109.50	61.31	46.98	-39.47	-2,219.48	-7,587.87	7,143.27	7,061.35	81.92	87.201		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	9,100.00	7,109.24	63.46	48.10	-39.35	-2,219.05	-7,587.88	7,043.32	6,960.87	82.44	85.432		
9,200.00	7,241.81	9,200.00	7,108.99	65.67	49.24	-39.23	-2,218.63	-7,587.89	6,943.37	6,860.40	82.97	83.686		
9,300.00	7,242.62	9,300.00	7,108.74	67.93	50.39	-39.11	-2,218.21	-7,587.90	6,843.43	6,759.94	83.49	81.963		
9,400.00	7,243.43	9,400.00	7,108.49	70.25	51.55	-38.99	-2,217.78	-7,587.91	6,743.49	6,659.47	84.02	80.263		
9,500.00	7,244.24	9,500.00	7,108.24	72.60	52.73	-38.87	-2,217.36	-7,587.92	6,643.55	6,559.01	84.54	78.586		
9,600.00	7,245.04	9,600.00	7,107.98	74.99	53.92	-38.75	-2,216.93	-7,587.93	6,543.61	6,458.55	85.06	76.929		
9,700.00	7,245.85	9,700.00	7,107.73	77.42	55.12	-38.62	-2,216.51	-7,587.94	6,443.67	6,358.09	85.58	75.295		
9,800.00	7,246.66	9,800.00	7,107.48	79.87	56.34	-38.50	-2,216.09	-7,587.95	6,343.74	6,257.64	86.10	73.681		
9,900.00	7,247.47	9,900.00	7,107.23	82.36	57.56	-38.38	-2,215.66	-7,587.96	6,243.80	6,157.19	86.61	72.087		
10,000.00	7,248.28	10,000.00	7,106.98	84.87	58.80	-38.26	-2,215.24	-7,587.97	6,143.87	6,056.74	87.13	70.513		
10,100.00	7,249.08	10,100.00	7,106.73	87.40	60.04	-38.14	-2,214.81	-7,587.98	6,043.94	5,956.30	87.65	68.959		
10,200.00	7,249.89	10,200.00	7,106.47	89.95	61.29	-38.02	-2,214.39	-7,587.99	5,944.02	5,855.86	88.16	67.424		
10,300.00	7,250.70	10,300.00	7,106.22	92.52	62.55	-37.89	-2,213.97	-7,588.00	5,844.09	5,755.42	88.67	65.908		
10,400.00	7,251.51	10,400.00	7,105.97	95.11	63.82	-37.77	-2,213.54	-7,588.01	5,744.17	5,654.99	89.18	64.411		
10,500.00	7,252.31	10,500.00	7,105.72	97.71	65.09	-37.65	-2,213.12	-7,588.01	5,644.25	5,554.56	89.69	62.931		
10,600.00	7,253.12	10,600.00	7,105.47	100.33	66.37	-37.53	-2,212.69	-7,588.02	5,544.34	5,454.14	90.20	61.469		
10,700.00	7,253.93	10,700.00	7,105.21	102.96	67.66	-37.41	-2,212.27	-7,588.03	5,444.43	5,353.72	90.70	60.025		
10,800.00	7,254.74	10,800.00	7,104.96	105.61	68.95	-37.28	-2,211.84	-7,588.04	5,344.52	5,253.31	91.21	58.598		
10,900.00	7,255.55	10,900.00	7,104.71	108.26	70.25	-37.16	-2,211.42	-7,588.05	5,244.61	5,152.90	91.71	57.188		
11,000.00	7,256.35	11,000.00	7,104.46	110.92	71.55	-37.04	-2,211.00	-7,588.06	5,144.71	5,052.50	92.21	55.794		
11,100.00	7,257.16	11,100.00	7,104.21	113.60	72.86	-36.92	-2,210.57	-7,588.07	5,044.81	4,952.10	92.71	54.416		
11,200.00	7,257.97	11,200.00	7,103.95	116.28	74.18	-36.80	-2,210.15	-7,588.08	4,944.92	4,851.71	93.20	53.054		
11,300.00	7,258.78	11,300.00	7,103.70	118.97	75.50	-36.67	-2,209.72	-7,588.09	4,845.03	4,751.33	93.70	51.708		
11,400.00	7,259.58	11,400.00	7,103.45	121.67	76.82	-36.55	-2,209.30	-7,588.10	4,745.14	4,650.95	94.19	50.377		
11,500.00	7,260.39	11,500.00	7,103.20	124.38	78.15	-36.43	-2,208.88	-7,588.11	4,645.26	4,550.58	94.68	49.062		
11,600.00	7,261.20	11,600.00	7,102.95	127.09	79.48	-36.31	-2,208.45	-7,588.12	4,545.39	4,450.22	95.17	47.761		
11,700.00	7,262.01	7,285.84	7,090.89	129.81	31.75	-30.48	-2,188.52	-7,588.50	4,445.52	4,372.25	73.27	60.677		
11,800.00	7,262.82	7,285.95	7,090.95	132.53	31.75	-30.51	-2,188.61	-7,588.50	4,345.65	4,272.34	73.31	59.277		
11,900.00	7,263.62	7,286.06	7,091.01	135.26	31.75	-30.53	-2,188.71	-7,588.50	4,245.79	4,172.43	73.36	57.878		
12,000.00	7,264.43	7,286.17	7,091.07	138.00	31.75	-30.56	-2,188.80	-7,588.50	4,145.94	4,072.53	73.41	56.478		
12,100.00	7,265.24	7,286.28	7,091.13	140.74	31.75	-30.59	-2,188.90	-7,588.49	4,046.10	3,972.64	73.46	55.079		
12,200.00	7,266.05	7,286.40	7,091.19	143.49	31.75	-30.62	-2,188.99	-7,588.49	3,946.26	3,872.75	73.51	53.680		
12,300.00	7,266.86	7,286.51	7,091.25	146.24	31.75	-30.65	-2,189.09	-7,588.49	3,846.43	3,772.86	73.57	52.281		
12,400.00	7,267.66	7,286.62	7,091.30	148.99	31.75	-30.67	-2,189.18	-7,588.49	3,746.61	3,672.98	73.63	50.882		
12,500.00	7,268.47	7,286.73	7,091.36	151.75	31.75	-30.70	-2,189.28	-7,588.49	3,646.81	3,573.11	73.70	49.483		
12,600.00	7,269.28	7,286.84	7,091.42	154.51	31.76	-30.73	-2,189.37	-7,588.49	3,547.01	3,473.24	73.77	48.084		
12,700.00	7,270.09	7,286.95	7,091.48	157.27	31.76	-30.76	-2,189.47	-7,588.49	3,447.22	3,373.38	73.84	46.685		
12,800.00	7,270.89	7,287.06	7,091.54	160.04	31.76	-30.79	-2,189.56	-7,588.48	3,347.45	3,273.53	73.92	45.287		
12,900.00	7,271.70	7,287.17	7,091.60	162.81	31.76	-30.81	-2,189.65	-7,588.48	3,247.69	3,173.69	74.00	43.888		
13,000.00	7,272.51	7,287.29	7,091.66	165.58	31.76	-30.84	-2,189.75	-7,588.48	3,147.94	3,073.86	74.09	42.490		
13,100.00	7,273.32	7,287.40	7,091.72	168.36	31.76	-30.87	-2,189.84	-7,588.48	3,048.22	2,974.03	74.18	41.091		
13,200.00	7,274.13	7,287.51	7,091.77	171.14	31.76	-30.90	-2,189.94	-7,588.48	2,948.51	2,874.22	74.28	39.692		
13,300.00	7,274.93	7,287.62	7,091.83	173.92	31.76	-30.92	-2,190.03	-7,588.48	2,848.82	2,774.42	74.40	38.293		
13,400.00	7,275.74	7,287.73	7,091.89	176.71	31.76	-30.95	-2,190.12	-7,588.47	2,749.15	2,674.64	74.52	36.894		
13,500.00	7,276.55	7,287.84	7,091.95	179.49	31.76	-30.98	-2,190.22	-7,588.47	2,649.51	2,574.87	74.65	35.494		
13,555.88	7,277.00	7,287.90	7,091.98	181.05	31.76	-31.00	-2,190.27	-7,588.47	2,593.84	2,519.12	74.72	34.712 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-105.84	-2,017.23	-7,111.02	7,391.61					
100.00	100.00	113.42	113.42	3.28	3.29	-105.84	-2,017.42	-7,110.78	7,391.46	7,384.89	6.57	1,124.315		
200.00	200.00	204.46	204.45	3.34	3.33	-105.84	-2,017.90	-7,110.33	7,391.14	7,384.47	6.67	1,108.552		
214.20	214.20	215.65	215.65	3.35	3.34	108.21	-2,017.99	-7,110.29	7,391.13	7,384.44	6.69	1,105.167		
300.00	299.98	263.09	263.09	3.44	3.38	108.20	-2,018.44	-7,110.17	7,391.71	7,384.89	6.82	1,083.208		
400.00	399.84	306.71	306.70	3.59	3.43	108.17	-2,018.82	-7,110.40	7,394.09	7,387.07	7.03	1,052.330		
500.00	499.45	455.19	455.17	3.79	3.68	108.19	-2,020.30	-7,111.54	7,397.94	7,390.47	7.47	990.902		
600.00	598.70	582.61	582.58	4.04	3.96	108.21	-2,022.06	-7,111.31	7,401.95	7,393.96	7.99	925.978		
700.00	697.47	714.70	714.66	4.32	4.31	108.26	-2,023.57	-7,110.73	7,406.79	7,398.16	8.63	858.174		
800.00	795.62	797.72	797.67	4.64	4.56	108.26	-2,024.81	-7,110.23	7,412.67	7,403.47	9.20	805.619		
900.00	893.06	940.33	940.26	5.01	5.01	108.35	-2,026.86	-7,109.09	7,419.54	7,409.52	10.02	740.543		
1,000.00	989.64	1,041.35	1,041.27	5.41	5.35	108.39	-2,027.97	-7,107.84	7,427.03	7,416.27	10.76	690.259		
1,100.00	1,085.27	1,122.39	1,122.29	5.85	5.64	108.39	-2,028.33	-7,107.13	7,435.87	7,424.39	11.48	647.816		
1,200.00	1,179.82	1,217.50	1,217.41	6.33	5.98	108.42	-2,028.62	-7,106.47	7,446.05	7,433.76	12.29	605.710		
1,300.00	1,273.78	1,302.35	1,302.25	6.85	6.29	108.63	-2,028.93	-7,105.84	7,456.89	7,443.78	13.11	568.843		
1,400.00	1,367.75	1,397.67	1,397.57	7.38	6.64	108.86	-2,029.31	-7,105.31	7,468.03	7,454.04	13.99	533.884		
1,500.00	1,461.72	1,502.87	1,502.76	7.93	7.04	109.12	-2,029.33	-7,104.59	7,479.11	7,464.19	14.92	501.157		
1,600.00	1,555.69	1,606.63	1,606.53	8.49	7.44	109.38	-2,029.31	-7,103.83	7,490.26	7,474.39	15.87	471.937		
1,700.00	1,649.66	1,688.07	1,687.96	9.07	7.76	109.58	-2,029.28	-7,103.18	7,501.51	7,484.76	16.75	447.937		
1,800.00	1,743.63	1,779.03	1,778.92	9.65	8.12	109.80	-2,029.40	-7,102.63	7,513.09	7,495.41	17.67	425.109		
1,900.00	1,837.60	1,851.69	1,851.57	10.24	8.40	109.98	-2,029.73	-7,102.11	7,524.80	7,506.27	18.53	406.056		
2,000.00	1,931.57	1,917.00	1,916.89	10.83	8.66	110.14	-2,029.62	-7,102.20	7,537.20	7,517.84	19.36	389.313		
2,100.00	2,025.54	1,951.93	1,951.81	11.43	8.79	110.23	-2,029.34	-7,102.51	7,550.22	7,530.15	20.07	376.260		
2,200.00	2,119.51	2,012.00	2,011.87	12.03	9.01	110.39	-2,028.47	-7,103.39	7,563.90	7,543.03	20.87	362.386		
2,300.00	2,213.48	2,073.23	2,073.07	12.64	9.25	110.55	-2,026.98	-7,104.70	7,578.14	7,556.45	21.69	349.423		
2,400.00	2,307.45	2,159.81	2,159.55	13.25	9.58	110.79	-2,023.62	-7,107.02	7,592.79	7,570.18	22.61	335.850		
2,500.00	2,401.42	2,290.22	2,289.69	13.87	10.09	111.16	-2,015.98	-7,110.74	7,607.42	7,583.70	23.71	320.812		
2,600.00	2,495.39	2,404.61	2,403.74	14.48	10.54	111.50	-2,007.81	-7,113.76	7,621.79	7,597.03	24.76	307.788		
2,700.00	2,589.35	2,452.16	2,451.13	15.10	10.73	111.64	-2,004.07	-7,115.19	7,636.53	7,610.99	25.54	299.000		
2,800.00	2,683.32	2,528.20	2,526.84	15.72	11.04	111.87	-1,997.71	-7,117.86	7,651.86	7,625.42	26.44	289.416		
2,900.00	2,777.29	2,628.72	2,626.87	16.34	11.45	112.18	-1,988.42	-7,121.43	7,667.30	7,639.85	27.45	279.341		
3,000.00	2,871.26	2,704.84	2,702.55	16.97	11.77	112.42	-1,980.75	-7,124.26	7,682.98	7,654.63	28.36	270.952		
3,100.00	2,965.23	2,773.00	2,770.24	17.59	12.06	112.64	-1,973.23	-7,127.13	7,699.16	7,669.93	29.23	263.394		
3,200.00	3,059.20	2,834.19	2,830.96	18.22	12.32	112.84	-1,966.22	-7,129.95	7,715.85	7,685.77	30.08	256.536		
3,300.00	3,153.17	2,909.12	2,905.32	18.84	12.64	113.08	-1,957.78	-7,133.56	7,733.00	7,702.01	30.99	249.559		
3,400.00	3,247.14	2,980.91	2,976.62	19.47	12.96	113.31	-1,950.14	-7,137.05	7,750.50	7,718.61	31.88	243.092		
3,500.00	3,341.11	3,031.84	3,027.20	20.10	13.18	113.47	-1,944.80	-7,139.72	7,768.57	7,735.89	32.68	237.700		
3,600.00	3,435.08	3,098.21	3,093.09	20.73	13.47	113.67	-1,937.83	-7,143.52	7,787.27	7,753.72	33.55	232.085		
3,700.00	3,529.05	3,209.36	3,203.47	21.36	13.96	114.02	-1,926.47	-7,149.87	7,806.25	7,771.61	34.64	225.364		
3,800.00	3,623.02	3,371.07	3,364.23	21.99	14.68	114.51	-1,910.78	-7,157.74	7,824.66	7,788.69	35.97	217.546		
3,900.00	3,716.99	3,460.76	3,453.35	22.62	15.08	114.79	-1,901.63	-7,161.86	7,843.03	7,806.08	36.96	212.221		
4,000.00	3,810.95	3,566.27	3,558.19	23.25	15.56	115.11	-1,890.63	-7,166.49	7,861.40	7,823.38	38.02	206.743		
4,100.00	3,904.92	3,628.00	3,619.52	23.88	15.84	115.30	-1,884.20	-7,169.24	7,880.07	7,841.19	38.88	202.676		
4,200.00	3,998.89	3,691.25	3,682.36	24.52	16.12	115.49	-1,877.68	-7,172.27	7,899.26	7,859.52	39.74	198.765		
4,300.00	4,092.86	3,763.25	3,753.89	25.15	16.45	115.71	-1,870.35	-7,176.03	7,919.01	7,878.36	40.65	194.833		
4,400.00	4,186.83	3,838.56	3,828.72	25.78	16.80	115.93	-1,862.83	-7,179.97	7,939.02	7,897.45	41.56	191.003		
4,500.00	4,280.80	3,886.51	3,876.32	26.42	17.02	116.08	-1,857.80	-7,182.72	7,959.60	7,917.26	42.35	187.965		
4,600.00	4,374.77	3,946.07	3,935.39	27.05	17.30	116.26	-1,851.16	-7,186.47	7,980.83	7,937.64	43.18	184.806		
4,700.00	4,468.74	4,023.04	4,011.70	27.68	17.66	116.50	-1,842.37	-7,191.49	8,002.46	7,958.35	44.11	181.406		
4,800.00	4,562.71	4,205.63	4,192.60	28.32	18.52	117.06	-1,820.50	-7,202.93	8,024.25	7,978.65	45.59	175.990		
4,900.00	4,656.68	4,282.37	4,268.72	28.95	18.89	117.29	-1,811.63	-7,207.14	8,045.38	7,998.86	46.52	172.926		
5,000.00	4,750.65	5,000.00	4,437.83	29.59	22.27	117.80	-1,793.16	-7,215.78	8,066.42	8,015.93	50.49	159.767		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,844.62	4,612.63	4,596.72	30.23	20.44	118.27	-1,776.16	-7,222.07	8,086.53	8,037.23	49.30	164.043		
5,200.00	4,938.59	4,730.21	4,713.65	30.86	20.99	118.60	-1,764.46	-7,225.94	8,106.34	8,055.91	50.43	160.744		
5,300.00	5,032.56	4,848.47	4,831.47	31.50	21.53	118.92	-1,754.97	-7,229.53	8,126.26	8,074.70	51.56	157.609		
5,400.00	5,126.52	4,928.62	4,911.42	32.13	21.89	119.13	-1,749.67	-7,231.73	8,146.13	8,093.64	52.49	155.190		
5,500.00	5,220.49	5,203.56	5,186.11	32.77	23.07	119.79	-1,739.89	-7,235.81	8,164.93	8,110.58	54.34	150.245		
5,600.00	5,314.46	5,271.71	5,254.26	33.41	23.36	119.94	-1,738.98	-7,236.16	8,183.23	8,128.02	55.20	148.239		
5,700.00	5,408.43	5,338.00	5,320.54	34.04	23.64	120.08	-1,738.36	-7,236.69	8,201.93	8,145.88	56.05	146.331		
5,800.00	5,502.40	5,394.79	5,377.32	34.68	23.87	120.20	-1,738.01	-7,237.37	8,221.11	8,164.27	56.85	144.612		
5,900.00	5,596.37	5,449.51	5,432.03	35.32	24.10	120.32	-1,737.84	-7,238.27	8,240.83	8,183.20	57.64	142.981		
6,000.00	5,690.34	5,501.97	5,484.49	35.96	24.31	120.43	-1,737.77	-7,239.38	8,261.11	8,202.71	58.41	141.439		
6,100.00	5,784.31	5,773.06	5,755.51	36.59	25.39	120.96	-1,742.04	-7,242.19	8,280.12	8,219.94	60.18	137.595		
6,200.00	5,878.28	5,863.63	5,846.06	37.23	25.75	121.14	-1,743.58	-7,242.36	8,298.81	8,237.68	61.12	135.776		
6,300.00	5,972.25	5,944.27	5,926.70	37.87	26.08	121.30	-1,744.58	-7,242.61	8,317.69	8,255.67	62.02	134.109		
6,400.00	6,066.22	6,022.69	6,005.11	38.51	26.39	121.46	-1,745.32	-7,243.01	8,336.85	8,273.94	62.91	132.515		
6,500.00	6,160.19	6,110.42	6,092.83	39.14	26.75	121.63	-1,746.04	-7,243.57	8,356.22	8,292.38	63.85	130.879		
6,600.00	6,254.16	6,197.65	6,180.06	39.78	27.10	121.80	-1,746.83	-7,244.20	8,375.76	8,310.98	64.78	129.298		
6,700.00	6,348.13	6,279.05	6,261.45	40.42	27.44	121.96	-1,747.55	-7,244.88	8,395.50	8,329.82	65.68	127.817		
6,800.00	6,442.09	6,347.10	6,329.50	41.06	27.72	122.10	-1,747.96	-7,245.59	8,415.54	8,349.01	66.53	126.499		
6,869.92	6,507.80	6,413.36	6,395.76	41.51	27.99	122.23	-1,748.09	-7,246.46	8,429.77	8,362.56	67.20	125.434		
6,900.00	6,536.18	6,441.13	6,423.52	41.69	28.11	115.50	-1,748.13	-7,246.79	8,435.18	8,367.69	67.49	124.984		
6,950.00	6,583.76	6,465.29	6,447.68	41.98	28.20	102.37	-1,748.30	-7,247.12	8,441.15	8,373.30	67.84	124.422		
7,000.00	6,631.58	6,487.36	6,469.74	42.23	28.29	87.76	-1,748.85	-7,247.48	8,443.37	8,375.21	68.16	123.876		
7,050.00	6,679.34	6,509.00	6,491.35	42.44	28.38	73.51	-1,749.91	-7,247.91	8,441.84	8,373.39	68.44	123.339		
7,100.00	6,726.76	6,525.02	6,507.33	42.62	28.44	61.19	-1,751.04	-7,248.28	8,436.58	8,367.91	68.67	122.863		
7,150.00	6,773.53	6,541.00	6,523.23	42.78	28.51	51.38	-1,752.49	-7,248.72	8,427.63	8,358.78	68.85	122.398		
7,200.00	6,819.38	6,558.93	6,541.04	42.91	28.57	43.85	-1,754.47	-7,249.28	8,415.04	8,346.02	69.02	121.924		
7,250.00	6,864.01	6,579.13	6,561.05	43.03	28.65	38.11	-1,757.16	-7,249.98	8,398.86	8,329.69	69.17	121.432		
7,300.00	6,907.16	6,611.64	6,593.10	43.14	28.77	33.73	-1,762.45	-7,251.21	8,379.14	8,309.80	69.34	120.835		
7,350.00	6,948.56	7,219.94	7,101.18	43.24	30.75	29.12	-2,070.37	-7,254.35	8,354.78	8,282.74	72.04	115.973		
7,400.00	6,987.94	7,236.00	7,110.84	43.35	30.82	26.29	-2,083.19	-7,253.89	8,325.57	8,253.43	72.14	115.413		
7,450.00	7,025.08	7,252.39	7,120.49	43.46	30.89	23.99	-2,096.42	-7,253.45	8,293.38	8,221.16	72.22	114.828		
7,500.00	7,059.73	7,267.00	7,128.93	43.57	30.96	22.09	-2,108.35	-7,253.08	8,258.41	8,186.12	72.29	114.239		
7,550.00	7,091.70	7,307.76	7,151.65	43.70	31.16	20.31	-2,142.17	-7,252.02	8,220.76	8,148.25	72.51	113.378		
7,600.00	7,120.77	7,318.57	7,157.46	43.84	31.22	18.93	-2,151.28	-7,251.74	8,180.72	8,108.17	72.54	112.769		
7,650.00	7,146.77	7,331.00	7,164.04	44.00	31.28	17.69	-2,161.82	-7,251.44	8,138.52	8,065.93	72.59	112.120		
7,700.00	7,169.54	7,331.00	7,164.04	44.18	31.28	16.67	-2,161.82	-7,251.44	8,094.41	8,021.86	72.55	111.567		
7,750.00	7,188.94	7,342.67	7,170.09	44.38	31.35	15.51	-2,171.80	-7,251.18	8,048.62	7,976.03	72.59	110.872		
7,800.00	7,204.85	7,347.99	7,172.80	44.61	31.38	14.31	-2,176.37	-7,251.06	8,001.44	7,928.84	72.60	110.216		
7,850.00	7,217.17	7,352.02	7,174.84	44.88	31.40	12.72	-2,179.85	-7,250.98	7,953.13	7,880.53	72.60	109.551		
7,900.00	7,225.83	7,354.76	7,176.22	45.17	31.41	9.92	-2,182.21	-7,250.92	7,903.97	7,831.37	72.60	108.876		
7,950.00	7,230.77	7,362.00	7,179.82	45.50	31.45	0.78	-2,188.50	-7,250.77	7,854.26	7,781.63	72.63	108.136		
7,985.49	7,232.00	7,362.00	7,179.82	45.75	31.45	-48.71	-2,188.50	-7,250.77	7,818.80	7,746.17	72.63	107.650		
8,000.00	7,232.12	7,362.00	7,179.82	45.86	31.45	-48.71	-2,188.50	-7,250.77	7,804.30	7,731.66	72.63	107.450		
8,100.00	7,232.93	7,362.00	7,179.82	46.71	31.45	-48.71	-2,188.50	-7,250.77	7,704.32	7,631.68	72.63	106.071		
8,200.00	7,233.74	7,362.00	7,179.82	47.73	31.45	-48.71	-2,188.50	-7,250.77	7,604.34	7,531.70	72.64	104.691		
8,300.00	7,234.54	7,362.00	7,179.82	48.94	31.45	-48.71	-2,188.50	-7,250.77	7,504.36	7,431.72	72.64	103.310		
8,400.00	7,235.35	7,362.00	7,179.82	50.32	31.45	-48.71	-2,188.50	-7,250.77	7,404.38	7,331.74	72.64	101.927		
8,500.00	7,236.16	7,355.02	7,176.35	51.86	31.42	-46.30	-2,182.44	-7,250.91	7,304.40	7,231.80	72.60	100.610		
8,600.00	7,236.97	7,354.73	7,176.20	53.54	31.41	-46.20	-2,182.19	-7,250.92	7,204.42	7,131.82	72.60	99.228		
8,700.00	7,237.77	7,354.44	7,176.06	55.33	31.41	-46.10	-2,181.94	-7,250.93	7,104.45	7,031.84	72.61	97.844		
8,800.00	7,238.58	7,354.15	7,175.91	57.24	31.41	-46.00	-2,181.69	-7,250.93	7,004.47	6,931.86	72.62	96.459		
8,900.00	7,239.39	7,353.85	7,175.76	59.24	31.41	-45.90	-2,181.43	-7,250.94	6,904.50	6,831.88	72.62	95.073		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,240.20	7,353.55	7,175.61	61.31	31.41	-45.79	-2,181.17	-7,250.94	6,804.53	6,731.89	72.63	93.686		
9,100.00	7,241.01	7,353.24	7,175.46	63.46	31.41	-45.68	-2,180.91	-7,250.95	6,704.55	6,631.91	72.64	92.298		
9,200.00	7,241.81	7,352.94	7,175.30	65.67	31.40	-45.57	-2,180.64	-7,250.96	6,604.58	6,531.93	72.65	90.909		
9,300.00	7,242.62	7,352.62	7,175.14	67.93	31.40	-45.46	-2,180.37	-7,250.96	6,504.61	6,431.95	72.66	89.520		
9,400.00	7,243.43	7,352.31	7,174.98	70.25	31.40	-45.35	-2,180.10	-7,250.97	6,404.64	6,331.97	72.67	88.129		
9,500.00	7,244.24	7,351.99	7,174.82	72.60	31.40	-45.24	-2,179.82	-7,250.98	6,304.67	6,231.98	72.69	86.738		
9,600.00	7,245.04	7,351.66	7,174.66	74.99	31.40	-45.12	-2,179.54	-7,250.98	6,204.70	6,132.00	72.70	85.346		
9,700.00	7,245.85	7,351.33	7,174.49	77.42	31.40	-45.01	-2,179.25	-7,250.99	6,104.73	6,032.02	72.72	83.954		
9,800.00	7,246.66	7,351.00	7,174.32	79.87	31.39	-44.89	-2,178.96	-7,251.00	6,004.77	5,932.03	72.73	82.561		
9,900.00	7,247.47	7,350.66	7,174.15	82.36	31.39	-44.77	-2,178.67	-7,251.00	5,904.80	5,832.05	72.75	81.167		
10,000.00	7,248.28	7,350.32	7,173.98	84.87	31.39	-44.65	-2,178.38	-7,251.01	5,804.84	5,732.07	72.77	79.773		
10,100.00	7,249.08	7,349.97	7,173.81	87.40	31.39	-44.52	-2,178.08	-7,251.02	5,704.87	5,632.09	72.79	78.378		
10,200.00	7,249.89	7,349.62	7,173.63	89.95	31.39	-44.40	-2,177.77	-7,251.03	5,604.91	5,532.10	72.81	76.983		
10,300.00	7,250.70	7,349.26	7,173.45	92.52	31.38	-44.27	-2,177.47	-7,251.03	5,504.95	5,432.12	72.83	75.588		
10,400.00	7,251.51	7,348.90	7,173.26	95.11	31.38	-44.14	-2,177.15	-7,251.04	5,404.99	5,332.14	72.85	74.192		
10,500.00	7,252.31	7,348.53	7,173.08	97.71	31.38	-44.01	-2,176.84	-7,251.05	5,305.03	5,232.16	72.88	72.796		
10,600.00	7,253.12	7,348.16	7,172.89	100.33	31.38	-43.88	-2,176.52	-7,251.06	5,205.08	5,132.18	72.90	71.400		
10,700.00	7,253.93	7,347.78	7,172.70	102.96	31.38	-43.74	-2,176.19	-7,251.06	5,105.12	5,032.20	72.93	70.004		
10,800.00	7,254.74	7,347.40	7,172.50	105.61	31.37	-43.61	-2,175.86	-7,251.07	5,005.17	4,932.22	72.95	68.607		
10,900.00	7,255.55	7,347.01	7,172.30	108.26	31.37	-43.47	-2,175.53	-7,251.08	4,905.22	4,832.24	72.98	67.211		
11,000.00	7,256.35	7,346.61	7,172.10	110.92	31.37	-43.32	-2,175.19	-7,251.09	4,805.27	4,732.26	73.01	65.814		
11,100.00	7,257.16	7,346.21	7,171.90	113.60	31.37	-43.18	-2,174.84	-7,251.10	4,705.32	4,632.28	73.04	64.418		
11,200.00	7,257.97	7,345.81	7,171.69	116.28	31.37	-43.03	-2,174.49	-7,251.11	4,605.38	4,532.30	73.08	63.021		
11,300.00	7,258.78	7,345.40	7,171.48	118.97	31.36	-42.89	-2,174.14	-7,251.12	4,505.44	4,432.33	73.11	61.625		
11,400.00	7,259.58	7,344.98	7,171.27	121.67	31.36	-42.74	-2,173.78	-7,251.12	4,405.50	4,332.35	73.15	60.229		
11,500.00	7,260.39	7,344.55	7,171.05	124.38	31.36	-42.58	-2,173.42	-7,251.13	4,305.56	4,232.38	73.18	58.832		
11,600.00	7,261.20	7,344.12	7,170.83	127.09	31.36	-42.43	-2,173.05	-7,251.14	4,205.63	4,132.41	73.22	57.436		
11,700.00	7,262.01	7,343.69	7,170.61	129.81	31.35	-42.27	-2,172.67	-7,251.15	4,105.70	4,032.44	73.26	56.041		
11,800.00	7,262.82	7,343.24	7,170.38	132.53	31.35	-42.11	-2,172.29	-7,251.16	4,005.77	3,932.47	73.30	54.645		
11,900.00	7,263.62	7,342.79	7,170.15	135.26	31.35	-41.94	-2,171.90	-7,251.17	3,905.85	3,832.50	73.35	53.250		
12,000.00	7,264.43	7,342.33	7,169.92	138.00	31.35	-41.78	-2,171.51	-7,251.18	3,805.93	3,732.53	73.39	51.855		
12,100.00	7,265.24	7,341.87	7,169.68	140.74	31.34	-41.61	-2,171.11	-7,251.19	3,706.01	3,632.57	73.44	50.461		
12,200.00	7,266.05	7,341.40	7,169.44	143.49	31.34	-41.43	-2,170.71	-7,251.20	3,606.10	3,532.61	73.49	49.067		
12,300.00	7,266.86	7,340.92	7,169.19	146.24	31.34	-41.26	-2,170.29	-7,251.21	3,506.20	3,432.65	73.55	47.673		
12,400.00	7,267.66	7,340.43	7,168.94	148.99	31.34	-41.08	-2,169.88	-7,251.23	3,406.30	3,332.69	73.60	46.280		
12,500.00	7,268.47	7,339.93	7,168.68	151.75	31.33	-40.90	-2,169.45	-7,251.24	3,306.40	3,232.74	73.66	44.887		
12,600.00	7,269.28	7,339.43	7,168.42	154.51	31.33	-40.71	-2,169.02	-7,251.25	3,206.51	3,132.79	73.72	43.495		
12,700.00	7,270.09	7,338.92	7,168.16	157.27	31.33	-40.53	-2,168.58	-7,251.26	3,106.63	3,032.85	73.79	42.103		
12,800.00	7,270.89	7,338.40	7,167.89	160.04	31.32	-40.34	-2,168.14	-7,251.27	3,006.76	2,932.90	73.85	40.712		
12,900.00	7,271.70	7,337.87	7,167.62	162.81	31.32	-40.14	-2,167.68	-7,251.28	2,906.89	2,832.97	73.93	39.321		
13,000.00	7,272.51	7,337.33	7,167.34	165.58	31.32	-39.94	-2,167.22	-7,251.29	2,807.04	2,733.03	74.00	37.930		
13,100.00	7,273.32	7,336.78	7,167.05	168.36	31.32	-39.74	-2,166.76	-7,251.31	2,707.19	2,633.11	74.09	36.540		
13,200.00	7,274.13	7,336.23	7,166.76	171.14	31.31	-39.53	-2,166.28	-7,251.32	2,607.36	2,533.19	74.18	35.151		
13,300.00	7,274.93	7,335.66	7,166.47	173.92	31.31	-39.33	-2,165.80	-7,251.33	2,507.54	2,433.27	74.27	33.761		
13,400.00	7,275.74	7,335.08	7,166.17	176.71	31.31	-39.11	-2,165.30	-7,251.35	2,407.74	2,333.36	74.38	32.373		
13,500.00	7,276.55	7,334.50	7,165.87	179.49	31.30	-38.90	-2,164.80	-7,251.36	2,307.95	2,233.46	74.49	30.984		
13,555.88	7,277.00	7,334.16	7,165.69	181.05	31.30	-38.77	-2,164.52	-7,251.37	2,252.19	2,177.63	74.56	30.208 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	232.08	232.00	3.28	3.36	-105.92	-2,018.79	-7,078.80	7,365.02					
100.00	100.00	319.30	319.17	3.28	3.46	-105.92	-2,018.21	-7,076.06	7,361.82	7,355.07	6.74	1,091.579		
200.00	200.00	368.17	368.03	3.34	3.53	-105.92	-2,018.09	-7,074.66	7,359.02	7,352.15	6.87	1,071.790		
300.00	299.98	422.00	421.84	3.44	3.62	-108.18	-2,017.05	-7,073.87	7,357.54	7,350.48	7.06	1,042.231		
328.75	328.71	422.00	421.84	3.48	3.62	-108.18	-2,017.05	-7,073.87	7,357.44	7,350.34	7.10	1,036.609		
400.00	399.84	457.84	457.67	3.59	3.69	-108.19	-2,016.14	-7,073.68	7,357.88	7,350.60	7.28	1,011.131		
500.00	499.45	513.00	512.82	3.79	3.81	-108.19	-2,015.27	-7,073.64	7,360.05	7,352.46	7.59	969.674		
600.00	598.70	603.04	602.86	4.04	4.02	-108.21	-2,014.65	-7,073.69	7,363.74	7,355.69	8.04	915.333		
700.00	697.47	766.62	766.43	4.32	4.47	-108.33	-2,013.10	-7,072.68	7,367.70	7,358.92	8.78	839.119		
800.00	795.62	865.64	865.43	4.64	4.77	-108.38	-2,011.79	-7,071.95	7,372.73	7,363.32	9.41	783.511		
900.00	893.06	938.25	938.04	5.01	5.01	-108.38	-2,011.15	-7,071.43	7,379.05	7,369.04	10.01	737.318		
1,000.00	989.64	1,071.60	1,071.37	5.41	5.46	-108.51	-2,009.40	-7,070.73	7,386.67	7,375.81	10.86	680.053		
1,100.00	1,085.27	1,138.00	1,137.76	5.85	5.70	-108.50	-2,008.19	-7,070.37	7,395.29	7,383.75	11.53	641.204		
1,200.00	1,179.82	1,195.08	1,194.83	6.33	5.90	-108.45	-2,007.15	-7,070.28	7,405.50	7,393.28	12.21	606.416		
1,300.00	1,273.78	2,053.25	2,050.44	6.85	9.32	-110.78	-1,971.57	-7,033.03	7,413.93	7,397.87	16.06	461.625		
1,400.00	1,367.75	2,107.00	2,103.80	7.38	9.56	-110.94	-1,966.79	-7,028.66	7,416.04	7,399.22	16.81	441.101		
1,500.00	1,461.72	2,315.56	2,310.72	7.93	10.49	-111.55	-1,948.59	-7,010.01	7,417.80	7,399.57	18.23	406.983		
1,600.00	1,555.69	2,368.01	2,362.76	8.49	10.73	-111.70	-1,944.58	-7,004.88	7,419.19	7,400.18	19.01	390.374		
1,700.00	1,649.66	2,429.67	2,423.99	9.07	11.01	-111.87	-1,940.26	-6,999.09	7,421.24	7,401.40	19.83	374.183		
1,800.00	1,743.63	2,514.79	2,508.54	9.65	11.40	-112.11	-1,934.10	-6,991.41	7,423.76	7,403.00	20.77	357.451		
1,900.00	1,837.60	2,700.32	2,692.62	10.24	12.26	-112.65	-1,919.03	-6,973.83	7,425.89	7,403.75	22.14	335.412		
2,000.00	1,931.57	2,870.52	2,861.35	10.83	13.07	-113.13	-1,906.21	-6,955.56	7,427.20	7,403.75	23.45	316.695		
2,100.00	2,025.54	2,916.94	2,907.38	11.43	13.29	-113.25	-1,903.47	-6,950.30	7,428.42	7,404.17	24.25	306.374		
2,200.00	2,119.51	2,963.00	2,953.10	12.03	13.50	-113.38	-1,900.73	-6,945.36	7,430.38	7,405.34	25.04	296.713		
2,300.00	2,213.48	2,997.59	2,987.45	12.64	13.67	-113.47	-1,898.65	-6,941.91	7,433.18	7,407.39	25.79	288.191		
2,400.00	2,307.45	3,030.61	3,020.27	13.25	13.82	-113.56	-1,896.64	-6,938.90	7,436.91	7,410.37	26.54	280.244		
2,500.00	2,401.42	3,253.51	3,241.71	13.87	14.87	-114.18	-1,881.93	-6,918.21	7,440.83	7,412.73	28.10	264.806		
2,600.00	2,495.39	3,279.79	3,267.80	14.48	15.00	-114.25	-1,880.08	-6,915.67	7,444.12	7,415.30	28.82	258.275		
2,700.00	2,589.35	3,312.37	3,300.17	15.10	15.15	-114.34	-1,877.89	-6,912.73	7,448.34	7,418.77	29.57	251.869		
2,800.00	2,683.32	3,360.15	3,347.70	15.72	15.38	-114.47	-1,874.88	-6,908.81	7,453.48	7,423.09	30.39	245.280		
2,900.00	2,777.29	3,531.12	3,517.69	16.34	16.18	-114.94	-1,863.98	-6,894.17	7,458.55	7,426.81	31.74	234.991		
3,000.00	2,871.26	3,602.23	3,588.36	16.97	16.52	-115.14	-1,859.23	-6,887.83	7,463.40	7,430.74	32.66	228.512		
3,100.00	2,965.23	4,017.18	3,999.83	17.59	18.55	-116.29	-1,830.02	-6,843.30	7,467.12	7,432.05	35.07	212.939		
3,200.00	3,059.20	4,066.87	4,048.95	18.22	18.80	-116.43	-1,825.82	-6,837.12	7,468.75	7,432.84	35.91	207.990		
3,300.00	3,153.17	4,102.00	4,083.69	18.84	18.98	-116.53	-1,822.66	-6,832.91	7,471.07	7,434.38	36.69	203.641		
3,400.00	3,247.14	4,153.03	4,134.18	19.47	19.23	-116.68	-1,818.00	-6,827.15	7,474.16	7,436.63	37.53	199.128		
3,500.00	3,341.11	4,197.00	4,177.73	20.10	19.45	-116.80	-1,814.02	-6,822.60	7,478.16	7,439.81	38.35	195.003		
3,600.00	3,435.08	4,197.00	4,177.73	20.73	19.45	-116.80	-1,814.02	-6,822.60	7,483.18	7,444.21	38.96	192.050		
3,700.00	3,529.05	4,255.94	4,236.19	21.36	19.74	-116.97	-1,808.89	-6,817.15	7,488.87	7,449.02	39.84	187.970		
3,800.00	3,623.02	4,292.00	4,272.01	21.99	19.92	-117.08	-1,805.91	-6,814.23	7,495.62	7,455.01	40.61	184.568		
3,900.00	3,716.99	4,344.35	4,324.03	22.62	20.17	-117.23	-1,801.62	-6,810.32	7,503.16	7,461.71	41.45	181.002		
4,000.00	3,810.95	4,409.06	4,388.35	23.25	20.47	-117.41	-1,796.15	-6,805.77	7,511.30	7,468.95	42.35	177.359		
4,100.00	3,904.92	4,531.72	4,510.28	23.88	21.06	-117.77	-1,785.73	-6,797.34	7,519.82	7,476.31	43.52	172.809		
4,200.00	3,998.89	4,621.43	4,599.40	24.52	21.49	-118.02	-1,777.95	-6,790.62	7,527.89	7,483.36	44.53	169.057		
4,300.00	4,092.86	4,672.00	4,649.66	25.15	21.74	-118.17	-1,773.61	-6,787.12	7,536.67	7,491.30	45.36	166.151		
4,400.00	4,186.83	4,793.20	4,770.15	25.78	22.31	-118.51	-1,763.90	-6,778.44	7,545.41	7,498.89	46.52	162.207		
4,500.00	4,280.80	4,834.83	4,811.57	26.42	22.51	-118.63	-1,760.80	-6,775.60	7,554.75	7,507.44	47.30	159.709		
4,600.00	4,374.77	4,910.27	4,886.68	27.05	22.87	-118.84	-1,755.51	-6,770.89	7,564.81	7,516.57	48.24	156.806		
4,700.00	4,468.74	5,000.35	4,976.42	27.68	23.28	-119.08	-1,750.31	-6,765.03	7,574.93	7,525.69	49.25	153.820		
4,800.00	4,562.71	5,053.00	5,028.92	28.32	23.53	-119.21	-1,748.31	-6,761.66	7,585.51	7,535.44	50.07	151.495		
4,900.00	4,656.68	5,053.00	5,028.92	28.95	23.53	-119.21	-1,748.31	-6,761.66	7,597.14	7,546.49	50.65	149.998		
5,000.00	4,750.65	5,102.20	5,078.03	29.59	23.74	-119.33	-1,746.84	-6,759.07	7,609.39	7,557.94	51.45	147.909		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,844.62	5,148.00	5,123.78	30.23	23.94	119.44	-1,745.44	-6,757.57	7,623.01	7,570.78	52.23	145.964		
5,200.00	4,938.59	5,148.00	5,123.78	30.86	23.94	119.44	-1,745.44	-6,757.57	7,637.34	7,584.56	52.78	144.698		
5,300.00	5,032.56	5,206.17	5,181.91	31.50	24.19	119.59	-1,743.62	-6,756.35	7,652.61	7,599.00	53.61	142.746		
5,400.00	5,126.52	5,242.00	5,217.72	32.13	24.35	119.67	-1,742.46	-6,755.72	7,668.47	7,614.15	54.33	141.155		
5,500.00	5,220.49	5,279.29	5,254.99	32.77	24.49	119.76	-1,741.57	-6,755.31	7,685.16	7,630.12	55.04	139.640		
5,600.00	5,314.46	5,337.00	5,312.70	33.41	24.72	119.89	-1,741.47	-6,755.54	7,703.04	7,647.20	55.84	137.956		
5,700.00	5,408.43	5,337.00	5,312.70	34.04	24.72	119.89	-1,741.47	-6,755.54	7,721.40	7,665.04	56.36	137.005		
5,800.00	5,502.40	5,438.63	5,414.32	34.68	25.09	120.11	-1,742.56	-6,756.68	7,740.51	7,683.17	57.34	134.996		
5,900.00	5,596.37	5,548.19	5,523.87	35.32	25.49	120.35	-1,743.47	-6,757.60	7,759.43	7,701.07	58.36	132.960		
6,000.00	5,690.34	5,629.24	5,604.91	35.96	25.79	120.53	-1,744.11	-6,758.30	7,778.47	7,719.22	59.25	131.287		
6,100.00	5,784.31	5,699.47	5,675.14	36.59	26.05	120.68	-1,744.78	-6,759.06	7,797.84	7,737.76	60.09	129.779		
6,200.00	5,878.28	5,767.13	5,742.79	37.23	26.30	120.82	-1,745.47	-6,760.02	7,817.61	7,756.70	60.91	128.346		
6,300.00	5,972.25	5,841.57	5,817.21	37.87	26.58	120.98	-1,745.98	-6,761.32	7,837.79	7,776.02	61.77	126.893		
6,400.00	6,066.22	5,931.82	5,907.45	38.51	26.92	121.17	-1,746.76	-6,762.99	7,858.17	7,795.47	62.70	125.332		
6,500.00	6,160.19	6,014.94	5,990.55	39.14	27.23	121.35	-1,747.43	-6,764.60	7,878.73	7,815.13	63.60	123.887		
6,600.00	6,254.16	6,086.24	6,061.82	39.78	27.50	121.50	-1,747.92	-6,766.14	7,899.59	7,835.16	64.44	122.596		
6,700.00	6,348.13	6,247.56	6,223.12	40.42	28.12	121.84	-1,749.34	-6,768.76	7,919.89	7,854.17	65.72	120.516		
6,800.00	6,442.09	6,311.02	6,286.57	41.06	28.36	121.97	-1,749.65	-6,769.80	7,940.46	7,873.94	66.52	119.369		
6,869.92	6,507.80	6,352.00	6,327.54	41.51	28.52	122.06	-1,750.06	-6,770.59	7,955.11	7,888.05	67.06	118.621		
6,900.00	6,536.18	6,366.59	6,342.11	41.69	28.57	115.31	-1,750.46	-6,770.91	7,960.80	7,893.52	67.28	118.329		
6,950.00	6,583.76	6,384.00	6,359.51	41.98	28.64	102.16	-1,751.24	-6,771.34	7,967.31	7,899.73	67.58	117.889		
7,000.00	6,631.58	6,396.42	6,371.90	42.23	28.68	87.53	-1,752.02	-6,771.71	7,970.13	7,902.29	67.84	117.486		
7,050.00	6,679.34	6,796.00	6,754.70	42.44	29.91	73.33	-1,855.85	-6,775.22	7,967.76	7,898.01	69.75	114.230		
7,100.00	6,726.76	6,809.92	6,766.77	42.62	29.94	60.97	-1,862.79	-6,775.07	7,960.81	7,890.85	69.95	113.800		
7,150.00	6,773.53	6,828.00	6,782.23	42.78	29.98	51.09	-1,872.16	-6,774.98	7,950.24	7,880.10	70.14	113.350		
7,200.00	6,819.38	6,828.00	6,782.23	42.91	29.98	43.53	-1,872.16	-6,774.98	7,936.07	7,865.85	70.22	113.019		
7,250.00	6,864.01	6,841.05	6,793.22	43.03	30.01	37.74	-1,879.20	-6,775.00	7,918.42	7,848.10	70.32	112.601		
7,300.00	6,907.16	6,859.00	6,808.09	43.14	30.05	33.27	-1,889.25	-6,775.17	7,897.40	7,826.98	70.42	112.144		
7,350.00	6,948.56	7,174.00	7,022.89	43.24	30.57	28.47	-2,116.90	-6,771.48	7,872.15	7,800.24	71.90	109.481		
7,400.00	6,987.94	7,190.92	7,031.50	43.35	30.64	25.58	-2,131.44	-6,770.91	7,843.13	7,771.14	72.00	108.934		
7,450.00	7,025.08	7,206.00	7,038.84	43.46	30.72	23.22	-2,144.62	-6,770.53	7,811.27	7,739.20	72.07	108.384		
7,500.00	7,059.73	7,206.00	7,038.84	43.57	30.72	21.36	-2,144.62	-6,770.53	7,776.58	7,704.54	72.04	107.946		
7,550.00	7,091.70	7,206.00	7,038.84	43.70	30.72	19.80	-2,144.62	-6,770.53	7,739.33	7,667.32	72.00	107.484		
7,600.00	7,120.77	7,214.60	7,042.87	43.84	30.76	18.38	-2,152.21	-6,770.35	7,699.69	7,627.67	72.01	106.919		
7,650.00	7,146.77	7,224.28	7,047.28	44.00	30.81	17.09	-2,160.83	-6,770.15	7,657.86	7,585.83	72.03	106.318		
7,700.00	7,169.54	7,238.00	7,053.29	44.18	30.89	15.80	-2,173.16	-6,769.89	7,614.08	7,542.01	72.07	105.652		
7,750.00	7,188.94	7,243.38	7,055.57	44.38	30.92	14.57	-2,178.03	-6,769.79	7,568.59	7,496.53	72.06	105.033		
7,800.00	7,204.85	7,265.39	7,064.46	44.61	31.04	12.83	-2,198.16	-6,769.33	7,521.63	7,449.47	72.16	104.229		
7,850.00	7,217.17	7,382.33	7,101.90	44.88	31.77	7.46	-2,308.80	-6,765.67	7,473.42	7,400.43	72.99	102.395		
7,900.00	7,225.83	7,383.19	7,102.12	45.17	31.77	2.19	-2,309.62	-6,765.63	7,424.32	7,351.35	72.97	101.741		
7,950.00	7,230.77	7,383.51	7,102.21	45.50	31.77	-12.63	-2,309.93	-6,765.62	7,374.67	7,301.70	72.96	101.072		
7,985.49	7,232.00	7,383.40	7,102.18	45.75	31.77	-54.06	-2,309.83	-6,765.62	7,339.24	7,266.27	72.96	100.588		
8,000.00	7,232.12	7,383.30	7,102.15	45.86	31.77	-54.05	-2,309.73	-6,765.63	7,324.74	7,251.78	72.96	100.389		
8,100.00	7,232.93	7,382.61	7,101.97	46.71	31.77	-53.95	-2,309.06	-6,765.66	7,224.83	7,151.86	72.96	99.020		
8,200.00	7,233.74	7,381.90	7,101.78	47.73	31.76	-53.84	-2,308.38	-6,765.68	7,124.92	7,051.95	72.96	97.649		
8,300.00	7,234.54	7,381.18	7,101.59	48.94	31.76	-53.74	-2,307.69	-6,765.71	7,025.01	6,952.04	72.97	96.276		
8,400.00	7,235.35	7,277.86	7,069.18	50.32	31.11	-34.70	-2,209.69	-6,769.06	6,925.16	6,852.99	72.17	95.950		
8,500.00	7,236.16	7,277.19	7,068.93	51.86	31.11	-34.56	-2,209.08	-6,769.07	6,825.23	6,753.06	72.17	94.569		
8,600.00	7,236.97	7,276.53	7,068.69	53.54	31.10	-34.42	-2,208.46	-6,769.09	6,725.30	6,653.13	72.17	93.186		
8,700.00	7,237.77	7,275.86	7,068.44	55.33	31.10	-34.27	-2,207.84	-6,769.10	6,625.38	6,553.21	72.17	91.803		
8,800.00	7,238.58	7,275.20	7,068.19	57.24	31.09	-34.13	-2,207.23	-6,769.11	6,525.45	6,453.28	72.17	90.418		
8,900.00	7,239.39	7,274.55	7,067.95	59.24	31.09	-33.98	-2,206.62	-6,769.13	6,425.53	6,353.36	72.17	89.032		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,240.20	7,273.89	7,067.70	61.31	31.09	-33.84	-2,206.01	-6,769.14	6,325.61	6,253.44	72.17	87.644		
9,100.00	7,241.01	7,276.17	7,068.55	63.46	31.10	-34.34	-2,208.13	-6,769.09	6,225.70	6,153.50	72.20	86.230		
9,200.00	7,241.81	7,274.84	7,068.06	65.67	31.09	-34.05	-2,206.90	-6,769.12	6,125.78	6,053.59	72.20	84.847		
9,300.00	7,242.62	7,273.57	7,067.58	67.93	31.08	-33.77	-2,205.71	-6,769.15	6,025.87	5,953.68	72.20	83.463		
9,400.00	7,243.43	7,272.33	7,067.11	70.25	31.08	-33.50	-2,204.57	-6,769.18	5,925.97	5,853.77	72.20	82.077		
9,500.00	7,244.24	7,271.14	7,066.66	72.60	31.07	-33.24	-2,203.47	-6,769.21	5,826.06	5,753.86	72.20	80.690		
9,600.00	7,245.04	7,269.98	7,066.22	74.99	31.06	-32.99	-2,202.40	-6,769.23	5,726.16	5,653.95	72.21	79.302		
9,700.00	7,245.85	7,268.86	7,065.79	77.42	31.06	-32.74	-2,201.37	-6,769.26	5,626.26	5,554.05	72.21	77.912		
9,800.00	7,246.66	7,267.78	7,065.38	79.87	31.05	-32.50	-2,200.37	-6,769.28	5,526.37	5,454.15	72.22	76.522		
9,900.00	7,247.47	7,266.73	7,064.98	82.36	31.05	-32.27	-2,199.40	-6,769.30	5,426.48	5,354.25	72.23	75.131		
10,000.00	7,248.28	7,265.72	7,064.58	84.87	31.04	-32.05	-2,198.46	-6,769.33	5,326.59	5,254.35	72.24	73.739		
10,100.00	7,249.08	7,264.73	7,064.20	87.40	31.03	-31.83	-2,197.55	-6,769.35	5,226.71	5,154.46	72.25	72.346		
10,200.00	7,249.89	7,263.77	7,063.83	89.95	31.03	-31.62	-2,196.67	-6,769.37	5,126.83	5,054.57	72.26	70.952		
10,300.00	7,250.70	7,262.84	7,063.46	92.52	31.02	-31.41	-2,195.82	-6,769.39	5,026.96	4,954.69	72.27	69.558		
10,400.00	7,251.51	7,261.94	7,063.11	95.11	31.02	-31.21	-2,194.99	-6,769.41	4,927.09	4,854.80	72.28	68.163		
10,500.00	7,252.31	7,261.06	7,062.76	97.71	31.01	-31.01	-2,194.18	-6,769.43	4,827.22	4,754.92	72.30	66.767		
10,600.00	7,253.12	7,260.21	7,062.43	100.33	31.01	-30.82	-2,193.40	-6,769.44	4,727.37	4,655.05	72.32	65.371		
10,700.00	7,253.93	7,259.38	7,062.10	102.96	31.00	-30.64	-2,192.64	-6,769.46	4,627.52	4,555.18	72.33	63.974		
10,800.00	7,254.74	7,258.58	7,061.78	105.61	31.00	-30.46	-2,191.90	-6,769.48	4,527.67	4,455.32	72.35	62.577		
10,900.00	7,255.55	7,257.79	7,061.47	108.26	31.00	-30.28	-2,191.18	-6,769.50	4,427.83	4,355.46	72.37	61.179		
11,000.00	7,256.35	7,257.03	7,061.16	110.92	30.99	-30.11	-2,190.48	-6,769.51	4,328.00	4,255.60	72.40	59.781		
11,100.00	7,257.16	7,256.29	7,060.87	113.60	30.99	-29.95	-2,189.80	-6,769.53	4,228.18	4,155.76	72.42	58.383		
11,200.00	7,257.97	7,255.56	7,060.57	116.28	30.98	-29.78	-2,189.13	-6,769.54	4,128.36	4,055.92	72.45	56.985		
11,300.00	7,258.78	7,254.86	7,060.29	118.97	30.98	-29.63	-2,188.49	-6,769.56	4,028.56	3,956.08	72.47	55.586		
11,400.00	7,259.58	7,254.17	7,060.01	121.67	30.98	-29.47	-2,187.86	-6,769.57	3,928.76	3,856.26	72.50	54.186		
11,500.00	7,260.39	7,253.50	7,059.74	124.38	30.97	-29.32	-2,187.25	-6,769.58	3,828.98	3,756.44	72.54	52.787		
11,600.00	7,261.20	7,252.84	7,059.48	127.09	30.97	-29.17	-2,186.65	-6,769.60	3,729.20	3,656.63	72.57	51.388		
11,700.00	7,262.01	7,252.20	7,059.22	129.81	30.96	-29.03	-2,186.06	-6,769.61	3,629.44	3,556.84	72.61	49.988		
11,800.00	7,262.82	7,251.58	7,058.96	132.53	30.96	-28.89	-2,185.50	-6,769.62	3,529.69	3,457.05	72.65	48.588		
11,900.00	7,263.62	7,250.97	7,058.71	135.26	30.96	-28.75	-2,184.94	-6,769.64	3,429.96	3,357.27	72.69	47.188		
12,000.00	7,264.43	7,250.38	7,058.47	138.00	30.95	-28.62	-2,184.40	-6,769.65	3,330.24	3,257.51	72.73	45.788		
12,100.00	7,265.24	7,249.80	7,058.23	140.74	30.95	-28.49	-2,183.87	-6,769.66	3,230.54	3,157.76	72.78	44.387		
12,200.00	7,266.05	7,249.23	7,058.00	143.49	30.95	-28.36	-2,183.35	-6,769.67	3,130.86	3,058.03	72.83	42.987		
12,300.00	7,266.86	7,248.68	7,057.77	146.24	30.94	-28.24	-2,182.85	-6,769.68	3,031.20	2,958.31	72.89	41.586		
12,400.00	7,267.66	7,248.14	7,057.55	148.99	30.94	-28.12	-2,182.35	-6,769.69	2,931.56	2,858.61	72.95	40.185		
12,500.00	7,268.47	7,247.61	7,057.33	151.75	30.94	-28.00	-2,181.87	-6,769.70	2,831.95	2,758.93	73.02	38.784		
12,600.00	7,269.28	7,247.09	7,057.12	154.51	30.94	-27.88	-2,181.40	-6,769.71	2,732.37	2,659.28	73.09	37.382		
12,700.00	7,270.09	7,246.58	7,056.91	157.27	30.93	-27.76	-2,180.94	-6,769.72	2,632.82	2,559.64	73.17	35.980		
12,800.00	7,270.89	7,246.09	7,056.70	160.04	30.93	-27.65	-2,180.49	-6,769.73	2,533.30	2,460.04	73.26	34.578		
12,900.00	7,271.70	7,245.60	7,056.50	162.81	30.93	-27.54	-2,180.05	-6,769.74	2,433.82	2,360.46	73.36	33.175		
13,000.00	7,272.51	7,245.13	7,056.30	165.58	30.93	-27.44	-2,179.62	-6,769.75	2,334.39	2,260.91	73.48	31.771		
13,100.00	7,273.32	7,244.66	7,056.11	168.36	30.92	-27.33	-2,179.19	-6,769.76	2,235.01	2,161.41	73.60	30.367		
13,200.00	7,274.13	7,244.20	7,055.91	171.14	30.92	-27.23	-2,178.78	-6,769.77	2,135.68	2,061.94	73.74	28.961		
13,300.00	7,274.93	7,243.76	7,055.73	173.92	30.92	-27.13	-2,178.37	-6,769.78	2,036.42	1,962.52	73.91	27.554		
13,400.00	7,275.74	7,243.32	7,055.54	176.71	30.92	-27.03	-2,177.98	-6,769.79	1,937.24	1,863.15	74.09	26.146		
13,500.00	7,276.55	7,242.89	7,055.36	179.49	30.91	-26.93	-2,177.59	-6,769.79	1,838.15	1,763.83	74.31	24.736		
13,555.88	7,277.00	7,242.66	7,055.26	181.05	30.91	-26.88	-2,177.37	-6,769.80	1,782.81	1,708.36	74.45	23.947	CC, ES, SF	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-109.75	-2,032.91	-5,662.28	6,016.16					
100.00	100.00	85.00	85.00	3.28	3.29	-109.75	-2,032.91	-5,662.28	6,016.16	6,009.59	6.57	915.701		
200.00	200.00	185.00	185.00	3.34	3.31	-109.75	-2,032.91	-5,662.28	6,016.16	6,009.52	6.64	905.766		
300.00	299.98	284.98	284.98	3.44	3.34	104.31	-2,032.91	-5,662.28	6,016.59	6,009.81	6.78	887.535		
400.00	399.84	384.84	384.84	3.59	3.39	104.34	-2,032.91	-5,662.28	6,017.89	6,010.91	6.98	862.508		
500.00	499.45	484.45	484.45	3.79	3.45	104.37	-2,032.91	-5,662.28	6,020.06	6,012.82	7.24	831.814		
600.00	598.70	583.70	583.70	4.04	3.52	104.43	-2,032.91	-5,662.28	6,023.11	6,015.56	7.55	797.283		
700.00	697.47	682.47	682.47	4.32	3.61	104.49	-2,032.91	-5,662.28	6,027.06	6,019.14	7.92	760.527		
800.00	795.62	780.62	780.62	4.64	3.70	104.57	-2,032.91	-5,662.28	6,031.93	6,023.59	8.34	722.842		
900.00	893.06	878.06	878.06	5.01	3.80	104.66	-2,032.91	-5,662.28	6,037.75	6,028.94	8.81	685.198		
1,000.00	989.64	974.64	974.64	5.41	3.92	104.76	-2,032.91	-5,662.28	6,044.54	6,035.21	9.32	648.278		
1,100.00	1,085.27	1,070.27	1,070.27	5.85	4.03	104.86	-2,032.91	-5,662.28	6,052.33	6,042.45	9.88	612.538		
1,200.00	1,179.82	1,164.82	1,164.82	6.33	4.16	104.97	-2,032.91	-5,662.28	6,061.16	6,050.68	10.48	578.264		
1,300.00	1,273.78	1,258.78	1,258.78	6.85	4.29	105.27	-2,032.91	-5,662.28	6,070.62	6,059.50	11.12	545.996		
1,400.00	1,367.75	1,264.81	1,264.80	7.38	4.39	105.29	-2,032.51	-5,662.90	6,081.35	6,069.61	11.74	518.002		
1,500.00	1,461.72	1,300.00	1,299.98	7.93	4.49	105.41	-2,031.97	-5,663.75	6,092.94	6,080.56	12.38	492.197		
1,600.00	1,555.69	1,343.12	1,343.06	8.49	4.62	105.56	-2,030.98	-5,665.29	6,105.55	6,092.49	13.06	467.666		
1,700.00	1,649.66	1,400.00	1,399.84	9.07	4.80	105.76	-2,029.14	-5,668.16	6,119.25	6,105.46	13.79	443.830		
1,800.00	1,743.63	1,400.00	1,399.84	9.65	4.80	105.76	-2,029.14	-5,668.16	6,133.92	6,119.58	14.34	427.657		
1,900.00	1,837.60	1,457.49	1,457.14	10.24	4.99	105.97	-2,026.66	-5,672.01	6,149.53	6,134.44	15.10	407.389		
2,000.00	1,931.57	1,500.00	1,499.45	10.83	5.13	106.13	-2,024.43	-5,675.49	6,166.26	6,150.45	15.80	390.198		
2,100.00	2,025.54	1,531.60	1,530.86	11.43	5.24	106.25	-2,022.55	-5,678.41	6,184.00	6,167.52	16.48	375.305		
2,200.00	2,119.51	1,576.19	1,575.11	12.03	5.40	106.42	-2,019.58	-5,683.03	6,202.80	6,185.60	17.20	360.591		
2,300.00	2,213.48	1,645.03	1,643.36	12.64	5.66	106.69	-2,014.70	-5,690.62	6,222.37	6,204.34	18.03	345.160		
2,400.00	2,307.45	1,734.07	1,731.63	13.25	6.01	107.04	-2,008.40	-5,700.43	6,242.25	6,223.31	18.94	329.556		
2,500.00	2,401.42	1,823.12	1,819.91	13.87	6.37	107.39	-2,002.10	-5,710.24	6,262.39	6,242.52	19.87	315.163		
2,600.00	2,495.39	1,912.16	1,908.19	14.48	6.75	107.73	-1,995.80	-5,720.05	6,282.80	6,261.99	20.81	301.919		
2,700.00	2,589.35	2,001.21	1,996.47	15.10	7.13	108.08	-1,989.49	-5,729.86	6,303.47	6,281.72	21.76	289.716		
2,800.00	2,683.32	2,109.75	2,084.75	15.72	7.61	108.42	-1,983.19	-5,739.66	6,324.41	6,301.61	22.79	277.455		
2,900.00	2,777.29	2,179.30	2,173.02	16.34	7.92	108.76	-1,976.89	-5,749.47	6,345.59	6,321.92	23.67	268.045		
3,000.00	2,871.26	2,268.34	2,261.30	16.97	8.33	109.09	-1,970.58	-5,759.28	6,367.04	6,342.40	24.64	258.408		
3,100.00	2,965.23	2,357.39	2,349.58	17.59	8.74	109.43	-1,964.28	-5,769.09	6,388.73	6,363.13	25.61	249.470		
3,200.00	3,059.20	2,446.43	2,437.86	18.22	9.15	109.76	-1,957.98	-5,778.90	6,410.68	6,384.10	26.58	241.164		
3,300.00	3,153.17	2,535.48	2,526.14	18.84	9.57	110.10	-1,951.68	-5,788.71	6,432.87	6,405.32	27.56	233.433		
3,400.00	3,247.14	2,624.52	2,614.41	19.47	10.00	110.43	-1,945.37	-5,798.52	6,455.31	6,426.78	28.54	226.222		
3,500.00	3,341.11	2,713.56	2,702.69	20.10	10.42	110.75	-1,939.07	-5,808.33	6,477.99	6,448.48	29.51	219.486		
3,600.00	3,435.08	2,802.61	2,790.97	20.73	10.85	111.08	-1,932.77	-5,818.14	6,500.91	6,470.41	30.49	213.182		
3,700.00	3,529.05	2,908.35	2,879.25	21.36	11.36	111.41	-1,926.47	-5,827.95	6,524.06	6,492.51	31.55	206.778		
3,800.00	3,623.02	2,980.70	2,967.53	21.99	11.71	111.73	-1,920.16	-5,837.76	6,547.45	6,515.00	32.46	201.724		
3,900.00	3,716.99	3,069.74	3,055.80	22.62	12.15	112.05	-1,913.86	-5,847.57	6,571.08	6,537.64	33.44	196.506		
4,000.00	3,810.95	3,158.79	3,144.08	23.25	12.58	112.37	-1,907.56	-5,857.38	6,594.93	6,560.51	34.42	191.593		
4,100.00	3,904.92	3,247.83	3,232.36	23.88	13.02	112.68	-1,901.25	-5,867.19	6,619.01	6,583.60	35.40	186.958		
4,200.00	3,998.89	3,336.88	3,320.64	24.52	13.46	113.00	-1,894.95	-5,876.99	6,643.31	6,606.92	36.39	182.582		
4,300.00	4,092.86	3,425.92	3,408.91	25.15	13.90	113.31	-1,888.65	-5,886.80	6,667.83	6,630.47	37.37	178.443		
4,400.00	4,186.83	3,514.97	3,497.19	25.78	14.34	113.62	-1,882.35	-5,896.61	6,692.58	6,654.23	38.35	174.524		
4,500.00	4,280.80	3,604.01	3,585.47	26.42	14.78	113.93	-1,876.04	-5,906.42	6,717.54	6,678.21	39.33	170.809		
4,600.00	4,374.77	3,706.95	3,673.75	27.05	15.30	114.24	-1,869.74	-5,916.23	6,742.72	6,702.35	40.37	167.018		
4,700.00	4,468.74	3,782.10	3,762.03	27.68	15.67	114.54	-1,863.44	-5,926.04	6,768.11	6,726.82	41.29	163.932		
4,800.00	4,562.71	3,871.14	3,850.30	28.32	16.12	114.84	-1,857.13	-5,935.85	6,793.71	6,751.44	42.26	160.745		
4,900.00	4,656.68	3,960.19	3,938.58	28.95	16.56	115.15	-1,850.83	-5,945.66	6,819.51	6,776.27	43.24	157.710		
5,000.00	4,750.65	4,049.23	4,026.86	29.59	17.01	115.44	-1,844.53	-5,955.47	6,845.52	6,801.31	44.22	154.818		
5,100.00	4,844.62	4,138.28	4,115.14	30.23	17.45	115.74	-1,838.23	-5,965.28	6,871.74	6,826.55	45.19	152.058		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,227.32	4,203.42	30.86	17.90	116.04	-1,831.92	-5,975.09	6,898.15	6,851.99	46.17	149.423		
5,300.00	5,032.56	4,316.37	4,291.69	31.50	18.35	116.33	-1,825.62	-5,984.90	6,924.77	6,877.63	47.14	146.904		
5,400.00	5,126.52	4,405.41	4,379.97	32.13	18.80	116.62	-1,819.32	-5,994.71	6,951.58	6,903.47	48.11	144.495		
5,500.00	5,220.49	4,505.54	4,468.25	32.77	19.30	116.91	-1,813.01	-6,004.51	6,978.58	6,929.45	49.13	142.040		
5,600.00	5,314.46	4,583.50	4,556.53	33.41	19.70	117.20	-1,806.71	-6,014.32	7,005.77	6,955.73	50.05	139.978		
5,700.00	5,408.43	4,672.55	4,644.81	34.04	20.15	117.48	-1,800.41	-6,024.13	7,033.16	6,982.14	51.02	137.859		
5,800.00	5,502.40	4,761.59	4,733.08	34.68	20.60	117.77	-1,794.11	-6,033.94	7,060.73	7,008.75	51.98	135.825		
5,900.00	5,596.37	4,850.63	4,821.36	35.32	21.05	118.05	-1,787.80	-6,043.75	7,088.49	7,035.54	52.95	133.873		
6,000.00	5,690.34	4,939.68	4,909.64	35.96	21.50	118.33	-1,781.50	-6,053.56	7,116.43	7,062.51	53.91	131.996		
6,100.00	5,784.31	5,802.30	5,769.31	36.59	25.32	120.69	-1,752.80	-6,098.23	7,136.89	7,078.11	58.78	121.417		
6,200.00	5,878.28	5,896.27	5,863.28	37.23	25.69	120.92	-1,752.80	-6,098.23	7,155.21	7,095.48	59.74	119.777		
6,300.00	5,972.25	5,990.24	5,957.25	37.87	26.06	121.14	-1,752.80	-6,098.23	7,173.65	7,112.96	60.70	118.191		
6,400.00	6,066.22	6,084.21	6,051.22	38.51	26.42	121.36	-1,752.80	-6,098.23	7,192.21	7,130.56	61.65	116.657		
6,500.00	6,160.19	6,178.18	6,145.19	39.14	26.79	121.59	-1,752.80	-6,098.23	7,210.88	7,148.27	62.61	115.173		
6,600.00	6,254.16	6,272.15	6,239.16	39.78	27.16	121.81	-1,752.80	-6,098.23	7,229.66	7,166.10	63.57	113.736		
6,700.00	6,348.13	6,366.11	6,333.13	40.42	27.53	122.03	-1,752.80	-6,098.23	7,248.56	7,184.04	64.52	112.344		
6,800.00	6,442.09	6,460.08	6,427.09	41.06	27.90	122.25	-1,752.80	-6,098.23	7,267.57	7,202.09	65.48	110.995		
6,869.92	6,507.80	6,525.41	6,492.30	41.51	28.13	122.37	-1,756.42	-6,098.23	7,280.93	7,214.81	66.12	110.121		
6,900.00	6,536.18	6,554.50	6,521.19	41.69	28.22	115.63	-1,759.80	-6,098.23	7,285.98	7,219.60	66.39	109.748		
6,950.00	6,583.76	6,604.02	6,570.01	41.98	28.38	102.49	-1,768.08	-6,098.23	7,291.28	7,224.45	66.83	109.103		
7,000.00	6,631.58	6,654.42	6,619.04	42.23	28.52	87.87	-1,779.73	-6,098.23	7,292.67	7,225.43	67.23	108.466		
7,050.00	6,679.34	6,704.97	6,667.32	42.44	28.66	73.59	-1,794.63	-6,098.22	7,290.12	7,222.51	67.61	107.821		
7,100.00	6,726.76	6,754.91	6,713.96	42.62	28.78	61.22	-1,812.47	-6,098.22	7,283.66	7,215.72	67.94	107.201		
7,150.00	6,773.53	6,803.55	6,758.18	42.78	28.90	51.33	-1,832.72	-6,098.21	7,273.34	7,205.10	68.24	106.584		
7,200.00	6,819.38	6,850.27	6,799.34	42.91	28.99	43.70	-1,854.79	-6,098.21	7,259.22	7,190.72	68.50	105.980		
7,250.00	6,864.01	6,894.55	6,837.05	43.03	29.08	37.84	-1,878.00	-6,098.20	7,241.40	7,172.68	68.72	105.379		
7,300.00	6,907.16	6,936.01	6,871.08	43.14	29.14	33.30	-1,901.67	-6,098.20	7,220.00	7,151.09	68.91	104.772		
7,350.00	6,948.56	6,974.39	6,901.40	43.24	29.20	29.74	-1,925.20	-6,098.19	7,195.16	7,126.08	69.08	104.164		
7,400.00	6,987.94	7,009.54	6,928.10	43.35	29.26	26.88	-1,948.06	-6,098.19	7,167.04	7,097.83	69.21	103.549		
7,450.00	7,025.08	7,041.41	6,951.37	43.46	29.30	24.56	-1,969.83	-6,098.19	7,135.82	7,066.49	69.34	102.917		
7,500.00	7,059.73	7,070.00	6,971.46	43.57	29.33	22.65	-1,990.17	-6,098.18	7,101.69	7,032.26	69.43	102.281		
7,550.00	7,091.70	7,095.40	6,988.66	43.70	29.37	21.04	-2,008.86	-6,098.18	7,064.85	6,995.35	69.51	101.639		
7,600.00	7,120.77	7,117.69	7,003.23	43.84	29.39	19.68	-2,025.72	-6,098.17	7,025.53	6,955.96	69.58	100.974		
7,650.00	7,146.77	7,136.99	7,015.45	44.00	29.41	18.48	-2,040.66	-6,098.17	6,983.96	6,914.33	69.63	100.298		
7,700.00	7,169.54	7,153.41	7,025.55	44.18	29.42	17.41	-2,053.62	-6,098.17	6,940.38	6,870.71	69.67	99.615		
7,750.00	7,188.94	7,167.08	7,033.74	44.38	29.44	16.40	-2,064.56	-6,098.17	6,895.04	6,825.34	69.70	98.924		
7,800.00	7,204.85	7,178.09	7,040.19	44.61	29.45	15.36	-2,073.48	-6,098.16	6,848.22	6,778.50	69.72	98.226		
7,850.00	7,217.17	7,186.54	7,045.05	44.88	29.46	14.11	-2,080.39	-6,098.16	6,800.19	6,730.46	69.73	97.521		
7,900.00	7,225.83	7,192.48	7,048.43	45.17	29.47	12.17	-2,085.28	-6,098.16	6,751.23	6,681.49	69.74	96.810		
7,950.00	7,230.77	7,195.98	7,050.40	45.50	29.47	7.41	-2,088.17	-6,098.16	6,701.63	6,631.89	69.74	96.095		
7,985.49	7,232.00	7,196.98	7,050.96	45.75	29.47	-8.84	-2,089.00	-6,098.16	6,666.21	6,596.47	69.74	95.586		
8,000.00	7,232.12	7,197.15	7,051.05	45.86	29.47	-8.88	-2,089.14	-6,098.16	6,651.71	6,581.97	69.74	95.378		
8,100.00	7,232.93	7,200.00	7,052.64	46.71	29.48	-9.54	-2,091.50	-6,098.16	6,651.76	6,482.02	69.75	93.935		
8,200.00	7,233.74	7,200.00	7,052.64	47.73	29.48	-9.54	-2,091.50	-6,098.16	6,451.82	6,382.08	69.74	92.510		
8,300.00	7,234.54	7,200.00	7,052.64	48.94	29.48	-9.54	-2,091.50	-6,098.16	6,351.88	6,282.14	69.74	91.084		
8,400.00	7,235.35	7,200.00	7,052.64	50.32	29.48	-9.54	-2,091.50	-6,098.16	6,251.94	6,182.21	69.73	89.658		
8,500.00	7,236.16	7,202.78	7,054.19	51.86	29.48	-10.20	-2,093.82	-6,098.16	6,152.01	6,082.26	69.74	88.207		
8,600.00	7,236.97	7,203.91	7,054.81	53.54	29.48	-10.47	-2,094.76	-6,098.16	6,052.07	5,982.32	69.75	86.769		
8,700.00	7,237.77	7,205.03	7,055.43	55.33	29.48	-10.75	-2,095.69	-6,098.16	5,952.14	5,882.38	69.75	85.331		
8,800.00	7,238.58	7,206.16	7,056.05	57.24	29.48	-11.02	-2,096.64	-6,098.16	5,852.21	5,782.45	69.76	83.891		
8,900.00	7,239.39	7,207.29	7,056.67	59.24	29.48	-11.29	-2,097.58	-6,098.16	5,752.28	5,682.51	69.77	82.451		
9,000.00	7,240.20	7,208.41	7,057.29	61.31	29.48	-11.57	-2,098.52	-6,098.16	5,652.35	5,582.58	69.77	81.009		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,209.54	7,057.90	63.46	29.48	-11.84	-2,099.46	-6,098.16	5,552.43	5,482.64	69.78	79.568		
9,200.00	7,241.81	7,210.67	7,058.52	65.67	29.48	-12.12	-2,100.41	-6,098.16	5,452.50	5,382.71	69.79	78.125		
9,300.00	7,242.62	7,211.79	7,059.13	67.93	29.48	-12.40	-2,101.35	-6,098.16	5,352.58	5,282.78	69.80	76.682		
9,400.00	7,243.43	7,212.92	7,059.74	70.25	29.48	-12.68	-2,102.30	-6,098.16	5,252.67	5,182.85	69.81	75.238		
9,500.00	7,244.24	7,214.04	7,060.35	72.60	29.48	-12.96	-2,103.24	-6,098.16	5,152.75	5,082.93	69.83	73.794		
9,600.00	7,245.04	7,215.17	7,060.96	74.99	29.48	-13.24	-2,104.19	-6,098.16	5,052.84	4,983.00	69.84	72.349		
9,700.00	7,245.85	7,216.29	7,061.57	77.42	29.48	-13.52	-2,105.14	-6,098.16	4,952.94	4,883.08	69.85	70.904		
9,800.00	7,246.66	7,217.42	7,062.17	79.87	29.49	-13.80	-2,106.08	-6,098.16	4,853.03	4,783.16	69.87	69.459		
9,900.00	7,247.47	7,218.55	7,062.78	82.36	29.49	-14.09	-2,107.03	-6,098.16	4,753.13	4,683.25	69.89	68.013		
10,000.00	7,248.28	7,219.67	7,063.38	84.87	29.49	-14.37	-2,107.98	-6,098.16	4,653.24	4,583.33	69.90	66.567		
10,100.00	7,249.08	7,220.80	7,063.98	87.40	29.49	-14.66	-2,108.94	-6,098.16	4,553.35	4,483.42	69.92	65.121		
10,200.00	7,249.89	7,221.92	7,064.58	89.95	29.49	-14.95	-2,109.89	-6,098.16	4,453.46	4,383.52	69.94	63.674		
10,300.00	7,250.70	7,223.05	7,065.18	92.52	29.49	-15.24	-2,110.84	-6,098.16	4,353.58	4,283.61	69.96	62.228		
10,400.00	7,251.51	7,224.17	7,065.78	95.11	29.49	-15.53	-2,111.79	-6,098.16	4,253.70	4,183.71	69.98	60.781		
10,500.00	7,252.31	7,225.30	7,066.37	97.71	29.49	-15.82	-2,112.75	-6,098.16	4,153.83	4,083.82	70.01	59.334		
10,600.00	7,253.12	7,226.42	7,066.97	100.33	29.49	-16.11	-2,113.70	-6,098.16	4,053.96	3,983.93	70.03	57.888		
10,700.00	7,253.93	7,227.54	7,067.56	102.96	29.49	-16.40	-2,114.66	-6,098.16	3,954.10	3,884.04	70.06	56.441		
10,800.00	7,254.74	7,228.67	7,068.15	105.61	29.50	-16.70	-2,115.61	-6,098.16	3,854.25	3,784.16	70.08	54.994		
10,900.00	7,255.55	7,229.79	7,068.74	108.26	29.50	-16.99	-2,116.57	-6,098.16	3,754.40	3,684.29	70.11	53.548		
11,000.00	7,256.35	7,230.92	7,069.33	110.92	29.50	-17.29	-2,117.53	-6,098.16	3,654.56	3,584.42	70.14	52.101		
11,100.00	7,257.16	7,232.04	7,069.91	113.60	29.50	-17.58	-2,118.49	-6,098.16	3,554.74	3,484.56	70.18	50.655		
11,200.00	7,257.97	7,233.16	7,070.50	116.28	29.50	-17.88	-2,119.44	-6,098.15	3,454.92	3,384.71	70.21	49.209		
11,300.00	7,258.78	7,234.29	7,071.08	118.97	29.50	-18.18	-2,120.40	-6,098.15	3,355.11	3,284.86	70.24	47.763		
11,400.00	7,259.58	7,235.41	7,071.66	121.67	29.50	-18.48	-2,121.36	-6,098.15	3,255.31	3,185.03	70.28	46.317		
11,500.00	7,260.39	7,236.53	7,072.25	124.38	29.50	-18.77	-2,122.33	-6,098.15	3,155.52	3,085.20	70.32	44.872		
11,600.00	7,261.20	7,237.65	7,072.82	127.09	29.51	-19.07	-2,123.29	-6,098.15	3,055.75	2,985.39	70.37	43.426		
11,700.00	7,262.01	7,238.78	7,073.40	129.81	29.51	-19.37	-2,124.25	-6,098.15	2,956.00	2,885.58	70.41	41.981		
11,800.00	7,262.82	7,239.90	7,073.98	132.53	29.51	-19.68	-2,125.21	-6,098.15	2,856.26	2,785.79	70.46	40.536		
11,900.00	7,263.62	7,241.02	7,074.55	135.26	29.51	-19.98	-2,126.18	-6,098.15	2,756.53	2,686.02	70.52	39.091		
12,000.00	7,264.43	7,242.14	7,075.12	138.00	29.51	-20.28	-2,127.14	-6,098.15	2,656.83	2,586.26	70.57	37.646		
12,100.00	7,265.24	7,243.26	7,075.70	140.74	29.51	-20.58	-2,128.11	-6,098.15	2,557.15	2,486.51	70.64	36.202		
12,200.00	7,266.05	7,244.38	7,076.27	143.49	29.51	-20.89	-2,129.07	-6,098.15	2,457.50	2,386.79	70.71	34.757		
12,300.00	7,266.86	7,245.51	7,076.83	146.24	29.51	-21.19	-2,130.04	-6,098.15	2,357.87	2,287.09	70.78	33.312		
12,400.00	7,267.66	7,246.63	7,077.40	148.99	29.52	-21.50	-2,131.01	-6,098.15	2,258.28	2,187.41	70.87	31.867		
12,500.00	7,268.47	7,247.75	7,077.97	151.75	29.52	-21.80	-2,131.97	-6,098.15	2,158.72	2,087.76	70.96	30.422		
12,600.00	7,269.28	7,248.87	7,078.53	154.51	29.52	-22.11	-2,132.94	-6,098.15	2,059.21	1,988.14	71.07	28.976		
12,700.00	7,270.09	7,249.99	7,079.09	157.27	29.52	-22.41	-2,133.91	-6,098.15	1,959.74	1,888.56	71.19	27.529		
12,800.00	7,270.89	7,251.11	7,079.65	160.04	29.52	-22.72	-2,134.88	-6,098.15	1,860.34	1,789.01	71.33	26.082		
12,900.00	7,271.70	7,252.23	7,080.21	162.81	29.52	-23.03	-2,135.85	-6,098.15	1,760.99	1,689.50	71.49	24.633		
13,000.00	7,272.51	7,253.35	7,080.77	165.58	29.52	-23.34	-2,136.82	-6,098.15	1,661.73	1,590.05	71.68	23.183		
13,100.00	7,273.32	7,254.46	7,081.32	168.36	29.52	-23.64	-2,137.79	-6,098.15	1,562.56	1,490.65	71.90	21.731		
13,200.00	7,274.13	7,255.58	7,081.88	171.14	29.53	-23.95	-2,138.76	-6,098.15	1,463.50	1,391.32	72.18	20.277		
13,300.00	7,274.93	7,256.70	7,082.43	173.92	29.53	-24.26	-2,139.74	-6,098.15	1,364.57	1,292.06	72.51	18.819		
13,400.00	7,275.74	7,257.82	7,082.98	176.71	29.53	-24.57	-2,140.71	-6,098.15	1,265.81	1,192.89	72.93	17.358		
13,500.00	7,276.55	7,258.94	7,083.53	179.49	29.53	-24.88	-2,141.68	-6,098.15	1,167.27	1,093.82	73.45	15.892		
13,555.88	7,277.00	7,259.56	7,083.84	181.05	29.53	-25.05	-2,142.23	-6,098.15	1,112.31	1,038.50	73.80	15.071	CC, ES, SF	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-109.65	-2,032.91	-5,692.88	6,044.96					
100.00	100.00	85.00	85.00	3.28	3.29	-109.65	-2,032.91	-5,692.88	6,044.96	6,038.39	6.57	920.085		
200.00	200.00	185.00	185.00	3.34	3.31	-109.65	-2,032.91	-5,692.88	6,044.96	6,038.32	6.64	910.103		
300.00	299.98	284.98	284.98	3.44	3.34	104.41	-2,032.91	-5,692.88	6,045.40	6,038.62	6.78	891.785		
400.00	399.84	384.84	384.84	3.59	3.39	104.43	-2,032.91	-5,692.88	6,046.70	6,039.72	6.98	866.639		
500.00	499.45	484.45	484.45	3.79	3.45	104.47	-2,032.91	-5,692.88	6,048.89	6,041.65	7.24	835.799		
600.00	598.70	583.70	583.70	4.04	3.52	104.52	-2,032.91	-5,692.88	6,051.96	6,044.40	7.55	801.104		
700.00	697.47	682.47	682.47	4.32	3.61	104.59	-2,032.91	-5,692.88	6,055.94	6,048.01	7.92	764.173		
800.00	795.62	780.62	780.62	4.64	3.70	104.66	-2,032.91	-5,692.88	6,060.84	6,052.49	8.34	726.310		
900.00	893.06	878.06	878.06	5.01	3.80	104.75	-2,032.91	-5,692.88	6,066.69	6,057.88	8.81	688.488		
1,000.00	989.64	866.23	866.23	5.41	3.86	104.58	-2,032.63	-5,693.59	6,075.08	6,065.81	9.27	655.196		
1,100.00	1,085.27	900.00	899.98	5.85	3.94	104.48	-2,032.29	-5,694.51	6,085.09	6,075.30	9.79	621.646		
1,200.00	1,179.82	937.35	937.30	6.33	4.04	104.37	-2,031.74	-5,695.95	6,097.05	6,086.69	10.35	588.813		
1,300.00	1,273.78	972.02	971.92	6.85	4.13	104.49	-2,031.07	-5,697.70	6,110.51	6,099.57	10.95	558.232		
1,400.00	1,367.75	1,000.00	999.84	7.38	4.20	104.58	-2,030.42	-5,699.40	6,125.07	6,113.54	11.54	530.822		
1,500.00	1,461.72	1,040.45	1,040.17	7.93	4.31	104.73	-2,029.32	-5,702.30	6,140.70	6,128.52	12.18	504.026		
1,600.00	1,555.69	1,100.00	1,099.45	8.49	4.49	104.94	-2,027.32	-5,707.54	6,157.56	6,144.67	12.90	477.372		
1,700.00	1,649.66	1,100.00	1,099.45	9.07	4.49	104.94	-2,027.32	-5,707.54	6,175.23	6,161.78	13.44	459.330		
1,800.00	1,743.63	1,140.72	1,139.92	9.65	4.62	105.10	-2,025.71	-5,711.79	6,194.09	6,179.97	14.12	438.605		
1,900.00	1,837.60	1,200.00	1,198.70	10.24	4.82	105.32	-2,022.99	-5,718.93	6,214.19	6,199.32	14.87	417.892		
2,000.00	1,931.57	1,200.00	1,198.70	10.83	4.82	105.32	-2,022.99	-5,718.93	6,235.07	6,219.65	15.42	404.301		
2,100.00	2,025.54	1,242.58	1,240.82	11.43	4.97	105.49	-2,020.77	-5,724.76	6,257.15	6,241.03	16.12	388.092		
2,200.00	2,119.51	1,318.51	1,315.85	12.03	5.26	105.78	-2,016.61	-5,735.68	6,280.01	6,263.05	16.96	370.376		
2,300.00	2,213.48	1,407.06	1,403.34	12.64	5.62	106.13	-2,011.76	-5,748.42	6,303.14	6,285.29	17.85	353.110		
2,400.00	2,307.45	1,504.40	1,490.83	13.25	6.03	106.47	-2,006.91	-5,761.15	6,326.52	6,307.73	18.80	336.602		
2,500.00	2,401.42	1,584.14	1,578.32	13.87	6.38	106.81	-2,002.07	-5,773.89	6,350.16	6,330.47	19.68	322.591		
2,600.00	2,495.39	1,672.69	1,665.81	14.48	6.78	107.14	-1,997.22	-5,786.62	6,374.05	6,353.43	20.62	309.141		
2,700.00	2,589.35	1,761.23	1,753.30	15.10	7.18	107.48	-1,992.37	-5,799.35	6,398.19	6,376.63	21.56	296.753		
2,800.00	2,683.32	1,849.78	1,840.79	15.72	7.60	107.81	-1,987.52	-5,812.09	6,422.57	6,400.06	22.51	285.326		
2,900.00	2,777.29	1,938.32	1,928.28	16.34	8.03	108.14	-1,982.67	-5,824.82	6,447.20	6,423.73	23.46	274.769		
3,000.00	2,871.26	2,026.87	2,015.77	16.97	8.46	108.47	-1,977.83	-5,837.57	6,472.06	6,447.64	24.42	264.997		
3,100.00	2,965.23	2,115.41	2,103.26	17.59	8.90	108.80	-1,972.98	-5,850.29	6,497.17	6,471.78	25.39	255.936		
3,200.00	3,059.20	2,203.95	2,190.74	18.22	9.34	109.12	-1,968.13	-5,863.02	6,522.50	6,496.15	26.35	247.518		
3,300.00	3,153.17	2,292.50	2,278.23	18.84	9.78	109.44	-1,963.28	-5,875.76	6,548.07	6,520.75	27.32	239.683		
3,400.00	3,247.14	2,381.04	2,365.72	19.47	10.23	109.76	-1,958.44	-5,888.49	6,573.87	6,545.58	28.29	232.377		
3,500.00	3,341.11	2,469.59	2,453.21	20.10	10.68	110.08	-1,953.59	-5,901.22	6,599.90	6,570.64	29.26	225.552		
3,600.00	3,435.08	2,558.13	2,540.70	20.73	11.13	110.40	-1,948.74	-5,913.96	6,626.15	6,595.91	30.23	219.165		
3,700.00	3,529.05	2,646.67	2,628.19	21.36	11.59	110.71	-1,943.89	-5,926.69	6,652.62	6,621.41	31.21	213.178		
3,800.00	3,623.02	2,735.22	2,715.68	21.99	12.05	111.02	-1,939.04	-5,939.43	6,679.31	6,647.13	32.18	207.557		
3,900.00	3,716.99	2,823.76	2,803.17	22.62	12.50	111.33	-1,934.20	-5,952.16	6,706.21	6,673.06	33.15	202.271		
4,000.00	3,810.95	2,912.31	2,890.66	23.25	12.97	111.64	-1,929.35	-5,964.89	6,733.33	6,699.20	34.13	197.293		
4,100.00	3,904.92	3,000.85	2,978.15	23.88	13.43	111.95	-1,924.50	-5,977.63	6,760.66	6,725.55	35.10	192.598		
4,200.00	3,998.89	3,089.40	3,065.64	24.52	13.89	112.25	-1,919.65	-5,990.36	6,788.19	6,752.12	36.08	188.164		
4,300.00	4,092.86	3,177.94	3,153.13	25.15	14.36	112.55	-1,914.80	-6,003.09	6,815.94	6,778.89	37.05	183.969		
4,400.00	4,186.83	3,266.48	3,240.62	25.78	14.82	112.85	-1,909.96	-6,015.83	6,843.88	6,805.86	38.02	179.998		
4,500.00	4,280.80	3,355.03	3,328.11	26.42	15.29	113.15	-1,905.11	-6,028.56	6,872.03	6,833.03	38.99	176.232		
4,600.00	4,374.77	3,443.57	3,415.60	27.05	15.76	113.44	-1,900.26	-6,041.30	6,900.37	6,860.41	39.97	172.658		
4,700.00	4,468.74	3,532.12	3,503.09	27.68	16.23	113.74	-1,895.41	-6,054.03	6,928.91	6,887.98	40.94	169.261		
4,800.00	4,562.71	3,620.66	3,590.58	28.32	16.70	114.03	-1,890.57	-6,066.76	6,957.65	6,915.74	41.91	166.029		
4,900.00	4,656.68	3,709.20	3,678.07	28.95	17.17	114.32	-1,885.72	-6,079.50	6,986.57	6,943.70	42.88	162.951		
5,000.00	4,750.65	3,797.75	3,765.56	29.59	17.64	114.60	-1,880.87	-6,092.23	7,015.68	6,971.84	43.84	160.017		
5,100.00	4,844.62	3,886.29	3,853.05	30.23	18.11	114.89	-1,876.02	-6,104.97	7,044.98	7,000.17	44.81	157.217		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	3,974.84	3,940.54	30.86	18.58	115.17	-1,871.17	-6,117.70	7,074.47	7,028.69	45.78	154.542		
5,300.00	5,032.56	4,063.38	4,028.02	31.50	19.05	115.45	-1,866.33	-6,130.43	7,104.13	7,057.39	46.74	151.986		
5,400.00	5,126.52	4,151.93	4,115.51	32.13	19.52	115.73	-1,861.48	-6,143.17	7,133.98	7,086.27	47.71	149.539		
5,500.00	5,220.49	4,240.47	4,203.00	32.77	20.00	116.01	-1,856.63	-6,155.90	7,164.00	7,115.33	48.67	147.197		
5,600.00	5,314.46	4,329.01	4,290.49	33.41	20.47	116.28	-1,851.78	-6,168.63	7,194.20	7,144.56	49.63	144.952		
5,700.00	5,408.43	4,417.56	4,377.98	34.04	20.94	116.55	-1,846.93	-6,181.37	7,224.56	7,173.97	50.59	142.799		
5,800.00	5,502.40	4,506.10	4,465.47	34.68	21.42	116.82	-1,842.09	-6,194.10	7,255.10	7,203.55	51.55	140.732		
5,900.00	5,596.37	4,605.35	4,552.96	35.32	21.95	117.09	-1,837.24	-6,206.84	7,285.81	7,233.25	52.56	138.616		
6,000.00	5,690.34	4,683.19	4,640.45	35.96	22.37	117.36	-1,832.39	-6,219.57	7,316.69	7,263.22	53.47	136.838		
6,100.00	5,784.31	4,771.73	4,727.94	36.59	22.84	117.62	-1,827.54	-6,232.30	7,347.73	7,293.30	54.43	135.003		
6,200.00	5,878.28	4,860.28	4,815.43	37.23	23.32	117.89	-1,822.70	-6,245.04	7,378.93	7,323.55	55.38	133.237		
6,300.00	5,972.25	4,948.82	4,902.92	37.87	23.79	118.15	-1,817.85	-6,257.77	7,410.29	7,353.95	56.34	131.536		
6,400.00	6,066.22	5,037.37	4,990.41	38.51	24.27	118.41	-1,813.00	-6,270.50	7,441.81	7,384.52	57.29	129.896		
6,500.00	6,160.19	5,125.91	5,077.90	39.14	24.74	118.66	-1,808.15	-6,283.24	7,473.48	7,415.24	58.24	128.316		
6,600.00	6,254.16	5,214.46	5,165.39	39.78	25.22	118.92	-1,803.30	-6,295.97	7,505.31	7,446.12	59.19	126.791		
6,700.00	6,348.13	5,303.00	5,252.88	40.42	25.70	119.17	-1,798.46	-6,308.71	7,537.30	7,477.15	60.14	125.319		
6,800.00	6,442.09	5,408.46	5,340.37	41.06	26.27	119.42	-1,793.61	-6,321.44	7,569.43	7,508.25	61.17	123.739		
6,869.92	6,507.80	5,453.46	5,401.54	41.51	26.51	119.60	-1,790.22	-6,330.34	7,591.98	7,530.23	61.76	122.932		
6,900.00	6,536.18	5,480.30	5,428.07	41.69	26.65	119.93	-1,788.75	-6,334.20	7,601.03	7,538.99	62.04	122.518		
6,950.00	6,583.76	5,525.76	5,472.99	41.98	26.90	99.91	-1,786.26	-6,340.74	7,613.08	7,550.58	62.50	121.808		
7,000.00	6,631.58	5,572.02	5,518.69	42.23	27.15	85.42	-1,783.73	-6,347.39	7,621.32	7,558.38	62.94	121.083		
7,050.00	6,679.34	6,732.09	6,671.22	42.44	32.24	73.74	-1,774.00	-6,428.84	7,620.79	7,551.76	69.02	110.408		
7,100.00	6,726.76	6,783.68	6,720.92	42.62	32.38	61.41	-1,787.77	-6,428.84	7,614.34	7,544.97	69.37	109.760		
7,150.00	6,773.53	6,834.53	6,768.90	42.78	32.50	51.57	-1,804.60	-6,428.83	7,604.01	7,534.33	69.68	109.130		
7,200.00	6,819.38	6,883.90	6,814.31	42.91	32.61	43.97	-1,823.96	-6,428.83	7,589.87	7,519.92	69.95	108.508		
7,250.00	6,864.01	6,931.16	6,856.52	43.03	32.70	38.16	-1,845.20	-6,428.83	7,572.00	7,501.82	70.18	107.893		
7,300.00	6,907.16	6,975.78	6,895.09	43.14	32.78	33.66	-1,867.61	-6,428.83	7,550.53	7,480.15	70.38	107.281		
7,350.00	6,948.56	7,017.36	6,929.81	43.24	32.85	30.13	-1,890.49	-6,428.83	7,525.61	7,455.05	70.55	106.665		
7,400.00	6,987.94	7,055.65	6,960.63	43.35	32.91	27.32	-1,913.20	-6,428.82	7,497.38	7,426.68	70.70	106.044		
7,450.00	7,025.08	7,090.51	6,987.67	43.46	32.96	25.04	-1,935.20	-6,428.82	7,466.03	7,395.21	70.82	105.420		
7,500.00	7,059.73	7,121.90	7,011.13	43.57	33.00	23.18	-1,956.04	-6,428.82	7,431.76	7,360.83	70.93	104.780		
7,550.00	7,091.70	7,149.83	7,031.28	43.70	33.03	21.63	-1,975.38	-6,428.82	7,394.78	7,323.76	71.01	104.130		
7,600.00	7,120.77	7,174.39	7,048.40	43.84	33.07	20.34	-1,992.99	-6,428.82	7,355.31	7,284.23	71.08	103.475		
7,650.00	7,146.77	7,195.67	7,062.77	44.00	33.09	19.23	-2,008.69	-6,428.81	7,313.59	7,242.46	71.13	102.813		
7,700.00	7,169.54	7,213.80	7,074.66	44.18	33.11	18.28	-2,022.37	-6,428.81	7,269.87	7,198.69	71.18	102.133		
7,750.00	7,188.94	7,228.88	7,084.31	44.38	33.13	17.43	-2,033.97	-6,428.81	7,224.41	7,153.19	71.22	101.444		
7,800.00	7,204.85	7,241.04	7,091.91	44.61	33.14	16.63	-2,043.45	-6,428.81	7,177.47	7,106.23	71.24	100.750		
7,850.00	7,217.17	7,250.35	7,097.64	44.88	33.15	15.78	-2,050.79	-6,428.81	7,129.34	7,058.09	71.26	100.051		
7,900.00	7,225.83	7,256.90	7,101.61	45.17	33.16	14.60	-2,056.00	-6,428.81	7,080.31	7,009.05	71.27	99.350		
7,950.00	7,230.77	7,260.75	7,103.92	45.50	33.16	11.79	-2,059.08	-6,428.81	7,030.67	6,959.40	71.27	98.647		
7,985.49	7,232.00	7,261.85	7,104.58	45.75	33.16	-0.41	-2,059.96	-6,428.81	6,995.23	6,923.96	71.27	98.148		
8,000.00	7,232.12	7,262.02	7,104.69	45.86	33.16	-0.46	-2,060.10	-6,428.81	6,980.73	6,909.46	71.27	97.944		
8,100.00	7,232.93	7,263.23	7,105.41	46.71	33.16	-0.79	-2,061.07	-6,428.81	6,880.76	6,809.48	71.27	96.541		
8,200.00	7,233.74	7,264.44	7,106.13	47.73	33.16	-1.12	-2,062.04	-6,428.81	6,780.79	6,709.51	71.27	95.138		
8,300.00	7,234.54	7,265.65	7,106.85	48.94	33.17	-1.46	-2,063.01	-6,428.81	6,680.82	6,609.54	71.28	93.733		
8,400.00	7,235.35	7,266.86	7,107.56	50.32	33.17	-1.80	-2,063.98	-6,428.81	6,580.85	6,509.57	71.28	92.327		
8,500.00	7,236.16	7,268.07	7,108.28	51.86	33.17	-2.15	-2,064.96	-6,428.81	6,480.88	6,409.60	71.28	90.920		
8,600.00	7,236.97	7,269.28	7,108.99	53.54	33.17	-2.50	-2,065.93	-6,428.81	6,380.92	6,309.63	71.29	89.512		
8,700.00	7,237.77	7,270.49	7,109.71	55.33	33.17	-2.85	-2,066.91	-6,428.81	6,280.95	6,209.66	71.29	88.103		
8,800.00	7,238.58	7,271.69	7,110.42	57.24	33.17	-3.21	-2,067.89	-6,428.81	6,180.98	6,109.69	71.30	86.693		
8,900.00	7,239.39	7,272.90	7,111.13	59.24	33.17	-3.56	-2,068.87	-6,428.81	6,081.02	6,009.71	71.30	85.283		
9,000.00	7,240.20	7,274.11	7,111.83	61.31	33.18	-3.93	-2,069.85	-6,428.81	5,981.05	5,909.74	71.31	83.871		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,275.32	7,112.54	63.46	33.18	-4.29	-2,070.83	-6,428.81	5,881.09	5,809.77	71.32	82.459		
9,200.00	7,241.81	7,276.53	7,113.25	65.67	33.18	-4.66	-2,071.81	-6,428.81	5,781.13	5,709.80	71.33	81.046		
9,300.00	7,242.62	7,277.74	7,113.95	67.93	33.18	-5.03	-2,072.80	-6,428.81	5,681.17	5,609.83	71.34	79.633		
9,400.00	7,243.43	7,278.95	7,114.65	70.25	33.18	-5.40	-2,073.78	-6,428.81	5,581.21	5,509.86	71.35	78.219		
9,500.00	7,244.24	7,280.16	7,115.35	72.60	33.18	-5.78	-2,074.77	-6,428.81	5,481.25	5,409.88	71.37	76.804		
9,600.00	7,245.04	7,281.37	7,116.05	74.99	33.19	-6.16	-2,075.76	-6,428.81	5,381.29	5,309.91	71.38	75.389		
9,700.00	7,245.85	7,282.58	7,116.75	77.42	33.19	-6.55	-2,076.75	-6,428.81	5,281.34	5,209.94	71.39	73.974		
9,800.00	7,246.66	7,283.79	7,117.45	79.87	33.19	-6.93	-2,077.74	-6,428.81	5,181.38	5,109.97	71.41	72.558		
9,900.00	7,247.47	7,285.00	7,118.14	82.36	33.19	-7.32	-2,078.73	-6,428.81	5,081.43	5,010.00	71.43	71.142		
10,000.00	7,248.28	7,286.21	7,118.83	84.87	33.19	-7.72	-2,079.72	-6,428.81	4,981.48	4,910.03	71.44	69.725		
10,100.00	7,249.08	7,287.42	7,119.52	87.40	33.19	-8.11	-2,080.71	-6,428.81	4,881.53	4,810.07	71.46	68.309		
10,200.00	7,249.89	7,288.63	7,120.21	89.95	33.19	-8.51	-2,081.71	-6,428.81	4,781.58	4,710.10	71.48	66.892		
10,300.00	7,250.70	7,289.84	7,120.90	92.52	33.20	-8.92	-2,082.70	-6,428.81	4,681.63	4,610.13	71.50	65.475		
10,400.00	7,251.51	7,291.05	7,121.59	95.11	33.20	-9.32	-2,083.70	-6,428.81	4,581.69	4,510.16	71.52	64.058		
10,500.00	7,252.31	7,292.26	7,122.27	97.71	33.20	-9.73	-2,084.70	-6,428.81	4,481.75	4,410.20	71.55	62.641		
10,600.00	7,253.12	7,293.47	7,122.96	100.33	33.20	-10.14	-2,085.69	-6,428.81	4,381.81	4,310.24	71.57	61.224		
10,700.00	7,253.93	7,294.68	7,123.64	102.96	33.20	-10.56	-2,086.69	-6,428.81	4,281.87	4,210.27	71.59	59.807		
10,800.00	7,254.74	7,295.89	7,124.32	105.61	33.20	-10.98	-2,087.69	-6,428.81	4,181.93	4,110.31	71.62	58.390		
10,900.00	7,255.55	7,297.10	7,125.00	108.26	33.21	-11.40	-2,088.70	-6,428.81	4,082.00	4,010.35	71.65	56.974		
11,000.00	7,256.35	7,298.31	7,125.68	110.92	33.21	-11.82	-2,089.70	-6,428.81	3,982.07	3,910.40	71.67	55.557		
11,100.00	7,257.16	7,299.52	7,126.35	113.60	33.21	-12.25	-2,090.70	-6,428.81	3,882.14	3,810.44	71.70	54.141		
11,200.00	7,257.97	7,300.73	7,127.03	116.28	33.21	-12.68	-2,091.71	-6,428.81	3,782.22	3,710.49	71.73	52.725		
11,300.00	7,258.78	7,301.94	7,127.70	118.97	33.21	-13.11	-2,092.72	-6,428.81	3,682.30	3,610.53	71.77	51.309		
11,400.00	7,259.58	7,303.15	7,128.37	121.67	33.21	-13.54	-2,093.72	-6,428.80	3,582.39	3,510.59	71.80	49.893		
11,500.00	7,260.39	7,304.36	7,129.04	124.38	33.21	-13.98	-2,094.73	-6,428.80	3,482.48	3,410.64	71.84	48.478		
11,600.00	7,261.20	7,305.57	7,129.71	127.09	33.21	-14.42	-2,095.74	-6,428.80	3,382.57	3,310.70	71.87	47.063		
11,700.00	7,262.01	7,306.78	7,130.37	129.81	33.22	-14.87	-2,096.75	-6,428.80	3,282.67	3,210.76	71.91	45.649		
11,800.00	7,262.82	7,307.99	7,131.04	132.53	33.22	-15.31	-2,097.76	-6,428.80	3,182.77	3,110.82	71.95	44.235		
11,900.00	7,263.62	7,309.20	7,131.70	135.26	33.22	-15.76	-2,098.77	-6,428.80	3,082.88	3,010.89	71.99	42.822		
12,000.00	7,264.43	7,310.41	7,132.36	138.00	33.22	-16.21	-2,099.79	-6,428.80	2,983.00	2,910.96	72.04	41.409		
12,100.00	7,265.24	7,311.62	7,133.02	140.74	33.22	-16.66	-2,100.80	-6,428.80	2,883.13	2,811.04	72.08	39.997		
12,200.00	7,266.05	7,312.83	7,133.68	143.49	33.22	-17.11	-2,101.82	-6,428.80	2,783.26	2,711.13	72.13	38.585		
12,300.00	7,266.86	7,314.04	7,134.33	146.24	33.22	-17.57	-2,102.83	-6,428.80	2,683.40	2,611.22	72.18	37.174		
12,400.00	7,267.66	7,315.25	7,134.99	148.99	33.22	-18.03	-2,103.85	-6,428.80	2,583.56	2,511.32	72.24	35.764		
12,500.00	7,268.47	7,316.46	7,135.64	151.75	33.23	-18.49	-2,104.87	-6,428.80	2,483.72	2,411.43	72.30	34.354		
12,600.00	7,269.28	7,317.67	7,136.29	154.51	33.23	-18.95	-2,105.89	-6,428.80	2,383.90	2,311.54	72.36	32.945		
12,700.00	7,270.09	7,318.88	7,136.94	157.27	33.23	-19.42	-2,106.91	-6,428.80	2,284.09	2,211.67	72.43	31.536		
12,800.00	7,270.89	7,320.09	7,137.59	160.04	33.23	-19.89	-2,107.93	-6,428.80	2,184.30	2,111.80	72.50	30.128		
12,900.00	7,271.70	7,321.30	7,138.23	162.81	33.23	-20.36	-2,108.95	-6,428.80	2,084.53	2,011.95	72.58	28.720		
13,000.00	7,272.51	7,322.50	7,138.88	165.58	33.23	-20.83	-2,109.97	-6,428.80	1,984.79	1,912.12	72.67	27.312		
13,100.00	7,273.32	7,323.71	7,139.52	168.36	33.23	-21.30	-2,110.99	-6,428.80	1,885.06	1,812.29	72.77	25.905		
13,200.00	7,274.13	7,324.92	7,140.16	171.14	33.23	-21.77	-2,112.02	-6,428.80	1,785.37	1,712.49	72.88	24.497		
13,300.00	7,274.93	7,326.13	7,140.80	173.92	33.24	-22.25	-2,113.04	-6,428.80	1,685.71	1,612.70	73.01	23.089		
13,400.00	7,275.74	7,327.34	7,141.44	176.71	33.24	-22.72	-2,114.07	-6,428.80	1,586.10	1,512.94	73.16	21.681		
13,500.00	7,276.55	7,328.55	7,142.07	179.49	33.24	-23.20	-2,115.10	-6,428.80	1,486.53	1,413.20	73.33	20.272		
13,555.88	7,277.00	7,329.22	7,142.43	181.05	33.24	-23.47	-2,115.67	-6,428.80	1,430.92	1,357.48	73.44	19.484 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-109.95	-2,032.92	-5,601.10	5,958.61					
100.00	100.00	85.00	85.00	3.28	3.29	-109.95	-2,032.92	-5,601.10	5,958.61	5,952.04	6.57	906.942		
200.00	200.00	185.00	185.00	3.34	3.31	-109.95	-2,032.92	-5,601.10	5,958.61	5,951.97	6.64	897.102		
300.00	299.98	284.98	284.98	3.44	3.34	104.11	-2,032.92	-5,601.10	5,959.04	5,952.26	6.78	879.045		
400.00	399.84	384.84	384.84	3.59	3.39	104.14	-2,032.92	-5,601.10	5,960.32	5,953.34	6.98	854.257		
500.00	499.45	484.45	484.45	3.79	3.45	104.18	-2,032.92	-5,601.10	5,962.46	5,955.22	7.24	823.856		
600.00	598.70	583.70	583.70	4.04	3.52	104.23	-2,032.92	-5,601.10	5,965.47	5,957.92	7.55	789.653		
700.00	697.47	682.47	682.47	4.32	3.61	104.30	-2,032.92	-5,601.10	5,969.37	5,961.45	7.92	753.246		
800.00	795.62	780.62	780.62	4.64	3.70	104.38	-2,032.92	-5,601.10	5,974.18	5,965.84	8.34	715.918		
900.00	893.06	878.06	878.06	5.01	3.80	104.47	-2,032.92	-5,601.10	5,979.92	5,971.11	8.81	678.630		
1,000.00	989.64	1,608.09	1,591.38	5.41	5.00	106.17	-2,027.05	-5,593.16	6,008.95	5,998.55	10.41	577.359		
1,100.00	1,085.27	1,686.85	1,685.76	5.85	5.26	106.50	-2,020.97	-5,584.95	6,006.83	5,995.72	11.11	540.911		
1,200.00	1,179.82	1,780.69	1,779.06	6.33	5.60	106.82	-2,014.96	-5,576.83	6,005.88	5,993.97	11.91	504.465		
1,300.00	1,273.78	1,873.96	1,871.79	6.85	5.96	107.15	-2,008.99	-5,568.77	6,005.64	5,992.89	12.75	471.200		
1,361.08	1,331.18	1,930.92	1,928.42	7.17	6.18	107.34	-2,005.34	-5,563.84	6,005.60	5,992.32	13.28	452.353		
1,400.00	1,367.75	1,967.22	1,964.51	7.38	6.32	107.47	-2,003.01	-5,560.70	6,005.61	5,991.99	13.62	440.994		
1,500.00	1,461.72	2,060.49	2,057.24	7.93	6.70	107.79	-1,997.04	-5,552.63	6,005.80	5,991.29	14.51	413.775		
1,600.00	1,555.69	2,153.75	2,149.96	8.49	7.09	108.11	-1,991.07	-5,544.56	6,006.21	5,990.78	15.43	389.234		
1,700.00	1,649.66	2,247.02	2,242.68	9.07	7.48	108.43	-1,985.09	-5,536.49	6,006.84	5,990.48	16.36	367.089		
1,800.00	1,743.63	2,340.29	2,335.41	9.65	7.88	108.75	-1,979.12	-5,528.43	6,007.68	5,990.37	17.31	347.071		
1,900.00	1,837.60	2,433.55	2,428.13	10.24	8.29	109.07	-1,973.14	-5,520.36	6,008.74	5,990.47	18.27	328.935		
2,000.00	1,931.57	2,526.82	2,520.85	10.83	8.70	109.39	-1,967.17	-5,512.29	6,010.02	5,990.78	19.23	312.460		
2,100.00	2,025.54	2,620.08	2,613.58	11.43	9.12	109.71	-1,961.20	-5,504.22	6,011.51	5,991.30	20.21	297.454		
2,200.00	2,119.51	2,713.35	2,706.30	12.03	9.54	110.03	-1,955.22	-5,496.15	6,013.22	5,992.02	21.19	283.748		
2,300.00	2,213.48	2,806.61	2,799.02	12.64	9.96	110.35	-1,949.25	-5,488.09	6,015.14	5,992.96	22.18	271.193		
2,400.00	2,307.45	2,899.88	2,891.75	13.25	10.39	110.67	-1,943.28	-5,480.02	6,017.28	5,994.11	23.17	259.662		
2,500.00	2,401.42	3,006.86	2,984.47	13.87	10.88	110.99	-1,937.30	-5,471.95	6,019.64	5,995.41	24.23	248.440		
2,600.00	2,495.39	3,086.41	3,077.19	14.48	11.24	111.31	-1,931.33	-5,463.88	6,022.21	5,997.03	25.17	239.238		
2,700.00	2,589.35	3,179.67	3,169.92	15.10	11.68	111.63	-1,925.36	-5,455.82	6,024.99	5,998.81	26.18	230.163		
2,800.00	2,683.32	3,272.94	3,262.64	15.72	12.11	111.95	-1,919.38	-5,447.75	6,027.99	6,000.81	27.18	221.744		
2,900.00	2,777.29	3,366.20	3,355.36	16.34	12.54	112.27	-1,913.41	-5,439.68	6,031.20	6,003.01	28.19	213.916		
3,000.00	2,871.26	3,459.47	3,448.09	16.97	12.98	112.59	-1,907.44	-5,431.61	6,034.63	6,005.43	29.21	206.622		
3,100.00	2,965.23	3,552.73	3,540.81	17.59	13.42	112.91	-1,901.46	-5,423.54	6,038.27	6,008.05	30.22	199.811		
3,200.00	3,059.20	3,646.00	3,633.53	18.22	13.86	113.22	-1,895.49	-5,415.48	6,042.13	6,010.89	31.24	193.440		
3,300.00	3,153.17	3,739.26	3,726.26	18.84	14.30	113.54	-1,889.52	-5,407.41	6,046.20	6,013.94	32.25	187.469		
3,400.00	3,247.14	3,832.53	3,818.98	19.47	14.74	113.86	-1,883.54	-5,399.34	6,050.48	6,017.21	33.27	181.863		
3,500.00	3,341.11	3,925.80	3,911.70	20.10	15.18	114.18	-1,877.57	-5,391.27	6,054.97	6,020.68	34.29	176.591		
3,600.00	3,435.08	4,019.06	4,004.43	20.73	15.62	114.49	-1,871.60	-5,383.20	6,059.67	6,024.36	35.31	171.625		
3,700.00	3,529.05	4,112.33	4,097.15	21.36	16.07	114.81	-1,865.62	-5,375.14	6,064.59	6,028.26	36.33	166.941		
3,800.00	3,623.02	4,205.59	4,189.87	21.99	16.51	115.12	-1,859.65	-5,367.07	6,069.71	6,032.36	37.35	162.516		
3,900.00	3,716.99	4,301.14	4,282.60	22.62	16.97	115.44	-1,853.68	-5,359.00	6,075.05	6,036.67	38.38	158.289		
4,000.00	3,810.95	4,407.88	4,375.32	23.25	17.48	115.75	-1,847.70	-5,350.93	6,080.59	6,041.13	39.46	154.091		
4,100.00	3,904.92	4,485.39	4,468.04	23.88	17.85	116.07	-1,841.73	-5,342.86	6,086.34	6,045.93	40.41	150.606		
4,200.00	3,998.89	4,578.65	4,560.77	24.52	18.29	116.38	-1,835.76	-5,334.80	6,092.31	6,050.87	41.43	147.036		
4,300.00	4,092.86	4,671.92	4,653.49	25.15	18.74	116.69	-1,829.78	-5,326.73	6,098.47	6,056.02	42.46	143.643		
4,400.00	4,186.83	4,765.18	4,746.22	25.78	19.19	117.00	-1,823.81	-5,318.66	6,104.85	6,061.37	43.48	140.414		
4,500.00	4,280.80	4,858.45	4,838.94	26.42	19.63	117.32	-1,817.84	-5,310.59	6,111.43	6,066.93	44.50	137.338		
4,600.00	4,374.77	4,951.71	4,931.66	27.05	20.08	117.63	-1,811.86	-5,302.52	6,118.22	6,072.70	45.52	134.405		
4,700.00	4,468.74	5,044.98	5,024.39	27.68	20.53	117.94	-1,805.89	-5,294.46	6,125.21	6,078.67	46.54	131.606		
4,800.00	4,562.71	5,138.24	5,117.11	28.32	20.98	118.25	-1,799.92	-5,286.39	6,132.41	6,084.85	47.56	128.932		
4,900.00	4,656.68	5,231.51	5,209.83	28.95	21.43	118.56	-1,793.94	-5,278.32	6,139.81	6,091.23	48.58	126.376		
5,000.00	4,750.65	5,324.77	5,302.56	29.59	21.87	118.87	-1,787.97	-5,270.25	6,147.41	6,097.81	49.60	123.929		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,844.62	5,418.04	5,395.28	30.23	22.32	119.17	-1,781.99	-5,262.18	6,155.22	6,104.60	50.62	121.587		
5,200.00	4,938.59	5,511.30	5,488.00	30.86	22.77	119.48	-1,776.02	-5,254.12	6,163.23	6,111.58	51.64	119.341		
5,300.00	5,032.56	5,604.57	5,580.73	31.50	23.22	119.79	-1,770.05	-5,246.05	6,171.43	6,118.77	52.66	117.188		
5,400.00	5,126.52	5,697.84	5,673.45	32.13	23.67	120.09	-1,764.07	-5,237.98	6,179.84	6,126.16	53.68	115.120		
5,500.00	5,220.49	5,742.74	5,718.11	32.77	23.89	120.24	-1,761.27	-5,234.19	6,188.74	6,134.27	54.47	113.608		
5,600.00	5,314.46	5,775.91	5,751.14	33.41	24.04	120.34	-1,759.44	-5,231.73	6,198.72	6,143.52	55.21	112.283		
5,700.00	5,408.43	5,800.00	5,775.14	34.04	24.16	120.42	-1,758.26	-5,230.12	6,209.82	6,153.93	55.89	111.114		
5,800.00	5,502.40	5,842.48	5,817.52	34.68	24.35	120.55	-1,756.46	-5,227.70	6,221.96	6,165.32	56.64	109.842		
5,900.00	5,596.37	5,900.00	5,874.95	35.32	24.60	120.72	-1,754.62	-5,225.22	6,235.34	6,177.87	57.47	108.497		
6,000.00	5,690.34	5,900.00	5,874.95	35.96	24.60	120.72	-1,754.62	-5,225.22	6,249.54	6,191.54	58.01	107.740		
6,100.00	5,784.31	5,942.78	5,917.70	36.59	24.78	120.85	-1,753.70	-5,223.97	6,264.90	6,206.16	58.74	106.654		
6,200.00	5,878.28	6,000.00	5,974.91	37.23	25.02	121.01	-1,753.06	-5,223.11	6,281.46	6,221.91	59.54	105.497		
6,300.00	5,972.25	6,009.83	5,984.74	37.87	25.06	121.04	-1,753.02	-5,223.05	6,298.81	6,238.71	60.09	104.816		
6,400.00	6,066.22	6,076.31	6,051.22	38.51	25.32	121.22	-1,753.00	-5,223.02	6,317.18	6,256.26	60.93	103.688		
6,500.00	6,160.19	6,170.28	6,145.19	39.14	25.70	121.47	-1,753.00	-5,223.02	6,335.78	6,273.89	61.89	102.365		
6,600.00	6,254.16	6,264.25	6,239.16	39.78	26.07	121.72	-1,753.00	-5,223.02	6,354.52	6,291.65	62.86	101.086		
6,700.00	6,348.13	6,358.22	6,333.13	40.42	26.45	121.97	-1,753.00	-5,223.02	6,373.38	6,309.55	63.83	99.850		
6,800.00	6,442.09	6,449.12	6,423.85	41.06	26.77	122.17	-1,757.78	-5,223.02	6,392.38	6,327.64	64.74	98.734		
6,869.92	6,507.80	6,515.03	6,488.95	41.51	26.98	122.25	-1,767.96	-5,223.02	6,405.74	6,340.37	65.38	97.982		
6,900.00	6,536.18	6,543.89	6,517.13	41.69	27.06	115.49	-1,774.18	-5,223.02	6,410.80	6,345.16	65.64	97.668		
6,950.00	6,583.76	6,592.53	6,564.02	41.98	27.20	102.32	-1,787.05	-5,223.03	6,416.10	6,350.03	66.06	97.118		
7,000.00	6,631.58	6,641.38	6,610.21	42.23	27.33	87.66	-1,802.96	-5,223.03	6,417.49	6,351.03	66.46	96.567		
7,050.00	6,679.34	6,689.77	6,654.86	42.44	27.44	73.33	-1,821.59	-5,223.03	6,414.96	6,348.15	66.82	96.010		
7,100.00	6,726.76	6,737.04	6,697.24	42.62	27.54	60.92	-1,842.49	-5,223.03	6,408.55	6,341.42	67.13	95.461		
7,150.00	6,773.53	6,782.59	6,736.80	42.78	27.63	50.99	-1,865.07	-5,223.04	6,398.29	6,330.88	67.41	94.916		
7,200.00	6,819.38	6,825.94	6,773.13	42.91	27.71	43.31	-1,888.71	-5,223.04	6,384.27	6,316.62	67.65	94.369		
7,250.00	6,864.01	6,866.73	6,806.04	43.03	27.78	37.40	-1,912.80	-5,223.05	6,366.58	6,298.72	67.86	93.821		
7,300.00	6,907.16	6,904.68	6,835.46	43.14	27.84	32.81	-1,936.76	-5,223.05	6,345.34	6,277.31	68.03	93.269		
7,350.00	6,948.56	6,939.64	6,861.48	43.24	27.88	29.19	-1,960.10	-5,223.05	6,320.69	6,252.51	68.19	92.697		
7,400.00	6,987.94	6,971.54	6,884.27	43.35	27.93	26.28	-1,982.43	-5,223.06	6,292.79	6,224.48	68.31	92.121		
7,450.00	7,025.08	7,000.39	6,904.07	43.46	27.97	23.90	-2,003.42	-5,223.06	6,261.81	6,193.40	68.41	91.537		
7,500.00	7,059.73	7,026.24	6,921.12	43.57	27.99	21.91	-2,022.84	-5,223.06	6,227.93	6,159.43	68.50	90.922		
7,550.00	7,091.70	7,049.18	6,935.68	43.70	28.01	20.22	-2,040.55	-5,223.07	6,191.35	6,122.79	68.57	90.298		
7,600.00	7,120.77	7,069.29	6,948.02	43.84	28.04	18.75	-2,056.44	-5,223.07	6,152.29	6,083.68	68.62	89.664		
7,650.00	7,146.77	7,086.71	6,958.36	44.00	28.06	17.43	-2,070.46	-5,223.07	6,110.98	6,042.33	68.65	89.018		
7,700.00	7,169.54	7,100.00	6,966.03	44.18	28.08	16.21	-2,081.31	-5,223.07	6,067.64	5,998.97	68.66	88.371		
7,750.00	7,188.94	7,113.89	6,973.85	44.38	28.10	14.95	-2,092.79	-5,223.07	6,022.52	5,953.83	68.69	87.672		
7,800.00	7,204.85	7,123.85	6,979.32	44.61	28.11	13.57	-2,101.11	-5,223.08	5,975.89	5,907.19	68.71	86.977		
7,850.00	7,217.17	7,131.49	6,983.45	44.88	28.12	11.81	-2,107.54	-5,223.08	5,928.02	5,859.31	68.71	86.272		
7,900.00	7,225.83	7,136.88	6,986.32	45.17	28.12	8.97	-2,112.10	-5,223.08	5,879.19	5,810.48	68.71	85.559		
7,950.00	7,230.77	7,140.06	6,988.00	45.50	28.13	2.32	-2,114.80	-5,223.08	5,829.68	5,760.97	68.71	84.840		
7,985.49	7,232.00	7,140.99	6,988.49	45.75	28.13	-14.50	-2,115.59	-5,223.08	5,794.29	5,725.58	68.71	84.326		
8,000.00	7,232.12	7,141.15	6,988.57	45.86	28.13	-14.53	-2,115.73	-5,223.08	5,779.80	5,711.09	68.71	84.115		
8,100.00	7,232.93	7,142.22	6,989.14	46.71	28.13	-14.74	-2,116.64	-5,223.08	5,679.92	5,611.22	68.71	82.668		
8,200.00	7,233.74	7,143.30	6,989.70	47.73	28.13	-14.95	-2,117.56	-5,223.08	5,580.05	5,511.35	68.70	81.219		
8,300.00	7,234.54	7,144.37	6,990.26	48.94	28.13	-15.16	-2,118.47	-5,223.08	5,480.18	5,411.48	68.70	79.770		
8,400.00	7,235.35	7,145.44	6,990.82	50.32	28.13	-15.36	-2,119.39	-5,223.08	5,380.32	5,311.62	68.70	78.319		
8,500.00	7,236.16	7,146.52	6,991.38	51.86	28.14	-15.57	-2,120.31	-5,223.08	5,280.46	5,211.76	68.70	76.868		
8,600.00	7,236.97	7,147.59	6,991.93	53.54	28.14	-15.78	-2,121.22	-5,223.08	5,180.61	5,111.91	68.69	75.415		
8,700.00	7,237.77	7,148.66	6,992.49	55.33	28.14	-15.99	-2,122.14	-5,223.08	5,080.76	5,012.06	68.69	73.962		
8,800.00	7,238.58	7,149.74	6,993.04	57.24	28.14	-16.20	-2,123.06	-5,223.08	4,980.91	4,912.22	68.69	72.508		
8,900.00	7,239.39	7,150.81	6,993.60	59.24	28.14	-16.41	-2,123.98	-5,223.08	4,881.08	4,812.38	68.70	71.053		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,240.20	7,151.88	6,994.15	61.31	28.14	-16.63	-2,124.90	-5,223.08	4,781.25	4,712.55	68.70	69.598		
9,100.00	7,241.01	7,152.95	6,994.70	63.46	28.14	-16.84	-2,125.82	-5,223.08	4,681.42	4,612.72	68.70	68.141		
9,200.00	7,241.81	7,154.03	6,995.25	65.67	28.15	-17.05	-2,126.74	-5,223.08	4,581.61	4,512.90	68.71	66.685		
9,300.00	7,242.62	7,155.10	6,995.79	67.93	28.15	-17.26	-2,127.67	-5,223.08	4,481.80	4,413.09	68.71	65.227		
9,400.00	7,243.43	7,156.17	6,996.34	70.25	28.15	-17.48	-2,128.59	-5,223.08	4,382.00	4,313.29	68.72	63.770		
9,500.00	7,244.24	7,157.24	6,996.88	72.60	28.15	-17.69	-2,129.51	-5,223.08	4,282.21	4,213.49	68.72	62.311		
9,600.00	7,245.04	7,158.31	6,997.43	74.99	28.15	-17.90	-2,130.44	-5,223.08	4,182.43	4,113.70	68.73	60.853		
9,700.00	7,245.85	7,159.39	6,997.97	77.42	28.15	-18.12	-2,131.36	-5,223.08	4,082.66	4,013.92	68.74	59.393		
9,800.00	7,246.66	7,160.46	6,998.51	79.87	28.16	-18.33	-2,132.29	-5,223.08	3,982.90	3,914.15	68.75	57.934		
9,900.00	7,247.47	7,161.53	6,999.05	82.36	28.16	-18.55	-2,133.21	-5,223.08	3,883.15	3,814.39	68.76	56.474		
10,000.00	7,248.28	7,162.60	6,999.58	84.87	28.16	-18.76	-2,134.14	-5,223.08	3,783.42	3,714.65	68.77	55.014		
10,100.00	7,249.08	7,163.67	7,000.12	87.40	28.16	-18.98	-2,135.07	-5,223.08	3,683.70	3,614.91	68.79	53.553		
10,200.00	7,249.89	7,164.74	7,000.65	89.95	28.16	-19.20	-2,135.99	-5,223.08	3,583.99	3,515.19	68.80	52.092		
10,300.00	7,250.70	7,165.81	7,001.19	92.52	28.16	-19.41	-2,136.92	-5,223.08	3,484.30	3,415.49	68.82	50.631		
10,400.00	7,251.51	7,166.88	7,001.72	95.11	28.17	-19.63	-2,137.85	-5,223.08	3,384.63	3,315.80	68.84	49.170		
10,500.00	7,252.31	7,167.95	7,002.25	97.71	28.17	-19.85	-2,138.78	-5,223.08	3,284.98	3,216.13	68.86	47.708		
10,600.00	7,253.12	7,169.02	7,002.78	100.33	28.17	-20.06	-2,139.71	-5,223.08	3,185.35	3,116.47	68.88	46.246		
10,700.00	7,253.93	7,170.09	7,003.31	102.96	28.17	-20.28	-2,140.64	-5,223.08	3,085.74	3,016.84	68.90	44.784		
10,800.00	7,254.74	7,171.16	7,003.83	105.61	28.18	-20.50	-2,141.57	-5,223.08	2,986.16	2,917.23	68.93	43.322		
10,900.00	7,255.55	7,172.23	7,004.36	108.26	28.18	-20.72	-2,142.50	-5,223.08	2,886.61	2,817.65	68.96	41.859		
11,000.00	7,256.35	7,173.30	7,004.88	110.92	28.18	-20.94	-2,143.44	-5,223.08	2,787.09	2,718.10	68.99	40.397		
11,100.00	7,257.16	7,174.37	7,005.40	113.60	28.18	-21.15	-2,144.37	-5,223.08	2,687.60	2,618.57	69.03	38.933		
11,200.00	7,257.97	7,175.44	7,005.92	116.28	28.19	-21.37	-2,145.30	-5,223.08	2,588.16	2,519.08	69.07	37.469		
11,300.00	7,258.78	7,176.50	7,006.44	118.97	28.19	-21.59	-2,146.23	-5,223.08	2,488.75	2,419.63	69.12	36.005		
11,400.00	7,259.58	7,177.57	7,006.96	121.67	28.19	-21.81	-2,147.17	-5,223.08	2,389.40	2,320.22	69.18	34.540		
11,500.00	7,260.39	7,178.64	7,007.47	124.38	28.20	-22.03	-2,148.10	-5,223.08	2,290.10	2,220.86	69.24	33.075		
11,600.00	7,261.20	7,179.71	7,007.99	127.09	28.20	-22.25	-2,149.04	-5,223.08	2,190.86	2,121.55	69.31	31.608		
11,700.00	7,262.01	7,180.77	7,008.50	129.81	28.21	-22.47	-2,149.97	-5,223.08	2,091.70	2,022.30	69.40	30.141		
11,800.00	7,262.82	7,181.84	7,009.01	132.53	28.21	-22.69	-2,150.91	-5,223.08	1,992.62	1,923.12	69.50	28.672		
11,900.00	7,263.62	7,182.91	7,009.53	135.26	28.21	-22.91	-2,151.85	-5,223.08	1,893.63	1,824.02	69.62	27.201		
12,000.00	7,264.43	7,183.97	7,010.03	138.00	28.22	-23.13	-2,152.78	-5,223.08	1,794.76	1,725.00	69.76	25.729		
12,100.00	7,265.24	7,185.04	7,010.54	140.74	28.22	-23.35	-2,153.72	-5,223.08	1,696.02	1,626.09	69.93	24.254		
12,200.00	7,266.05	7,186.11	7,011.05	143.49	28.23	-23.57	-2,154.66	-5,223.08	1,597.43	1,527.30	70.13	22.777		
12,300.00	7,266.86	7,187.17	7,011.55	146.24	28.23	-23.79	-2,155.60	-5,223.08	1,499.03	1,428.65	70.39	21.297		
12,400.00	7,267.66	7,188.24	7,012.06	148.99	28.24	-24.01	-2,156.54	-5,223.08	1,400.86	1,330.15	70.70	19.813		
12,500.00	7,268.47	7,189.30	7,012.56	151.75	28.24	-24.23	-2,157.48	-5,223.08	1,302.96	1,231.86	71.10	18.325		
12,600.00	7,269.28	7,190.37	7,013.06	154.51	28.25	-24.46	-2,158.42	-5,223.08	1,205.41	1,133.79	71.61	16.833		
12,700.00	7,270.09	7,191.43	7,013.56	157.27	28.25	-24.68	-2,159.36	-5,223.08	1,108.29	1,036.02	72.27	15.336		
12,800.00	7,270.89	7,192.50	7,014.05	160.04	28.26	-24.90	-2,160.30	-5,223.08	1,011.73	938.59	73.13	13.834		
12,900.00	7,271.70	7,193.56	7,014.55	162.81	28.26	-25.12	-2,161.24	-5,223.08	915.90	841.62	74.29	12.329		
13,000.00	7,272.51	7,200.00	7,017.52	165.58	28.30	-26.46	-2,166.95	-5,223.09	821.10	744.63	76.46	10.738		
13,100.00	7,273.32	7,200.00	7,017.52	168.36	28.30	-26.46	-2,166.95	-5,223.09	727.65	649.05	78.60	9.258		
13,200.00	7,274.13	7,200.00	7,017.52	171.14	28.30	-26.46	-2,166.95	-5,223.09	636.19	554.63	81.56	7.800		
13,300.00	7,274.93	7,200.00	7,017.52	173.92	28.30	-26.46	-2,166.95	-5,223.09	547.73	462.01	85.72	6.390		
13,400.00	7,275.74	7,200.00	7,017.52	176.71	28.30	-26.46	-2,166.95	-5,223.09	463.98	372.44	91.54	5.069		
13,500.00	7,276.55	7,200.00	7,017.52	179.49	28.30	-26.46	-2,166.95	-5,223.09	388.00	288.58	99.42	3.903		
13,555.88	7,277.00	7,200.00	7,017.52	181.05	28.30	-26.46	-2,166.95	-5,223.09	350.83	246.18	104.65	3.352 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-109.85	-2,032.92	-5,631.69	5,987.38					
100.00	100.00	85.00	85.00	3.28	3.29	-109.85	-2,032.92	-5,631.69	5,987.38	5,980.81	6.57	911.321		
200.00	200.00	185.00	185.00	3.34	3.31	-109.85	-2,032.92	-5,631.69	5,987.38	5,980.74	6.64	901.433		
300.00	299.98	284.98	284.98	3.44	3.34	104.21	-2,032.92	-5,631.69	5,987.81	5,981.03	6.78	883.288		
400.00	399.84	384.84	384.84	3.59	3.39	104.24	-2,032.92	-5,631.69	5,989.10	5,982.12	6.98	858.381		
500.00	499.45	484.45	484.45	3.79	3.45	104.28	-2,032.92	-5,631.69	5,991.25	5,984.01	7.24	827.833		
600.00	598.70	583.70	583.70	4.04	3.52	104.33	-2,032.92	-5,631.69	5,994.28	5,986.73	7.55	793.466		
700.00	697.47	682.47	682.47	4.32	3.61	104.40	-2,032.92	-5,631.69	5,998.21	5,990.28	7.92	756.884		
800.00	795.62	780.62	780.62	4.64	3.70	104.48	-2,032.92	-5,631.69	6,003.05	5,994.71	8.34	719.378		
900.00	893.06	878.06	878.06	5.01	3.80	104.57	-2,032.92	-5,631.69	6,008.83	6,000.02	8.81	681.911		
1,000.00	989.64	974.64	974.64	5.41	3.92	104.67	-2,032.92	-5,631.69	6,015.58	6,006.25	9.32	645.165		
1,100.00	1,085.27	1,070.27	1,070.27	5.85	4.03	104.77	-2,032.92	-5,631.69	6,023.32	6,013.44	9.88	609.594		
1,200.00	1,179.82	1,164.82	1,164.82	6.33	4.16	104.89	-2,032.92	-5,631.69	6,032.11	6,021.62	10.48	575.480		
1,300.00	1,273.78	1,258.78	1,258.78	6.85	4.29	105.18	-2,032.92	-5,631.69	6,041.51	6,030.39	11.12	543.363		
1,400.00	1,367.75	1,352.75	1,352.75	7.38	4.42	105.48	-2,032.92	-5,631.69	6,051.09	6,039.31	11.78	513.676		
1,500.00	1,461.72	1,446.72	1,446.72	7.93	4.56	105.77	-2,032.92	-5,631.69	6,060.84	6,048.38	12.46	486.361		
1,600.00	1,555.69	1,540.69	1,540.69	8.49	4.71	106.07	-2,032.92	-5,631.69	6,070.78	6,057.62	13.16	461.300		
1,700.00	1,649.66	1,634.66	1,634.66	9.07	4.86	106.36	-2,032.92	-5,631.69	6,080.89	6,067.02	13.87	438.334		
1,800.00	1,743.63	1,728.63	1,728.63	9.65	5.01	106.65	-2,032.92	-5,631.69	6,091.17	6,076.58	14.60	417.286		
1,900.00	1,837.60	1,822.60	1,822.60	10.24	5.17	106.94	-2,032.92	-5,631.69	6,101.63	6,086.30	15.33	397.981		
2,000.00	1,931.57	1,916.57	1,916.57	10.83	5.33	107.23	-2,032.92	-5,631.69	6,112.27	6,096.19	16.07	380.250		
2,100.00	2,025.54	2,010.54	2,010.54	11.43	5.52	107.53	-2,032.89	-5,631.70	6,123.07	6,106.22	16.85	363.352		
2,200.00	2,119.51	2,104.51	2,104.51	12.03	5.93	107.90	-2,030.17	-5,632.20	6,133.86	6,116.01	17.85	343.623		
2,300.00	2,213.48	2,203.48	2,203.48	12.64	6.34	108.30	-2,023.31	-5,633.47	6,144.58	6,125.73	18.85	325.933		
2,400.00	2,307.45	2,297.45	2,297.45	13.25	6.71	108.67	-2,014.33	-5,635.14	6,155.34	6,135.52	19.82	310.595		
2,500.00	2,401.42	2,391.42	2,391.42	13.87	7.07	109.02	-2,005.70	-5,636.74	6,166.36	6,145.59	20.77	296.910		
2,600.00	2,495.39	2,485.39	2,485.39	14.48	7.43	109.37	-1,997.07	-5,638.34	6,177.65	6,155.92	21.73	284.314		
2,700.00	2,589.35	2,579.35	2,579.35	15.10	7.80	109.72	-1,988.44	-5,639.94	6,189.21	6,166.51	22.70	272.701		
2,800.00	2,683.32	2,673.32	2,673.32	15.72	8.21	110.07	-1,979.81	-5,641.54	6,201.04	6,177.34	23.71	261.591		
2,900.00	2,777.29	2,767.29	2,767.29	16.34	8.56	110.41	-1,971.17	-5,643.14	6,213.15	6,188.49	24.65	252.051		
3,000.00	2,871.26	2,861.26	2,861.26	16.97	8.95	110.76	-1,962.54	-5,644.75	6,225.52	6,199.88	25.64	242.852		
3,100.00	2,965.23	2,955.23	2,955.23	17.59	9.34	111.10	-1,953.91	-5,646.35	6,238.15	6,211.53	26.62	234.308		
3,200.00	3,059.20	3,049.20	3,049.20	18.22	9.73	111.45	-1,945.28	-5,647.95	6,251.05	6,223.44	27.62	226.359		
3,300.00	3,153.17	3,143.17	3,143.17	18.84	10.13	111.79	-1,936.64	-5,649.55	6,264.22	6,235.61	28.61	218.948		
3,400.00	3,247.14	3,237.14	3,237.14	19.47	10.53	112.13	-1,928.01	-5,651.15	6,277.64	6,248.03	29.61	212.028		
3,500.00	3,341.11	3,331.11	3,331.11	20.10	10.93	112.47	-1,919.38	-5,652.75	6,291.32	6,260.72	30.61	205.555		
3,600.00	3,435.08	3,425.08	3,425.08	20.73	11.34	112.80	-1,910.75	-5,654.35	6,305.27	6,273.66	31.61	199.489		
3,700.00	3,529.05	3,519.05	3,519.05	21.36	11.74	113.14	-1,902.12	-5,655.95	6,319.46	6,286.86	32.61	193.796		
3,800.00	3,623.02	3,613.02	3,613.02	21.99	12.15	113.47	-1,893.48	-5,657.55	6,333.92	6,300.31	33.61	188.444		
3,900.00	3,716.99	3,706.99	3,706.99	22.62	12.64	113.81	-1,884.85	-5,659.16	6,348.62	6,313.93	34.70	182.982		
4,000.00	3,810.95	3,800.95	3,800.95	23.25	12.97	114.14	-1,876.22	-5,660.76	6,363.58	6,327.96	35.62	178.655		
4,100.00	3,904.92	3,894.92	3,894.92	23.88	13.38	114.47	-1,867.59	-5,662.36	6,378.78	6,342.16	36.62	174.171		
4,200.00	3,998.89	3,988.89	3,988.89	24.52	13.80	114.80	-1,858.96	-5,663.96	6,394.24	6,356.61	37.63	169.932		
4,300.00	4,092.86	4,082.86	4,082.86	25.15	14.21	115.13	-1,850.32	-5,665.56	6,409.93	6,371.30	38.63	165.920		
4,400.00	4,186.83	4,176.83	4,176.83	25.78	14.63	115.46	-1,841.69	-5,667.16	6,425.87	6,386.24	39.64	162.118		
4,500.00	4,280.80	4,270.80	4,270.80	26.42	15.05	115.78	-1,833.06	-5,668.76	6,442.06	6,401.42	40.64	158.511		
4,600.00	4,374.77	4,364.77	4,364.77	27.05	15.46	116.11	-1,824.43	-5,670.36	6,458.48	6,416.84	41.64	155.085		
4,700.00	4,468.74	4,458.74	4,458.74	27.68	15.88	116.43	-1,815.79	-5,671.96	6,475.14	6,432.50	42.65	151.828		
4,800.00	4,562.71	4,552.71	4,552.71	28.32	16.30	116.75	-1,807.16	-5,673.57	6,492.04	6,448.39	43.65	148.727		
4,900.00	4,656.68	4,646.68	4,646.68	28.95	16.76	117.07	-1,798.53	-5,675.17	6,509.18	6,464.49	44.69	145.652		
5,000.00	4,750.65	4,740.65	4,740.65	29.59	17.14	117.39	-1,789.90	-5,676.77	6,526.54	6,480.89	45.65	142.956		
5,100.00	4,844.62	4,834.62	4,834.62	30.23	17.56	117.71	-1,781.27	-5,678.37	6,544.14	6,497.48	46.65	140.268		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,867.46	4,854.81	30.86	17.98	118.03	-1,772.63	-5,679.97	6,561.96	6,514.31	47.65	137.699		
5,300.00	5,032.56	4,966.07	4,952.96	31.50	18.44	118.37	-1,763.39	-5,681.68	6,580.00	6,531.31	48.69	135.131		
5,400.00	5,126.52	5,091.43	5,078.05	32.13	19.00	118.77	-1,755.45	-5,683.16	6,597.93	6,548.07	49.85	132.351		
5,500.00	5,220.49	5,218.90	5,205.49	32.77	19.54	119.12	-1,752.90	-5,683.63	6,615.53	6,564.54	50.99	129.734		
5,600.00	5,314.46	5,312.87	5,299.46	33.41	19.93	119.37	-1,752.90	-5,683.63	6,633.04	6,581.07	51.97	127.637		
5,700.00	5,408.43	5,406.84	5,393.43	34.04	20.32	119.62	-1,752.90	-5,683.63	6,650.67	6,597.73	52.94	125.620		
5,800.00	5,502.40	5,500.81	5,487.40	34.68	20.72	119.86	-1,752.90	-5,683.63	6,668.44	6,614.52	53.92	123.681		
5,900.00	5,596.37	5,594.78	5,581.37	35.32	21.11	120.10	-1,752.90	-5,683.63	6,686.34	6,631.45	54.89	121.814		
6,000.00	5,690.34	5,688.75	5,675.34	35.96	21.50	120.34	-1,752.90	-5,683.63	6,704.36	6,648.50	55.86	120.015		
6,100.00	5,784.31	5,782.72	5,769.31	36.59	21.89	120.58	-1,752.90	-5,683.63	6,722.50	6,665.67	56.83	118.282		
6,200.00	5,878.28	5,876.69	5,863.28	37.23	22.28	120.82	-1,752.90	-5,683.63	6,740.78	6,682.97	57.81	116.611		
6,300.00	5,972.25	5,970.66	5,957.25	37.87	22.67	121.06	-1,752.90	-5,683.63	6,759.17	6,700.40	58.78	114.998		
6,400.00	6,066.22	6,064.63	6,051.22	38.51	23.07	121.30	-1,752.90	-5,683.63	6,777.69	6,717.94	59.75	113.441		
6,500.00	6,160.19	6,158.60	6,145.19	39.14	23.46	121.53	-1,752.90	-5,683.63	6,796.33	6,735.61	60.72	111.937		
6,600.00	6,254.16	6,252.57	6,239.16	39.78	23.85	121.77	-1,752.90	-5,683.63	6,815.09	6,753.41	61.68	110.483		
6,700.00	6,348.13	6,346.54	6,333.13	40.42	24.25	122.00	-1,752.90	-5,683.63	6,833.97	6,771.32	62.65	109.078		
6,800.00	6,442.09	6,440.50	6,427.09	41.06	24.64	122.23	-1,752.90	-5,683.63	6,852.97	6,789.35	63.62	107.718		
6,869.92	6,507.80	6,506.21	6,492.80	41.51	24.91	122.40	-1,752.90	-5,683.63	6,866.32	6,802.03	64.30	106.794		
6,900.00	6,536.18	6,534.83	6,521.41	41.69	25.02	115.68	-1,753.46	-5,683.63	6,871.39	6,806.81	64.57	106.413		
6,950.00	6,583.76	6,584.06	6,570.51	41.98	25.21	102.59	-1,756.93	-5,683.63	6,876.70	6,811.67	65.03	105.745		
7,000.00	6,631.58	6,634.81	6,620.78	42.23	25.38	88.01	-1,763.80	-5,683.63	6,878.11	6,812.65	65.45	105.084		
7,050.00	6,679.34	6,686.37	6,671.28	42.44	25.54	73.76	-1,774.19	-5,683.63	6,875.58	6,809.74	65.84	104.426		
7,100.00	6,726.76	6,737.97	6,721.00	42.62	25.69	61.44	-1,787.97	-5,683.62	6,869.13	6,802.95	66.19	103.786		
7,150.00	6,773.53	6,788.84	6,768.98	42.78	25.83	51.59	-1,804.81	-5,683.62	6,858.80	6,792.31	66.49	103.154		
7,200.00	6,819.38	6,838.23	6,814.41	42.91	25.96	43.99	-1,824.18	-5,683.62	6,844.65	6,777.90	66.75	102.534		
7,250.00	6,864.01	6,885.50	6,856.62	43.03	26.08	38.17	-1,845.43	-5,683.61	6,826.79	6,759.80	66.98	101.918		
7,300.00	6,907.16	6,930.12	6,895.20	43.14	26.19	33.66	-1,867.86	-5,683.61	6,805.32	6,738.14	67.18	101.300		
7,350.00	6,948.56	6,971.71	6,929.91	43.24	26.29	30.12	-1,890.75	-5,683.61	6,780.39	6,713.04	67.35	100.680		
7,400.00	6,987.94	7,010.01	6,960.74	43.35	26.39	27.29	-1,913.47	-5,683.60	6,752.16	6,684.67	67.49	100.051		
7,450.00	7,025.08	7,044.87	6,987.78	43.46	26.49	25.00	-1,935.47	-5,683.60	6,720.82	6,653.21	67.61	99.407		
7,500.00	7,059.73	7,076.26	7,011.24	43.57	26.58	23.12	-1,956.32	-5,683.59	6,686.56	6,618.85	67.71	98.757		
7,550.00	7,091.70	7,104.20	7,031.38	43.70	26.65	21.55	-1,975.67	-5,683.59	6,649.59	6,581.80	67.78	98.100		
7,600.00	7,120.77	7,128.75	7,048.50	43.84	26.74	20.23	-1,993.28	-5,683.59	6,610.13	6,542.28	67.86	97.412		
7,650.00	7,146.77	7,150.04	7,062.87	44.00	26.81	19.09	-2,008.98	-5,683.59	6,568.43	6,500.52	67.91	96.720		
7,700.00	7,169.54	7,168.16	7,074.75	44.18	26.87	18.10	-2,022.66	-5,683.58	6,524.73	6,456.78	67.95	96.021		
7,750.00	7,188.94	7,183.25	7,084.40	44.38	26.92	17.20	-2,034.26	-5,683.58	6,479.29	6,411.31	67.98	95.313		
7,800.00	7,204.85	7,195.40	7,092.00	44.61	26.96	16.32	-2,043.74	-5,683.58	6,432.37	6,364.37	68.00	94.598		
7,850.00	7,217.17	7,204.71	7,097.72	44.88	26.99	15.34	-2,051.09	-5,683.58	6,384.26	6,316.25	68.01	93.870		
7,900.00	7,225.83	7,211.26	7,101.69	45.17	27.02	13.93	-2,056.30	-5,683.58	6,335.24	6,267.22	68.02	93.134		
7,950.00	7,230.77	7,215.10	7,104.00	45.50	27.04	10.49	-2,059.37	-5,683.58	6,285.61	6,217.58	68.03	92.397		
7,985.49	7,232.00	7,216.20	7,104.66	45.75	27.04	-3.65	-2,060.25	-5,683.58	6,250.17	6,182.14	68.03	91.874		
8,000.00	7,232.12	7,216.38	7,104.76	45.86	27.04	-3.70	-2,060.39	-5,683.58	6,235.67	6,167.64	68.03	91.661		
8,100.00	7,232.93	7,217.58	7,105.48	46.71	27.05	-4.05	-2,061.36	-5,683.58	6,135.70	6,067.67	68.03	90.192		
8,200.00	7,233.74	7,218.78	7,106.20	47.73	27.05	-4.41	-2,062.32	-5,683.58	6,035.74	5,967.71	68.03	88.722		
8,300.00	7,234.54	7,219.99	7,106.91	48.94	27.06	-4.78	-2,063.29	-5,683.58	5,935.77	5,867.74	68.03	87.250		
8,400.00	7,235.35	7,221.19	7,107.63	50.32	27.06	-5.14	-2,064.26	-5,683.58	5,835.81	5,767.78	68.03	85.778		
8,500.00	7,236.16	7,222.40	7,108.34	51.86	27.07	-5.51	-2,065.23	-5,683.58	5,735.85	5,667.81	68.04	84.305		
8,600.00	7,236.97	7,223.60	7,109.05	53.54	27.07	-5.88	-2,066.20	-5,683.58	5,635.89	5,567.85	68.04	82.831		
8,700.00	7,237.77	7,224.80	7,109.76	55.33	27.08	-6.26	-2,067.17	-5,683.58	5,535.93	5,467.88	68.05	81.356		
8,800.00	7,238.58	7,226.01	7,110.47	57.24	27.08	-6.64	-2,068.15	-5,683.58	5,435.97	5,367.92	68.05	79.880		
8,900.00	7,239.39	7,227.21	7,111.18	59.24	27.09	-7.02	-2,069.12	-5,683.58	5,336.01	5,267.96	68.06	78.403		
9,000.00	7,240.20	7,228.42	7,111.88	61.31	27.09	-7.41	-2,070.10	-5,683.57	5,236.06	5,167.99	68.07	76.926		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,229.62	7,112.59	63.46	27.10	-7.79	-2,071.08	-5,683.57	5,136.10	5,068.03	68.07	75.448		
9,200.00	7,241.81	7,230.83	7,113.29	65.67	27.10	-8.19	-2,072.06	-5,683.57	5,036.15	4,968.07	68.08	73.969		
9,300.00	7,242.62	7,232.03	7,113.99	67.93	27.11	-8.58	-2,073.04	-5,683.57	4,936.20	4,868.11	68.09	72.490		
9,400.00	7,243.43	7,233.24	7,114.69	70.25	27.11	-8.98	-2,074.02	-5,683.57	4,836.25	4,768.15	68.11	71.011		
9,500.00	7,244.24	7,234.44	7,115.39	72.60	27.12	-9.38	-2,075.00	-5,683.57	4,736.30	4,668.19	68.12	69.531		
9,600.00	7,245.04	7,235.65	7,116.08	74.99	27.12	-9.78	-2,075.98	-5,683.57	4,636.36	4,568.23	68.13	68.051		
9,700.00	7,245.85	7,236.85	7,116.78	77.42	27.13	-10.19	-2,076.97	-5,683.57	4,536.41	4,468.27	68.14	66.570		
9,800.00	7,246.66	7,238.06	7,117.47	79.87	27.13	-10.60	-2,077.96	-5,683.57	4,436.47	4,368.31	68.16	65.090		
9,900.00	7,247.47	7,239.26	7,118.16	82.36	27.14	-11.01	-2,078.94	-5,683.57	4,336.53	4,268.36	68.18	63.609		
10,000.00	7,248.28	7,240.47	7,118.85	84.87	27.14	-11.43	-2,079.93	-5,683.57	4,236.59	4,168.40	68.19	62.127		
10,100.00	7,249.08	7,241.67	7,119.54	87.40	27.15	-11.85	-2,080.92	-5,683.57	4,136.66	4,068.45	68.21	60.646		
10,200.00	7,249.89	7,242.88	7,120.23	89.95	27.15	-12.27	-2,081.91	-5,683.57	4,036.73	3,968.50	68.23	59.165		
10,300.00	7,250.70	7,244.08	7,120.91	92.52	27.16	-12.70	-2,082.90	-5,683.57	3,936.80	3,868.55	68.25	57.684		
10,400.00	7,251.51	7,245.29	7,121.60	95.11	27.16	-13.12	-2,083.89	-5,683.57	3,836.87	3,768.60	68.27	56.203		
10,500.00	7,252.31	7,246.49	7,122.28	97.71	27.17	-13.56	-2,084.89	-5,683.57	3,736.95	3,668.66	68.29	54.722		
10,600.00	7,253.12	7,247.70	7,122.96	100.33	27.17	-13.99	-2,085.88	-5,683.57	3,637.03	3,568.72	68.31	53.241		
10,700.00	7,253.93	7,248.90	7,123.64	102.96	27.18	-14.42	-2,086.88	-5,683.57	3,537.12	3,468.78	68.34	51.760		
10,800.00	7,254.74	7,250.11	7,124.32	105.61	27.18	-14.86	-2,087.87	-5,683.57	3,437.21	3,368.85	68.36	50.280		
10,900.00	7,255.55	7,251.31	7,124.99	108.26	27.19	-15.30	-2,088.87	-5,683.57	3,337.31	3,268.92	68.39	48.799		
11,000.00	7,256.35	7,252.52	7,125.67	110.92	27.19	-15.75	-2,089.87	-5,683.57	3,237.41	3,168.99	68.42	47.320		
11,100.00	7,257.16	7,253.72	7,126.34	113.60	27.20	-16.19	-2,090.87	-5,683.57	3,137.51	3,069.07	68.44	45.840		
11,200.00	7,257.97	7,254.93	7,127.01	116.28	27.20	-16.64	-2,091.87	-5,683.57	3,037.63	2,969.15	68.48	44.361		
11,300.00	7,258.78	7,256.13	7,127.68	118.97	27.21	-17.09	-2,092.87	-5,683.57	2,937.75	2,869.24	68.51	42.882		
11,400.00	7,259.58	7,257.34	7,128.35	121.67	27.21	-17.55	-2,093.88	-5,683.57	2,837.87	2,769.33	68.54	41.404		
11,500.00	7,260.39	7,258.54	7,129.01	124.38	27.22	-18.00	-2,094.88	-5,683.57	2,738.01	2,669.43	68.58	39.926		
11,600.00	7,261.20	7,259.75	7,129.68	127.09	27.22	-18.46	-2,095.88	-5,683.57	2,638.16	2,569.54	68.62	38.448		
11,700.00	7,262.01	7,260.95	7,130.34	129.81	27.23	-18.92	-2,096.89	-5,683.57	2,538.31	2,469.66	68.66	36.972		
11,800.00	7,262.82	7,262.16	7,131.00	132.53	27.23	-19.38	-2,097.90	-5,683.57	2,438.48	2,369.78	68.70	35.495		
11,900.00	7,263.62	7,263.36	7,131.66	135.26	27.24	-19.85	-2,098.90	-5,683.57	2,338.67	2,269.92	68.75	34.019		
12,000.00	7,264.43	7,264.57	7,132.32	138.00	27.24	-20.31	-2,099.91	-5,683.57	2,238.87	2,170.07	68.80	32.543		
12,100.00	7,265.24	7,265.77	7,132.98	140.74	27.25	-20.78	-2,100.92	-5,683.57	2,139.08	2,070.23	68.85	31.068		
12,200.00	7,266.05	7,266.98	7,133.63	143.49	27.25	-21.25	-2,101.93	-5,683.57	2,039.32	1,970.41	68.91	29.593		
12,300.00	7,266.86	7,268.18	7,134.29	146.24	27.26	-21.72	-2,102.95	-5,683.57	1,939.58	1,870.60	68.98	28.118		
12,400.00	7,267.66	7,269.38	7,134.94	148.99	27.26	-22.20	-2,103.96	-5,683.57	1,839.87	1,770.81	69.06	26.643		
12,500.00	7,268.47	7,270.59	7,135.59	151.75	27.27	-22.67	-2,104.97	-5,683.57	1,740.19	1,671.05	69.14	25.168		
12,600.00	7,269.28	7,271.79	7,136.23	154.51	27.27	-23.15	-2,105.99	-5,683.57	1,640.55	1,571.31	69.24	23.693		
12,700.00	7,270.09	7,273.00	7,136.88	157.27	27.28	-23.62	-2,107.00	-5,683.57	1,540.95	1,471.59	69.36	22.217		
12,800.00	7,270.89	7,274.20	7,137.53	160.04	27.28	-24.10	-2,108.02	-5,683.57	1,441.41	1,371.91	69.50	20.741		
12,900.00	7,271.70	7,275.40	7,138.17	162.81	27.29	-24.58	-2,109.03	-5,683.57	1,341.93	1,272.27	69.66	19.263		
13,000.00	7,272.51	7,276.61	7,138.81	165.58	27.29	-25.06	-2,110.05	-5,683.57	1,242.54	1,172.67	69.87	17.783		
13,100.00	7,273.32	7,277.81	7,139.45	168.36	27.30	-25.54	-2,111.07	-5,683.57	1,143.25	1,073.12	70.14	16.301		
13,200.00	7,274.13	7,279.01	7,140.09	171.14	27.30	-26.03	-2,112.09	-5,683.57	1,044.10	973.62	70.48	14.815		
13,300.00	7,274.93	7,280.21	7,140.73	173.92	27.31	-26.51	-2,113.11	-5,683.57	945.12	874.19	70.93	13.325		
13,400.00	7,275.74	7,281.42	7,141.36	176.71	27.31	-27.00	-2,114.13	-5,683.57	846.38	774.83	71.55	11.828		
13,500.00	7,276.55	7,282.62	7,141.99	179.49	27.32	-27.48	-2,115.16	-5,683.57	747.98	675.54	72.44	10.325		
13,555.88	7,277.00	7,283.29	7,142.35	181.05	27.32	-27.75	-2,115.73	-5,683.57	693.18	620.07	73.11	9.482 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-10.27	1,523.52	-276.14	1,551.20					
100.00	100.00	6.00	6.00	3.28	3.28	-10.27	1,523.52	-276.14	1,548.34	1,541.78	6.57	235.799		
200.00	200.00	106.00	106.00	3.34	3.82	-10.27	1,523.52	-276.14	1,548.34	1,541.19	7.16	216.387 CC		
300.00	299.98	205.98	205.98	3.44	6.36	-156.23	1,523.52	-276.14	1,549.94	1,540.14	9.80	158.201 ES		
400.00	399.84	305.84	305.84	3.59	9.51	-156.27	1,523.52	-276.14	1,554.73	1,541.63	13.11	118.612		
500.00	499.45	405.45	405.45	3.79	12.84	-156.33	1,523.52	-276.14	1,562.72	1,546.09	16.63	93.977		
600.00	598.70	504.70	504.70	4.04	16.21	-156.42	1,523.52	-276.14	1,573.90	1,553.65	20.25	77.742		
700.00	697.47	603.47	603.47	4.32	19.60	-156.53	1,523.52	-276.14	1,588.27	1,564.36	23.91	66.419		
800.00	795.62	701.62	701.62	4.64	22.98	-156.66	1,523.52	-276.14	1,605.83	1,578.22	27.61	58.164		
900.00	893.06	800.94	799.06	5.01	26.42	-156.81	1,523.52	-276.14	1,626.58	1,595.19	31.38	51.830		
1,000.00	989.64	904.36	895.64	5.41	30.01	-156.97	1,523.52	-276.14	1,650.51	1,615.18	35.33	46.716		
1,100.00	1,085.27	1,008.73	991.27	5.85	33.63	-157.14	1,523.52	-276.14	1,677.61	1,638.27	39.34	42.646		
1,200.00	1,179.82	1,085.82	1,085.82	6.33	36.31	-157.32	1,523.52	-276.14	1,707.86	1,665.44	42.42	40.261		
1,300.00	1,273.78	1,179.78	1,179.78	6.85	39.58	-157.75	1,523.52	-276.14	1,739.74	1,693.64	46.10	37.738		
1,400.00	1,367.75	1,273.75	1,273.75	7.38	42.85	-158.16	1,523.52	-276.14	1,771.71	1,721.92	49.79	35.583		
1,500.00	1,461.72	1,367.72	1,367.72	7.93	46.12	-158.56	1,523.52	-276.14	1,803.76	1,750.26	53.49	33.719		
1,600.00	1,555.69	1,461.69	1,461.69	8.49	49.39	-158.95	1,523.52	-276.14	1,835.88	1,778.68	57.21	32.092		
1,700.00	1,649.66	1,555.66	1,555.66	9.07	52.66	-159.32	1,523.52	-276.14	1,868.08	1,807.16	60.93	30.661		
1,800.00	1,743.63	1,649.63	1,649.63	9.65	55.94	-159.69	1,523.52	-276.14	1,900.35	1,835.70	64.66	29.392		
1,900.00	1,837.60	1,743.60	1,743.60	10.24	59.21	-160.04	1,523.52	-276.14	1,932.69	1,864.30	68.39	28.260		
2,000.00	1,931.57	1,837.57	1,837.57	10.83	62.49	-160.37	1,523.52	-276.14	1,965.09	1,892.96	72.13	27.244		
2,100.00	2,025.54	1,931.54	1,931.54	11.43	65.77	-160.70	1,523.52	-276.14	1,997.55	1,921.68	75.87	26.328		
2,200.00	2,119.51	2,025.51	2,025.51	12.03	69.04	-161.02	1,523.52	-276.14	2,030.06	1,950.45	79.62	25.498		
2,300.00	2,213.48	2,119.48	2,119.48	12.64	72.32	-161.33	1,523.52	-276.14	2,062.63	1,979.27	83.37	24.741		
2,400.00	2,307.45	2,213.45	2,213.45	13.25	75.60	-161.62	1,523.52	-276.14	2,095.26	2,008.14	87.12	24.050		
2,500.00	2,401.42	2,307.42	2,307.42	13.87	78.87	-161.91	1,523.52	-276.14	2,127.93	2,037.06	90.87	23.416		
2,600.00	2,495.39	2,401.39	2,401.39	14.48	82.15	-162.19	1,523.52	-276.14	2,160.65	2,066.02	94.63	22.832		
2,700.00	2,589.35	2,504.65	2,495.35	15.10	85.75	-162.46	1,523.52	-276.14	2,193.41	2,094.70	98.71	22.220		
2,800.00	2,683.32	2,589.32	2,589.32	15.72	88.71	-162.73	1,523.52	-276.14	2,226.22	2,124.07	102.15	21.794		
2,900.00	2,777.29	2,683.29	2,683.29	16.34	91.99	-162.98	1,523.52	-276.14	2,259.07	2,153.16	105.91	21.330		
3,000.00	2,871.26	2,777.26	2,777.26	16.97	95.27	-163.23	1,523.52	-276.14	2,291.96	2,182.29	109.67	20.898		
3,100.00	2,965.23	2,871.23	2,871.23	17.59	98.54	-163.47	1,523.52	-276.14	2,324.89	2,211.45	113.44	20.495		
3,200.00	3,059.20	2,965.20	2,965.20	18.22	101.82	-163.71	1,523.52	-276.14	2,357.85	2,240.65	117.20	20.118		
3,300.00	3,153.17	3,059.17	3,059.17	18.84	105.10	-163.94	1,523.52	-276.14	2,390.85	2,269.89	120.97	19.765		
3,400.00	3,247.14	3,153.14	3,153.14	19.47	108.38	-164.16	1,523.52	-276.14	2,423.88	2,299.15	124.73	19.433		
3,500.00	3,341.11	3,247.11	3,247.11	20.10	111.66	-164.38	1,523.52	-276.14	2,456.95	2,328.45	128.50	19.121		
3,600.00	3,435.08	3,341.08	3,341.08	20.73	114.94	-164.59	1,523.52	-276.14	2,490.04	2,357.77	132.27	18.826		
3,700.00	3,529.05	3,435.05	3,435.05	21.36	118.22	-164.79	1,523.52	-276.14	2,523.16	2,387.13	136.03	18.548		
3,800.00	3,623.02	3,529.02	3,529.02	21.99	121.50	-165.00	1,523.52	-276.14	2,556.32	2,416.51	139.80	18.285		
3,900.00	3,716.99	3,622.99	3,622.99	22.62	124.78	-165.19	1,523.52	-276.14	2,589.50	2,445.92	143.57	18.036		
4,000.00	3,810.95	3,716.95	3,716.95	23.25	128.06	-165.38	1,523.52	-276.14	2,622.70	2,475.36	147.34	17.800		
4,100.00	3,904.92	3,810.92	3,810.92	23.88	131.34	-165.57	1,523.52	-276.14	2,655.93	2,504.82	151.11	17.576		
4,200.00	3,998.89	3,904.89	3,904.89	24.52	134.61	-165.75	1,523.52	-276.14	2,689.19	2,534.31	154.88	17.363		
4,300.00	4,092.86	4,001.14	3,998.86	25.15	137.97	-165.92	1,523.52	-276.14	2,722.47	2,563.74	158.73	17.151		
4,400.00	4,186.83	4,107.17	4,092.83	25.78	141.67	-166.10	1,523.52	-276.14	2,755.77	2,592.85	162.92	16.915		
4,500.00	4,280.80	4,186.80	4,186.80	26.42	144.45	-166.26	1,523.52	-276.14	2,789.09	2,622.90	166.19	16.782		
4,600.00	4,374.77	4,280.77	4,280.77	27.05	147.73	-166.43	1,523.52	-276.14	2,822.44	2,652.47	169.97	16.606		
4,700.00	4,468.74	4,374.74	4,374.74	27.68	151.01	-166.59	1,523.52	-276.14	2,855.80	2,682.06	173.74	16.437		
4,800.00	4,562.71	4,468.71	4,468.71	28.32	154.29	-166.75	1,523.52	-276.14	2,889.19	2,711.68	177.51	16.276		
4,900.00	4,656.68	4,562.68	4,562.68	28.95	157.57	-166.90	1,523.52	-276.14	2,922.59	2,741.31	181.28	16.122		
5,000.00	4,750.65	4,656.65	4,656.65	29.59	160.85	-167.05	1,523.52	-276.14	2,956.01	2,770.95	185.06	15.974		
5,100.00	4,844.62	4,750.62	4,750.62	30.23	164.13	-167.20	1,523.52	-276.14	2,989.45	2,800.62	188.83	15.832		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,844.59	4,844.59	30.86	167.41	-167.34	1,523.52	-276.14	3,022.91	2,830.30	192.60	15.695		
5,300.00	5,032.56	4,938.56	4,938.56	31.50	170.69	-167.48	1,523.52	-276.14	3,056.38	2,860.00	196.38	15.564		
5,400.00	5,126.52	5,032.52	5,032.52	32.13	173.97	-167.62	1,523.52	-276.14	3,089.87	2,889.72	200.15	15.438		
5,500.00	5,220.49	5,126.49	5,126.49	32.77	177.25	-167.75	1,523.52	-276.14	3,123.37	2,919.45	203.92	15.316		
5,600.00	5,314.46	5,220.46	5,220.46	33.41	180.53	-167.88	1,523.52	-276.14	3,156.89	2,949.19	207.70	15.199		
5,700.00	5,408.43	5,314.43	5,314.43	34.04	183.81	-168.01	1,523.52	-276.14	3,190.42	2,978.95	211.47	15.087		
5,800.00	5,502.40	5,408.40	5,408.40	34.68	187.09	-168.14	1,523.52	-276.14	3,223.97	3,008.72	215.25	14.978		
5,900.00	5,596.37	5,502.37	5,502.37	35.32	190.37	-168.26	1,523.52	-276.14	3,257.53	3,038.51	219.02	14.873		
6,000.00	5,690.34	5,603.66	5,596.34	35.96	193.91	-168.38	1,523.52	-276.14	3,291.11	3,068.05	223.05	14.755		
6,100.00	5,784.31	5,709.69	5,690.31	36.59	197.61	-168.50	1,523.52	-276.14	3,324.69	3,097.44	227.25	14.630		
6,200.00	5,878.28	5,784.28	5,784.28	37.23	200.21	-168.61	1,523.52	-276.14	3,358.29	3,127.95	230.35	14.579		
6,300.00	5,972.25	5,878.25	5,878.25	37.87	203.49	-168.73	1,523.52	-276.14	3,391.90	3,157.78	234.12	14.488		
6,400.00	6,066.22	5,972.22	5,972.22	38.51	206.77	-168.84	1,523.52	-276.14	3,425.53	3,187.63	237.90	14.399		
6,500.00	6,160.19	6,066.19	6,066.19	39.14	210.05	-168.95	1,523.52	-276.14	3,459.16	3,217.49	241.68	14.313		
6,600.00	6,254.16	6,160.16	6,160.16	39.78	213.33	-169.06	1,523.52	-276.14	3,492.81	3,247.36	245.45	14.230		
6,700.00	6,348.13	6,254.13	6,254.13	40.42	216.61	-169.16	1,523.52	-276.14	3,526.46	3,277.24	249.23	14.150		
6,800.00	6,442.09	6,348.09	6,348.09	41.06	219.89	-169.27	1,523.52	-276.14	3,560.13	3,307.13	253.00	14.071		
6,869.92	6,507.80	6,413.80	6,413.80	41.51	222.18	-169.34	1,523.52	-276.14	3,583.68	3,328.03	255.65	14.018		
6,900.00	6,536.18	6,442.18	6,442.18	41.69	223.18	-177.01	1,523.52	-276.14	3,593.56	3,336.78	256.78	13.995		
6,950.00	6,583.76	6,489.76	6,489.76	41.98	224.84	168.50	1,523.52	-276.14	3,608.86	3,350.18	258.68	13.951		
7,000.00	6,631.58	6,537.58	6,537.58	42.23	226.51	152.75	1,523.52	-276.14	3,622.67	3,362.09	260.58	13.902		
7,050.00	6,679.34	6,585.34	6,585.34	42.44	228.17	137.56	1,523.52	-276.14	3,634.92	3,372.45	262.46	13.849		
7,100.00	6,726.76	6,632.76	6,632.76	42.62	229.83	124.51	1,523.52	-276.14	3,645.55	3,381.22	264.33	13.792		
7,150.00	6,773.53	6,679.53	6,679.53	42.78	231.46	114.16	1,523.52	-276.14	3,654.54	3,388.38	266.16	13.731		
7,200.00	6,819.38	6,725.38	6,725.38	42.91	233.06	106.27	1,523.52	-276.14	3,661.87	3,393.92	267.95	13.666		
7,250.00	6,864.01	6,770.01	6,770.01	43.03	234.62	100.35	1,523.52	-276.14	3,667.55	3,397.85	269.70	13.599		
7,300.00	6,907.16	6,813.16	6,813.16	43.14	236.13	95.92	1,523.52	-276.14	3,671.59	3,400.20	271.39	13.529		
7,350.00	6,948.56	6,854.56	6,854.56	43.24	237.57	92.63	1,523.52	-276.14	3,674.04	3,401.01	273.03	13.457		
7,400.00	6,987.94	6,906.06	6,893.94	43.35	239.37	90.21	1,523.52	-276.14	3,674.95	3,399.92	275.02	13.362		
7,450.00	7,025.08	6,931.08	6,931.08	43.46	240.24	88.48	1,523.52	-276.14	3,674.38	3,398.27	276.11	13.308		
7,500.00	7,059.73	6,965.73	6,965.73	43.57	241.45	87.28	1,523.52	-276.14	3,672.40	3,394.85	277.55	13.231		
7,550.00	7,091.70	7,002.31	6,997.70	43.70	242.73	86.51	1,523.52	-276.14	3,669.10	3,390.01	279.09	13.147		
7,600.00	7,120.77	7,026.77	7,026.77	43.84	243.58	86.10	1,523.52	-276.14	3,664.57	3,384.33	280.24	13.076		
7,650.00	7,146.77	7,052.77	7,052.77	44.00	244.49	85.99	1,523.52	-276.14	3,658.91	3,377.42	281.49	12.998		
7,700.00	7,169.54	7,075.54	7,075.54	44.18	245.28	86.12	1,523.52	-276.14	3,652.20	3,369.53	282.67	12.920		
7,750.00	7,188.94	7,105.06	7,094.94	44.38	246.31	86.45	1,523.52	-276.14	3,644.55	3,360.42	284.13	12.827		
7,800.00	7,204.85	7,110.85	7,110.85	44.61	246.52	86.95	1,523.52	-276.14	3,636.05	3,351.23	284.82	12.766		
7,850.00	7,217.17	7,123.17	7,123.17	44.88	246.95	87.59	1,523.52	-276.14	3,626.80	3,341.01	285.80	12.690		
7,900.00	7,225.83	7,131.83	7,131.83	45.17	247.25	88.36	1,523.52	-276.14	3,616.89	3,330.20	286.69	12.616		
7,950.00	7,230.77	7,136.77	7,136.77	45.50	247.42	89.22	1,523.52	-276.14	3,606.39	3,318.89	287.50	12.544		
7,985.49	7,232.00	7,138.00	7,138.00	45.75	247.46	89.89	1,523.52	-276.14	3,598.62	3,310.61	288.01	12.495		
8,000.00	7,232.12	7,138.12	7,138.12	45.86	247.47	89.90	1,523.52	-276.14	3,595.43	3,307.21	288.22	12.475		
8,100.00	7,232.93	7,138.93	7,138.93	46.71	247.50	89.91	1,523.52	-276.14	3,574.93	3,285.20	289.73	12.339		
8,200.00	7,233.74	7,139.74	7,139.74	47.73	247.52	89.92	1,523.52	-276.14	3,557.13	3,265.71	291.41	12.206		
8,300.00	7,234.54	7,140.54	7,140.54	48.94	247.55	89.94	1,523.52	-276.14	3,542.06	3,248.81	293.25	12.079		
8,400.00	7,235.35	7,141.35	7,141.35	50.32	247.58	89.95	1,523.52	-276.14	3,529.76	3,234.54	295.22	11.957		
8,500.00	7,236.16	7,142.16	7,142.16	51.86	247.61	89.96	1,523.52	-276.14	3,520.26	3,222.97	297.29	11.841		
8,600.00	7,236.97	7,142.97	7,142.97	53.54	247.64	89.98	1,523.52	-276.14	3,513.58	3,214.12	299.46	11.733		
8,700.00	7,237.77	7,143.77	7,143.77	55.33	247.67	89.99	1,523.52	-276.14	3,509.74	3,208.04	301.70	11.633		
8,784.91	7,238.46	7,144.46	7,144.46	56.95	247.69	90.00	1,523.52	-276.14	3,508.71	3,205.06	303.65	11.555		
8,800.00	7,238.58	7,144.58	7,144.58	57.24	247.69	90.00	1,523.52	-276.14	3,508.74	3,204.75	304.00	11.542		
8,900.00	7,239.39	7,145.39	7,145.39	59.24	247.72	90.02	1,523.52	-276.14	3,510.60	3,204.27	306.33	11.460		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,240.20	7,146.20	7,146.20	61.31	247.75	90.03	1,523.52	-276.14	3,515.30	3,206.61	308.69	11.388		
9,100.00	7,241.01	7,147.01	7,147.01	63.46	247.78	90.04	1,523.52	-276.14	3,522.83	3,211.77	311.06	11.325		
9,200.00	7,241.81	7,147.81	7,147.81	65.67	247.81	90.05	1,523.52	-276.14	3,533.18	3,219.76	313.42	11.273		
9,300.00	7,242.62	7,148.62	7,148.62	67.93	247.84	90.07	1,523.52	-276.14	3,546.32	3,230.55	315.77	11.231		
9,400.00	7,243.43	7,149.43	7,149.43	70.25	247.86	90.08	1,523.52	-276.14	3,562.21	3,244.13	318.09	11.199		
9,500.00	7,244.24	7,150.24	7,150.24	72.60	247.89	90.09	1,523.52	-276.14	3,580.84	3,260.46	320.38	11.177		
9,600.00	7,245.04	7,151.04	7,151.04	74.99	247.92	90.11	1,523.52	-276.14	3,602.14	3,279.52	322.62	11.165		
9,700.00	7,245.85	7,151.85	7,151.85	77.42	247.95	90.12	1,523.52	-276.14	3,626.07	3,301.26	324.82	11.163 SF		
9,800.00	7,246.66	7,152.66	7,152.66	79.87	247.98	90.13	1,523.52	-276.14	3,652.59	3,325.63	326.96	11.171		
9,900.00	7,247.47	7,153.47	7,153.47	82.36	248.00	90.15	1,523.52	-276.14	3,681.63	3,352.59	329.04	11.189		
10,000.00	7,248.28	7,154.28	7,154.28	84.87	248.03	90.16	1,523.52	-276.14	3,713.14	3,382.09	331.05	11.216		
10,100.00	7,249.08	7,155.08	7,155.08	87.40	248.06	90.17	1,523.52	-276.14	3,747.05	3,414.05	333.00	11.252		
10,200.00	7,249.89	7,155.89	7,155.89	89.95	248.09	90.19	1,523.52	-276.14	3,783.31	3,448.42	334.89	11.297		
10,300.00	7,250.70	7,156.70	7,156.70	92.52	248.12	90.20	1,523.52	-276.14	3,821.83	3,485.14	336.70	11.351		
10,400.00	7,251.51	7,157.51	7,157.51	95.11	248.15	90.21	1,523.52	-276.14	3,862.56	3,524.13	338.43	11.413		
10,500.00	7,252.31	7,158.31	7,158.31	97.71	248.17	90.23	1,523.52	-276.14	3,905.43	3,565.33	340.10	11.483		
10,600.00	7,253.12	7,159.12	7,159.12	100.33	248.20	90.24	1,523.52	-276.14	3,950.37	3,608.67	341.70	11.561		
10,700.00	7,253.93	7,159.93	7,159.93	102.96	248.23	90.25	1,523.52	-276.14	3,997.30	3,654.08	343.22	11.646		
10,800.00	7,254.74	7,160.74	7,160.74	105.61	248.26	90.27	1,523.52	-276.14	4,046.16	3,701.48	344.68	11.739		
10,900.00	7,255.55	7,161.55	7,161.55	108.26	248.29	90.28	1,523.52	-276.14	4,096.87	3,750.81	346.06	11.839		
11,000.00	7,256.35	7,162.35	7,162.35	110.92	248.31	90.29	1,523.52	-276.14	4,149.38	3,802.00	347.38	11.945		
11,100.00	7,257.16	7,163.16	7,163.16	113.60	248.34	90.31	1,523.52	-276.14	4,203.61	3,854.98	348.64	12.057		
11,200.00	7,257.97	7,163.97	7,163.97	116.28	248.37	90.32	1,523.52	-276.14	4,259.50	3,909.67	349.83	12.176		
11,300.00	7,258.78	7,164.78	7,164.78	118.97	248.40	90.33	1,523.52	-276.14	4,316.98	3,966.02	350.96	12.301		
11,400.00	7,259.58	7,165.58	7,165.58	121.67	248.43	90.34	1,523.52	-276.14	4,375.99	4,023.96	352.03	12.431		
11,500.00	7,260.39	7,166.39	7,166.39	124.38	248.46	90.36	1,523.52	-276.14	4,436.47	4,083.43	353.04	12.566		
11,600.00	7,261.20	7,167.20	7,167.20	127.09	248.48	90.37	1,523.52	-276.14	4,498.36	4,144.36	354.01	12.707		
11,700.00	7,262.01	7,168.01	7,168.01	129.81	248.51	90.38	1,523.52	-276.14	4,561.61	4,206.69	354.92	12.853		
11,800.00	7,262.82	7,168.82	7,168.82	132.53	248.54	90.40	1,523.52	-276.14	4,626.15	4,270.37	355.78	13.003		
11,900.00	7,263.62	7,169.62	7,169.62	135.26	248.57	90.41	1,523.52	-276.14	4,691.93	4,335.34	356.59	13.158		
12,000.00	7,264.43	7,170.43	7,170.43	138.00	248.60	90.42	1,523.52	-276.14	4,758.91	4,401.55	357.36	13.317		
12,100.00	7,265.24	7,171.24	7,171.24	140.74	248.62	90.44	1,523.52	-276.14	4,827.02	4,468.94	358.09	13.480		
12,200.00	7,266.05	7,172.05	7,172.05	143.49	248.65	90.45	1,523.52	-276.14	4,896.24	4,537.47	358.77	13.647		
12,300.00	7,266.86	7,172.86	7,172.86	146.24	248.68	90.46	1,523.52	-276.14	4,966.50	4,607.08	359.42	13.818		
12,400.00	7,267.66	7,173.66	7,173.66	148.99	248.71	90.48	1,523.52	-276.14	5,037.77	4,677.73	360.03	13.993		
12,500.00	7,268.47	7,174.47	7,174.47	151.75	248.74	90.49	1,523.52	-276.14	5,109.99	4,749.38	360.61	14.170		
12,600.00	7,269.28	7,175.28	7,175.28	154.51	248.77	90.50	1,523.52	-276.14	5,183.15	4,821.99	361.16	14.352		
12,700.00	7,270.09	7,176.09	7,176.09	157.27	248.79	90.52	1,523.52	-276.14	5,257.18	4,895.51	361.67	14.536		
12,800.00	7,270.89	7,176.89	7,176.89	160.04	248.82	90.53	1,523.52	-276.14	5,332.07	4,969.91	362.16	14.723		
12,900.00	7,271.70	7,177.70	7,177.70	162.81	248.85	90.54	1,523.52	-276.14	5,407.76	5,045.15	362.62	14.913		
13,000.00	7,272.51	7,178.51	7,178.51	165.58	248.88	90.56	1,523.52	-276.14	5,484.24	5,121.19	363.05	15.106		
13,100.00	7,273.32	7,179.32	7,179.32	168.36	248.91	90.57	1,523.52	-276.14	5,561.46	5,198.00	363.46	15.301		
13,200.00	7,274.13	7,180.13	7,180.13	171.14	248.93	90.58	1,523.52	-276.14	5,639.40	5,275.55	363.85	15.499		
13,300.00	7,274.93	7,180.93	7,180.93	173.92	248.96	90.60	1,523.52	-276.14	5,718.02	5,353.81	364.21	15.700		
13,400.00	7,275.74	7,181.74	7,181.74	176.71	248.99	90.61	1,523.52	-276.14	5,797.30	5,432.74	364.56	15.902		
13,500.00	7,276.55	7,182.55	7,182.55	179.49	249.02	90.62	1,523.52	-276.14	5,877.22	5,512.33	364.89	16.107		
13,555.88	7,277.00	7,183.00	7,183.00	181.05	249.04	90.63	1,523.52	-276.14	5,922.14	5,557.08	365.06	16.222		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-125.99	-2,220.26	-3,057.42	3,778.56					
100.00	100.00	77.72	77.72	3.28	3.28	-125.99	-2,220.38	-3,057.43	3,778.63	3,772.06	6.57	575.226		
200.00	200.00	218.40	218.40	3.34	3.36	-126.00	-2,220.60	-3,056.73	3,778.32	3,771.62	6.70	564.244		
300.00	299.98	302.90	302.89	3.44	3.45	88.10	-2,220.18	-3,056.35	3,777.61	3,770.71	6.89	547.958		
400.00	399.84	381.77	381.76	3.59	3.57	88.17	-2,219.83	-3,056.43	3,777.27	3,770.10	7.16	527.268		
500.00	499.45	519.16	519.15	3.79	3.85	88.37	-2,219.34	-3,056.05	3,776.55	3,768.91	7.63	494.678		
600.00	598.70	588.07	588.06	4.04	4.01	88.51	-2,219.04	-3,055.85	3,775.72	3,767.68	8.04	469.674		
700.00	697.47	721.31	721.29	4.32	4.36	88.85	-2,218.27	-3,055.39	3,774.71	3,766.03	8.68	435.000		
800.00	795.62	792.80	792.78	4.64	4.57	89.09	-2,217.71	-3,055.22	3,773.70	3,764.49	9.21	409.752		
900.00	893.06	909.80	909.78	5.01	4.93	89.51	-2,217.26	-3,054.82	3,772.91	3,762.97	9.94	379.747		
1,000.00	989.64	997.95	997.93	5.41	5.21	89.86	-2,217.18	-3,054.16	3,772.07	3,761.44	10.62	355.032		
1,100.00	1,085.27	1,087.67	1,087.65	5.85	5.52	90.27	-2,217.13	-3,053.64	3,771.57	3,760.20	11.37	331.739		
1,168.57	1,150.22	1,148.60	1,148.57	6.18	5.73	90.57	-2,217.13	-3,053.36	3,771.46	3,759.55	11.91	316.703		
1,200.00	1,179.82	1,176.36	1,176.33	6.33	5.83	90.71	-2,217.13	-3,053.26	3,771.49	3,759.33	12.16	310.168		
1,300.00	1,273.78	1,264.47	1,264.44	6.85	6.14	91.16	-2,217.16	-3,053.03	3,771.87	3,758.88	12.99	290.413		
1,400.00	1,367.75	1,352.54	1,352.52	7.38	6.46	91.62	-2,217.23	-3,052.94	3,772.70	3,758.86	13.84	272.538		
1,500.00	1,461.72	1,440.58	1,440.56	7.93	6.79	92.07	-2,217.33	-3,052.99	3,773.99	3,759.27	14.72	256.401		
1,600.00	1,555.69	1,534.88	1,534.85	8.49	7.15	92.56	-2,217.42	-3,053.20	3,775.71	3,760.08	15.64	241.463		
1,700.00	1,649.66	1,647.15	1,647.12	9.07	7.57	93.16	-2,216.71	-3,053.60	3,777.50	3,760.86	16.64	227.019		
1,800.00	1,743.63	1,753.14	1,753.11	9.65	7.99	93.72	-2,215.88	-3,053.42	3,779.11	3,761.48	17.63	214.331		
1,900.00	1,837.60	1,846.72	1,846.69	10.24	8.35	94.20	-2,215.35	-3,053.05	3,780.96	3,762.38	18.59	203.422		
2,000.00	1,931.57	1,939.44	1,939.41	10.83	8.72	94.69	-2,214.70	-3,052.79	3,783.15	3,763.61	19.55	193.543		
2,100.00	2,025.54	2,030.76	2,030.72	11.43	9.08	95.17	-2,214.01	-3,052.59	3,785.69	3,765.18	20.51	184.593		
2,200.00	2,119.51	2,119.46	2,119.42	12.03	9.44	95.63	-2,213.67	-3,052.34	3,788.65	3,767.19	21.47	176.502		
2,300.00	2,213.48	2,213.98	2,213.93	12.64	9.82	96.13	-2,212.72	-3,052.49	3,792.02	3,769.57	22.45	168.903		
2,400.00	2,307.45	2,343.68	2,343.61	13.25	10.34	96.82	-2,210.31	-3,052.53	3,795.24	3,771.66	23.59	160.908		
2,500.00	2,401.42	2,458.97	2,458.86	13.87	10.81	97.44	-2,207.52	-3,051.74	3,797.95	3,773.28	24.67	153.966		
2,600.00	2,495.39	2,543.09	2,542.96	14.48	11.16	97.89	-2,205.76	-3,050.88	3,800.86	3,775.23	25.62	148.334		
2,700.00	2,589.35	2,619.13	2,618.98	15.10	11.47	98.30	-2,203.93	-3,050.63	3,804.54	3,777.99	26.55	143.307		
2,800.00	2,683.32	2,709.69	2,709.51	15.72	11.84	98.79	-2,201.90	-3,050.51	3,808.79	3,781.25	27.53	138.326		
2,900.00	2,777.29	2,815.59	2,815.39	16.34	12.28	99.35	-2,199.68	-3,050.11	3,813.23	3,784.65	28.59	133.388		
3,000.00	2,871.26	2,886.27	2,886.06	16.97	12.57	99.73	-2,198.35	-3,049.96	3,818.19	3,788.70	29.49	129.463		
3,100.00	2,965.23	2,988.43	2,988.21	17.59	12.99	100.26	-2,197.09	-3,049.62	3,823.65	3,793.11	30.53	125.234		
3,200.00	3,059.20	3,057.37	3,057.15	18.22	13.28	100.61	-2,196.86	-3,049.18	3,829.49	3,798.06	31.43	121.847		
3,300.00	3,153.17	3,128.97	3,128.74	18.84	13.57	100.97	-2,196.91	-3,049.21	3,836.33	3,803.99	32.34	118.642		
3,400.00	3,247.14	3,211.52	3,211.29	19.47	13.92	101.39	-2,196.72	-3,049.62	3,843.77	3,810.49	33.29	115.468		
3,500.00	3,341.11	3,278.05	3,277.82	20.10	14.19	101.72	-2,196.99	-3,050.18	3,852.02	3,817.85	34.17	112.733		
3,600.00	3,435.08	3,388.92	3,388.68	20.73	14.65	102.26	-2,198.31	-3,051.12	3,860.86	3,825.61	35.25	109.527		
3,700.00	3,529.05	3,458.55	3,458.31	21.36	14.94	102.60	-2,198.92	-3,051.68	3,869.82	3,833.68	36.14	107.069		
3,800.00	3,623.02	3,560.43	3,560.17	21.99	15.37	103.09	-2,200.14	-3,053.03	3,879.63	3,842.44	37.18	104.336		
3,900.00	3,716.99	3,693.87	3,693.60	22.62	15.92	103.74	-2,201.30	-3,053.56	3,888.72	3,850.35	38.37	101.350		
4,000.00	3,810.95	3,775.86	3,775.59	23.25	16.27	104.14	-2,201.26	-3,053.89	3,897.85	3,858.53	39.32	99.134		
4,100.00	3,904.92	3,872.96	3,872.68	23.88	16.67	104.62	-2,201.60	-3,054.36	3,907.45	3,867.12	40.34	96.869		
4,200.00	3,998.89	3,977.50	3,977.23	24.52	17.11	105.12	-2,201.94	-3,054.61	3,917.10	3,875.71	41.39	94.638		
4,300.00	4,092.86	4,082.12	4,081.85	25.15	17.55	105.62	-2,202.23	-3,054.59	3,926.77	3,884.32	42.44	92.518		
4,400.00	4,186.83	4,186.83	4,186.56	25.78	17.99	106.12	-2,202.47	-3,054.28	3,936.45	3,892.95	43.50	90.502		
4,500.00	4,280.80	4,291.62	4,291.35	26.42	18.43	106.62	-2,202.65	-3,053.69	3,946.14	3,901.60	44.55	88.582		
4,600.00	4,374.77	4,396.49	4,396.21	27.05	18.87	107.12	-2,202.79	-3,052.82	3,955.85	3,910.25	45.60	86.751		
4,700.00	4,468.74	4,466.56	4,466.27	27.68	19.16	107.45	-2,202.82	-3,052.37	3,965.96	3,919.47	46.49	85.307		
4,800.00	4,562.71	4,568.75	4,568.47	28.32	19.59	107.93	-2,202.70	-3,052.18	3,976.73	3,929.20	47.53	83.670		
4,900.00	4,656.68	4,641.24	4,640.96	28.95	19.90	108.27	-2,202.58	-3,051.87	3,987.56	3,939.13	48.43	82.344		
5,000.00	4,750.65	4,700.00	4,699.72	29.59	20.15	108.55	-2,202.62	-3,052.22	3,999.55	3,950.30	49.25	81.206		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,844.62	4,813.01	4,812.72	30.23	20.62	109.08	-2,202.33	-3,053.12	4,011.96	3,961.62	50.34	79.698		
5,200.00	4,938.59	4,886.38	4,886.09	30.86	20.93	109.43	-2,201.64	-3,053.81	4,024.61	3,973.38	51.23	78.557		
5,300.00	5,032.56	5,016.90	5,016.59	31.50	21.48	110.05	-2,200.51	-3,054.67	4,037.27	3,984.86	52.40	77.043		
5,400.00	5,126.52	5,080.44	5,080.13	32.13	21.75	110.35	-2,200.29	-3,055.00	4,050.18	3,996.94	53.24	76.068		
5,500.00	5,220.49	5,500.00	5,187.67	32.77	23.53	110.84	-2,200.10	-3,055.64	4,063.45	4,007.83	55.62	73.057		
5,600.00	5,314.46	5,273.14	5,272.83	33.41	22.57	111.23	-2,199.86	-3,055.96	4,076.78	4,021.54	55.25	73.793		
5,700.00	5,408.43	5,407.54	5,407.22	34.04	23.14	111.85	-2,198.92	-3,056.73	4,090.55	4,034.11	56.43	72.484		
5,800.00	5,502.40	5,471.55	5,471.23	34.68	23.41	112.15	-2,198.22	-3,056.95	4,104.17	4,046.90	57.27	71.662		
5,900.00	5,596.37	5,555.56	5,555.22	35.32	23.76	112.54	-2,197.05	-3,057.70	4,118.51	4,060.31	58.20	70.760		
6,000.00	5,690.34	5,643.70	5,643.36	35.96	24.14	112.95	-2,195.76	-3,058.54	4,133.17	4,074.02	59.16	69.869		
6,100.00	5,784.31	5,735.99	5,735.63	36.59	24.53	113.37	-2,194.94	-3,059.52	4,148.27	4,088.14	60.13	68.991		
6,200.00	5,878.28	5,862.42	5,862.05	37.23	25.07	113.95	-2,193.27	-3,060.43	4,163.27	4,102.00	61.27	67.946		
6,300.00	5,972.25	5,956.38	5,956.01	37.87	25.46	114.36	-2,192.38	-3,060.47	4,177.91	4,115.66	62.25	67.113		
6,400.00	6,066.22	6,052.53	6,052.15	38.51	25.87	114.79	-2,191.33	-3,060.77	4,193.04	4,129.80	63.24	66.304		
6,500.00	6,160.19	6,172.12	6,171.74	39.14	26.38	115.31	-2,191.02	-3,060.43	4,207.93	4,143.59	64.35	65.395		
6,600.00	6,254.16	6,244.86	6,244.48	39.78	26.69	115.62	-2,190.57	-3,060.11	4,222.91	4,157.70	65.21	64.756		
6,700.00	6,348.13	6,309.96	6,309.57	40.42	26.96	115.90	-2,190.24	-3,060.37	4,238.85	4,172.81	66.03	64.192		
6,800.00	6,442.09	6,431.15	6,430.76	41.06	27.48	116.42	-2,189.36	-3,060.55	4,254.72	4,187.57	67.15	63.363		
6,869.92	6,507.80	6,481.22	6,480.83	41.51	27.69	116.63	-2,189.20	-3,060.62	4,266.03	4,198.28	67.74	62.973		
6,900.00	6,536.18	6,505.36	6,504.97	41.69	27.79	109.99	-2,189.22	-3,060.71	4,270.30	4,202.29	68.01	62.789		
6,950.00	6,583.76	6,573.03	6,572.63	41.98	28.08	97.11	-2,189.19	-3,060.83	4,274.22	4,205.64	68.58	62.323		
7,000.00	6,631.58	6,623.08	6,622.69	42.23	28.29	82.67	-2,189.06	-3,060.76	4,274.13	4,205.09	69.03	61.914		
7,050.00	6,679.34	6,748.11	6,651.50	42.44	28.82	68.46	-2,188.95	-3,060.69	4,270.20	4,200.45	69.75	61.221		
7,100.00	6,726.76	6,700.56	6,699.05	42.62	28.62	56.24	-2,189.32	-3,060.81	4,262.64	4,192.92	69.72	61.138		
7,150.00	6,773.53	6,746.35	6,745.95	42.78	28.82	46.49	-2,189.69	-3,060.93	4,251.28	4,181.22	70.06	60.684		
7,200.00	6,819.38	6,792.34	6,791.94	42.91	29.01	38.98	-2,190.05	-3,061.05	4,236.18	4,165.82	70.36	60.205		
7,250.00	6,864.01	6,837.12	6,836.73	43.03	29.20	33.24	-2,190.39	-3,061.16	4,217.44	4,146.80	70.64	59.706		
7,300.00	6,907.16	6,880.43	6,880.03	43.14	29.38	28.80	-2,190.73	-3,061.27	4,195.15	4,124.27	70.88	59.185		
7,350.00	6,948.56	6,921.98	6,921.59	43.24	29.56	25.31	-2,191.06	-3,061.38	4,169.47	4,098.37	71.10	58.642		
7,400.00	6,987.94	6,961.54	6,961.14	43.35	29.73	22.51	-2,191.37	-3,061.48	4,140.53	4,069.24	71.29	58.077		
7,450.00	7,025.08	6,998.84	6,998.44	43.46	29.89	20.21	-2,191.66	-3,061.57	4,108.51	4,037.05	71.46	57.492		
7,500.00	7,059.73	7,033.67	7,033.26	43.57	30.03	18.27	-2,191.93	-3,061.66	4,073.61	4,002.00	71.61	56.886		
7,550.00	7,091.70	7,065.80	7,065.40	43.70	30.17	16.58	-2,192.18	-3,061.74	4,036.03	3,964.29	71.74	56.261		
7,600.00	7,120.77	7,095.04	7,094.64	43.84	30.29	15.04	-2,192.41	-3,061.82	3,995.99	3,924.15	71.85	55.618		
7,650.00	7,146.77	7,121.22	7,120.81	44.00	30.40	13.55	-2,192.61	-3,061.88	3,953.75	3,881.82	71.94	54.960		
7,700.00	7,169.54	7,144.15	7,143.75	44.18	30.50	12.00	-2,192.79	-3,061.94	3,909.56	3,837.55	72.02	54.288		
7,750.00	7,188.94	7,163.72	7,163.31	44.38	30.58	10.21	-2,192.94	-3,061.99	3,863.69	3,791.61	72.08	53.605		
7,800.00	7,204.85	7,179.79	7,179.38	44.61	30.65	7.84	-2,193.07	-3,062.03	3,816.41	3,744.28	72.13	52.912		
7,850.00	7,217.17	7,192.27	7,191.86	44.88	30.71	4.12	-2,193.16	-3,062.06	3,768.02	3,695.86	72.17	52.213		
7,900.00	7,225.83	7,201.07	7,200.67	45.17	30.74	-3.36	-2,193.23	-3,062.09	3,718.82	3,646.62	72.20	51.510		
7,950.00	7,230.77	7,206.16	7,205.75	45.50	30.76	-26.06	-2,193.27	-3,062.10	3,669.10	3,596.88	72.22	50.806		
7,985.49	7,232.00	7,207.48	7,207.08	45.75	30.77	-77.02	-2,193.28	-3,062.10	3,633.67	3,561.44	72.23	50.308		
8,000.00	7,232.12	7,207.64	7,207.23	45.86	30.77	-77.07	-2,193.28	-3,062.10	3,619.18	3,546.94	72.23	50.104		
8,100.00	7,232.93	7,208.71	7,208.30	46.71	30.78	-77.41	-2,193.29	-3,062.11	3,519.30	3,447.04	72.26	48.703		
8,200.00	7,233.74	7,209.78	7,209.37	47.73	30.78	-77.74	-2,193.30	-3,062.11	3,419.43	3,347.14	72.29	47.301		
8,300.00	7,234.54	7,210.85	7,210.45	48.94	30.78	-78.08	-2,193.31	-3,062.11	3,319.58	3,247.25	72.32	45.898		
8,400.00	7,235.35	7,211.93	7,211.52	50.32	30.79	-78.42	-2,193.32	-3,062.11	3,219.72	3,147.36	72.36	44.494		
8,500.00	7,236.16	7,213.00	7,212.59	51.86	30.79	-78.75	-2,193.33	-3,062.12	3,119.88	3,047.48	72.40	43.090		
8,600.00	7,236.97	7,214.07	7,213.66	53.54	30.80	-79.09	-2,193.33	-3,062.12	3,020.05	2,947.60	72.45	41.684		
8,700.00	7,237.77	7,215.14	7,214.73	55.33	30.80	-79.43	-2,193.34	-3,062.12	2,920.23	2,847.73	72.50	40.278		
8,800.00	7,238.58	7,216.21	7,215.80	57.24	30.81	-79.77	-2,193.35	-3,062.13	2,820.42	2,747.86	72.56	38.872		
8,900.00	7,239.39	7,217.28	7,216.87	59.24	30.81	-80.11	-2,193.36	-3,062.13	2,720.63	2,648.01	72.62	37.464		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,000.00	7,240.20	7,218.35	7,217.95	61.31	30.82	-80.46	-2,193.37	-3,062.13	2,620.85	2,548.16	72.69	36.056		
9,100.00	7,241.01	7,219.43	7,219.02	63.46	30.82	-80.80	-2,193.38	-3,062.13	2,521.09	2,448.32	72.77	34.646		
9,200.00	7,241.81	7,220.50	7,220.09	65.67	30.83	-81.14	-2,193.38	-3,062.14	2,421.34	2,348.49	72.85	33.236		
9,300.00	7,242.62	7,221.57	7,221.16	67.93	30.83	-81.49	-2,193.39	-3,062.14	2,321.62	2,248.67	72.95	31.826		
9,400.00	7,243.43	7,222.64	7,222.23	70.25	30.83	-81.83	-2,193.40	-3,062.14	2,221.92	2,148.87	73.06	30.414		
9,500.00	7,244.24	7,223.71	7,223.30	72.60	30.84	-82.17	-2,193.41	-3,062.14	2,122.25	2,049.08	73.18	29.001		
9,600.00	7,245.04	7,224.78	7,224.37	74.99	30.84	-82.52	-2,193.42	-3,062.15	2,022.62	1,949.30	73.32	27.587		
9,700.00	7,245.85	7,225.85	7,225.45	77.42	30.85	-82.87	-2,193.43	-3,062.15	1,923.02	1,849.54	73.47	26.173		
9,800.00	7,246.66	7,226.93	7,226.52	79.87	30.85	-83.21	-2,193.43	-3,062.15	1,823.46	1,749.80	73.66	24.756		
9,900.00	7,247.47	7,228.00	7,227.59	82.36	30.86	-83.56	-2,193.44	-3,062.16	1,723.95	1,650.09	73.87	23.339		
10,000.00	7,248.28	7,229.07	7,228.66	84.87	30.86	-83.91	-2,193.45	-3,062.16	1,624.51	1,550.39	74.11	21.920		
10,100.00	7,249.08	7,230.14	7,229.73	87.40	30.87	-84.25	-2,193.46	-3,062.16	1,525.13	1,450.73	74.40	20.499		
10,200.00	7,249.89	7,231.21	7,230.80	89.95	30.87	-84.60	-2,193.47	-3,062.16	1,425.84	1,351.10	74.75	19.075		
10,300.00	7,250.70	7,232.28	7,231.87	92.52	30.88	-84.95	-2,193.48	-3,062.17	1,326.66	1,251.50	75.17	17.650		
10,400.00	7,251.51	7,233.35	7,232.94	95.11	30.88	-85.30	-2,193.48	-3,062.17	1,227.61	1,151.94	75.68	16.222		
10,500.00	7,252.31	7,234.43	7,234.02	97.71	30.88	-85.65	-2,193.49	-3,062.17	1,128.73	1,052.42	76.31	14.791		
10,600.00	7,253.12	7,235.50	7,235.09	100.33	30.89	-86.00	-2,193.50	-3,062.17	1,030.06	952.94	77.12	13.357		
10,700.00	7,253.93	7,236.57	7,236.16	102.96	30.89	-86.35	-2,193.51	-3,062.18	931.67	853.51	78.16	11.920		
10,800.00	7,254.74	7,237.64	7,237.23	105.61	30.90	-86.70	-2,193.52	-3,062.18	833.67	754.13	79.54	10.482		
10,900.00	7,255.55	7,238.71	7,238.30	108.26	30.90	-87.05	-2,193.53	-3,062.18	736.20	654.79	81.41	9.043		
11,000.00	7,256.35	7,239.78	7,239.37	110.92	30.91	-87.40	-2,193.53	-3,062.19	639.51	555.47	84.04	7.609		
11,100.00	7,257.16	7,240.85	7,240.44	113.60	30.91	-87.75	-2,193.54	-3,062.19	544.02	456.14	87.88	6.190		
11,200.00	7,257.97	7,241.93	7,241.52	116.28	30.92	-88.10	-2,193.55	-3,062.19	450.48	356.78	93.70	4.808		
11,300.00	7,258.78	7,243.00	7,242.59	118.97	30.92	-88.45	-2,193.56	-3,062.19	360.44	257.52	102.91	3.502		
11,400.00	7,259.58	7,244.07	7,243.66	121.67	30.93	-88.80	-2,193.57	-3,062.20	277.29	159.46	117.83	2.353		
11,500.00	7,260.39	7,245.14	7,244.73	124.38	30.93	-89.15	-2,193.58	-3,062.20	209.43	69.41	140.03	1.496 Level 3		
11,600.00	7,261.20	7,246.21	7,245.80	127.09	30.93	-89.50	-2,193.59	-3,062.20	175.60	17.61	157.98	1.111 Level 2		
11,615.15	7,261.32	7,246.37	7,245.96	127.50	30.94	-89.55	-2,193.59	-3,062.20	174.94	16.57	158.37	1.105 Level 2, CC, ES, SF		
11,700.00	7,262.01	7,247.28	7,246.87	129.81	30.94	-89.85	-2,193.59	-3,062.20	194.43	47.60	146.83	1.324 Level 3		
11,800.00	7,262.82	7,248.35	7,247.94	132.53	30.94	-90.20	-2,193.60	-3,062.21	254.50	131.22	123.28	2.064		
11,900.00	7,263.62	7,249.43	7,249.02	135.26	30.95	-90.55	-2,193.61	-3,062.21	334.27	228.15	106.12	3.150		
12,000.00	7,264.43	7,250.50	7,250.09	138.00	30.95	-90.91	-2,193.62	-3,062.21	422.72	327.19	95.54	4.425		
12,100.00	7,265.24	7,251.57	7,251.16	140.74	30.96	-91.26	-2,193.63	-3,062.22	515.42	426.44	88.98	5.792		
12,200.00	7,266.05	7,252.64	7,252.23	143.49	30.96	-91.61	-2,193.64	-3,062.22	610.42	525.65	84.77	7.201		
12,300.00	7,266.86	7,253.71	7,253.30	146.24	30.97	-91.96	-2,193.64	-3,062.22	706.80	624.86	81.94	8.625		
12,400.00	7,267.66	7,254.78	7,254.37	148.99	30.97	-92.31	-2,193.65	-3,062.22	804.06	724.07	79.99	10.052		
12,500.00	7,268.47	7,255.85	7,255.44	151.75	30.98	-92.66	-2,193.66	-3,062.23	901.93	823.33	78.59	11.476		
12,600.00	7,269.28	7,256.93	7,256.52	154.51	30.98	-93.01	-2,193.67	-3,062.23	1,000.21	922.64	77.57	12.894		
12,700.00	7,270.09	7,258.00	7,257.59	157.27	30.98	-93.36	-2,193.68	-3,062.23	1,098.80	1,021.99	76.81	14.306		
12,800.00	7,270.89	7,259.07	7,258.66	160.04	30.99	-93.71	-2,193.69	-3,062.23	1,197.63	1,121.40	76.22	15.712		
12,900.00	7,271.70	7,260.14	7,259.73	162.81	30.99	-94.05	-2,193.69	-3,062.24	1,296.63	1,220.85	75.78	17.111		
13,000.00	7,272.51	7,261.21	7,260.80	165.58	31.00	-94.40	-2,193.70	-3,062.24	1,395.77	1,320.35	75.43	18.505		
13,100.00	7,273.32	7,262.28	7,261.87	168.36	31.00	-94.75	-2,193.71	-3,062.24	1,495.03	1,419.88	75.15	19.894		
13,200.00	7,274.13	7,263.35	7,262.94	171.14	31.01	-95.10	-2,193.72	-3,062.25	1,594.38	1,519.45	74.93	21.277		
13,300.00	7,274.93	7,264.43	7,264.02	173.92	31.01	-95.45	-2,193.73	-3,062.25	1,693.81	1,619.05	74.76	22.656		
13,400.00	7,275.74	7,265.50	7,265.09	176.71	31.02	-95.79	-2,193.74	-3,062.25	1,793.30	1,718.67	74.63	24.031		
13,500.00	7,276.55	7,266.57	7,266.16	179.49	31.02	-96.14	-2,193.74	-3,062.25	1,892.84	1,818.32	74.52	25.401		
13,555.88	7,277.00	7,267.17	7,266.76	181.05	31.02	-96.33	-2,193.75	-3,062.25	1,948.49	1,874.02	74.47	26.165		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	5.48	5.48	3.28	3.28	-118.58	-923.83	-1,695.91	1,931.21					
100.00	100.00	114.99	114.99	3.28	3.29	-118.57	-923.52	-1,695.74	1,930.94	1,924.36	6.57	293.716		
200.00	200.00	213.99	213.99	3.34	3.35	-118.58	-923.44	-1,695.26	1,930.47	1,923.78	6.69	288.489		
294.96	294.94	306.10	306.09	3.43	3.46	95.52	-923.58	-1,694.77	1,930.25	1,923.36	6.89	280.051		
300.00	299.98	310.80	310.79	3.44	3.47	95.52	-923.59	-1,694.75	1,930.25	1,923.34	6.91	279.535		
400.00	399.84	406.50	406.50	3.59	3.62	95.65	-923.84	-1,694.41	1,930.58	1,923.37	7.21	267.828		
500.00	499.45	508.64	508.63	3.79	3.82	95.89	-924.01	-1,694.14	1,931.30	1,923.69	7.61	253.715		
600.00	598.70	605.26	605.25	4.04	4.05	96.21	-924.01	-1,694.00	1,932.46	1,924.38	8.08	239.033		
700.00	697.47	692.28	692.28	4.32	4.28	96.58	-923.97	-1,694.25	1,934.46	1,925.86	8.60	224.960		
800.00	795.62	787.38	787.37	4.64	4.55	97.06	-924.12	-1,694.84	1,937.41	1,928.21	9.20	210.698		
900.00	893.06	890.76	890.75	5.01	4.87	97.67	-924.30	-1,695.39	1,940.94	1,931.06	9.87	196.557		
1,000.00	989.64	988.34	988.33	5.41	5.18	98.34	-924.12	-1,695.84	1,945.02	1,934.42	10.59	183.632		
1,100.00	1,085.27	1,089.62	1,089.61	5.85	5.52	99.11	-924.06	-1,696.09	1,949.85	1,938.48	11.37	171.435		
1,200.00	1,179.82	1,179.01	1,179.00	6.33	5.83	99.83	-924.31	-1,696.11	1,955.66	1,943.50	12.16	160.768		
1,300.00	1,273.78	1,261.73	1,261.71	6.85	6.13	100.64	-924.82	-1,696.38	1,962.70	1,949.73	12.97	151.338		
1,400.00	1,367.75	1,351.98	1,351.96	7.38	6.46	101.53	-925.09	-1,697.33	1,970.81	1,956.98	13.83	142.550		
1,500.00	1,461.72	1,456.87	1,456.84	7.93	6.85	102.54	-925.88	-1,697.97	1,979.26	1,964.51	14.76	134.108		
1,600.00	1,555.69	1,565.12	1,565.09	8.49	7.26	103.56	-926.54	-1,697.87	1,987.58	1,971.86	15.72	126.407		
1,700.00	1,649.66	1,667.96	1,667.93	9.07	7.66	104.53	-926.98	-1,697.20	1,995.88	1,979.20	16.68	119.647		
1,800.00	1,743.63	1,748.85	1,748.82	9.65	7.97	105.29	-927.09	-1,696.72	2,004.70	1,987.14	17.56	114.157		
1,900.00	1,837.60	1,828.13	1,828.09	10.24	8.28	106.04	-927.14	-1,697.13	2,014.99	1,996.55	18.44	109.276		
2,000.00	1,931.57	1,926.77	1,926.73	10.83	8.67	106.96	-927.61	-1,697.60	2,025.89	2,006.49	19.41	104.398		
2,100.00	2,025.54	2,024.83	2,024.80	11.43	9.06	107.85	-928.12	-1,697.89	2,037.16	2,016.78	20.37	99.984		
2,200.00	2,119.51	2,124.58	2,124.55	12.03	9.46	108.76	-928.63	-1,697.81	2,048.58	2,027.22	21.36	95.926		
2,300.00	2,213.48	2,211.94	2,211.90	12.64	9.81	109.55	-928.76	-1,697.93	2,060.61	2,038.32	22.29	92.465		
2,400.00	2,307.45	2,301.92	2,301.88	13.25	10.17	110.35	-928.96	-1,698.27	2,073.37	2,050.14	23.23	89.263		
2,500.00	2,401.42	2,402.98	2,402.94	13.87	10.58	111.24	-929.43	-1,698.52	2,086.54	2,062.32	24.22	86.141		
2,600.00	2,495.39	2,498.10	2,498.06	14.48	10.97	112.06	-929.91	-1,698.57	2,100.00	2,074.81	25.19	83.364		
2,700.00	2,589.35	2,594.09	2,594.05	15.10	11.36	112.88	-930.34	-1,698.55	2,113.84	2,087.68	26.16	80.793		
2,800.00	2,683.32	2,691.89	2,691.84	15.72	11.76	113.71	-930.68	-1,698.42	2,128.02	2,100.87	27.15	78.394		
2,900.00	2,777.29	2,782.33	2,782.29	16.34	12.14	114.47	-931.14	-1,698.26	2,142.61	2,114.52	28.09	76.272		
3,000.00	2,871.26	2,887.93	2,887.89	16.97	12.57	115.33	-931.91	-1,697.94	2,157.54	2,128.43	29.11	74.115		
3,100.00	2,965.23	2,975.15	2,975.09	17.59	12.93	116.04	-932.34	-1,697.49	2,172.68	2,142.64	30.04	72.326		
3,200.00	3,059.20	3,069.01	3,068.96	18.22	13.32	116.79	-932.66	-1,697.31	2,188.49	2,157.49	31.00	70.596		
3,300.00	3,153.17	3,157.11	3,157.06	18.84	13.69	117.49	-932.91	-1,697.15	2,204.72	2,172.79	31.93	69.048		
3,400.00	3,247.14	3,241.89	3,241.84	19.47	14.04	118.16	-933.20	-1,697.36	2,221.75	2,188.91	32.84	67.652		
3,500.00	3,341.11	3,333.24	3,333.18	20.10	14.42	118.87	-933.44	-1,697.89	2,239.48	2,205.70	33.78	66.290		
3,600.00	3,435.08	3,431.57	3,431.51	20.73	14.83	119.62	-933.97	-1,698.28	2,257.43	2,222.67	34.76	64.943		
3,700.00	3,529.05	3,520.71	3,520.65	21.36	15.20	120.29	-934.27	-1,698.68	2,275.79	2,240.10	35.69	63.771		
3,800.00	3,623.02	3,609.01	3,608.94	21.99	15.57	120.95	-934.69	-1,699.33	2,294.78	2,258.18	36.61	62.687		
3,900.00	3,716.99	3,718.36	3,718.29	22.62	16.03	121.73	-935.74	-1,699.86	2,313.90	2,276.26	37.64	61.474		
4,000.00	3,810.95	3,809.99	3,809.91	23.25	16.42	122.37	-936.79	-1,700.10	2,333.14	2,294.56	38.58	60.481		
4,100.00	3,904.92	3,894.25	3,894.17	23.88	16.77	122.96	-937.71	-1,700.52	2,352.91	2,313.44	39.47	59.614		
4,200.00	3,998.89	3,976.39	3,976.30	24.52	17.12	123.52	-938.38	-1,701.28	2,373.41	2,333.06	40.35	58.826		
4,300.00	4,092.86	4,066.02	4,065.92	25.15	17.49	124.14	-938.77	-1,702.46	2,394.59	2,353.32	41.26	58.033		
4,400.00	4,186.83	4,157.37	4,157.26	25.78	17.88	124.76	-939.08	-1,703.72	2,416.15	2,373.96	42.19	57.274		
4,500.00	4,280.80	4,256.39	4,256.27	26.42	18.29	125.43	-939.03	-1,705.11	2,438.05	2,394.90	43.15	56.499		
4,600.00	4,374.77	4,369.11	4,368.98	27.05	18.77	126.20	-937.78	-1,706.01	2,459.77	2,415.58	44.19	55.658		
4,700.00	4,468.74	4,479.57	4,479.43	27.68	19.23	126.95	-936.56	-1,706.00	2,481.04	2,435.82	45.22	54.865		
4,800.00	4,562.71	4,575.90	4,575.76	28.32	19.63	127.59	-935.68	-1,705.62	2,502.24	2,456.08	46.16	54.202		
4,900.00	4,656.68	4,661.98	4,661.84	28.95	19.99	128.14	-935.28	-1,705.40	2,523.84	2,476.80	47.05	53.643		
5,000.00	4,750.65	4,766.38	4,766.23	29.59	20.43	128.81	-934.26	-1,705.25	2,545.90	2,497.86	48.04	52.999		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,844.62	4,860.46	4,860.31	30.23	20.83	129.40	-933.47	-1,704.61	2,567.71	2,518.75	48.96	52.443		
5,200.00	4,938.59	4,959.09	4,958.94	30.86	21.24	130.00	-933.20	-1,704.21	2,589.98	2,540.06	49.91	51.888		
5,300.00	5,032.56	5,048.06	5,047.90	31.50	21.62	130.54	-932.85	-1,703.56	2,612.23	2,561.42	50.81	51.414		
5,400.00	5,126.52	5,127.35	5,127.19	32.13	21.95	131.01	-932.36	-1,703.45	2,635.29	2,583.65	51.64	51.032		
5,500.00	5,220.49	5,215.79	5,215.63	32.77	22.32	131.53	-931.73	-1,703.59	2,658.91	2,606.38	52.52	50.622		
5,600.00	5,314.46	5,306.54	5,306.38	33.41	22.70	132.05	-931.05	-1,703.88	2,682.91	2,629.49	53.42	50.221		
5,700.00	5,408.43	5,400.59	5,400.42	34.04	23.10	132.59	-930.40	-1,704.22	2,707.20	2,652.86	54.34	49.821		
5,800.00	5,502.40	5,489.94	5,489.77	34.68	23.48	133.08	-929.91	-1,704.64	2,731.79	2,676.56	55.22	49.468		
5,900.00	5,596.37	5,592.00	5,591.83	35.32	23.91	133.64	-929.44	-1,705.09	2,756.55	2,700.36	56.19	49.059		
6,000.00	5,690.34	5,677.93	5,677.76	35.96	24.27	134.10	-929.07	-1,705.42	2,781.47	2,724.42	57.05	48.755		
6,100.00	5,784.31	5,773.86	5,773.68	36.59	24.68	134.60	-928.62	-1,705.96	2,806.77	2,748.80	57.97	48.414		
6,200.00	5,878.28	5,871.91	5,871.73	37.23	25.10	135.11	-928.07	-1,706.31	2,832.11	2,773.20	58.91	48.075		
6,300.00	5,972.25	5,960.21	5,960.03	37.87	25.47	135.56	-927.75	-1,706.65	2,857.63	2,797.85	59.78	47.800		
6,400.00	6,066.22	6,077.34	6,077.16	38.51	25.97	136.13	-927.55	-1,707.10	2,883.35	2,822.50	60.84	47.390		
6,500.00	6,160.19	6,163.23	6,163.05	39.14	26.33	136.55	-927.47	-1,706.86	2,908.59	2,846.89	61.70	47.142		
6,600.00	6,254.16	6,245.44	6,245.26	39.78	26.68	136.94	-927.67	-1,707.21	2,934.55	2,872.02	62.53	46.932		
6,700.00	6,348.13	6,328.10	6,327.92	40.42	27.03	137.31	-928.36	-1,707.89	2,960.91	2,897.55	63.36	46.732		
6,800.00	6,442.09	6,400.00	6,399.80	41.06	27.34	137.62	-928.93	-1,708.96	2,988.02	2,923.91	64.11	46.605		
6,869.92	6,507.80	6,453.52	6,453.31	41.51	27.56	137.86	-929.06	-1,709.99	3,007.45	2,942.79	64.66	46.511		
6,900.00	6,536.18	6,476.68	6,476.46	41.69	27.66	130.99	-928.99	-1,710.46	3,015.25	2,950.35	64.89	46.465		
6,950.00	6,583.76	6,516.21	6,515.98	41.98	27.83	117.75	-928.67	-1,711.31	3,025.41	2,960.14	65.27	46.350		
7,000.00	6,631.58	6,557.08	6,556.84	42.23	28.00	103.16	-928.19	-1,712.24	3,032.01	2,966.37	65.64	46.190		
7,050.00	6,679.34	6,597.89	6,597.64	42.44	28.18	89.03	-927.56	-1,713.22	3,035.04	2,969.06	65.98	45.997		
7,100.00	6,726.76	6,695.76	6,695.48	42.62	28.59	77.32	-925.62	-1,714.73	3,034.05	2,967.35	66.70	45.487		
7,150.00	6,773.53	6,745.21	6,744.91	42.78	28.80	67.94	-924.60	-1,714.99	3,028.96	2,961.91	67.04	45.180		
7,200.00	6,819.38	6,791.69	6,791.39	42.91	29.00	60.94	-923.89	-1,715.31	3,020.24	2,952.91	67.33	44.858		
7,250.00	6,864.01	6,835.09	6,834.79	43.03	29.18	55.85	-923.34	-1,715.63	3,007.98	2,940.41	67.57	44.519		
7,300.00	6,907.16	6,876.60	6,876.29	43.14	29.36	52.24	-922.75	-1,715.95	2,992.29	2,924.53	67.76	44.157		
7,350.00	6,948.56	6,917.75	6,917.43	43.24	29.54	49.79	-922.09	-1,716.25	2,973.28	2,905.35	67.94	43.765		
7,400.00	6,987.94	6,958.63	6,958.30	43.35	29.71	48.29	-921.31	-1,716.50	2,951.06	2,882.97	68.09	43.341		
7,450.00	7,025.08	6,997.03	6,996.69	43.46	29.87	47.56	-920.48	-1,716.68	2,925.76	2,857.55	68.21	42.894		
7,500.00	7,059.73	7,033.00	7,032.65	43.57	30.03	47.51	-919.64	-1,716.80	2,897.56	2,829.25	68.30	42.422		
7,550.00	7,091.70	7,066.17	7,065.82	43.70	30.17	48.12	-918.87	-1,716.90	2,866.64	2,798.27	68.37	41.926		
7,600.00	7,120.77	7,096.33	7,095.97	43.84	30.29	49.37	-918.17	-1,716.98	2,833.22	2,764.79	68.43	41.406		
7,650.00	7,146.77	7,122.38	7,122.00	44.00	30.41	51.27	-917.57	-1,717.04	2,797.50	2,729.05	68.45	40.866		
7,700.00	7,169.54	7,145.07	7,144.69	44.18	30.50	53.90	-917.04	-1,717.09	2,759.73	2,691.25	68.47	40.304		
7,750.00	7,188.94	7,164.43	7,164.04	44.38	30.58	57.35	-916.60	-1,717.14	2,720.12	2,651.64	68.49	39.718		
7,800.00	7,204.85	7,180.32	7,179.93	44.61	30.65	61.73	-916.23	-1,717.17	2,678.94	2,610.44	68.50	39.111		
7,850.00	7,217.17	7,192.65	7,192.26	44.88	30.71	67.15	-915.94	-1,717.20	2,636.42	2,567.91	68.51	38.483		
7,900.00	7,225.83	7,201.35	7,200.96	45.17	30.74	73.70	-915.74	-1,717.22	2,592.81	2,524.28	68.53	37.836		
7,950.00	7,230.77	7,206.36	7,205.96	45.50	30.76	81.39	-915.63	-1,717.23	2,548.39	2,479.83	68.55	37.173		
7,985.49	7,232.00	7,207.66	7,207.26	45.75	30.77	87.47	-915.60	-1,717.24	2,516.49	2,447.91	68.58	36.695		
8,000.00	7,232.12	7,207.80	7,207.41	45.86	30.77	87.48	-915.59	-1,717.24	2,503.42	2,434.83	68.59	36.498		
8,100.00	7,232.93	7,208.81	7,208.42	46.71	30.77	87.53	-915.57	-1,717.24	2,413.75	2,345.04	68.71	35.128		
8,200.00	7,233.74	7,209.82	7,209.43	47.73	30.78	87.58	-915.55	-1,717.24	2,324.92	2,256.00	68.92	33.733		
8,300.00	7,234.54	7,210.83	7,210.44	48.94	30.78	87.63	-915.52	-1,717.24	2,237.03	2,167.80	69.24	32.310		
8,400.00	7,235.35	7,211.84	7,211.45	50.32	30.79	87.69	-915.50	-1,717.25	2,150.21	2,080.53	69.68	30.859		
8,500.00	7,236.16	7,212.85	7,212.46	51.86	30.79	87.74	-915.48	-1,717.25	2,064.57	1,994.30	70.27	29.381		
8,600.00	7,236.97	7,213.86	7,213.47	53.54	30.80	87.79	-915.45	-1,717.25	1,980.28	1,909.24	71.04	27.877		
8,700.00	7,237.77	7,214.87	7,214.48	55.33	30.80	87.85	-915.43	-1,717.25	1,897.52	1,825.51	72.01	26.351		
8,800.00	7,238.58	7,215.88	7,215.49	57.24	30.80	87.90	-915.41	-1,717.26	1,816.49	1,743.27	73.22	24.809		
8,900.00	7,239.39	7,216.90	7,216.50	59.24	30.81	87.95	-915.38	-1,717.26	1,737.44	1,662.74	74.70	23.260		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,000.00	7,240.20	7,217.91	7,217.51	61.31	30.81	88.01	-915.36	-1,717.26	1,660.64	1,584.17	76.47	21.716		
9,100.00	7,241.01	7,218.92	7,218.52	63.46	30.82	88.06	-915.34	-1,717.26	1,586.44	1,507.86	78.58	20.189		
9,200.00	7,241.81	7,219.93	7,219.53	65.67	30.82	88.11	-915.31	-1,717.26	1,515.20	1,434.16	81.04	18.697		
9,300.00	7,242.62	7,220.94	7,220.54	67.93	30.83	88.17	-915.29	-1,717.27	1,447.37	1,363.50	83.88	17.256		
9,400.00	7,243.43	7,221.95	7,221.55	70.25	30.83	88.22	-915.27	-1,717.27	1,383.45	1,296.36	87.09	15.885		
9,500.00	7,244.24	7,222.96	7,222.56	72.60	30.83	88.27	-915.24	-1,717.27	1,324.00	1,233.33	90.68	14.601		
9,600.00	7,245.04	7,223.97	7,223.57	74.99	30.84	88.33	-915.22	-1,717.27	1,269.65	1,175.05	94.60	13.421		
9,700.00	7,245.85	7,224.98	7,224.58	77.42	30.84	88.38	-915.20	-1,717.28	1,221.09	1,122.29	98.80	12.359		
9,800.00	7,246.66	7,225.99	7,225.59	79.87	30.85	88.43	-915.17	-1,717.28	1,179.02	1,075.83	103.20	11.425		
9,900.00	7,247.47	7,227.00	7,226.60	82.36	30.85	88.49	-915.15	-1,717.28	1,144.17	1,036.51	107.66	10.628		
10,000.00	7,248.28	7,228.01	7,227.61	84.87	30.86	88.54	-915.13	-1,717.28	1,117.21	1,005.17	112.05	9.971		
10,100.00	7,249.08	7,229.02	7,228.62	87.40	30.86	88.59	-915.10	-1,717.29	1,098.73	982.54	116.18	9.457		
10,200.00	7,249.89	7,230.03	7,229.63	89.95	30.86	88.65	-915.08	-1,717.29	1,089.14	969.22	119.92	9.083		
10,254.86	7,250.33	7,230.58	7,230.18	91.36	30.87	88.68	-915.07	-1,717.29	1,087.76	966.02	121.74	8.935 CC		
10,300.00	7,250.70	7,231.04	7,230.64	92.52	30.87	88.70	-915.06	-1,717.29	1,088.69	965.59	123.10	8.844 ES		
10,400.00	7,251.51	7,232.05	7,231.65	95.11	30.87	88.75	-915.03	-1,717.29	1,097.40	971.76	125.64	8.734 SF		
10,500.00	7,252.31	7,233.06	7,232.66	97.71	30.88	88.81	-915.01	-1,717.29	1,115.03	987.54	127.49	8.746		
10,600.00	7,253.12	7,234.07	7,233.67	100.33	30.88	88.86	-914.99	-1,717.30	1,141.19	1,012.52	128.67	8.869		
10,700.00	7,253.93	7,235.08	7,234.68	102.96	30.89	88.91	-914.96	-1,717.30	1,175.31	1,046.08	129.23	9.095		
10,800.00	7,254.74	7,236.09	7,235.69	105.61	30.89	88.97	-914.94	-1,717.30	1,216.70	1,087.45	129.25	9.413		
10,900.00	7,255.55	7,237.10	7,236.70	108.26	30.89	89.02	-914.92	-1,717.30	1,264.66	1,135.82	128.84	9.816		
11,000.00	7,256.35	7,238.11	7,237.71	110.92	30.90	89.07	-914.89	-1,717.31	1,318.48	1,190.38	128.10	10.293		
11,100.00	7,257.16	7,239.12	7,238.72	113.60	30.90	89.12	-914.87	-1,717.31	1,377.46	1,250.35	127.11	10.837		
11,200.00	7,257.97	7,240.13	7,239.73	116.28	30.91	89.18	-914.85	-1,717.31	1,440.97	1,315.02	125.95	11.441		
11,300.00	7,258.78	7,241.14	7,240.74	118.97	30.91	89.23	-914.82	-1,717.31	1,508.45	1,383.76	124.69	12.097		
11,400.00	7,259.58	7,242.15	7,241.75	121.67	30.92	89.28	-914.80	-1,717.32	1,579.37	1,456.00	123.38	12.801		
11,500.00	7,260.39	7,243.16	7,242.76	124.38	30.92	89.34	-914.78	-1,717.32	1,653.31	1,531.26	122.04	13.547		
11,600.00	7,261.20	7,244.17	7,243.77	127.09	30.92	89.39	-914.75	-1,717.32	1,729.86	1,609.14	120.72	14.330		
11,700.00	7,262.01	7,245.19	7,244.78	129.81	30.93	89.44	-914.73	-1,717.32	1,808.71	1,689.28	119.42	15.145		
11,800.00	7,262.82	7,246.20	7,245.79	132.53	30.93	89.50	-914.71	-1,717.33	1,889.55	1,771.39	118.17	15.991		
11,900.00	7,263.62	7,247.21	7,246.80	135.26	30.94	89.55	-914.68	-1,717.33	1,972.16	1,855.20	116.96	16.862		
12,000.00	7,264.43	7,248.22	7,247.81	138.00	30.94	89.60	-914.66	-1,717.33	2,056.31	1,940.51	115.80	17.757		
12,100.00	7,265.24	7,249.23	7,248.82	140.74	30.95	89.66	-914.64	-1,717.33	2,141.82	2,027.12	114.70	18.673		
12,200.00	7,266.05	7,250.24	7,249.83	143.49	30.95	89.71	-914.61	-1,717.33	2,228.54	2,114.89	113.65	19.608		
12,300.00	7,266.86	7,251.25	7,250.84	146.24	30.95	89.76	-914.59	-1,717.34	2,316.33	2,203.66	112.66	20.560		
12,400.00	7,267.66	7,252.26	7,251.85	148.99	30.96	89.82	-914.57	-1,717.34	2,405.07	2,293.34	111.72	21.527		
12,500.00	7,268.47	7,253.27	7,252.86	151.75	30.96	89.87	-914.54	-1,717.34	2,494.66	2,383.82	110.84	22.507		
12,600.00	7,269.28	7,254.28	7,253.87	154.51	30.97	89.92	-914.52	-1,717.34	2,585.02	2,475.02	110.00	23.500		
12,700.00	7,270.09	7,255.29	7,254.88	157.27	30.97	89.98	-914.50	-1,717.35	2,676.06	2,566.85	109.21	24.504		
12,800.00	7,270.89	7,256.30	7,255.89	160.04	30.98	90.03	-914.47	-1,717.35	2,767.72	2,659.25	108.46	25.517		
12,900.00	7,271.70	7,257.31	7,256.90	162.81	30.98	90.08	-914.45	-1,717.35	2,859.94	2,752.18	107.76	26.540		
13,000.00	7,272.51	7,258.32	7,257.91	165.58	30.99	90.14	-914.43	-1,717.35	2,952.66	2,845.57	107.09	27.571		
13,100.00	7,273.32	7,259.33	7,258.92	168.36	30.99	90.19	-914.40	-1,717.36	3,045.85	2,939.38	106.47	28.609		
13,200.00	7,274.13	7,260.34	7,259.93	171.14	30.99	90.24	-914.38	-1,717.36	3,139.45	3,033.58	105.87	29.654		
13,300.00	7,274.93	7,261.35	7,260.94	173.92	31.00	90.30	-914.36	-1,717.36	3,233.44	3,128.13	105.31	30.704		
13,400.00	7,275.74	7,262.36	7,261.95	176.71	31.00	90.35	-914.33	-1,717.36	3,327.77	3,223.00	104.78	31.761		
13,500.00	7,276.55	7,263.37	7,262.96	179.49	31.01	90.40	-914.31	-1,717.36	3,422.43	3,318.16	104.27	32.822		
13,555.88	7,277.00	7,263.94	7,263.53	181.05	31.01	90.43	-914.30	-1,717.37	3,475.46	3,371.46	104.00	33.417		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-133.32	-694.73	-736.71	1,012.79					
100.00	100.00	81.00	81.00	3.28	3.57	-133.32	-694.73	-736.71	1,012.61	1,005.76	6.86	147.687		
200.00	200.00	181.00	181.00	3.34	5.63	-133.32	-694.73	-736.71	1,012.61	1,003.65	8.96	112.953		
300.00	299.98	280.98	280.98	3.44	8.71	80.84	-694.73	-736.71	1,012.33	1,000.19	12.15	83.353		
400.00	399.84	380.84	380.84	3.59	12.01	81.15	-694.73	-736.71	1,011.51	995.92	15.60	64.855		
500.00	499.45	480.45	480.45	3.79	15.38	81.66	-694.73	-736.71	1,010.20	991.03	19.17	52.697		
600.00	598.70	579.70	579.70	4.04	18.78	82.37	-694.73	-736.71	1,008.50	985.68	22.81	44.206		
700.00	697.47	678.47	678.47	4.32	22.18	83.28	-694.73	-736.71	1,006.52	980.02	26.50	37.979		
800.00	795.62	776.62	776.62	4.64	25.58	84.39	-694.73	-736.71	1,004.43	974.21	30.22	33.236		
900.00	893.06	874.06	874.06	5.01	28.95	85.67	-694.73	-736.71	1,002.44	968.47	33.96	29.517		
1,000.00	989.64	970.64	970.64	5.41	32.31	87.13	-694.73	-736.71	1,000.76	963.04	37.72	26.534		
1,100.00	1,085.27	1,066.27	1,066.27	5.85	35.63	88.76	-694.73	-736.71	999.66	958.18	41.48	24.099		
1,171.15	1,152.65	1,133.65	1,133.65	6.19	37.97	90.00	-694.73	-736.71	999.40	955.24	44.16	22.629 CC		
1,200.00	1,179.82	1,160.82	1,160.82	6.33	38.92	90.52	-694.73	-736.71	999.45	954.20	45.25	22.087		
1,300.00	1,273.78	1,254.78	1,254.78	6.85	42.19	92.37	-694.73	-736.71	1,000.37	951.33	49.03	20.401		
1,400.00	1,367.75	1,348.75	1,348.75	7.38	45.46	94.20	-694.73	-736.71	1,002.45	949.61	52.84	18.972		
1,500.00	1,461.72	1,442.72	1,442.72	7.93	48.73	96.03	-694.73	-736.71	1,005.69	949.03	56.66	17.750 ES		
1,600.00	1,555.69	1,536.69	1,536.69	8.49	52.00	97.85	-694.73	-736.71	1,010.09	949.60	60.49	16.698		
1,700.00	1,649.66	1,630.66	1,630.66	9.07	55.28	99.64	-694.73	-736.71	1,015.61	951.28	64.33	15.787		
1,800.00	1,743.63	1,724.63	1,724.63	9.65	58.55	101.43	-694.73	-736.71	1,022.25	954.08	68.18	14.995		
1,900.00	1,837.60	1,818.60	1,818.60	10.24	61.83	103.18	-694.73	-736.71	1,029.99	957.96	72.02	14.301		
2,000.00	1,931.57	1,912.57	1,912.57	10.83	65.11	104.92	-694.73	-736.71	1,038.79	962.92	75.87	13.691		
2,100.00	2,025.54	2,006.54	2,006.54	11.43	68.38	106.62	-694.73	-736.71	1,048.64	968.92	79.72	13.154		
2,200.00	2,119.51	2,100.51	2,100.51	12.03	71.66	108.30	-694.73	-736.71	1,059.50	975.93	83.57	12.678		
2,300.00	2,213.48	2,205.52	2,194.48	12.64	75.32	109.95	-694.73	-736.71	1,071.34	983.54	87.80	12.202		
2,400.00	2,307.45	2,288.45	2,288.45	13.25	78.21	111.56	-694.73	-736.71	1,084.13	992.87	91.26	11.880		
2,500.00	2,401.42	2,382.42	2,382.42	13.87	81.49	113.13	-694.73	-736.71	1,097.84	1,002.74	95.09	11.545		
2,600.00	2,495.39	2,476.39	2,476.39	14.48	84.77	114.67	-694.73	-736.71	1,112.43	1,013.50	98.93	11.245		
2,700.00	2,589.35	2,570.35	2,570.35	15.10	88.05	116.18	-694.73	-736.71	1,127.87	1,025.11	102.76	10.976		
2,800.00	2,683.32	2,664.32	2,664.32	15.72	91.33	117.64	-694.73	-736.71	1,144.12	1,037.53	106.59	10.734		
2,900.00	2,777.29	2,758.29	2,758.29	16.34	94.60	119.07	-694.73	-736.71	1,161.15	1,050.75	110.41	10.517		
3,000.00	2,871.26	2,852.26	2,852.26	16.97	97.88	120.46	-694.73	-736.71	1,178.93	1,064.71	114.23	10.321		
3,100.00	2,965.23	2,946.23	2,946.23	17.59	101.16	121.81	-694.73	-736.71	1,197.43	1,079.39	118.04	10.144		
3,200.00	3,059.20	3,040.20	3,040.20	18.22	104.44	123.12	-694.73	-736.71	1,216.60	1,094.75	121.85	9.985		
3,300.00	3,153.17	3,134.17	3,134.17	18.84	107.72	124.39	-694.73	-736.71	1,236.43	1,110.77	125.65	9.840		
3,400.00	3,247.14	3,228.14	3,228.14	19.47	111.00	125.63	-694.73	-736.71	1,256.87	1,127.41	129.45	9.709		
3,500.00	3,341.11	3,322.11	3,322.11	20.10	114.28	126.83	-694.73	-736.71	1,277.90	1,144.65	133.25	9.590		
3,600.00	3,435.08	3,416.08	3,416.08	20.73	117.56	127.99	-694.73	-736.71	1,299.49	1,162.44	137.04	9.482		
3,700.00	3,529.05	3,510.05	3,510.05	21.36	120.84	129.12	-694.73	-736.71	1,321.61	1,180.77	140.83	9.384		
3,800.00	3,623.02	3,604.02	3,604.02	21.99	124.11	130.21	-694.73	-736.71	1,344.24	1,199.61	144.62	9.295		
3,900.00	3,716.99	3,702.01	3,697.99	22.62	127.53	131.26	-694.73	-736.71	1,367.35	1,218.80	148.55	9.205		
4,000.00	3,810.95	3,808.05	3,791.95	23.25	131.23	132.29	-694.73	-736.71	1,390.91	1,238.16	152.75	9.106		
4,100.00	3,904.92	3,885.92	3,885.92	23.88	133.95	133.28	-694.73	-736.71	1,414.91	1,258.95	155.97	9.072		
4,200.00	3,998.89	3,979.89	3,979.89	24.52	137.23	134.24	-694.73	-736.71	1,439.33	1,279.58	159.75	9.010		
4,300.00	4,092.86	4,073.86	4,073.86	25.15	140.51	135.17	-694.73	-736.71	1,464.13	1,300.61	163.52	8.954		
4,400.00	4,186.83	4,167.83	4,167.83	25.78	143.79	136.07	-694.73	-736.71	1,489.31	1,322.02	167.29	8.902		
4,500.00	4,280.80	4,261.80	4,261.80	26.42	147.07	136.95	-694.73	-736.71	1,514.84	1,343.78	171.07	8.855		
4,600.00	4,374.77	4,355.77	4,355.77	27.05	150.35	137.79	-694.73	-736.71	1,540.71	1,365.87	174.84	8.812		
4,700.00	4,468.74	4,449.74	4,449.74	27.68	153.63	138.61	-694.73	-736.71	1,566.90	1,388.29	178.61	8.773		
4,800.00	4,562.71	4,543.71	4,543.71	28.32	156.91	139.40	-694.73	-736.71	1,593.39	1,411.02	182.37	8.737		
4,900.00	4,656.68	4,637.68	4,637.68	28.95	160.19	140.17	-694.73	-736.71	1,620.17	1,434.03	186.14	8.704		
5,000.00	4,750.65	4,731.65	4,731.65	29.59	163.47	140.92	-694.73	-736.71	1,647.22	1,457.32	189.91	8.674		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,844.62	4,825.62	4,825.62	30.23	166.75	141.64	-694.73	-736.71	1,674.54	1,480.87	193.67	8.646		
5,200.00	4,938.59	4,919.59	4,919.59	30.86	170.03	142.34	-694.73	-736.71	1,702.11	1,504.67	197.44	8.621		
5,300.00	5,032.56	5,013.56	5,013.56	31.50	173.31	143.01	-694.73	-736.71	1,729.91	1,528.71	201.20	8.598		
5,400.00	5,126.52	5,107.52	5,107.52	32.13	176.59	143.67	-694.73	-736.71	1,757.94	1,552.97	204.96	8.577		
5,500.00	5,220.49	5,201.49	5,201.49	32.77	179.87	144.31	-694.73	-736.71	1,786.18	1,577.45	208.73	8.558		
5,600.00	5,314.46	5,304.54	5,295.46	33.41	183.47	144.92	-694.73	-736.71	1,814.63	1,601.82	212.81	8.527		
5,700.00	5,408.43	5,389.43	5,389.43	34.04	186.43	145.52	-694.73	-736.71	1,843.27	1,627.02	216.25	8.524		
5,800.00	5,502.40	5,483.40	5,483.40	34.68	189.71	146.11	-694.73	-736.71	1,872.10	1,652.09	220.01	8.509		
5,900.00	5,596.37	5,577.37	5,577.37	35.32	192.99	146.67	-694.73	-736.71	1,901.11	1,677.34	223.77	8.496		
6,000.00	5,690.34	5,671.34	5,671.34	35.96	196.27	147.22	-694.73	-736.71	1,930.29	1,702.75	227.54	8.483		
6,100.00	5,784.31	5,765.31	5,765.31	36.59	199.55	147.75	-694.73	-736.71	1,959.63	1,728.33	231.30	8.472		
6,200.00	5,878.28	5,859.28	5,859.28	37.23	202.83	148.27	-694.73	-736.71	1,989.13	1,754.07	235.06	8.462		
6,300.00	5,972.25	5,953.25	5,953.25	37.87	206.11	148.77	-694.73	-736.71	2,018.77	1,779.95	238.82	8.453		
6,400.00	6,066.22	6,047.22	6,047.22	38.51	209.39	149.26	-694.73	-736.71	2,048.56	1,805.97	242.58	8.445		
6,500.00	6,160.19	6,141.19	6,141.19	39.14	212.67	149.73	-694.73	-736.71	2,078.48	1,832.14	246.34	8.437		
6,600.00	6,254.16	6,235.16	6,235.16	39.78	215.95	150.19	-694.73	-736.71	2,108.53	1,858.43	250.11	8.431		
6,700.00	6,348.13	6,329.13	6,329.13	40.42	219.23	150.64	-694.73	-736.71	2,138.71	1,884.84	253.87	8.424		
6,800.00	6,442.09	6,423.09	6,423.09	41.06	222.51	151.08	-694.73	-736.71	2,169.01	1,911.38	257.63	8.419		
6,869.92	6,507.80	6,488.80	6,488.80	41.51	224.80	151.38	-694.73	-736.71	2,190.26	1,930.00	260.26	8.416		
6,900.00	6,536.18	6,517.18	6,517.18	41.69	225.79	144.34	-694.73	-736.71	2,198.83	1,937.43	261.39	8.412		
6,950.00	6,583.76	6,564.76	6,564.76	41.98	227.45	130.90	-694.73	-736.71	2,210.45	1,947.17	263.28	8.396		
7,000.00	6,631.58	6,612.58	6,612.58	42.23	229.12	116.20	-694.73	-736.71	2,218.76	1,953.60	265.16	8.368		
7,050.00	6,679.34	6,660.34	6,660.34	42.44	230.79	102.03	-694.73	-736.71	2,223.74	1,956.73	267.01	8.328		
7,100.00	6,726.76	6,707.76	6,707.76	42.62	232.45	90.00	-694.73	-736.71	2,225.40	1,956.57	268.82	8.278		
7,150.00	6,773.53	6,754.53	6,754.53	42.78	234.08	80.65	-694.73	-736.71	2,223.75	1,953.18	270.58	8.219		
7,200.00	6,819.38	6,800.38	6,800.38	42.91	235.68	73.77	-694.73	-736.71	2,218.87	1,946.60	272.26	8.150		
7,250.00	6,864.01	6,845.01	6,845.01	43.03	237.24	68.87	-694.73	-736.71	2,210.81	1,936.93	273.88	8.072		
7,300.00	6,907.16	6,888.16	6,888.16	43.14	238.74	65.51	-694.73	-736.71	2,199.69	1,924.27	275.41	7.987		
7,350.00	6,948.56	6,929.56	6,929.56	43.24	240.19	63.35	-694.73	-736.71	2,185.61	1,908.75	276.86	7.894		
7,400.00	6,987.94	6,968.94	6,968.94	43.35	241.56	62.14	-694.73	-736.71	2,168.71	1,890.49	278.22	7.795		
7,450.00	7,025.08	7,006.08	7,006.08	43.46	242.86	61.73	-694.73	-736.71	2,149.16	1,869.67	279.48	7.690		
7,500.00	7,059.73	7,040.73	7,040.73	43.57	244.07	62.00	-694.73	-736.71	2,127.11	1,846.46	280.65	7.579		
7,550.00	7,091.70	7,072.70	7,072.70	43.70	245.18	62.88	-694.73	-736.71	2,102.77	1,821.04	281.73	7.464		
7,600.00	7,120.77	7,101.77	7,101.77	43.84	246.20	64.32	-694.73	-736.71	2,076.33	1,793.62	282.71	7.344		
7,650.00	7,146.77	7,127.77	7,127.77	44.00	247.11	66.27	-694.73	-736.71	2,048.00	1,764.40	283.60	7.221		
7,700.00	7,169.54	7,150.54	7,150.54	44.18	247.90	68.70	-694.73	-736.71	2,018.00	1,733.60	284.40	7.096		
7,750.00	7,188.94	7,169.94	7,169.94	44.38	248.58	71.57	-694.73	-736.71	1,986.56	1,701.44	285.12	6.967		
7,800.00	7,204.85	7,185.85	7,185.85	44.61	249.13	74.86	-694.73	-736.71	1,953.92	1,668.16	285.76	6.838		
7,850.00	7,217.17	7,201.83	7,198.17	44.88	249.69	78.49	-694.73	-736.71	1,920.30	1,633.84	286.45	6.704		
7,900.00	7,225.83	7,206.83	7,206.83	45.17	249.87	82.41	-694.73	-736.71	1,885.93	1,599.12	286.81	6.576		
7,950.00	7,230.77	7,211.77	7,211.77	45.50	250.04	86.53	-694.73	-736.71	1,851.05	1,563.82	287.23	6.445		
7,985.49	7,232.00	7,213.00	7,213.00	45.75	250.08	89.54	-694.73	-736.71	1,826.09	1,538.62	287.48	6.352		
8,000.00	7,232.12	7,213.12	7,213.12	45.86	250.09	89.55	-694.73	-736.71	1,815.90	1,528.33	287.57	6.315		
8,100.00	7,232.93	7,213.93	7,213.93	46.71	250.11	89.58	-694.73	-736.71	1,747.32	1,458.93	288.39	6.059		
8,200.00	7,233.74	7,214.74	7,214.74	47.73	250.14	89.62	-694.73	-736.71	1,681.90	1,392.42	289.48	5.810		
8,300.00	7,234.54	7,215.54	7,215.54	48.94	250.17	89.65	-694.73	-736.71	1,620.00	1,329.13	290.87	5.569		
8,400.00	7,235.35	7,216.35	7,216.35	50.32	250.20	89.69	-694.73	-736.71	1,562.06	1,269.48	292.58	5.339		
8,500.00	7,236.16	7,217.16	7,217.16	51.86	250.23	89.72	-694.73	-736.71	1,508.53	1,213.91	294.62	5.120		
8,600.00	7,236.97	7,217.97	7,217.97	53.54	250.26	89.76	-694.73	-736.71	1,459.90	1,162.92	296.98	4.916		
8,700.00	7,237.77	7,218.77	7,218.77	55.33	250.28	89.80	-694.73	-736.71	1,416.66	1,117.04	299.62	4.728		
8,800.00	7,238.58	7,219.58	7,219.58	57.24	250.31	89.83	-694.73	-736.71	1,379.33	1,076.82	302.51	4.560		
8,900.00	7,239.39	7,220.39	7,220.39	59.24	250.34	89.87	-694.73	-736.71	1,348.40	1,042.82	305.59	4.413		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,240.20	7,221.20	7,221.20	61.31	250.37	89.90	-694.73	-736.71	1,324.32	1,015.56	308.76	4.289		
9,100.00	7,241.01	7,222.01	7,222.01	63.46	250.40	89.94	-694.73	-736.71	1,307.45	995.51	311.95	4.191		
9,200.00	7,241.81	7,222.81	7,222.81	65.67	250.42	89.97	-694.73	-736.71	1,298.10	983.05	315.05	4.120		
9,271.90	7,242.39	7,223.39	7,223.39	67.30	250.45	90.00	-694.73	-736.71	1,296.11	978.92	317.19	4.086		
9,300.00	7,242.62	7,223.62	7,223.62	67.93	250.45	90.01	-694.73	-736.71	1,296.41	978.42	317.99	4.077		
9,400.00	7,243.43	7,224.43	7,224.43	70.25	250.48	90.05	-694.73	-736.71	1,302.42	981.74	320.68	4.061 SF		
9,500.00	7,244.24	7,225.24	7,225.24	72.60	250.51	90.08	-694.73	-736.71	1,316.02	992.96	323.07	4.074		
9,600.00	7,245.04	7,226.04	7,226.04	74.99	250.54	90.12	-694.73	-736.71	1,336.99	1,011.87	325.12	4.112		
9,700.00	7,245.85	7,226.85	7,226.85	77.42	250.57	90.15	-694.73	-736.71	1,364.97	1,038.15	326.82	4.177		
9,800.00	7,246.66	7,227.66	7,227.66	79.87	250.59	90.19	-694.73	-736.71	1,399.56	1,071.38	328.18	4.265		
9,900.00	7,247.47	7,228.47	7,228.47	82.36	250.62	90.22	-694.73	-736.71	1,440.27	1,111.05	329.22	4.375		
10,000.00	7,248.28	7,229.28	7,229.28	84.87	250.65	90.26	-694.73	-736.71	1,486.60	1,156.63	329.97	4.505		
10,100.00	7,249.08	7,230.08	7,230.08	87.40	250.68	90.30	-694.73	-736.71	1,538.05	1,207.58	330.47	4.654		
10,200.00	7,249.89	7,230.89	7,230.89	89.95	250.71	90.33	-694.73	-736.71	1,594.12	1,263.36	330.75	4.820		
10,300.00	7,250.70	7,231.70	7,231.70	92.52	250.74	90.37	-694.73	-736.71	1,654.33	1,323.47	330.86	5.000		
10,400.00	7,251.51	7,232.51	7,232.51	95.11	250.76	90.40	-694.73	-736.71	1,718.26	1,387.43	330.83	5.194		
10,500.00	7,252.31	7,233.31	7,233.31	97.71	250.79	90.44	-694.73	-736.71	1,785.51	1,454.82	330.69	5.399		
10,600.00	7,253.12	7,234.12	7,234.12	100.33	250.82	90.47	-694.73	-736.71	1,855.70	1,525.24	330.46	5.616		
10,700.00	7,253.93	7,234.93	7,234.93	102.96	250.85	90.51	-694.73	-736.71	1,928.53	1,598.37	330.16	5.841		
10,800.00	7,254.74	7,235.74	7,235.74	105.61	250.88	90.55	-694.73	-736.71	2,003.71	1,673.88	329.82	6.075		
10,900.00	7,255.55	7,236.55	7,236.55	108.26	250.90	90.58	-694.73	-736.71	2,080.97	1,751.52	329.45	6.317		
11,000.00	7,256.35	7,237.35	7,237.35	110.92	250.93	90.62	-694.73	-736.71	2,160.10	1,831.05	329.05	6.565		
11,100.00	7,257.16	7,238.16	7,238.16	113.60	250.96	90.65	-694.73	-736.71	2,240.90	1,912.26	328.64	6.819		
11,200.00	7,257.97	7,238.97	7,238.97	116.28	250.99	90.69	-694.73	-736.71	2,323.20	1,994.97	328.23	7.078		
11,300.00	7,258.78	7,239.78	7,239.78	118.97	251.02	90.72	-694.73	-736.71	2,406.83	2,079.02	327.81	7.342		
11,400.00	7,259.58	7,240.58	7,240.58	121.67	251.05	90.76	-694.73	-736.71	2,491.67	2,164.27	327.40	7.611		
11,500.00	7,260.39	7,241.39	7,241.39	124.38	251.07	90.80	-694.73	-736.71	2,577.60	2,250.61	326.99	7.883		
11,600.00	7,261.20	7,242.20	7,242.20	127.09	251.10	90.83	-694.73	-736.71	2,664.51	2,337.91	326.60	8.158		
11,700.00	7,262.01	7,243.01	7,243.01	129.81	251.13	90.87	-694.73	-736.71	2,752.31	2,426.09	326.21	8.437		
11,800.00	7,262.82	7,243.82	7,243.82	132.53	251.16	90.90	-694.73	-736.71	2,840.91	2,515.07	325.84	8.719		
11,900.00	7,263.62	7,244.62	7,244.62	135.26	251.19	90.94	-694.73	-736.71	2,930.25	2,604.77	325.48	9.003		
12,000.00	7,264.43	7,245.43	7,245.43	138.00	251.21	90.97	-694.73	-736.71	3,020.26	2,695.12	325.13	9.289		
12,100.00	7,265.24	7,246.24	7,246.24	140.74	251.24	91.01	-694.73	-736.71	3,110.88	2,786.08	324.80	9.578		
12,200.00	7,266.05	7,247.05	7,247.05	143.49	251.27	91.05	-694.73	-736.71	3,202.05	2,877.57	324.48	9.868		
12,300.00	7,266.86	7,247.86	7,247.86	146.24	251.30	91.08	-694.73	-736.71	3,293.74	2,969.57	324.17	10.160		
12,400.00	7,267.66	7,248.66	7,248.66	148.99	251.33	91.12	-694.73	-736.71	3,385.90	3,062.02	323.88	10.454		
12,500.00	7,268.47	7,249.47	7,249.47	151.75	251.36	91.15	-694.73	-736.71	3,478.49	3,154.89	323.60	10.749		
12,600.00	7,269.28	7,250.28	7,250.28	154.51	251.38	91.19	-694.73	-736.71	3,571.48	3,248.15	323.33	11.046		
12,700.00	7,270.09	7,251.09	7,251.09	157.27	251.41	91.22	-694.73	-736.71	3,664.84	3,341.76	323.07	11.344		
12,800.00	7,270.89	7,251.89	7,251.89	160.04	251.44	91.26	-694.73	-736.71	3,758.54	3,435.71	322.83	11.643		
12,900.00	7,271.70	7,252.70	7,252.70	162.81	251.47	91.30	-694.73	-736.71	3,852.55	3,529.96	322.60	11.942		
13,000.00	7,272.51	7,253.51	7,253.51	165.58	251.50	91.33	-694.73	-736.71	3,946.87	3,624.49	322.37	12.243		
13,100.00	7,273.32	7,254.32	7,254.32	168.36	251.52	91.37	-694.73	-736.71	4,041.45	3,719.29	322.16	12.545		
13,200.00	7,274.13	7,255.13	7,255.13	171.14	251.55	91.40	-694.73	-736.71	4,136.29	3,814.33	321.96	12.847		
13,300.00	7,274.93	7,255.93	7,255.93	173.92	251.58	91.44	-694.73	-736.71	4,231.37	3,909.60	321.77	13.150		
13,400.00	7,275.74	7,256.74	7,256.74	176.71	251.61	91.47	-694.73	-736.71	4,326.66	4,005.08	321.58	13.454		
13,500.00	7,276.55	7,257.55	7,257.55	179.49	251.64	91.51	-694.73	-736.71	4,422.17	4,100.76	321.41	13.759		
13,555.88	7,277.00	7,258.00	7,258.00	181.05	251.65	91.53	-694.73	-736.71	4,475.63	4,154.31	321.32	13.929		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-53.77	302.37	-412.69	511.89					
100.00	100.00	78.97	78.96	3.28	3.28	-53.73	302.83	-412.74	511.93	505.36	6.57	77.925		
200.00	200.00	179.66	179.65	3.34	3.33	-53.62	304.11	-412.85	512.77	506.11	6.67	76.934		
300.00	299.98	280.43	280.42	3.44	3.43	160.56	304.99	-412.88	514.97	508.10	6.87	74.984		
400.00	399.84	379.58	379.57	3.59	3.57	160.77	305.73	-413.00	520.45	513.28	7.17	72.622		
500.00	499.45	479.95	479.93	3.79	3.76	161.08	306.52	-413.15	529.27	521.71	7.56	70.027		
600.00	598.70	579.27	579.25	4.04	3.99	161.48	307.16	-413.21	541.26	533.24	8.03	67.432		
700.00	697.47	676.70	676.68	4.32	4.24	161.91	307.70	-413.46	556.67	548.12	8.56	65.048		
800.00	795.62	775.07	775.05	4.64	4.52	162.41	308.31	-413.85	575.55	566.40	9.15	62.917		
900.00	893.06	871.19	871.16	5.01	4.81	162.93	308.78	-414.30	597.73	587.95	9.78	61.128		
1,000.00	989.64	967.09	967.05	5.41	5.12	163.46	309.22	-415.05	623.44	613.00	10.45	59.670		
1,100.00	1,085.27	1,063.86	1,063.82	5.85	5.45	164.03	309.67	-415.71	652.40	641.24	11.16	58.480		
1,200.00	1,179.82	1,156.77	1,156.73	6.33	5.77	164.57	309.97	-416.30	684.51	672.64	11.88	57.628		
1,300.00	1,273.78	1,251.05	1,251.00	6.85	6.11	165.27	310.35	-417.21	718.61	705.98	12.62	56.926		
1,400.00	1,367.75	1,345.81	1,345.76	7.38	6.45	165.90	310.38	-417.96	752.43	739.04	13.39	56.213		
1,500.00	1,461.72	1,438.23	1,438.18	7.93	6.80	166.47	310.69	-418.69	786.51	772.36	14.15	55.573		
1,600.00	1,555.69	1,534.11	1,534.06	8.49	7.16	167.01	310.85	-419.53	820.61	805.66	14.95	54.880		
1,700.00	1,649.66	1,631.70	1,631.64	9.07	7.53	167.53	310.93	-419.87	854.36	838.58	15.77	54.160		
1,800.00	1,743.63	1,727.15	1,727.10	9.65	7.90	168.00	310.82	-420.00	887.89	871.29	16.59	53.504		
1,900.00	1,837.60	1,821.75	1,821.70	10.24	8.27	168.44	310.65	-420.06	921.38	903.96	17.42	52.899		
2,000.00	1,931.57	1,916.70	1,916.64	10.83	8.64	168.83	310.33	-420.14	954.81	936.56	18.25	52.318		
2,100.00	2,025.54	2,010.60	2,010.54	11.43	9.01	169.19	309.90	-420.33	988.29	969.20	19.08	51.787		
2,200.00	2,119.51	2,109.50	2,109.44	12.03	9.41	169.50	308.85	-420.79	1,021.55	1,001.60	19.96	51.192		
2,300.00	2,213.48	2,207.15	2,207.07	12.64	9.80	169.75	307.08	-421.46	1,054.47	1,033.64	20.83	50.632		
2,400.00	2,307.45	2,299.77	2,299.66	13.25	10.17	169.96	305.12	-422.30	1,087.34	1,065.67	21.67	50.175		
2,500.00	2,401.42	2,392.85	2,392.72	13.87	10.55	170.14	303.09	-423.37	1,120.34	1,097.82	22.52	49.743		
2,600.00	2,495.39	2,481.13	2,480.96	14.48	10.91	170.29	301.20	-424.73	1,153.63	1,130.28	23.35	49.414		
2,700.00	2,589.35	2,571.73	2,571.53	15.10	11.29	170.43	299.43	-426.56	1,187.36	1,163.17	24.19	49.089		
2,800.00	2,683.32	2,663.03	2,662.79	15.72	11.66	170.57	297.92	-428.42	1,221.32	1,196.28	25.04	48.782		
2,900.00	2,777.29	2,755.64	2,755.37	16.34	12.04	170.71	296.56	-430.38	1,255.46	1,229.56	25.90	48.481		
3,000.00	2,871.26	2,850.00	2,849.71	16.97	12.43	170.84	295.21	-432.38	1,289.63	1,262.86	26.77	48.174		
3,100.00	2,965.23	2,943.66	2,943.34	17.59	12.82	170.98	293.96	-434.19	1,323.77	1,296.13	27.64	47.891		
3,200.00	3,059.20	3,036.61	3,036.27	18.22	13.21	171.12	293.04	-435.79	1,358.00	1,329.49	28.51	47.636		
3,300.00	3,153.17	3,132.95	3,132.60	18.84	13.61	171.27	292.27	-437.19	1,392.21	1,362.81	29.40	47.353		
3,400.00	3,247.14	3,228.90	3,228.54	19.47	14.01	171.43	291.38	-438.30	1,426.15	1,395.86	30.29	47.080		
3,500.00	3,341.11	3,317.91	3,317.53	20.10	14.38	171.56	290.72	-439.47	1,460.33	1,429.20	31.13	46.906		
3,600.00	3,435.08	3,414.44	3,414.06	20.73	14.78	171.71	290.23	-440.54	1,494.55	1,462.52	32.03	46.658		
3,700.00	3,529.05	3,510.83	3,510.44	21.36	15.18	171.87	289.73	-441.36	1,528.62	1,495.69	32.93	46.420		
3,800.00	3,623.02	3,593.44	3,593.05	21.99	15.53	171.99	289.45	-442.34	1,563.01	1,529.28	33.72	46.346		
3,900.00	3,716.99	3,684.71	3,684.31	22.62	15.91	172.12	289.45	-443.60	1,597.79	1,563.20	34.59	46.197		
4,000.00	3,810.95	3,777.38	3,776.98	23.25	16.30	172.26	289.78	-444.66	1,632.66	1,597.20	35.46	46.044		
4,100.00	3,904.92	3,867.14	3,866.73	23.88	16.68	172.40	290.35	-445.55	1,667.66	1,631.35	36.31	45.929		
4,200.00	3,998.89	3,959.13	3,958.70	24.52	17.06	172.54	291.20	-446.46	1,702.87	1,665.69	37.18	45.803		
4,300.00	4,092.86	4,050.20	4,049.76	25.15	17.45	172.67	291.84	-447.66	1,738.13	1,700.09	38.04	45.691		
4,400.00	4,186.83	4,146.63	4,146.19	25.78	17.85	172.80	292.63	-449.01	1,773.54	1,734.59	38.95	45.537		
4,500.00	4,280.80	4,248.88	4,248.43	26.42	18.28	172.93	293.08	-450.12	1,808.47	1,768.57	39.90	45.324		
4,600.00	4,374.77	4,344.41	4,343.96	27.05	18.69	173.05	293.36	-450.92	1,843.17	1,802.36	40.80	45.174		
4,700.00	4,468.74	4,436.92	4,436.46	27.68	19.08	173.15	293.50	-451.85	1,877.88	1,836.20	41.68	45.057		
4,800.00	4,562.71	4,532.72	4,532.26	28.32	19.48	173.26	293.79	-452.73	1,912.65	1,870.06	42.58	44.917		
4,900.00	4,656.68	4,634.46	4,633.99	28.95	19.91	173.35	293.46	-453.84	1,947.07	1,903.53	43.53	44.725		
5,000.00	4,750.65	4,730.63	4,730.15	29.59	20.32	173.44	292.85	-454.89	1,981.28	1,936.84	44.44	44.581		
5,100.00	4,844.62	4,826.21	4,825.72	30.23	20.72	173.50	292.03	-456.08	2,015.42	1,970.07	45.35	44.445		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,921.85	4,921.35	30.86	21.13	173.57	290.99	-457.36	2,049.46	2,003.21	46.25	44.311		
5,300.00	5,032.56	5,014.75	5,014.23	31.50	21.52	173.62	289.86	-458.78	2,083.53	2,036.39	47.14	44.203		
5,400.00	5,126.52	5,114.29	5,113.75	32.13	21.94	173.67	288.65	-460.14	2,117.50	2,069.42	48.07	44.047		
5,500.00	5,220.49	5,218.47	5,217.91	32.77	22.38	173.72	286.90	-461.49	2,151.08	2,102.03	49.05	43.857		
5,600.00	5,314.46	5,315.79	5,315.21	33.41	22.79	173.78	285.33	-462.20	2,184.38	2,134.42	49.97	43.716		
5,700.00	5,408.43	5,407.40	5,406.81	34.04	23.18	173.85	284.22	-462.47	2,217.71	2,166.87	50.84	43.620		
5,800.00	5,502.40	5,503.43	5,502.84	34.68	23.59	173.92	283.08	-462.75	2,251.05	2,199.30	51.75	43.498		
5,900.00	5,596.37	5,612.07	5,611.46	35.32	24.05	173.99	281.43	-462.88	2,284.06	2,231.30	52.76	43.292		
6,000.00	5,690.34	5,699.34	5,698.73	35.96	24.42	174.05	280.14	-462.80	2,316.97	2,263.37	53.60	43.226		
6,100.00	5,784.31	5,794.70	5,794.08	36.59	24.82	174.12	278.77	-462.79	2,349.96	2,295.45	54.51	43.114		
6,200.00	5,878.28	5,897.89	5,897.25	37.23	25.26	174.19	277.18	-462.57	2,382.76	2,327.29	55.47	42.954		
6,300.00	5,972.25	5,979.26	5,978.61	37.87	25.60	174.25	276.22	-462.14	2,415.63	2,359.37	56.27	42.931		
6,400.00	6,066.22	6,079.37	6,078.72	38.51	26.02	174.34	275.45	-461.53	2,448.76	2,391.55	57.21	42.803		
6,500.00	6,160.19	6,174.90	6,174.24	39.14	26.42	174.42	274.54	-460.72	2,481.61	2,423.50	58.12	42.700		
6,600.00	6,254.16	6,273.31	6,272.64	39.78	26.84	174.49	273.43	-460.05	2,514.45	2,455.40	59.05	42.584		
6,700.00	6,348.13	6,360.89	6,360.21	40.42	27.21	174.56	272.55	-459.26	2,547.24	2,487.35	59.89	42.531		
6,800.00	6,442.09	6,451.21	6,450.53	41.06	27.59	174.63	271.92	-458.61	2,580.38	2,519.62	60.76	42.470		
6,869.92	6,507.80	6,517.50	6,516.82	41.51	27.87	174.68	271.44	-458.14	2,603.53	2,542.14	61.39	42.410		
6,900.00	6,536.18	6,544.29	6,543.61	41.69	27.99	167.22	271.22	-457.99	2,613.10	2,551.45	61.64	42.390		
6,950.00	6,583.76	6,589.18	6,588.50	41.98	28.18	153.10	270.85	-457.82	2,627.19	2,565.13	62.06	42.331		
7,000.00	6,631.58	6,639.25	6,638.56	42.23	28.39	137.80	270.39	-457.73	2,638.95	2,576.44	62.51	42.215		
7,050.00	6,679.34	6,690.88	6,690.19	42.44	28.61	123.11	269.80	-457.64	2,648.23	2,585.27	62.96	42.063		
7,100.00	6,726.76	6,732.74	6,732.05	42.62	28.78	110.53	269.32	-457.59	2,655.09	2,591.78	63.31	41.939		
7,150.00	6,773.53	6,771.97	6,771.28	42.78	28.95	100.66	268.99	-457.56	2,659.66	2,596.04	63.62	41.805		
7,200.00	6,819.38	6,810.98	6,810.29	42.91	29.12	93.26	268.79	-457.56	2,661.96	2,598.04	63.92	41.648		
7,250.00	6,864.01	6,850.60	6,849.91	43.03	29.29	87.87	268.65	-457.62	2,662.00	2,597.80	64.20	41.462		
7,300.00	6,907.16	6,888.93	6,888.23	43.14	29.45	83.99	268.56	-457.72	2,659.84	2,595.36	64.47	41.256		
7,350.00	6,948.56	6,927.82	6,927.13	43.24	29.61	81.31	268.51	-457.88	2,655.53	2,590.79	64.74	41.015		
7,400.00	6,987.94	6,965.70	6,965.01	43.35	29.78	79.54	268.49	-458.04	2,649.14	2,584.13	65.01	40.747		
7,450.00	7,025.08	7,001.70	7,001.00	43.46	29.93	78.50	268.48	-458.21	2,640.79	2,575.51	65.28	40.452		
7,500.00	7,059.73	7,041.04	7,040.34	43.57	30.10	78.13	268.45	-458.38	2,630.57	2,564.96	65.60	40.098		
7,550.00	7,091.70	7,077.32	7,076.62	43.70	30.25	78.24	268.37	-458.51	2,618.57	2,552.64	65.93	39.717		
7,600.00	7,120.77	7,110.31	7,109.61	43.84	30.39	78.76	268.25	-458.60	2,604.98	2,538.71	66.27	39.306		
7,650.00	7,146.77	7,129.87	7,129.17	44.00	30.48	79.42	268.20	-458.69	2,590.04	2,523.49	66.55	38.917		
7,700.00	7,169.54	7,149.36	7,148.66	44.18	30.56	80.41	268.16	-458.78	2,573.90	2,507.01	66.89	38.478		
7,750.00	7,188.94	7,166.08	7,165.38	44.38	30.63	81.63	268.14	-458.89	2,556.72	2,489.44	67.28	38.003		
7,800.00	7,204.85	7,179.89	7,179.19	44.61	30.69	83.06	268.13	-458.98	2,538.64	2,470.94	67.71	37.493		
7,850.00	7,217.17	7,190.71	7,190.01	44.88	30.73	84.64	268.13	-459.07	2,519.84	2,451.64	68.19	36.951		
7,900.00	7,225.83	7,198.46	7,197.76	45.17	30.77	86.36	268.14	-459.13	2,500.44	2,431.71	68.73	36.381		
7,950.00	7,230.77	7,203.56	7,202.86	45.50	30.79	88.18	268.14	-459.17	2,480.59	2,411.27	69.32	35.786		
7,985.49	7,232.00	7,205.10	7,204.40	45.75	30.80	89.53	268.14	-459.19	2,466.30	2,396.54	69.76	35.354		
8,000.00	7,232.12	7,205.34	7,204.64	45.86	30.80	89.53	268.14	-459.19	2,460.47	2,390.52	69.95	35.176		
8,100.00	7,232.93	7,207.00	7,206.30	46.71	30.80	89.57	268.14	-459.20	2,422.26	2,350.89	71.37	33.938		
8,200.00	7,233.74	7,208.67	7,207.97	47.73	30.81	89.62	268.15	-459.22	2,387.63	2,314.61	73.03	32.696		
8,300.00	7,234.54	7,210.33	7,209.63	48.94	30.82	89.66	268.15	-459.23	2,356.74	2,281.86	74.89	31.471		
8,400.00	7,235.35	7,211.99	7,211.29	50.32	30.82	89.70	268.15	-459.25	2,329.73	2,252.80	76.93	30.283		
8,500.00	7,236.16	7,213.66	7,212.96	51.86	30.83	89.74	268.15	-459.26	2,306.75	2,227.61	79.13	29.150		
8,600.00	7,236.97	7,215.32	7,214.62	53.54	30.84	89.79	268.15	-459.28	2,287.90	2,206.44	81.47	28.084		
8,700.00	7,237.77	7,216.98	7,216.28	55.33	30.85	89.83	268.15	-459.29	2,273.30	2,189.41	83.89	27.098		
8,800.00	7,238.58	7,218.65	7,217.94	57.24	30.85	89.87	268.15	-459.30	2,263.03	2,176.65	86.39	26.197		
8,900.00	7,239.39	7,220.31	7,219.61	59.24	30.86	89.91	268.16	-459.32	2,257.15	2,168.23	88.91	25.386		
8,983.04	7,240.06	7,221.69	7,220.99	60.96	30.87	89.95	268.16	-459.33	2,255.62	2,164.60	91.02	24.782		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,000.00	7,240.20	7,221.97	7,221.27	61.31	30.87	89.95	268.16	-459.33	2,255.68	2,164.24	91.44	24.668		
9,100.00	7,241.01	7,223.63	7,222.93	63.46	30.87	90.00	268.16	-459.35	2,258.65	2,164.70	93.95	24.041		
9,200.00	7,241.81	7,225.30	7,224.59	65.67	30.88	90.04	268.16	-459.36	2,266.03	2,169.62	96.40	23.505		
9,300.00	7,242.62	7,226.96	7,226.26	67.93	30.89	90.08	268.16	-459.37	2,277.77	2,178.98	98.79	23.057		
9,400.00	7,243.43	7,228.62	7,227.92	70.25	30.90	90.12	268.16	-459.39	2,293.82	2,192.74	101.08	22.692		
9,500.00	7,244.24	7,230.28	7,229.58	72.60	30.90	90.17	268.16	-459.40	2,314.09	2,210.81	103.27	22.407		
9,600.00	7,245.04	7,231.95	7,231.24	74.99	30.91	90.21	268.16	-459.42	2,338.45	2,233.11	105.34	22.198		
9,700.00	7,245.85	7,233.61	7,232.91	77.42	30.92	90.25	268.17	-459.43	2,366.79	2,259.50	107.29	22.060		
9,800.00	7,246.66	7,235.27	7,234.57	79.87	30.92	90.29	268.17	-459.45	2,398.97	2,289.87	109.10	21.988		
9,900.00	7,247.47	7,236.93	7,236.23	82.36	30.93	90.33	268.17	-459.46	2,434.83	2,324.05	110.78	21.979 SF		
10,000.00	7,248.28	7,238.59	7,237.89	84.87	30.94	90.38	268.17	-459.47	2,474.21	2,361.89	112.33	22.027		
10,100.00	7,249.08	7,240.25	7,239.55	87.40	30.95	90.42	268.17	-459.49	2,516.96	2,403.21	113.74	22.129		
10,200.00	7,249.89	7,241.92	7,241.21	89.95	30.95	90.46	268.17	-459.50	2,562.89	2,447.86	115.03	22.280		
10,300.00	7,250.70	7,243.58	7,242.87	92.52	30.96	90.50	268.17	-459.52	2,611.84	2,495.65	116.19	22.478		
10,400.00	7,251.51	7,245.24	7,244.53	95.11	30.97	90.55	268.18	-459.53	2,663.65	2,546.41	117.24	22.719		
10,500.00	7,252.31	7,246.90	7,246.20	97.71	30.97	90.59	268.18	-459.55	2,718.15	2,599.97	118.19	22.999		
10,600.00	7,253.12	7,248.56	7,247.86	100.33	30.98	90.63	268.18	-459.56	2,775.19	2,656.16	119.03	23.316		
10,700.00	7,253.93	7,250.22	7,249.52	102.96	30.99	90.67	268.18	-459.57	2,834.60	2,714.83	119.77	23.667		
10,800.00	7,254.74	7,251.88	7,251.18	105.61	30.99	90.71	268.18	-459.59	2,896.25	2,775.82	120.43	24.049		
10,900.00	7,255.55	7,253.54	7,252.84	108.26	31.00	90.76	268.18	-459.60	2,959.99	2,838.98	121.01	24.461		
11,000.00	7,256.35	7,255.20	7,254.50	110.92	31.01	90.80	268.18	-459.62	3,025.69	2,904.18	121.52	24.899		
11,100.00	7,257.16	7,256.86	7,256.16	113.60	31.02	90.84	268.19	-459.63	3,093.23	2,971.27	121.96	25.363		
11,200.00	7,257.97	7,258.52	7,257.82	116.28	31.02	90.88	268.19	-459.64	3,162.49	3,040.15	122.34	25.850		
11,300.00	7,258.78	7,260.18	7,259.48	118.97	31.03	90.92	268.19	-459.66	3,233.36	3,110.69	122.67	26.358		
11,400.00	7,259.58	7,261.84	7,261.14	121.67	31.04	90.97	268.19	-459.67	3,305.74	3,182.79	122.95	26.887		
11,500.00	7,260.39	7,263.50	7,262.80	124.38	31.04	91.01	268.19	-459.69	3,379.52	3,256.33	123.19	27.434		
11,600.00	7,261.20	7,265.16	7,264.46	127.09	31.05	91.05	268.19	-459.70	3,454.62	3,331.23	123.39	27.998		
11,700.00	7,262.01	7,266.82	7,266.12	129.81	31.06	91.09	268.19	-459.72	3,530.96	3,407.41	123.55	28.579		
11,800.00	7,262.82	7,268.48	7,267.78	132.53	31.07	91.14	268.19	-459.73	3,608.45	3,484.76	123.68	29.175		
11,900.00	7,263.62	7,270.14	7,269.44	135.26	31.07	91.18	268.20	-459.74	3,687.02	3,563.23	123.79	29.785		
12,000.00	7,264.43	7,271.80	7,271.10	138.00	31.08	91.22	268.20	-459.76	3,766.61	3,642.74	123.87	30.408		
12,100.00	7,265.24	7,273.46	7,272.76	140.74	31.09	91.26	268.20	-459.77	3,847.15	3,723.22	123.93	31.043		
12,200.00	7,266.05	7,275.12	7,274.41	143.49	31.09	91.30	268.20	-459.79	3,928.59	3,804.62	123.97	31.690		
12,300.00	7,266.86	7,276.78	7,276.07	146.24	31.10	91.35	268.20	-459.80	4,010.86	3,886.87	123.99	32.347		
12,400.00	7,267.66	7,278.44	7,277.73	148.99	31.11	91.39	268.20	-459.81	4,093.92	3,969.92	124.00	33.015		
12,500.00	7,268.47	7,280.09	7,279.39	151.75	31.12	91.43	268.20	-459.83	4,177.73	4,053.73	124.00	33.692		
12,600.00	7,269.28	7,281.75	7,281.05	154.51	31.12	91.47	268.21	-459.84	4,262.23	4,138.25	123.98	34.378		
12,700.00	7,270.09	7,283.41	7,282.71	157.27	31.13	91.51	268.21	-459.86	4,347.39	4,223.43	123.96	35.072		
12,800.00	7,270.89	7,285.07	7,284.37	160.04	31.14	91.56	268.21	-459.87	4,433.17	4,309.24	123.92	35.774		
12,900.00	7,271.70	7,286.73	7,286.02	162.81	31.14	91.60	268.21	-459.89	4,519.53	4,395.65	123.88	36.483		
13,000.00	7,272.51	7,288.39	7,287.68	165.58	31.15	91.64	268.21	-459.90	4,606.44	4,482.61	123.83	37.199		
13,100.00	7,273.32	7,290.04	7,289.34	168.36	31.16	91.68	268.21	-459.91	4,693.88	4,570.10	123.78	37.921		
13,200.00	7,274.13	7,291.70	7,291.00	171.14	31.16	91.72	268.21	-459.93	4,781.80	4,658.08	123.72	38.650		
13,300.00	7,274.93	7,293.36	7,292.66	173.92	31.17	91.77	268.21	-459.94	4,870.20	4,746.54	123.66	39.384		
13,400.00	7,275.74	7,295.02	7,294.31	176.71	31.18	91.81	268.22	-459.96	4,959.03	4,835.43	123.59	40.124		
13,500.00	7,276.55	7,296.68	7,295.97	179.49	31.19	91.85	268.22	-459.97	5,048.28	4,924.75	123.53	40.868		
13,555.88	7,277.00	7,297.60	7,296.90	181.05	31.19	91.87	268.22	-459.98	5,098.33	4,974.84	123.49	41.287		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-117.19	-2,201.86	-4,286.72	4,819.17					
100.00	100.00	106.53	106.53	3.28	3.29	-117.19	-2,201.78	-4,286.51	4,818.97	4,812.39	6.57	733.171		
192.47	192.47	178.47	178.47	3.33	3.33	-117.19	-2,201.60	-4,286.46	4,818.79	4,812.14	6.66	723.873		
200.00	200.00	184.52	184.51	3.34	3.33	-117.19	-2,201.58	-4,286.47	4,818.79	4,812.13	6.67	722.754		
300.00	299.98	318.41	318.41	3.44	3.48	96.91	-2,200.66	-4,286.58	4,818.79	4,811.87	6.92	696.777		
391.03	390.89	419.08	419.07	3.58	3.64	96.98	-2,200.03	-4,286.08	4,818.69	4,811.47	7.22	667.743		
400.00	399.84	417.34	417.34	3.59	3.64	96.98	-2,200.04	-4,286.11	4,818.71	4,811.48	7.23	666.668		
500.00	499.45	485.04	485.03	3.79	3.77	97.03	-2,199.88	-4,285.94	4,819.46	4,811.90	7.56	637.435		
600.00	598.70	585.06	585.06	4.04	4.00	97.15	-2,199.65	-4,286.14	4,821.05	4,813.01	8.03	600.189		
700.00	697.47	722.15	722.13	4.32	4.36	97.38	-2,198.57	-4,286.02	4,822.60	4,813.92	8.68	555.543		
800.00	795.62	818.04	818.02	4.64	4.64	97.56	-2,198.02	-4,285.42	4,824.29	4,815.01	9.29	519.449		
900.00	893.06	895.43	895.41	5.01	4.88	97.72	-2,197.89	-4,285.02	4,826.80	4,816.91	9.89	487.970		
1,000.00	989.64	971.12	971.10	5.41	5.13	97.88	-2,197.90	-4,284.91	4,830.31	4,819.77	10.54	458.382		
1,100.00	1,085.27	1,057.03	1,057.01	5.85	5.41	98.09	-2,197.81	-4,285.18	4,834.80	4,823.54	11.26	429.189		
1,200.00	1,179.82	1,173.66	1,173.64	6.33	5.82	98.44	-2,197.22	-4,285.67	4,839.93	4,827.78	12.15	398.364		
1,300.00	1,273.78	1,271.04	1,271.02	6.85	6.17	98.84	-2,196.69	-4,285.62	4,845.10	4,832.09	13.01	372.421		
1,400.00	1,367.75	1,355.72	1,355.70	7.38	6.48	99.18	-2,196.66	-4,285.50	4,850.64	4,836.79	13.85	350.225		
1,500.00	1,461.72	1,434.37	1,434.35	7.93	6.77	99.49	-2,196.87	-4,285.48	4,856.63	4,841.94	14.69	330.663		
1,600.00	1,555.69	1,508.96	1,508.94	8.49	7.05	99.78	-2,197.13	-4,285.76	4,863.22	4,847.70	15.52	313.252		
1,700.00	1,649.66	1,592.63	1,592.60	9.07	7.37	100.11	-2,197.47	-4,286.33	4,870.33	4,853.92	16.41	296.785		
1,800.00	1,743.63	1,675.83	1,675.80	9.65	7.69	100.44	-2,197.98	-4,287.01	4,877.86	4,860.55	17.31	281.875		
1,900.00	1,837.60	1,758.91	1,758.87	10.24	8.01	100.77	-2,198.71	-4,287.80	4,885.83	4,867.62	18.21	268.323		
2,000.00	1,931.57	1,878.64	1,878.59	10.83	8.48	101.24	-2,199.61	-4,288.99	4,894.06	4,874.79	19.27	253.990		
2,100.00	2,025.54	2,000.22	2,000.17	11.43	8.96	101.71	-2,200.37	-4,289.31	4,901.78	4,881.43	20.35	240.925		
2,200.00	2,119.51	2,131.89	2,131.84	12.03	9.48	102.22	-2,200.56	-4,288.90	4,909.02	4,887.55	21.47	228.632		
2,300.00	2,213.48	2,222.67	2,222.62	12.64	9.85	102.57	-2,200.62	-4,288.35	4,916.24	4,893.81	22.44	219.129		
2,400.00	2,307.45	2,300.00	2,299.94	13.25	10.16	102.87	-2,201.16	-4,287.89	4,923.91	4,900.56	23.35	210.893		
2,500.00	2,401.42	2,362.52	2,362.46	13.87	10.41	103.10	-2,201.83	-4,287.76	4,932.25	4,908.05	24.20	203.807		
2,600.00	2,495.39	2,435.90	2,435.83	14.48	10.71	103.38	-2,202.63	-4,288.10	4,941.38	4,916.28	25.10	196.866		
2,700.00	2,589.35	2,535.32	2,535.24	15.10	11.12	103.76	-2,203.48	-4,288.77	4,950.85	4,924.74	26.11	189.596		
2,800.00	2,683.32	2,646.25	2,646.17	15.72	11.57	104.18	-2,204.38	-4,289.16	4,960.24	4,933.06	27.18	182.515		
2,900.00	2,777.29	2,743.30	2,743.22	16.34	11.97	104.54	-2,205.26	-4,289.29	4,969.67	4,941.48	28.18	176.327		
3,000.00	2,871.26	2,825.03	2,824.95	16.97	12.31	104.84	-2,206.18	-4,289.38	4,979.35	4,950.23	29.13	170.953		
3,100.00	2,965.23	2,889.66	2,889.57	17.59	12.57	105.09	-2,206.91	-4,289.78	4,989.70	4,959.71	30.00	166.351		
3,200.00	3,059.20	3,014.20	3,014.09	18.22	13.09	105.55	-2,207.86	-4,290.78	5,000.34	4,969.22	31.13	160.644		
3,300.00	3,153.17	3,117.83	3,117.73	18.84	13.52	105.94	-2,208.54	-4,291.09	5,010.68	4,978.51	32.17	155.765		
3,400.00	3,247.14	3,191.49	3,191.38	19.47	13.82	106.21	-2,209.32	-4,291.34	5,021.37	4,988.29	33.08	151.805		
3,500.00	3,341.11	3,266.92	3,266.80	20.10	14.14	106.49	-2,210.31	-4,291.84	5,032.63	4,998.63	33.99	148.043		
3,600.00	3,435.08	3,381.16	3,381.03	20.73	14.61	106.90	-2,211.48	-4,292.85	5,044.23	5,009.15	35.09	143.769		
3,700.00	3,529.05	3,482.79	3,482.66	21.36	15.03	107.28	-2,211.92	-4,293.43	5,055.57	5,019.45	36.12	139.964		
3,800.00	3,623.02	3,577.99	3,577.86	21.99	15.43	107.63	-2,212.27	-4,293.96	5,067.09	5,029.96	37.13	136.481		
3,900.00	3,716.99	3,673.16	3,673.03	22.62	15.83	107.98	-2,212.55	-4,294.47	5,078.78	5,040.65	38.13	133.187		
4,000.00	3,810.95	3,768.31	3,768.17	23.25	16.23	108.33	-2,212.79	-4,294.98	5,090.66	5,051.52	39.14	130.067		
4,100.00	3,904.92	3,863.42	3,863.29	23.88	16.63	108.68	-2,212.96	-4,295.48	5,102.72	5,062.57	40.14	127.109		
4,200.00	3,998.89	3,958.51	3,958.37	24.52	17.03	109.03	-2,213.08	-4,295.97	5,114.96	5,073.81	41.15	124.301		
4,300.00	4,092.86	4,053.57	4,053.43	25.15	17.43	109.38	-2,213.15	-4,296.45	5,127.38	5,085.22	42.15	121.633		
4,400.00	4,186.83	4,148.59	4,148.45	25.78	17.83	109.72	-2,213.16	-4,296.92	5,139.97	5,096.82	43.16	119.095		
4,500.00	4,280.80	4,246.47	4,246.33	26.42	18.24	110.08	-2,213.08	-4,297.39	5,152.74	5,108.56	44.18	116.642		
4,600.00	4,374.77	4,345.09	4,344.95	27.05	18.65	110.44	-2,212.67	-4,297.82	5,165.60	5,120.40	45.20	114.295		
4,700.00	4,468.74	4,438.71	4,438.57	27.68	19.05	110.78	-2,212.00	-4,298.25	5,178.62	5,132.43	46.19	112.114		
4,800.00	4,562.71	4,520.89	4,520.74	28.32	19.39	111.08	-2,211.38	-4,298.68	5,191.91	5,144.77	47.13	110.157		
4,900.00	4,656.68	4,584.96	4,584.81	28.95	19.66	111.31	-2,210.83	-4,299.34	5,205.82	5,157.83	47.99	108.488		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,750.65	4,687.31	4,687.14	29.59	20.10	111.69	-2,209.85	-4,300.69	5,220.20	5,171.18	49.02	106.492		
5,100.00	4,844.62	4,790.38	4,790.20	30.23	20.53	112.06	-2,208.79	-4,301.78	5,234.52	5,184.47	50.06	104.572		
5,200.00	4,938.59	4,916.63	4,916.45	30.86	21.06	112.51	-2,208.43	-4,302.39	5,248.64	5,197.44	51.20	102.504		
5,300.00	5,032.56	5,003.09	5,002.90	31.50	21.43	112.80	-2,209.13	-4,302.47	5,262.76	5,210.60	52.16	100.894		
5,400.00	5,126.52	5,077.39	5,077.20	32.13	21.74	113.05	-2,209.85	-4,302.71	5,277.31	5,224.25	53.06	99.460		
5,500.00	5,220.49	5,162.64	5,162.45	32.77	22.11	113.34	-2,210.46	-4,303.29	5,292.31	5,238.30	54.01	97.990		
5,600.00	5,314.46	5,252.21	5,252.01	33.41	22.48	113.65	-2,210.76	-4,304.03	5,307.58	5,252.60	54.98	96.541		
5,700.00	5,408.43	5,383.15	5,382.94	34.04	23.04	114.09	-2,211.35	-4,304.89	5,322.93	5,266.79	56.15	94.802		
5,800.00	5,502.40	5,485.87	5,485.67	34.68	23.47	114.43	-2,212.26	-4,304.83	5,337.80	5,280.62	57.18	93.352		
5,900.00	5,596.37	5,594.62	5,594.40	35.32	23.94	114.78	-2,214.03	-4,304.50	5,352.71	5,294.47	58.24	91.907		
6,000.00	5,690.34	5,675.90	5,675.67	35.96	24.28	115.04	-2,215.22	-4,304.24	5,367.74	5,308.57	59.17	90.723		
6,100.00	5,784.31	5,743.82	5,743.58	36.59	24.57	115.25	-2,216.13	-4,304.26	5,383.26	5,323.23	60.02	89.684		
6,200.00	5,878.28	5,809.88	5,809.63	37.23	24.85	115.47	-2,217.10	-4,304.67	5,399.47	5,338.60	60.87	88.705		
6,300.00	5,972.25	5,905.09	5,904.83	37.87	25.25	115.77	-2,218.08	-4,305.52	5,416.06	5,354.20	61.86	87.552		
6,400.00	6,066.22	6,029.32	6,029.06	38.51	25.78	116.18	-2,218.34	-4,306.40	5,432.56	5,369.56	63.00	86.237		
6,500.00	6,160.19	6,151.38	6,151.12	39.14	26.30	116.58	-2,218.32	-4,306.53	5,448.63	5,384.51	64.12	84.979		
6,600.00	6,254.16	6,350.34	6,249.40	39.78	27.14	116.90	-2,218.57	-4,306.35	5,464.62	5,399.07	65.55	83.371		
6,700.00	6,348.13	6,343.82	6,343.56	40.42	27.11	117.19	-2,219.07	-4,306.14	5,480.77	5,414.67	66.10	82.916		
6,800.00	6,442.09	6,437.99	6,437.72	41.06	27.51	117.49	-2,219.56	-4,305.93	5,497.08	5,430.00	67.08	81.948		
6,869.92	6,507.80	6,503.83	6,503.56	41.51	27.79	117.70	-2,219.91	-4,305.78	5,508.58	5,440.81	67.76	81.290		
6,900.00	6,536.18	6,532.26	6,532.00	41.69	27.91	111.04	-2,220.07	-4,305.71	5,512.85	5,444.79	68.06	81.005		
6,950.00	6,583.76	6,579.93	6,579.66	41.98	28.11	98.03	-2,220.32	-4,305.61	5,516.86	5,448.33	68.53	80.508		
7,000.00	6,631.58	6,627.83	6,627.56	42.23	28.32	83.53	-2,220.57	-4,305.50	5,516.99	5,448.02	68.97	79.990		
7,050.00	6,679.34	6,675.66	6,675.39	42.44	28.52	69.36	-2,220.83	-4,305.39	5,513.25	5,443.86	69.39	79.459		
7,100.00	6,726.76	6,723.14	6,722.87	42.62	28.72	57.11	-2,221.08	-4,305.29	5,505.65	5,435.88	69.76	78.918		
7,150.00	6,773.53	6,769.97	6,769.69	42.78	28.92	47.34	-2,221.33	-4,305.18	5,494.24	5,424.13	70.11	78.370		
7,200.00	6,819.38	6,815.85	6,815.58	42.91	29.12	39.82	-2,221.57	-4,305.08	5,479.08	5,408.66	70.42	77.811		
7,250.00	6,864.01	6,860.52	6,860.25	43.03	29.31	34.07	-2,221.81	-4,304.98	5,460.26	5,389.57	70.69	77.240		
7,300.00	6,907.16	6,903.69	6,903.42	43.14	29.49	29.62	-2,222.04	-4,304.89	5,437.91	5,366.97	70.94	76.656		
7,350.00	6,948.56	6,945.10	6,944.82	43.24	29.67	26.14	-2,222.26	-4,304.79	5,412.14	5,340.98	71.16	76.057		
7,400.00	6,987.94	6,984.48	6,984.21	43.35	29.83	23.35	-2,222.47	-4,304.71	5,383.11	5,311.76	71.35	75.444		
7,450.00	7,025.08	7,021.61	7,021.34	43.46	29.99	21.07	-2,222.66	-4,304.62	5,351.01	5,279.49	71.52	74.816		
7,500.00	7,059.73	7,056.25	7,055.97	43.57	30.14	19.17	-2,222.85	-4,304.54	5,316.02	5,244.35	71.67	74.174		
7,550.00	7,091.70	7,088.18	7,087.90	43.70	30.28	17.53	-2,223.02	-4,304.47	5,278.35	5,206.56	71.80	73.518		
7,600.00	7,120.77	7,117.21	7,116.93	43.84	30.40	16.06	-2,223.17	-4,304.41	5,238.24	5,166.34	71.90	72.850		
7,650.00	7,146.77	7,143.16	7,142.88	44.00	30.51	14.68	-2,223.31	-4,304.35	5,195.92	5,123.93	72.00	72.170		
7,700.00	7,169.54	7,165.87	7,165.59	44.18	30.61	13.28	-2,223.43	-4,304.30	5,151.66	5,079.59	72.07	71.481		
7,750.00	7,188.94	7,185.20	7,184.93	44.38	30.69	11.71	-2,223.53	-4,304.26	5,105.72	5,033.59	72.13	70.784		
7,800.00	7,204.85	7,201.04	7,200.76	44.61	30.76	9.70	-2,223.62	-4,304.22	5,058.39	4,986.21	72.18	70.081		
7,850.00	7,217.17	7,213.27	7,213.00	44.88	30.81	6.57	-2,223.68	-4,304.19	5,009.95	4,937.74	72.22	69.375		
7,900.00	7,225.83	7,221.84	7,221.56	45.17	30.84	0.24	-2,223.73	-4,304.18	4,960.71	4,888.47	72.24	68.668		
7,950.00	7,230.77	7,226.68	7,226.40	45.50	30.86	-20.83	-2,223.75	-4,304.16	4,910.96	4,838.70	72.26	67.963		
7,985.49	7,232.00	7,227.83	7,227.56	45.75	30.87	-81.10	-2,223.76	-4,304.16	4,875.51	4,803.24	72.27	67.464		
8,000.00	7,232.12	7,227.92	7,227.64	45.86	30.87	-81.13	-2,223.76	-4,304.16	4,861.01	4,788.74	72.27	67.261		
8,100.00	7,232.93	7,228.51	7,228.23	46.71	30.87	-81.30	-2,223.76	-4,304.16	4,761.09	4,688.80	72.29	65.862		
8,200.00	7,233.74	7,229.10	7,228.82	47.73	30.88	-81.47	-2,223.77	-4,304.16	4,661.18	4,588.87	72.31	64.461		
8,300.00	7,234.54	7,229.69	7,229.41	48.94	30.88	-81.65	-2,223.77	-4,304.16	4,561.26	4,488.93	72.33	63.059		
8,400.00	7,235.35	7,230.28	7,230.01	50.32	30.88	-81.82	-2,223.77	-4,304.16	4,461.35	4,389.00	72.36	61.657		
8,500.00	7,236.16	7,230.87	7,230.60	51.86	30.88	-82.00	-2,223.77	-4,304.15	4,361.45	4,289.06	72.39	60.253		
8,600.00	7,236.97	7,231.47	7,231.19	53.54	30.89	-82.17	-2,223.78	-4,304.15	4,261.55	4,189.13	72.42	58.849		
8,700.00	7,237.77	7,232.06	7,231.78	55.33	30.89	-82.35	-2,223.78	-4,304.15	4,161.65	4,089.20	72.45	57.443		
8,800.00	7,238.58	7,232.65	7,232.37	57.24	30.89	-82.52	-2,223.78	-4,304.15	4,061.76	3,989.28	72.48	56.037		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,239.39	7,233.24	7,232.96	59.24	30.89	-82.70	-2,223.79	-4,304.15	3,961.88	3,889.35	72.52	54.630		
9,000.00	7,240.20	7,233.83	7,233.55	61.31	30.90	-82.87	-2,223.79	-4,304.15	3,862.00	3,789.43	72.56	53.222		
9,100.00	7,241.01	7,234.42	7,234.14	63.46	30.90	-83.05	-2,223.79	-4,304.15	3,762.12	3,689.51	72.61	51.813		
9,200.00	7,241.81	7,235.01	7,234.73	65.67	30.90	-83.22	-2,223.80	-4,304.15	3,662.26	3,589.60	72.66	50.403		
9,300.00	7,242.62	7,235.60	7,235.32	67.93	30.90	-83.40	-2,223.80	-4,304.14	3,562.40	3,489.68	72.71	48.992		
9,400.00	7,243.43	7,236.19	7,235.91	70.25	30.91	-83.57	-2,223.80	-4,304.14	3,462.55	3,389.77	72.77	47.581		
9,500.00	7,244.24	7,236.78	7,236.50	72.60	30.91	-83.75	-2,223.81	-4,304.14	3,362.70	3,289.87	72.83	46.169		
9,600.00	7,245.04	7,237.37	7,237.10	74.99	30.91	-83.92	-2,223.81	-4,304.14	3,262.87	3,189.97	72.90	44.756		
9,700.00	7,245.85	7,237.96	7,237.69	77.42	30.91	-84.10	-2,223.81	-4,304.14	3,163.05	3,090.07	72.98	43.342		
9,800.00	7,246.66	7,238.56	7,238.28	79.87	30.92	-84.28	-2,223.82	-4,304.14	3,063.24	2,990.18	73.06	41.927		
9,900.00	7,247.47	7,239.15	7,238.87	82.36	30.92	-84.45	-2,223.82	-4,304.14	2,963.44	2,890.29	73.15	40.512		
10,000.00	7,248.28	7,239.74	7,239.46	84.87	30.92	-84.63	-2,223.82	-4,304.14	2,863.66	2,790.41	73.25	39.096		
10,100.00	7,249.08	7,240.33	7,240.05	87.40	30.92	-84.81	-2,223.82	-4,304.13	2,763.89	2,690.53	73.36	37.678		
10,200.00	7,249.89	7,240.92	7,240.64	89.95	30.93	-84.98	-2,223.83	-4,304.13	2,664.14	2,590.66	73.47	36.260		
10,300.00	7,250.70	7,241.51	7,241.23	92.52	30.93	-85.16	-2,223.83	-4,304.13	2,564.40	2,490.80	73.60	34.840		
10,400.00	7,251.51	7,242.10	7,241.82	95.11	30.93	-85.34	-2,223.83	-4,304.13	2,464.69	2,390.94	73.75	33.420		
10,500.00	7,252.31	7,242.69	7,242.41	97.71	30.93	-85.51	-2,223.84	-4,304.13	2,365.01	2,291.09	73.91	31.998		
10,600.00	7,253.12	7,243.28	7,243.00	100.33	30.94	-85.69	-2,223.84	-4,304.13	2,265.35	2,191.25	74.09	30.575		
10,700.00	7,253.93	7,243.87	7,243.59	102.96	30.94	-85.87	-2,223.84	-4,304.13	2,165.72	2,091.42	74.30	29.150		
10,800.00	7,254.74	7,244.46	7,244.19	105.61	30.94	-86.04	-2,223.85	-4,304.12	2,066.13	1,991.60	74.53	27.723		
10,900.00	7,255.55	7,245.05	7,244.78	108.26	30.94	-86.22	-2,223.85	-4,304.12	1,966.58	1,891.79	74.79	26.295		
11,000.00	7,256.35	7,245.65	7,245.37	110.92	30.95	-86.40	-2,223.85	-4,304.12	1,867.07	1,791.98	75.09	24.865		
11,100.00	7,257.16	7,246.24	7,245.96	113.60	30.95	-86.57	-2,223.86	-4,304.12	1,767.62	1,692.19	75.44	23.432		
11,200.00	7,257.97	7,246.83	7,246.55	116.28	30.95	-86.75	-2,223.86	-4,304.12	1,668.24	1,592.40	75.84	21.997		
11,300.00	7,258.78	7,247.42	7,247.14	118.97	30.95	-86.93	-2,223.86	-4,304.12	1,568.94	1,492.63	76.31	20.559		
11,400.00	7,259.58	7,248.01	7,247.73	121.67	30.96	-87.11	-2,223.87	-4,304.12	1,469.73	1,392.86	76.88	19.118		
11,500.00	7,260.39	7,248.60	7,248.32	124.38	30.96	-87.28	-2,223.87	-4,304.12	1,370.64	1,293.09	77.55	17.674		
11,600.00	7,261.20	7,249.19	7,248.91	127.09	30.96	-87.46	-2,223.87	-4,304.11	1,271.69	1,193.31	78.37	16.226		
11,700.00	7,262.01	7,249.78	7,249.50	129.81	30.96	-87.64	-2,223.87	-4,304.11	1,172.91	1,093.53	79.38	14.776		
11,800.00	7,262.82	7,250.37	7,250.09	132.53	30.97	-87.82	-2,223.88	-4,304.11	1,074.36	993.72	80.64	13.322		
11,900.00	7,263.62	7,250.96	7,250.68	135.26	30.97	-87.99	-2,223.88	-4,304.11	976.11	893.86	82.25	11.868		
12,000.00	7,264.43	7,251.55	7,251.28	138.00	30.97	-88.17	-2,223.88	-4,304.11	878.25	793.92	84.33	10.414		
12,100.00	7,265.24	7,252.14	7,251.87	140.74	30.97	-88.35	-2,223.89	-4,304.11	780.93	693.84	87.09	8.967		
12,200.00	7,266.05	7,252.74	7,252.46	143.49	30.98	-88.53	-2,223.89	-4,304.11	684.39	593.54	90.85	7.533		
12,300.00	7,266.86	7,253.33	7,253.05	146.24	30.98	-88.70	-2,223.89	-4,304.10	589.00	492.89	96.11	6.128		
12,400.00	7,267.66	7,253.92	7,253.64	148.99	30.98	-88.88	-2,223.90	-4,304.10	495.43	391.72	103.71	4.777		
12,500.00	7,268.47	7,254.51	7,254.23	151.75	30.98	-89.06	-2,223.90	-4,304.10	404.95	289.87	115.08	3.519		
12,600.00	7,269.28	7,255.10	7,254.82	154.51	30.99	-89.24	-2,223.90	-4,304.10	320.17	187.72	132.45	2.417		
12,700.00	7,270.09	7,255.69	7,255.41	157.27	30.99	-89.41	-2,223.91	-4,304.10	247.06	88.99	158.07	1.563		
12,800.00	7,270.89	7,256.28	7,256.00	160.04	30.99	-89.59	-2,223.91	-4,304.10	198.91	12.88	186.04	1.069 Level 2		
12,857.36	7,271.36	7,256.62	7,256.34	161.63	30.99	-89.69	-2,223.91	-4,304.10	190.46	-2.11	192.57	0.989 Level 1, CC, ES, SF		
12,900.00	7,271.70	7,256.87	7,256.59	162.81	30.99	-89.77	-2,223.91	-4,304.10	195.18	6.13	189.05	1.032 Level 2		
13,000.00	7,272.51	7,257.46	7,257.18	165.58	31.00	-89.95	-2,223.92	-4,304.10	237.95	74.90	163.05	1.459 Level 3		
13,100.00	7,273.32	7,258.05	7,257.77	168.36	31.00	-90.13	-2,223.92	-4,304.09	308.46	171.97	136.49	2.260		
13,200.00	7,274.13	7,258.64	7,258.37	171.14	31.00	-90.30	-2,223.92	-4,304.09	392.01	273.90	118.11	3.319		
13,300.00	7,274.93	7,259.24	7,258.96	173.92	31.00	-90.48	-2,223.93	-4,304.09	481.87	375.78	106.09	4.542		
13,400.00	7,275.74	7,259.83	7,259.55	176.71	31.01	-90.66	-2,223.93	-4,304.09	575.08	476.98	98.10	5.862		
13,500.00	7,276.55	7,260.42	7,260.14	179.49	31.01	-90.84	-2,223.93	-4,304.09	670.26	577.65	92.61	7.238		
13,555.88	7,277.00	7,260.75	7,260.47	181.05	31.01	-90.94	-2,223.93	-4,304.09	724.01	633.73	90.28	8.020		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,800.00	7,246.66	11,976.00	7,279.28	79.87	107.53	87.34	-1,223.65	-11,168.59	9,949.46	9,805.12	144.34	68.931		
9,900.00	7,247.47	11,976.00	7,279.28	82.36	107.53	87.34	-1,223.65	-11,168.59	9,849.86	9,705.52	144.35	68.236		
10,000.00	7,248.28	11,976.00	7,279.28	84.87	107.53	87.34	-1,223.65	-11,168.59	9,750.28	9,605.92	144.36	67.540		
10,100.00	7,249.08	11,976.00	7,279.28	87.40	107.53	87.34	-1,223.65	-11,168.59	9,650.70	9,506.33	144.38	66.843		
10,200.00	7,249.89	11,976.00	7,279.28	89.95	107.53	87.34	-1,223.65	-11,168.59	9,551.14	9,406.74	144.40	66.144		
10,300.00	7,250.70	11,976.00	7,279.28	92.52	107.53	87.34	-1,223.65	-11,168.59	9,451.58	9,307.16	144.42	65.444		
10,400.00	7,251.51	11,976.00	7,279.28	95.11	107.53	87.34	-1,223.65	-11,168.59	9,352.03	9,207.58	144.45	64.742		
10,500.00	7,252.31	11,976.00	7,279.28	97.71	107.53	87.34	-1,223.65	-11,168.59	9,252.49	9,108.01	144.48	64.039		
10,600.00	7,253.12	11,976.00	7,279.28	100.33	107.53	87.34	-1,223.65	-11,168.59	9,152.96	9,008.45	144.52	63.334		
10,700.00	7,253.93	11,976.00	7,279.28	102.96	107.53	87.34	-1,223.65	-11,168.59	9,053.45	8,908.89	144.56	62.628		
10,800.00	7,254.74	11,976.00	7,279.28	105.61	107.53	87.34	-1,223.65	-11,168.59	8,953.94	8,809.33	144.60	61.920		
10,900.00	7,255.55	11,976.00	7,279.28	108.26	107.53	87.34	-1,223.65	-11,168.59	8,854.44	8,709.79	144.65	61.211		
11,000.00	7,256.35	11,976.00	7,279.28	110.92	107.53	87.34	-1,223.65	-11,168.59	8,754.96	8,610.25	144.71	60.500		
11,100.00	7,257.16	11,976.00	7,279.28	113.60	107.53	87.34	-1,223.65	-11,168.59	8,655.48	8,510.71	144.77	59.788		
11,200.00	7,257.97	11,976.00	7,279.28	116.28	107.53	87.34	-1,223.65	-11,168.59	8,556.02	8,411.19	144.84	59.074		
11,300.00	7,258.78	11,976.00	7,279.28	118.97	107.53	87.34	-1,223.65	-11,168.59	8,456.57	8,311.67	144.91	58.358		
11,400.00	7,259.58	11,976.00	7,279.28	121.67	107.53	87.34	-1,223.65	-11,168.59	8,357.14	8,212.15	144.99	57.640		
11,500.00	7,260.39	11,976.00	7,279.28	124.38	107.53	87.34	-1,223.65	-11,168.59	8,257.72	8,112.65	145.07	56.921		
11,600.00	7,261.20	11,976.00	7,279.28	127.09	107.53	87.34	-1,223.65	-11,168.59	8,158.31	8,013.15	145.16	56.201		
11,700.00	7,262.01	11,976.00	7,279.28	129.81	107.53	87.34	-1,223.65	-11,168.59	8,058.92	7,913.66	145.26	55.478		
11,800.00	7,262.82	11,976.00	7,279.28	132.53	107.53	87.34	-1,223.65	-11,168.59	7,959.54	7,814.17	145.37	54.754		
11,900.00	7,263.62	11,976.00	7,279.28	135.26	107.53	87.34	-1,223.65	-11,168.59	7,860.18	7,714.70	145.48	54.028		
12,000.00	7,264.43	11,976.00	7,279.28	138.00	107.53	87.34	-1,223.65	-11,168.59	7,760.84	7,615.23	145.61	53.300		
12,100.00	7,265.24	11,976.00	7,279.28	140.74	107.53	87.34	-1,223.65	-11,168.59	7,661.51	7,515.77	145.74	52.570		
12,200.00	7,266.05	11,976.00	7,279.28	143.49	107.53	87.34	-1,223.65	-11,168.59	7,562.20	7,416.32	145.88	51.839		
12,300.00	7,266.86	11,976.00	7,279.28	146.24	107.53	87.34	-1,223.65	-11,168.59	7,462.91	7,316.88	146.03	51.105		
12,400.00	7,267.66	11,976.00	7,279.28	148.99	107.53	87.34	-1,223.65	-11,168.59	7,363.63	7,217.44	146.19	50.370		
12,500.00	7,268.47	11,976.00	7,279.28	151.75	107.53	87.34	-1,223.65	-11,168.59	7,264.38	7,118.02	146.36	49.633		
12,600.00	7,269.28	11,976.00	7,279.28	154.51	107.53	87.34	-1,223.65	-11,168.59	7,165.15	7,018.60	146.55	48.894		
12,700.00	7,270.09	11,976.00	7,279.28	157.27	107.53	87.34	-1,223.65	-11,168.59	7,065.94	6,919.20	146.74	48.153		
12,800.00	7,270.89	11,976.00	7,279.28	160.04	107.53	87.34	-1,223.65	-11,168.59	6,966.75	6,819.80	146.95	47.410		
12,900.00	7,271.70	11,976.00	7,279.28	162.81	107.53	87.34	-1,223.65	-11,168.59	6,867.59	6,720.42	147.17	46.665		
13,000.00	7,272.51	11,976.00	7,279.28	165.58	107.53	87.34	-1,223.65	-11,168.59	6,768.45	6,621.04	147.40	45.918		
13,100.00	7,273.32	11,976.00	7,279.28	168.36	107.53	87.34	-1,223.65	-11,168.59	6,669.33	6,521.68	147.65	45.169		
13,200.00	7,274.13	11,976.00	7,279.28	171.14	107.53	87.34	-1,223.65	-11,168.59	6,570.25	6,422.33	147.92	44.418		
13,300.00	7,274.93	11,976.00	7,279.28	173.92	107.53	87.34	-1,223.65	-11,168.59	6,471.19	6,322.99	148.20	43.665		
13,400.00	7,275.74	11,976.00	7,279.28	176.71	107.53	87.34	-1,223.65	-11,168.59	6,372.16	6,223.66	148.50	42.910		
13,500.00	7,276.55	11,976.00	7,279.28	179.49	107.53	87.34	-1,223.65	-11,168.59	6,273.16	6,124.34	148.82	42.153		
13,555.88	7,277.00	11,976.00	7,279.28	181.05	107.53	87.34	-1,223.65	-11,168.59	6,217.85	6,068.84	149.00	41.729 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,500.00	7,244.24	11,988.00	7,170.83	72.60	108.39	80.92	-1,189.42	-10,863.43	9,946.87	9,803.95	142.92	69.597		
9,600.00	7,245.04	11,988.00	7,170.83	74.99	108.39	80.92	-1,189.42	-10,863.43	9,847.32	9,704.40	142.91	68.904		
9,700.00	7,245.85	11,988.00	7,170.83	77.42	108.39	80.92	-1,189.42	-10,863.43	9,747.77	9,604.86	142.91	68.210		
9,800.00	7,246.66	11,988.00	7,170.83	79.87	108.39	80.92	-1,189.42	-10,863.43	9,648.24	9,505.33	142.91	67.515		
9,900.00	7,247.47	11,988.00	7,170.83	82.36	108.39	80.92	-1,189.42	-10,863.43	9,548.71	9,405.80	142.91	66.818		
10,000.00	7,248.28	11,988.00	7,170.83	84.87	108.39	80.92	-1,189.42	-10,863.43	9,449.20	9,306.28	142.91	66.119		
10,100.00	7,249.08	11,988.00	7,170.83	87.40	108.39	80.92	-1,189.42	-10,863.43	9,349.69	9,206.77	142.92	65.419		
10,200.00	7,249.89	11,988.00	7,170.83	89.95	108.39	80.92	-1,189.42	-10,863.43	9,250.20	9,107.26	142.93	64.718		
10,300.00	7,250.70	11,988.00	7,170.83	92.52	108.39	80.92	-1,189.42	-10,863.43	9,150.71	9,007.76	142.95	64.014		
10,400.00	7,251.51	11,988.00	7,170.83	95.11	108.39	80.92	-1,189.42	-10,863.43	9,051.24	8,908.27	142.97	63.309		
10,500.00	7,252.31	11,988.00	7,170.83	97.71	108.39	80.92	-1,189.42	-10,863.43	8,951.78	8,808.79	142.99	62.603		
10,600.00	7,253.12	11,988.00	7,170.83	100.33	108.39	80.92	-1,189.42	-10,863.43	8,852.33	8,709.31	143.02	61.895		
10,700.00	7,253.93	11,988.00	7,170.83	102.96	108.39	80.92	-1,189.42	-10,863.43	8,752.90	8,609.84	143.06	61.185		
10,800.00	7,254.74	11,988.00	7,170.83	105.61	108.39	80.92	-1,189.42	-10,863.43	8,653.47	8,510.38	143.10	60.473		
10,900.00	7,255.55	11,988.00	7,170.83	108.26	108.39	80.92	-1,189.42	-10,863.43	8,554.06	8,410.92	143.14	59.760		
11,000.00	7,256.35	11,988.00	7,170.83	110.92	108.39	80.92	-1,189.42	-10,863.43	8,454.67	8,311.48	143.19	59.045		
11,100.00	7,257.16	11,988.00	7,170.83	113.60	108.39	80.92	-1,189.42	-10,863.43	8,355.29	8,212.04	143.25	58.328		
11,200.00	7,257.97	11,988.00	7,170.83	116.28	108.39	80.92	-1,189.42	-10,863.43	8,255.92	8,112.61	143.31	57.609		
11,300.00	7,258.78	11,988.00	7,170.83	118.97	108.39	80.92	-1,189.42	-10,863.43	8,156.57	8,013.19	143.38	56.888		
11,400.00	7,259.58	11,988.00	7,170.83	121.67	108.39	80.92	-1,189.42	-10,863.43	8,057.24	7,913.78	143.46	56.165		
11,500.00	7,260.39	11,988.00	7,170.83	124.38	108.39	80.92	-1,189.42	-10,863.43	7,957.92	7,814.38	143.54	55.441		
11,600.00	7,261.20	11,988.00	7,170.83	127.09	108.39	80.92	-1,189.42	-10,863.43	7,858.62	7,714.99	143.63	54.714		
11,700.00	7,262.01	11,988.00	7,170.83	129.81	108.39	80.92	-1,189.42	-10,863.43	7,759.34	7,615.61	143.73	53.986		
11,800.00	7,262.82	11,988.00	7,170.83	132.53	108.39	80.92	-1,189.42	-10,863.43	7,660.07	7,516.24	143.84	53.255		
11,900.00	7,263.62	11,988.00	7,170.83	135.26	108.39	80.92	-1,189.42	-10,863.43	7,560.83	7,416.88	143.95	52.523		
12,000.00	7,264.43	11,988.00	7,170.83	138.00	108.39	80.92	-1,189.42	-10,863.43	7,461.60	7,317.53	144.08	51.788		
12,100.00	7,265.24	11,988.00	7,170.83	140.74	108.39	80.92	-1,189.42	-10,863.43	7,362.40	7,218.19	144.21	51.052		
12,200.00	7,266.05	11,988.00	7,170.83	143.49	108.39	80.92	-1,189.42	-10,863.43	7,263.22	7,118.86	144.36	50.313		
12,300.00	7,266.86	11,988.00	7,170.83	146.24	108.39	80.92	-1,189.42	-10,863.43	7,164.06	7,019.54	144.52	49.572		
12,400.00	7,267.66	11,988.00	7,170.83	148.99	108.39	80.92	-1,189.42	-10,863.43	7,064.93	6,920.24	144.69	48.829		
12,500.00	7,268.47	11,988.00	7,170.83	151.75	108.39	80.92	-1,189.42	-10,863.43	6,965.82	6,820.95	144.87	48.084		
12,600.00	7,269.28	11,988.00	7,170.83	154.51	108.39	80.92	-1,189.42	-10,863.43	6,866.73	6,721.67	145.06	47.336		
12,700.00	7,270.09	11,988.00	7,170.83	157.27	108.39	80.92	-1,189.42	-10,863.43	6,767.67	6,622.40	145.27	46.586		
12,800.00	7,270.89	11,988.00	7,170.83	160.04	108.39	80.92	-1,189.42	-10,863.43	6,668.65	6,523.15	145.49	45.834		
12,900.00	7,271.70	11,988.00	7,170.83	162.81	108.39	80.92	-1,189.42	-10,863.43	6,569.65	6,423.91	145.73	45.080		
13,000.00	7,272.51	11,988.00	7,170.83	165.58	108.39	80.92	-1,189.42	-10,863.43	6,470.68	6,324.69	145.99	44.324		
13,100.00	7,273.32	11,988.00	7,170.83	168.36	108.39	80.92	-1,189.42	-10,863.43	6,371.74	6,225.48	146.26	43.565		
13,200.00	7,274.13	11,988.00	7,170.83	171.14	108.39	80.92	-1,189.42	-10,863.43	6,272.84	6,126.29	146.55	42.804		
13,300.00	7,274.93	11,988.00	7,170.83	173.92	108.39	80.92	-1,189.42	-10,863.43	6,173.97	6,027.11	146.86	42.041		
13,400.00	7,275.74	11,988.00	7,170.83	176.71	108.39	80.92	-1,189.42	-10,863.43	6,075.14	5,927.95	147.19	41.275		
13,500.00	7,276.55	11,988.00	7,170.83	179.49	108.39	80.92	-1,189.42	-10,863.43	5,976.35	5,828.81	147.54	40.508		
13,555.88	7,277.00	11,988.00	7,170.83	181.05	108.39	80.92	-1,189.42	-10,863.43	5,921.15	5,773.41	147.74	40.078 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,800.00	7,246.66	11,790.00	7,095.39	79.87	106.81	76.27	-1,194.02	-11,131.12	9,915.45	9,772.43	143.02	69.331		
9,900.00	7,247.47	11,790.00	7,095.39	82.36	106.81	76.27	-1,194.02	-11,131.12	9,815.91	9,672.89	143.02	68.634		
10,000.00	7,248.28	11,790.00	7,095.39	84.87	106.81	76.27	-1,194.02	-11,131.12	9,716.38	9,573.36	143.02	67.935		
10,100.00	7,249.08	11,790.00	7,095.39	87.40	106.81	76.27	-1,194.02	-11,131.12	9,616.86	9,473.83	143.03	67.235		
10,200.00	7,249.89	11,790.00	7,095.39	89.95	106.81	76.27	-1,194.02	-11,131.12	9,517.35	9,374.31	143.05	66.533		
10,300.00	7,250.70	11,790.00	7,095.39	92.52	106.81	76.27	-1,194.02	-11,131.12	9,417.86	9,274.79	143.06	65.829		
10,400.00	7,251.51	11,790.00	7,095.39	95.11	106.81	76.27	-1,194.02	-11,131.12	9,318.37	9,175.28	143.09	65.124		
10,500.00	7,252.31	11,790.00	7,095.39	97.71	106.81	76.27	-1,194.02	-11,131.12	9,218.89	9,075.78	143.11	64.418		
10,600.00	7,253.12	11,790.00	7,095.39	100.33	106.81	76.27	-1,194.02	-11,131.12	9,119.43	8,976.29	143.14	63.709		
10,700.00	7,253.93	11,790.00	7,095.39	102.96	106.81	76.27	-1,194.02	-11,131.12	9,019.98	8,876.80	143.18	62.999		
10,800.00	7,254.74	11,790.00	7,095.39	105.61	106.81	76.27	-1,194.02	-11,131.12	8,920.54	8,777.32	143.21	62.288		
10,900.00	7,255.55	11,790.00	7,095.39	108.26	106.81	76.27	-1,194.02	-11,131.12	8,821.11	8,677.85	143.26	61.574		
11,000.00	7,256.35	11,790.00	7,095.39	110.92	106.81	76.27	-1,194.02	-11,131.12	8,721.70	8,578.39	143.31	60.859		
11,100.00	7,257.16	11,790.00	7,095.39	113.60	106.81	76.27	-1,194.02	-11,131.12	8,622.29	8,478.93	143.36	60.143		
11,200.00	7,257.97	11,790.00	7,095.39	116.28	106.81	76.27	-1,194.02	-11,131.12	8,522.91	8,379.48	143.43	59.424		
11,300.00	7,258.78	11,790.00	7,095.39	118.97	106.81	76.27	-1,194.02	-11,131.12	8,423.53	8,280.04	143.49	58.704		
11,400.00	7,259.58	11,790.00	7,095.39	121.67	106.81	76.27	-1,194.02	-11,131.12	8,324.18	8,180.61	143.57	57.981		
11,500.00	7,260.39	11,790.00	7,095.39	124.38	106.81	76.27	-1,194.02	-11,131.12	8,224.84	8,081.19	143.65	57.257		
11,600.00	7,261.20	11,790.00	7,095.39	127.09	106.81	76.27	-1,194.02	-11,131.12	8,125.51	7,981.78	143.73	56.531		
11,700.00	7,262.01	11,790.00	7,095.39	129.81	106.81	76.27	-1,194.02	-11,131.12	8,026.20	7,882.37	143.83	55.803		
11,800.00	7,262.82	11,790.00	7,095.39	132.53	106.81	76.27	-1,194.02	-11,131.12	7,926.91	7,782.98	143.93	55.074		
11,900.00	7,263.62	11,790.00	7,095.39	135.26	106.81	76.27	-1,194.02	-11,131.12	7,827.64	7,683.59	144.04	54.342		
12,000.00	7,264.43	11,790.00	7,095.39	138.00	106.81	76.27	-1,194.02	-11,131.12	7,728.38	7,584.22	144.16	53.608		
12,100.00	7,265.24	11,790.00	7,095.39	140.74	106.81	76.27	-1,194.02	-11,131.12	7,629.15	7,484.85	144.29	52.872		
12,200.00	7,266.05	11,790.00	7,095.39	143.49	106.81	76.27	-1,194.02	-11,131.12	7,529.93	7,385.50	144.43	52.134		
12,300.00	7,266.86	11,790.00	7,095.39	146.24	106.81	76.27	-1,194.02	-11,131.12	7,430.74	7,286.15	144.58	51.395		
12,400.00	7,267.66	11,790.00	7,095.39	148.99	106.81	76.27	-1,194.02	-11,131.12	7,331.56	7,186.82	144.74	50.653		
12,500.00	7,268.47	11,790.00	7,095.39	151.75	106.81	76.27	-1,194.02	-11,131.12	7,232.42	7,087.50	144.91	49.909		
12,600.00	7,269.28	11,790.00	7,095.39	154.51	106.81	76.27	-1,194.02	-11,131.12	7,133.29	6,988.19	145.10	49.162		
12,700.00	7,270.09	11,790.00	7,095.39	157.27	106.81	76.27	-1,194.02	-11,131.12	7,034.19	6,888.90	145.29	48.414		
12,800.00	7,270.89	11,790.00	7,095.39	160.04	106.81	76.27	-1,194.02	-11,131.12	6,935.11	6,789.61	145.50	47.663		
12,900.00	7,271.70	11,790.00	7,095.39	162.81	106.81	76.27	-1,194.02	-11,131.12	6,836.07	6,690.34	145.72	46.911		
13,000.00	7,272.51	11,790.00	7,095.39	165.58	106.81	76.27	-1,194.02	-11,131.12	6,737.05	6,591.08	145.96	46.156		
13,100.00	7,273.32	11,790.00	7,095.39	168.36	106.81	76.27	-1,194.02	-11,131.12	6,638.06	6,491.84	146.22	45.399		
13,200.00	7,274.13	11,790.00	7,095.39	171.14	106.81	76.27	-1,194.02	-11,131.12	6,539.10	6,392.61	146.49	44.640		
13,300.00	7,274.93	11,790.00	7,095.39	173.92	106.81	76.27	-1,194.02	-11,131.12	6,440.17	6,293.39	146.77	43.878		
13,400.00	7,275.74	11,790.00	7,095.39	176.71	106.81	76.27	-1,194.02	-11,131.12	6,341.27	6,194.19	147.08	43.114		
13,500.00	7,276.55	11,790.00	7,095.39	179.49	106.81	76.27	-1,194.02	-11,131.12	6,242.42	6,095.01	147.41	42.349		
13,555.88	7,277.00	11,790.00	7,095.39	181.05	106.81	76.27	-1,194.02	-11,131.12	6,187.18	6,039.59	147.60	41.920 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-142.23	-2,357.72	-1,827.01	2,982.83					
100.00	100.00	79.00	79.00	3.28	3.56	-142.23	-2,357.72	-1,827.01	2,982.75	2,975.91	6.84	435.897		
200.00	200.00	179.00	179.00	3.34	5.57	-142.23	-2,357.72	-1,827.01	2,982.75	2,973.85	8.91	334.829		
300.00	299.98	278.98	278.98	3.44	8.64	71.87	-2,357.72	-1,827.01	2,982.21	2,970.13	12.08	246.862		
400.00	399.84	378.84	378.84	3.59	11.94	72.00	-2,357.72	-1,827.01	2,980.58	2,965.05	15.53	191.928		
500.00	499.45	478.45	478.45	3.79	15.31	72.21	-2,357.72	-1,827.01	2,977.90	2,958.79	19.10	155.892		
600.00	598.70	577.70	577.70	4.04	18.71	72.50	-2,357.72	-1,827.01	2,974.18	2,951.43	22.74	130.762		
700.00	697.47	676.47	676.47	4.32	22.11	72.87	-2,357.72	-1,827.01	2,969.47	2,943.04	26.43	112.343		
800.00	795.62	774.62	774.62	4.64	25.51	73.33	-2,357.72	-1,827.01	2,963.83	2,933.68	30.15	98.305		
900.00	893.06	872.06	872.06	5.01	28.88	73.86	-2,357.72	-1,827.01	2,957.32	2,923.43	33.89	87.272		
1,000.00	989.64	968.64	968.64	5.41	32.24	74.47	-2,357.72	-1,827.01	2,950.03	2,912.39	37.64	78.382		
1,100.00	1,085.27	1,064.27	1,064.27	5.85	35.56	75.15	-2,357.72	-1,827.01	2,942.04	2,900.65	41.39	71.073		
1,200.00	1,179.82	1,158.82	1,158.82	6.33	38.85	75.90	-2,357.72	-1,827.01	2,933.47	2,888.31	45.16	64.962		
1,300.00	1,273.78	1,252.78	1,252.78	6.85	42.12	76.51	-2,357.72	-1,827.01	2,924.82	2,875.89	48.93	59.772		
1,400.00	1,367.75	1,346.75	1,346.75	7.38	45.39	77.13	-2,357.72	-1,827.01	2,916.55	2,863.82	52.73	55.310		
1,500.00	1,461.72	1,440.72	1,440.72	7.93	48.66	77.75	-2,357.72	-1,827.01	2,908.66	2,852.11	56.55	51.437		
1,600.00	1,555.69	1,534.69	1,534.69	8.49	51.93	78.37	-2,357.72	-1,827.01	2,901.15	2,840.77	60.38	48.049		
1,700.00	1,649.66	1,628.66	1,628.66	9.07	55.21	79.00	-2,357.72	-1,827.01	2,894.03	2,829.80	64.22	45.062		
1,800.00	1,743.63	1,722.63	1,722.63	9.65	58.48	79.62	-2,357.72	-1,827.01	2,887.29	2,819.21	68.08	42.412		
1,900.00	1,837.60	1,816.60	1,816.60	10.24	61.76	80.25	-2,357.72	-1,827.01	2,880.94	2,809.00	71.94	40.046		
2,000.00	1,931.57	1,910.57	1,910.57	10.83	65.04	80.88	-2,357.72	-1,827.01	2,874.99	2,799.18	75.81	37.923		
2,100.00	2,025.54	2,004.54	2,004.54	11.43	68.31	81.52	-2,357.72	-1,827.01	2,869.43	2,789.74	79.69	36.008		
2,200.00	2,119.51	2,101.49	2,101.49	12.03	71.69	82.16	-2,357.72	-1,827.01	2,864.27	2,780.59	83.68	34.231		
2,300.00	2,213.48	2,207.52	2,207.52	12.64	75.39	82.79	-2,357.72	-1,827.01	2,859.51	2,771.53	87.98	32.501		
2,400.00	2,307.45	2,286.45	2,286.45	13.25	78.14	83.43	-2,357.72	-1,827.01	2,855.15	2,763.80	91.35	31.255		
2,500.00	2,401.42	2,380.42	2,380.42	13.87	81.42	84.08	-2,357.72	-1,827.01	2,851.19	2,755.95	95.24	29.936		
2,600.00	2,495.39	2,474.39	2,474.39	14.48	84.70	84.72	-2,357.72	-1,827.01	2,847.64	2,748.50	99.14	28.723		
2,700.00	2,589.35	2,568.35	2,568.35	15.10	87.98	85.37	-2,357.72	-1,827.01	2,844.50	2,741.46	103.04	27.605		
2,800.00	2,683.32	2,662.32	2,662.32	15.72	91.26	86.01	-2,357.72	-1,827.01	2,841.76	2,734.82	106.95	26.572		
2,900.00	2,777.29	2,756.29	2,756.29	16.34	94.53	86.66	-2,357.72	-1,827.01	2,839.44	2,728.59	110.85	25.615		
3,000.00	2,871.26	2,850.26	2,850.26	16.97	97.81	87.31	-2,357.72	-1,827.01	2,837.52	2,722.77	114.76	24.726		
3,100.00	2,965.23	2,944.23	2,944.23	17.59	101.09	87.96	-2,357.72	-1,827.01	2,836.02	2,717.35	118.66	23.900		
3,200.00	3,059.20	3,038.20	3,038.20	18.22	104.37	88.60	-2,357.72	-1,827.01	2,834.93	2,712.35	122.57	23.129		
3,300.00	3,153.17	3,132.17	3,132.17	18.84	107.65	89.25	-2,357.72	-1,827.01	2,834.25	2,707.76	126.48	22.408		
3,400.00	3,247.14	3,226.14	3,226.14	19.47	110.93	89.90	-2,357.72	-1,827.01	2,833.98	2,703.59	130.39	21.734		
3,414.80	3,261.04	3,240.04	3,240.04	19.56	111.41	90.00	-2,357.72	-1,827.01	2,833.97	2,703.00	130.97	21.638		
3,500.00	3,341.11	3,320.11	3,320.11	20.10	114.21	90.55	-2,357.72	-1,827.01	2,834.12	2,699.82	134.30	21.103		
3,600.00	3,435.08	3,414.08	3,414.08	20.73	117.49	91.20	-2,357.72	-1,827.01	2,834.68	2,696.47	138.21	20.510		
3,700.00	3,529.05	3,508.05	3,508.05	21.36	120.77	91.85	-2,357.72	-1,827.01	2,835.65	2,693.53	142.12	19.952		
3,800.00	3,623.02	3,602.02	3,602.02	21.99	124.04	92.50	-2,357.72	-1,827.01	2,837.04	2,691.00	146.03	19.427		
3,900.00	3,716.99	3,704.01	3,695.99	22.62	127.60	93.15	-2,357.72	-1,827.01	2,838.83	2,688.61	150.22	18.898		
4,000.00	3,810.95	3,789.95	3,789.95	23.25	130.60	93.80	-2,357.72	-1,827.01	2,841.03	2,687.18	153.85	18.466		
4,100.00	3,904.92	3,883.92	3,883.92	23.88	133.88	94.44	-2,357.72	-1,827.01	2,843.65	2,685.89	157.76	18.025		
4,200.00	3,998.89	3,977.89	3,977.89	24.52	137.16	95.09	-2,357.72	-1,827.01	2,846.67	2,685.00	161.67	17.608		
4,300.00	4,092.86	4,071.86	4,071.86	25.15	140.44	95.73	-2,357.72	-1,827.01	2,850.10	2,684.53	165.57	17.214		
4,400.00	4,186.83	4,165.83	4,165.83	25.78	143.72	96.38	-2,357.72	-1,827.01	2,853.94	2,684.46	169.48	16.840		
4,500.00	4,280.80	4,259.80	4,259.80	26.42	147.00	97.02	-2,357.72	-1,827.01	2,858.18	2,684.79	173.38	16.485		
4,600.00	4,374.77	4,353.77	4,353.77	27.05	150.28	97.66	-2,357.72	-1,827.01	2,862.82	2,685.53	177.28	16.148		
4,700.00	4,468.74	4,447.74	4,447.74	27.68	153.56	98.29	-2,357.72	-1,827.01	2,867.86	2,686.68	181.19	15.828		
4,800.00	4,562.71	4,541.71	4,541.71	28.32	156.84	98.93	-2,357.72	-1,827.01	2,873.30	2,688.22	185.09	15.524		
4,900.00	4,656.68	4,635.68	4,635.68	28.95	160.12	99.56	-2,357.72	-1,827.01	2,879.14	2,690.16	188.98	15.235		
5,000.00	4,750.65	4,729.65	4,729.65	29.59	163.40	100.19	-2,357.72	-1,827.01	2,885.37	2,692.49	192.88	14.959		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,844.62	4,823.62	4,823.62	30.23	166.68	100.82	-2,357.72	-1,827.01	2,891.99	2,695.22	196.77	14.697		
5,200.00	4,938.59	4,917.59	4,917.59	30.86	169.96	101.45	-2,357.72	-1,827.01	2,899.00	2,698.34	200.67	14.447		
5,300.00	5,032.56	5,011.56	5,011.56	31.50	173.24	102.07	-2,357.72	-1,827.01	2,906.40	2,701.84	204.56	14.208		
5,400.00	5,126.52	5,105.52	5,105.52	32.13	176.52	102.69	-2,357.72	-1,827.01	2,914.18	2,705.73	208.45	13.980		
5,500.00	5,220.49	5,200.51	5,199.49	32.77	179.83	103.30	-2,357.72	-1,827.01	2,922.33	2,709.97	212.37	13.761		
5,600.00	5,314.46	5,306.54	5,293.46	33.41	183.54	103.92	-2,357.72	-1,827.01	2,930.87	2,714.20	216.67	13.527		
5,700.00	5,408.43	5,387.43	5,387.43	34.04	186.36	104.53	-2,357.72	-1,827.01	2,939.78	2,719.68	220.10	13.357		
5,800.00	5,502.40	5,481.40	5,481.40	34.68	189.64	105.14	-2,357.72	-1,827.01	2,949.05	2,725.08	223.98	13.167		
5,900.00	5,596.37	5,575.37	5,575.37	35.32	192.92	105.74	-2,357.72	-1,827.01	2,958.70	2,730.84	227.86	12.985		
6,000.00	5,690.34	5,669.34	5,669.34	35.96	196.20	106.34	-2,357.72	-1,827.01	2,968.70	2,736.97	231.73	12.811		
6,100.00	5,784.31	5,763.31	5,763.31	36.59	199.48	106.94	-2,357.72	-1,827.01	2,979.07	2,743.47	235.60	12.644		
6,200.00	5,878.28	5,857.28	5,857.28	37.23	202.76	107.53	-2,357.72	-1,827.01	2,989.79	2,750.32	239.47	12.485		
6,300.00	5,972.25	5,951.25	5,951.25	37.87	206.04	108.12	-2,357.72	-1,827.01	3,000.86	2,757.52	243.34	12.332		
6,400.00	6,066.22	6,045.22	6,045.22	38.51	209.32	108.70	-2,357.72	-1,827.01	3,012.28	2,765.08	247.21	12.185		
6,500.00	6,160.19	6,139.19	6,139.19	39.14	212.60	109.28	-2,357.72	-1,827.01	3,024.05	2,772.98	251.07	12.045		
6,600.00	6,254.16	6,233.16	6,233.16	39.78	215.88	109.86	-2,357.72	-1,827.01	3,036.15	2,781.22	254.93	11.910		
6,700.00	6,348.13	6,327.13	6,327.13	40.42	219.16	110.43	-2,357.72	-1,827.01	3,048.59	2,789.80	258.79	11.780		
6,800.00	6,442.09	6,421.09	6,421.09	41.06	222.44	111.00	-2,357.72	-1,827.01	3,061.36	2,798.72	262.64	11.656		
6,869.92	6,507.80	6,486.80	6,486.80	41.51	224.73	111.40	-2,357.72	-1,827.01	3,070.49	2,805.15	265.34	11.572		
6,900.00	6,536.18	6,515.18	6,515.18	41.69	225.72	104.84	-2,357.72	-1,827.01	3,073.77	2,807.27	266.50	11.534		
6,950.00	6,583.76	6,562.76	6,562.76	41.98	227.38	91.97	-2,357.72	-1,827.01	3,076.19	2,807.78	268.42	11.460		
7,000.00	6,631.58	6,610.58	6,610.58	42.23	229.05	77.56	-2,357.72	-1,827.01	3,074.83	2,804.51	270.32	11.375		
7,050.00	6,679.34	6,658.34	6,658.34	42.44	230.72	63.45	-2,357.72	-1,827.01	3,069.67	2,797.48	272.19	11.278		
7,100.00	6,726.76	6,705.76	6,705.76	42.62	232.38	51.20	-2,357.72	-1,827.01	3,060.74	2,786.72	274.01	11.170		
7,150.00	6,773.53	6,752.53	6,752.53	42.78	234.01	41.40	-2,357.72	-1,827.01	3,048.07	2,772.29	275.78	11.052		
7,200.00	6,819.38	6,801.62	6,798.38	42.91	235.72	33.80	-2,357.72	-1,827.01	3,031.75	2,754.15	277.61	10.921		
7,250.00	6,864.01	6,843.01	6,843.01	43.03	237.17	27.91	-2,357.72	-1,827.01	3,011.86	2,732.73	279.14	10.790		
7,300.00	6,907.16	6,886.16	6,886.16	43.14	238.67	23.27	-2,357.72	-1,827.01	2,988.52	2,707.81	280.71	10.646		
7,350.00	6,948.56	6,927.56	6,927.56	43.24	240.12	19.52	-2,357.72	-1,827.01	2,961.85	2,679.66	282.20	10.496		
7,400.00	6,987.94	6,966.94	6,966.94	43.35	241.49	16.38	-2,357.72	-1,827.01	2,932.02	2,648.42	283.61	10.338		
7,450.00	7,025.08	7,004.08	7,004.08	43.46	242.79	13.65	-2,357.72	-1,827.01	2,899.20	2,614.28	284.92	10.175		
7,500.00	7,059.73	7,038.73	7,038.73	43.57	244.00	11.15	-2,357.72	-1,827.01	2,863.59	2,577.44	286.15	10.007		
7,550.00	7,091.70	7,070.70	7,070.70	43.70	245.11	8.73	-2,357.72	-1,827.01	2,825.39	2,538.12	287.27	9.835		
7,600.00	7,120.77	7,100.23	7,099.77	43.84	246.15	6.23	-2,357.72	-1,827.01	2,784.85	2,496.54	288.31	9.659		
7,650.00	7,146.77	7,125.77	7,125.77	44.00	247.04	3.46	-2,357.72	-1,827.01	2,742.20	2,453.00	289.20	9.482		
7,700.00	7,169.54	7,148.54	7,148.54	44.18	247.83	0.13	-2,357.72	-1,827.01	2,697.70	2,407.71	290.00	9.302		
7,750.00	7,188.94	7,167.94	7,167.94	44.38	248.51	-4.23	-2,357.72	-1,827.01	2,651.64	2,360.96	290.68	9.122		
7,800.00	7,204.85	7,183.85	7,183.85	44.61	249.06	-10.48	-2,357.72	-1,827.01	2,604.29	2,313.04	291.25	8.942		
7,850.00	7,217.17	7,203.83	7,196.17	44.88	249.76	-20.35	-2,357.72	-1,827.01	2,555.95	2,263.98	291.96	8.754		
7,900.00	7,225.83	7,204.83	7,204.83	45.17	249.80	-37.21	-2,357.72	-1,827.01	2,506.92	2,214.89	292.03	8.585		
7,950.00	7,230.77	7,209.77	7,209.77	45.50	249.97	-64.57	-2,357.72	-1,827.01	2,457.51	2,165.27	292.23	8.409		
7,985.49	7,232.00	7,211.00	7,211.00	45.75	250.01	-86.87	-2,357.72	-1,827.01	2,422.38	2,130.06	292.31	8.287		
8,000.00	7,232.12	7,211.12	7,211.12	45.86	250.02	-86.89	-2,357.72	-1,827.01	2,408.02	2,115.69	292.33	8.237		
8,100.00	7,232.93	7,211.93	7,211.93	46.71	250.04	-87.02	-2,357.72	-1,827.01	2,309.16	2,016.69	292.47	7.895		
8,200.00	7,233.74	7,212.74	7,212.74	47.73	250.07	-87.15	-2,357.72	-1,827.01	2,210.40	1,917.76	292.63	7.554		
8,300.00	7,234.54	7,213.54	7,213.54	48.94	250.10	-87.28	-2,357.72	-1,827.01	2,111.75	1,818.94	292.81	7.212		
8,400.00	7,235.35	7,214.35	7,214.35	50.32	250.13	-87.41	-2,357.72	-1,827.01	2,013.24	1,720.21	293.02	6.871		
8,500.00	7,236.16	7,215.16	7,215.16	51.86	250.16	-87.54	-2,357.72	-1,827.01	1,914.88	1,621.61	293.26	6.530		
8,600.00	7,236.97	7,215.97	7,215.97	53.54	250.19	-87.67	-2,357.72	-1,827.01	1,816.69	1,523.16	293.54	6.189		
8,700.00	7,237.77	7,216.77	7,216.77	55.33	250.21	-87.80	-2,357.72	-1,827.01	1,718.72	1,424.86	293.86	5.849		
8,800.00	7,238.58	7,217.58	7,217.58	57.24	250.24	-87.93	-2,357.72	-1,827.01	1,621.00	1,326.75	294.24	5.509		
8,900.00	7,239.39	7,218.39	7,218.39	59.24	250.27	-88.06	-2,357.72	-1,827.01	1,523.57	1,228.87	294.70	5.170		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,240.20	7,219.20	7,219.20	61.31	250.30	-88.19	-2,357.72	-1,827.01	1,426.49	1,131.25	295.24	4.832		
9,100.00	7,241.01	7,220.01	7,220.01	63.46	250.33	-88.32	-2,357.72	-1,827.01	1,329.85	1,033.96	295.90	4.494		
9,200.00	7,241.81	7,220.81	7,220.81	65.67	250.36	-88.45	-2,357.72	-1,827.01	1,233.74	937.04	296.70	4.158		
9,300.00	7,242.62	7,221.62	7,221.62	67.93	250.38	-88.58	-2,357.72	-1,827.01	1,138.31	840.61	297.70	3.824		
9,400.00	7,243.43	7,222.43	7,222.43	70.25	250.41	-88.72	-2,357.72	-1,827.01	1,043.73	744.77	298.95	3.491		
9,500.00	7,244.24	7,223.24	7,223.24	72.60	250.44	-88.85	-2,357.72	-1,827.01	950.25	649.71	300.55	3.162		
9,600.00	7,245.04	7,224.04	7,224.04	74.99	250.47	-88.98	-2,357.72	-1,827.01	858.25	555.65	302.60	2.836		
9,700.00	7,245.85	7,224.85	7,224.85	77.42	250.50	-89.11	-2,357.72	-1,827.01	768.25	462.98	305.27	2.517		
9,800.00	7,246.66	7,225.66	7,225.66	79.87	250.52	-89.24	-2,357.72	-1,827.01	681.05	372.27	308.78	2.206		
9,900.00	7,247.47	7,226.47	7,226.47	82.36	250.55	-89.37	-2,357.72	-1,827.01	597.86	284.46	313.41	1.908		
10,000.00	7,248.28	7,227.28	7,227.28	84.87	250.58	-89.50	-2,357.72	-1,827.01	520.63	201.21	319.42	1.630		
10,100.00	7,249.08	7,228.08	7,228.08	87.40	250.61	-89.63	-2,357.72	-1,827.01	452.40	125.49	326.91	1.384 Level 3		
10,200.00	7,249.89	7,228.89	7,228.89	89.95	250.64	-89.76	-2,357.72	-1,827.01	397.83	62.59	335.25	1.187 Level 2		
10,300.00	7,250.70	7,229.70	7,229.70	92.52	250.67	-89.89	-2,357.72	-1,827.01	363.15	20.77	342.38	1.061 Level 2		
10,381.97	7,251.36	7,230.36	7,230.36	94.64	250.69	-90.00	-2,357.72	-1,827.01	353.78	8.67	345.10	1.025 Level 2, CC, ES, SF		
10,400.00	7,251.51	7,230.51	7,230.51	95.11	250.69	-90.02	-2,357.72	-1,827.01	354.24	9.06	345.18	1.026 Level 2		
10,500.00	7,252.31	7,231.31	7,231.31	97.71	250.72	-90.15	-2,357.72	-1,827.01	372.95	30.66	342.29	1.090 Level 2		
10,600.00	7,253.12	7,232.12	7,232.12	100.33	250.75	-90.29	-2,357.72	-1,827.01	415.56	79.84	335.73	1.238 Level 2		
10,700.00	7,253.93	7,232.93	7,232.93	102.96	250.78	-90.42	-2,357.72	-1,827.01	475.71	147.32	328.38	1.449 Level 3		
10,800.00	7,254.74	7,233.74	7,233.74	105.61	250.81	-90.55	-2,357.72	-1,827.01	547.63	225.77	321.86	1.701		
10,900.00	7,255.55	7,234.55	7,234.55	108.26	250.83	-90.68	-2,357.72	-1,827.01	627.29	310.72	316.57	1.982		
11,000.00	7,256.35	7,235.35	7,235.35	110.92	250.86	-90.81	-2,357.72	-1,827.01	712.11	399.67	312.43	2.279		
11,100.00	7,257.16	7,236.16	7,236.16	113.60	250.89	-90.94	-2,357.72	-1,827.01	800.43	491.21	309.22	2.589		
11,200.00	7,257.97	7,236.97	7,236.97	116.28	250.92	-91.07	-2,357.72	-1,827.01	891.23	584.51	306.72	2.906		
11,300.00	7,258.78	7,237.78	7,237.78	118.97	250.95	-91.20	-2,357.72	-1,827.01	983.81	679.05	304.76	3.228		
11,400.00	7,259.58	7,238.58	7,238.58	121.67	250.98	-91.33	-2,357.72	-1,827.01	1,077.72	774.52	303.20	3.554		
11,500.00	7,260.39	7,239.39	7,239.39	124.38	251.00	-91.46	-2,357.72	-1,827.01	1,172.63	870.68	301.95	3.884		
11,600.00	7,261.20	7,240.20	7,240.20	127.09	251.03	-91.59	-2,357.72	-1,827.01	1,268.33	967.39	300.94	4.215		
11,700.00	7,262.01	7,241.01	7,241.01	129.81	251.06	-91.72	-2,357.72	-1,827.01	1,364.64	1,064.52	300.12	4.547		
11,800.00	7,262.82	7,241.82	7,241.82	132.53	251.09	-91.85	-2,357.72	-1,827.01	1,461.45	1,162.01	299.44	4.881		
11,900.00	7,263.62	7,242.62	7,242.62	135.26	251.12	-91.99	-2,357.72	-1,827.01	1,558.66	1,259.78	298.88	5.215		
12,000.00	7,264.43	7,243.43	7,243.43	138.00	251.14	-92.12	-2,357.72	-1,827.01	1,656.20	1,357.79	298.41	5.550		
12,100.00	7,265.24	7,244.24	7,244.24	140.74	251.17	-92.25	-2,357.72	-1,827.01	1,754.02	1,456.00	298.02	5.886		
12,200.00	7,266.05	7,245.05	7,245.05	143.49	251.20	-92.38	-2,357.72	-1,827.01	1,852.07	1,554.38	297.69	6.222		
12,300.00	7,266.86	7,245.86	7,245.86	146.24	251.23	-92.51	-2,357.72	-1,827.01	1,950.32	1,652.91	297.41	6.558		
12,400.00	7,267.66	7,246.66	7,246.66	148.99	251.26	-92.64	-2,357.72	-1,827.01	2,048.74	1,751.56	297.18	6.894		
12,500.00	7,268.47	7,247.47	7,247.47	151.75	251.29	-92.77	-2,357.72	-1,827.01	2,147.30	1,850.33	296.98	7.231		
12,600.00	7,269.28	7,248.28	7,248.28	154.51	251.31	-92.90	-2,357.72	-1,827.01	2,245.99	1,949.18	296.81	7.567		
12,700.00	7,270.09	7,249.09	7,249.09	157.27	251.34	-93.03	-2,357.72	-1,827.01	2,344.80	2,048.13	296.67	7.904		
12,800.00	7,270.89	7,249.89	7,249.89	160.04	251.37	-93.16	-2,357.72	-1,827.01	2,443.69	2,147.14	296.55	8.240		
12,900.00	7,271.70	7,250.70	7,250.70	162.81	251.40	-93.29	-2,357.72	-1,827.01	2,542.68	2,246.23	296.45	8.577		
13,000.00	7,272.51	7,251.51	7,251.51	165.58	251.43	-93.42	-2,357.72	-1,827.01	2,641.74	2,345.37	296.37	8.914		
13,100.00	7,273.32	7,252.32	7,252.32	168.36	251.45	-93.55	-2,357.72	-1,827.01	2,740.87	2,444.56	296.30	9.250		
13,200.00	7,274.13	7,253.13	7,253.13	171.14	251.48	-93.68	-2,357.72	-1,827.01	2,840.06	2,543.81	296.25	9.587		
13,300.00	7,274.93	7,253.93	7,253.93	173.92	251.51	-93.81	-2,357.72	-1,827.01	2,939.30	2,643.09	296.21	9.923		
13,400.00	7,275.74	7,254.74	7,254.74	176.71	251.54	-93.94	-2,357.72	-1,827.01	3,038.60	2,742.42	296.18	10.259		
13,500.00	7,276.55	7,255.55	7,255.55	179.49	251.57	-94.07	-2,357.72	-1,827.01	3,137.93	2,841.78	296.16	10.595		
13,555.88	7,277.00	7,256.00	7,256.00	181.05	251.58	-94.14	-2,357.72	-1,827.01	3,193.47	2,897.32	296.15	10.783		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-86.10	470.91	-6,911.46	6,927.49					
100.00	100.00	117.00	117.00	3.28	4.03	-86.10	470.91	-6,911.46	6,927.49	6,920.17	7.31	947.253		
200.00	200.00	217.00	217.00	3.34	6.69	-86.10	470.91	-6,911.46	6,927.49	6,917.46	10.03	690.928		
300.00	299.98	316.98	316.98	3.44	9.88	127.95	470.91	-6,911.46	6,928.56	6,915.24	13.32	520.137		
400.00	399.84	416.84	416.84	3.59	13.22	127.93	470.91	-6,911.46	6,931.78	6,914.97	16.81	412.337		
500.00	499.45	516.45	516.45	3.79	16.61	127.90	470.91	-6,911.46	6,937.15	6,916.75	20.40	340.023		
600.00	598.70	615.70	615.70	4.04	20.02	127.86	470.91	-6,911.46	6,944.67	6,920.61	24.05	288.709		
700.00	697.47	714.47	714.47	4.32	23.43	127.81	470.91	-6,911.46	6,954.34	6,926.59	27.75	250.641		
800.00	795.62	812.62	812.62	4.64	26.82	127.74	470.91	-6,911.46	6,966.16	6,934.70	31.46	221.400		
900.00	893.06	910.06	910.06	5.01	30.20	127.66	470.91	-6,911.46	6,980.15	6,944.95	35.20	198.311		
1,000.00	989.64	1,006.64	1,006.64	5.41	33.56	127.57	470.91	-6,911.46	6,996.29	6,957.35	38.94	179.670		
1,100.00	1,085.27	1,102.27	1,102.27	5.85	36.88	127.46	470.91	-6,911.46	7,014.59	6,971.91	42.68	164.341		
1,200.00	1,179.82	1,203.18	1,196.82	6.33	40.39	127.33	470.91	-6,911.46	7,035.06	6,988.42	46.64	150.823		
1,300.00	1,273.78	1,309.22	1,290.78	6.85	44.08	127.54	470.91	-6,911.46	7,056.66	7,005.86	50.81	138.888		
1,400.00	1,367.75	1,384.75	1,384.75	7.38	46.71	127.75	470.91	-6,911.46	7,078.37	7,024.44	53.93	131.259		
1,500.00	1,461.72	1,478.72	1,478.72	7.93	49.98	127.96	470.91	-6,911.46	7,100.17	7,042.47	57.70	123.050		
1,600.00	1,555.69	1,572.69	1,572.69	8.49	53.26	128.17	470.91	-6,911.46	7,122.06	7,060.58	61.49	115.828		
1,700.00	1,649.66	1,666.66	1,666.66	9.07	56.53	128.38	470.91	-6,911.46	7,144.06	7,078.77	65.28	109.429		
1,800.00	1,743.63	1,760.63	1,760.63	9.65	59.81	128.59	470.91	-6,911.46	7,166.15	7,097.06	69.09	103.724		
1,900.00	1,837.60	1,854.60	1,854.60	10.24	63.08	128.79	470.91	-6,911.46	7,188.34	7,115.44	72.90	98.606		
2,000.00	1,931.57	1,948.57	1,948.57	10.83	66.36	129.00	470.91	-6,911.46	7,210.61	7,133.90	76.72	93.992		
2,100.00	2,025.54	2,042.54	2,042.54	11.43	69.64	129.20	470.91	-6,911.46	7,232.99	7,152.45	80.54	89.811		
2,200.00	2,119.51	2,136.51	2,136.51	12.03	72.91	129.40	470.91	-6,911.46	7,255.45	7,171.09	84.36	86.007		
2,300.00	2,213.48	2,230.48	2,230.48	12.64	76.19	129.60	470.91	-6,911.46	7,278.01	7,189.82	88.19	82.530		
2,400.00	2,307.45	2,324.45	2,324.45	13.25	79.47	129.80	470.91	-6,911.46	7,300.65	7,208.64	92.02	79.342		
2,500.00	2,401.42	2,418.42	2,418.42	13.87	82.75	130.00	470.91	-6,911.46	7,323.39	7,227.54	95.85	76.408		
2,600.00	2,495.39	2,512.39	2,512.39	14.48	86.02	130.20	470.91	-6,911.46	7,346.22	7,246.54	99.68	73.698		
2,700.00	2,589.35	2,606.35	2,606.35	15.10	89.30	130.39	470.91	-6,911.46	7,369.13	7,265.62	103.51	71.190		
2,800.00	2,683.32	2,700.32	2,700.32	15.72	92.58	130.59	470.91	-6,911.46	7,392.13	7,284.78	107.35	68.861		
2,900.00	2,777.29	2,805.71	2,794.29	16.34	96.26	130.78	470.91	-6,911.46	7,415.22	7,303.63	111.58	66.454		
3,000.00	2,871.26	2,888.26	2,888.26	16.97	99.14	130.98	470.91	-6,911.46	7,438.39	7,323.37	115.02	64.669		
3,100.00	2,965.23	2,982.23	2,982.23	17.59	102.42	131.17	470.91	-6,911.46	7,461.65	7,342.79	118.86	62.777		
3,200.00	3,059.20	3,076.20	3,076.20	18.22	105.70	131.36	470.91	-6,911.46	7,484.99	7,362.29	122.70	61.003		
3,300.00	3,153.17	3,170.17	3,170.17	18.84	108.97	131.55	470.91	-6,911.46	7,508.41	7,381.88	126.54	59.338		
3,400.00	3,247.14	3,264.14	3,264.14	19.47	112.25	131.74	470.91	-6,911.46	7,531.92	7,401.54	130.37	57.771		
3,500.00	3,341.11	3,358.11	3,358.11	20.10	115.53	131.92	470.91	-6,911.46	7,555.51	7,421.29	134.21	56.295		
3,600.00	3,435.08	3,452.08	3,452.08	20.73	118.81	132.11	470.91	-6,911.46	7,579.18	7,441.13	138.05	54.901		
3,700.00	3,529.05	3,546.05	3,546.05	21.36	122.09	132.29	470.91	-6,911.46	7,602.93	7,461.04	141.89	53.583		
3,800.00	3,623.02	3,640.02	3,640.02	21.99	125.37	132.48	470.91	-6,911.46	7,626.76	7,481.03	145.73	52.335		
3,900.00	3,716.99	3,733.99	3,733.99	22.62	128.65	132.66	470.91	-6,911.46	7,650.66	7,501.10	149.57	51.152		
4,000.00	3,810.95	3,827.95	3,827.95	23.25	131.93	132.84	470.91	-6,911.46	7,674.65	7,521.24	153.41	50.028		
4,100.00	3,904.92	3,921.92	3,921.92	23.88	135.21	133.02	470.91	-6,911.46	7,698.71	7,541.47	157.24	48.960		
4,200.00	3,998.89	4,015.89	4,015.89	24.52	138.49	133.20	470.91	-6,911.46	7,722.85	7,561.77	161.08	47.944		
4,300.00	4,092.86	4,109.86	4,109.86	25.15	141.77	133.38	470.91	-6,911.46	7,747.07	7,582.15	164.92	46.975		
4,400.00	4,186.83	4,203.83	4,203.83	25.78	145.05	133.56	470.91	-6,911.46	7,771.36	7,602.60	168.76	46.051		
4,500.00	4,280.80	4,302.20	4,297.80	26.42	148.48	133.74	470.91	-6,911.46	7,795.72	7,622.98	172.75	45.128		
4,600.00	4,374.77	4,408.23	4,391.77	27.05	152.18	133.91	470.91	-6,911.46	7,820.16	7,643.16	177.00	44.181		
4,700.00	4,468.74	4,485.74	4,485.74	27.68	154.89	134.09	470.91	-6,911.46	7,844.67	7,664.41	180.26	43.518		
4,800.00	4,562.71	4,579.71	4,579.71	28.32	158.17	134.26	470.91	-6,911.46	7,869.26	7,685.16	184.10	42.744		
4,900.00	4,656.68	4,673.68	4,673.68	28.95	161.45	134.43	470.91	-6,911.46	7,893.91	7,705.98	187.94	42.003		
5,000.00	4,750.65	4,767.65	4,767.65	29.59	164.73	134.60	470.91	-6,911.46	7,918.64	7,726.87	191.77	41.292		
5,100.00	4,844.62	4,861.62	4,861.62	30.23	168.01	134.77	470.91	-6,911.46	7,943.44	7,747.83	195.60	40.610		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,955.59	4,955.59	30.86	171.29	134.94	470.91	-6,911.46	7,968.30	7,768.86	199.44	39.954		
5,300.00	5,032.56	5,049.56	5,049.56	31.50	174.57	135.11	470.91	-6,911.46	7,993.24	7,789.97	203.27	39.323		
5,400.00	5,126.52	5,143.52	5,143.52	32.13	177.85	135.28	470.91	-6,911.46	8,018.24	7,811.14	207.10	38.716		
5,500.00	5,220.49	5,237.49	5,237.49	32.77	181.13	135.44	470.91	-6,911.46	8,043.31	7,832.37	210.94	38.131		
5,600.00	5,314.46	5,331.46	5,331.46	33.41	184.41	135.61	470.91	-6,911.46	8,068.45	7,853.68	214.77	37.568		
5,700.00	5,408.43	5,425.43	5,425.43	34.04	187.69	135.77	470.91	-6,911.46	8,093.65	7,875.05	218.60	37.025		
5,800.00	5,502.40	5,519.40	5,519.40	34.68	190.97	135.94	470.91	-6,911.46	8,118.93	7,896.49	222.43	36.501		
5,900.00	5,596.37	5,613.37	5,613.37	35.32	194.25	136.10	470.91	-6,911.46	8,144.26	7,918.00	226.26	35.995		
6,000.00	5,690.34	5,707.34	5,707.34	35.96	197.53	136.26	470.91	-6,911.46	8,169.66	7,939.57	230.09	35.506		
6,100.00	5,784.31	5,801.31	5,801.31	36.59	200.81	136.42	470.91	-6,911.46	8,195.13	7,961.21	233.92	35.034		
6,200.00	5,878.28	5,904.72	5,895.28	37.23	204.42	136.58	470.91	-6,911.46	8,220.65	7,982.57	238.08	34.529		
6,300.00	5,972.25	5,989.25	5,989.25	37.87	207.37	136.74	470.91	-6,911.46	8,246.25	8,004.67	241.58	34.135		
6,400.00	6,066.22	6,083.22	6,083.22	38.51	210.65	136.90	470.91	-6,911.46	8,271.90	8,026.49	245.41	33.707		
6,500.00	6,160.19	6,177.19	6,177.19	39.14	213.93	137.06	470.91	-6,911.46	8,297.61	8,048.38	249.23	33.292		
6,600.00	6,254.16	6,271.16	6,271.16	39.78	217.21	137.21	470.91	-6,911.46	8,323.39	8,070.33	253.06	32.891		
6,700.00	6,348.13	6,365.13	6,365.13	40.42	220.49	137.37	470.91	-6,911.46	8,349.22	8,092.34	256.89	32.501		
6,800.00	6,442.09	6,459.09	6,459.09	41.06	223.77	137.52	470.91	-6,911.46	8,375.12	8,114.41	260.71	32.124		
6,869.92	6,507.80	6,524.80	6,524.80	41.51	226.06	137.63	470.91	-6,911.46	8,393.26	8,129.87	263.39	31.866		
6,900.00	6,536.18	6,553.18	6,553.18	41.69	227.05	137.72	470.91	-6,911.46	8,400.41	8,135.87	264.54	31.755		
6,950.00	6,583.76	6,600.76	6,600.76	41.98	228.71	117.40	470.91	-6,911.46	8,409.35	8,142.89	266.46	31.559		
7,000.00	6,631.58	6,648.58	6,648.58	42.23	230.38	102.73	470.91	-6,911.46	8,414.56	8,146.19	268.37	31.354		
7,050.00	6,679.34	6,703.66	6,696.34	42.44	232.30	88.50	470.91	-6,911.46	8,416.02	8,145.51	270.51	31.111		
7,100.00	6,726.76	6,743.76	6,743.76	42.62	233.70	76.31	470.91	-6,911.46	8,413.73	8,141.63	272.10	30.922		
7,150.00	6,773.53	6,809.47	6,790.53	42.78	236.00	66.72	470.91	-6,911.46	8,407.70	8,133.15	274.55	30.624		
7,200.00	6,819.38	6,836.38	6,836.38	42.91	236.94	59.51	470.91	-6,911.46	8,397.98	8,122.37	275.61	30.471		
7,250.00	6,864.01	6,881.01	6,881.01	43.03	238.49	54.21	470.91	-6,911.46	8,384.63	8,107.37	277.26	30.242		
7,300.00	6,907.16	6,924.16	6,924.16	43.14	240.00	50.37	470.91	-6,911.46	8,367.73	8,088.91	278.82	30.011		
7,350.00	6,948.56	6,965.56	6,965.56	43.24	241.44	47.66	470.91	-6,911.46	8,347.41	8,067.11	280.30	29.780		
7,400.00	6,987.94	7,004.94	7,004.94	43.35	242.82	45.84	470.91	-6,911.46	8,323.78	8,042.09	281.69	29.550		
7,450.00	7,025.08	7,042.08	7,042.08	43.46	244.12	44.77	470.91	-6,911.46	8,296.99	8,014.01	282.98	29.320		
7,500.00	7,059.73	7,076.73	7,076.73	43.57	245.33	44.35	470.91	-6,911.46	8,267.21	7,983.05	284.17	29.093		
7,550.00	7,091.70	7,108.70	7,108.70	43.70	246.44	44.56	470.91	-6,911.46	8,234.63	7,949.38	285.25	28.868		
7,600.00	7,120.77	7,137.77	7,137.77	43.84	247.46	45.39	470.91	-6,911.46	8,199.44	7,913.23	286.22	28.647		
7,650.00	7,146.77	7,163.77	7,163.77	44.00	248.36	46.89	470.91	-6,911.46	8,161.87	7,874.79	287.08	28.431		
7,700.00	7,169.54	7,186.54	7,186.54	44.18	249.16	49.17	470.91	-6,911.46	8,122.14	7,834.31	287.83	28.218		
7,750.00	7,188.94	7,205.94	7,205.94	44.38	249.84	52.38	470.91	-6,911.46	8,080.50	7,792.04	288.47	28.012		
7,800.00	7,204.85	7,221.85	7,221.85	44.61	250.39	56.75	470.91	-6,911.46	8,037.20	7,748.21	288.99	27.812		
7,850.00	7,217.17	7,234.17	7,234.17	44.88	250.82	62.60	470.91	-6,911.46	7,992.50	7,703.11	289.39	27.618		
7,900.00	7,225.83	7,242.83	7,242.83	45.17	251.12	70.32	470.91	-6,911.46	7,946.68	7,657.00	289.68	27.432		
7,950.00	7,230.77	7,247.77	7,247.77	45.50	251.30	80.24	470.91	-6,911.46	7,900.01	7,610.15	289.86	27.255		
7,985.49	7,232.00	7,249.00	7,249.00	45.75	251.34	88.64	470.91	-6,911.46	7,866.52	7,576.61	289.91	27.134		
8,000.00	7,232.12	7,249.12	7,249.12	45.86	251.34	88.64	470.91	-6,911.46	7,852.79	7,562.86	289.92	27.086		
8,100.00	7,232.93	7,249.93	7,249.93	46.71	251.37	88.66	470.91	-6,911.46	7,758.21	7,468.20	290.01	26.752		
8,200.00	7,233.74	7,250.74	7,250.74	47.73	251.40	88.68	470.91	-6,911.46	7,663.78	7,373.65	290.12	26.416		
8,300.00	7,234.54	7,251.54	7,251.54	48.94	251.43	88.70	470.91	-6,911.46	7,569.48	7,279.21	290.27	26.077		
8,400.00	7,235.35	7,252.35	7,252.35	50.32	251.46	88.72	470.91	-6,911.46	7,475.34	7,184.89	290.45	25.737		
8,500.00	7,236.16	7,253.16	7,253.16	51.86	251.48	88.73	470.91	-6,911.46	7,381.34	7,090.68	290.66	25.395		
8,600.00	7,236.97	7,253.97	7,253.97	53.54	251.51	88.75	470.91	-6,911.46	7,287.51	6,996.60	290.92	25.050		
8,700.00	7,237.77	7,254.77	7,254.77	55.33	251.54	88.77	470.91	-6,911.46	7,193.84	6,902.64	291.21	24.703		
8,800.00	7,238.58	7,255.58	7,255.58	57.24	251.57	88.79	470.91	-6,911.46	7,100.35	6,808.81	291.54	24.355		
8,900.00	7,239.39	7,256.39	7,256.39	59.24	251.60	88.81	470.91	-6,911.46	7,007.04	6,715.12	291.92	24.003		
9,000.00	7,240.20	7,257.20	7,257.20	61.31	251.63	88.83	470.91	-6,911.46	6,913.91	6,621.57	292.34	23.650		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,258.01	7,258.01	63.46	251.65	88.84	470.91	-6,911.46	6,820.98	6,528.16	292.81	23.295		
9,200.00	7,241.81	7,258.81	7,258.81	65.67	251.68	88.86	470.91	-6,911.46	6,728.25	6,434.91	293.33	22.937		
9,300.00	7,242.62	7,259.62	7,259.62	67.93	251.71	88.88	470.91	-6,911.46	6,635.73	6,341.82	293.91	22.578		
9,400.00	7,243.43	7,260.43	7,260.43	70.25	251.74	88.90	470.91	-6,911.46	6,543.43	6,248.89	294.54	22.216		
9,500.00	7,244.24	7,261.24	7,261.24	72.60	251.77	88.92	470.91	-6,911.46	6,451.36	6,156.14	295.22	21.853		
9,600.00	7,245.04	7,262.04	7,262.04	74.99	251.79	88.94	470.91	-6,911.46	6,359.53	6,063.56	295.96	21.487		
9,700.00	7,245.85	7,262.85	7,262.85	77.42	251.82	88.95	470.91	-6,911.46	6,267.95	5,971.18	296.77	21.121		
9,800.00	7,246.66	7,263.66	7,263.66	79.87	251.85	88.97	470.91	-6,911.46	6,176.63	5,878.99	297.64	20.752		
9,900.00	7,247.47	7,264.47	7,264.47	82.36	251.88	88.99	470.91	-6,911.46	6,085.58	5,787.01	298.57	20.382		
10,000.00	7,248.28	7,265.28	7,265.28	84.87	251.91	89.01	470.91	-6,911.46	5,994.82	5,695.25	299.57	20.011		
10,100.00	7,249.08	7,266.08	7,266.08	87.40	251.94	89.03	470.91	-6,911.46	5,904.36	5,603.72	300.64	19.639		
10,200.00	7,249.89	7,266.89	7,266.89	89.95	251.96	89.04	470.91	-6,911.46	5,814.21	5,512.43	301.78	19.266		
10,300.00	7,250.70	7,267.70	7,267.70	92.52	251.99	89.06	470.91	-6,911.46	5,724.38	5,421.39	302.99	18.893		
10,400.00	7,251.51	7,268.51	7,268.51	95.11	252.02	89.08	470.91	-6,911.46	5,634.90	5,330.62	304.28	18.519		
10,500.00	7,252.31	7,269.31	7,269.31	97.71	252.05	89.10	470.91	-6,911.46	5,545.78	5,240.13	305.65	18.144		
10,600.00	7,253.12	7,270.12	7,270.12	100.33	252.08	89.12	470.91	-6,911.46	5,457.03	5,149.94	307.10	17.770		
10,700.00	7,253.93	7,270.93	7,270.93	102.96	252.10	89.14	470.91	-6,911.46	5,368.69	5,060.06	308.63	17.395		
10,800.00	7,254.74	7,271.74	7,271.74	105.61	252.13	89.15	470.91	-6,911.46	5,280.75	4,970.51	310.24	17.021		
10,900.00	7,255.55	7,272.55	7,272.55	108.26	252.16	89.17	470.91	-6,911.46	5,193.25	4,881.31	311.95	16.648		
11,000.00	7,256.35	7,273.35	7,273.35	110.92	252.19	89.19	470.91	-6,911.46	5,106.22	4,792.48	313.74	16.276		
11,100.00	7,257.16	7,274.16	7,274.16	113.60	252.22	89.21	470.91	-6,911.46	5,019.66	4,704.04	315.62	15.904		
11,200.00	7,257.97	7,274.97	7,274.97	116.28	252.25	89.23	470.91	-6,911.46	4,933.61	4,616.02	317.59	15.534		
11,300.00	7,258.78	7,275.78	7,275.78	118.97	252.27	89.25	470.91	-6,911.46	4,848.10	4,528.43	319.67	15.166		
11,400.00	7,259.58	7,276.58	7,276.58	121.67	252.30	89.26	470.91	-6,911.46	4,763.16	4,441.31	321.84	14.800		
11,500.00	7,260.39	7,277.39	7,277.39	124.38	252.33	89.28	470.91	-6,911.46	4,678.80	4,354.69	324.12	14.436		
11,600.00	7,261.20	7,278.20	7,278.20	127.09	252.36	89.30	470.91	-6,911.46	4,595.08	4,268.58	326.50	14.074		
11,700.00	7,262.01	7,279.01	7,279.01	129.81	252.39	89.32	470.91	-6,911.46	4,512.02	4,183.03	328.98	13.715		
11,800.00	7,262.82	7,279.82	7,279.82	132.53	252.41	89.34	470.91	-6,911.46	4,429.65	4,098.07	331.58	13.359		
11,900.00	7,263.62	7,280.62	7,280.62	135.26	252.44	89.36	470.91	-6,911.46	4,348.03	4,013.73	334.30	13.006		
12,000.00	7,264.43	7,281.43	7,281.43	138.00	252.47	89.37	470.91	-6,911.46	4,267.19	3,930.06	337.13	12.658		
12,100.00	7,265.24	7,282.24	7,282.24	140.74	252.50	89.39	470.91	-6,911.46	4,187.18	3,847.10	340.08	12.312		
12,200.00	7,266.05	7,283.05	7,283.05	143.49	252.53	89.41	470.91	-6,911.46	4,108.04	3,764.89	343.15	11.972		
12,300.00	7,266.86	7,283.86	7,283.86	146.24	252.56	89.43	470.91	-6,911.46	4,029.83	3,683.48	346.35	11.635		
12,400.00	7,267.66	7,284.66	7,284.66	148.99	252.58	89.45	470.91	-6,911.46	3,952.60	3,602.93	349.67	11.304		
12,500.00	7,268.47	7,285.47	7,285.47	151.75	252.61	89.46	470.91	-6,911.46	3,876.41	3,523.28	353.13	10.977		
12,600.00	7,269.28	7,286.28	7,286.28	154.51	252.64	89.48	470.91	-6,911.46	3,801.33	3,444.61	356.72	10.656		
12,700.00	7,270.09	7,287.09	7,287.09	157.27	252.67	89.50	470.91	-6,911.46	3,727.42	3,366.98	360.44	10.341		
12,800.00	7,270.89	7,287.89	7,287.89	160.04	252.70	89.52	470.91	-6,911.46	3,654.75	3,290.45	364.30	10.032		
12,900.00	7,271.70	7,288.70	7,288.70	162.81	252.72	89.54	470.91	-6,911.46	3,583.39	3,215.10	368.30	9.730		
13,000.00	7,272.51	7,289.51	7,289.51	165.58	252.75	89.56	470.91	-6,911.46	3,513.44	3,141.01	372.43	9.434		
13,100.00	7,273.32	7,309.68	7,290.32	168.36	253.46	89.57	470.91	-6,911.46	3,444.96	3,067.59	377.37	9.129		
13,200.00	7,274.13	7,308.87	7,291.13	171.14	253.43	89.59	470.91	-6,911.46	3,378.06	2,996.34	381.72	8.850		
13,300.00	7,274.93	7,308.07	7,291.93	173.92	253.40	89.61	470.91	-6,911.46	3,312.83	2,926.63	386.20	8.578		
13,400.00	7,275.74	7,307.26	7,292.74	176.71	253.37	89.63	470.91	-6,911.46	3,249.36	2,858.56	390.80	8.315		
13,500.00	7,276.55	7,306.45	7,293.55	179.49	253.34	89.65	470.91	-6,911.46	3,187.77	2,792.24	395.53	8.060		
13,555.88	7,277.00	7,306.00	7,294.00	181.05	253.33	89.66	470.91	-6,911.46	3,154.20	2,755.98	398.22	7.921 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-99.56	-1,224.83	-7,269.04	7,371.50					
100.00	100.00	104.00	104.00	3.28	3.78	-99.56	-1,224.83	-7,269.04	7,371.50	7,364.44	7.07	1,042.965		
200.00	200.00	204.00	204.00	3.34	6.30	-99.56	-1,224.83	-7,269.04	7,371.50	7,361.87	9.63	765.095		
300.00	299.98	303.98	303.98	3.44	9.45	114.49	-1,224.83	-7,269.04	7,372.23	7,359.33	12.89	571.772		
400.00	399.84	403.84	403.84	3.59	12.78	114.49	-1,224.83	-7,269.04	7,374.40	7,358.03	16.37	450.452		
500.00	499.45	503.45	503.45	3.79	16.17	114.48	-1,224.83	-7,269.04	7,378.02	7,358.07	19.96	369.711		
600.00	598.70	602.70	602.70	4.04	19.57	114.48	-1,224.83	-7,269.04	7,383.11	7,359.50	23.61	312.769		
700.00	697.47	701.47	701.47	4.32	22.98	114.47	-1,224.83	-7,269.04	7,389.65	7,362.35	27.30	270.710		
800.00	795.62	800.38	799.62	4.64	26.40	114.45	-1,224.83	-7,269.04	7,397.67	7,366.63	31.04	238.301		
900.00	893.06	902.94	897.06	5.01	29.96	114.43	-1,224.83	-7,269.04	7,407.19	7,372.22	34.96	211.874		
1,000.00	989.64	1,006.36	993.64	5.41	33.55	114.41	-1,224.83	-7,269.04	7,418.20	7,379.25	38.95	190.467		
1,100.00	1,085.27	1,089.27	1,089.27	5.85	36.43	114.38	-1,224.83	-7,269.04	7,430.72	7,388.46	42.26	175.828		
1,200.00	1,179.82	1,183.82	1,183.82	6.33	39.72	114.34	-1,224.83	-7,269.04	7,444.78	7,398.77	46.02	161.780		
1,300.00	1,273.78	1,277.78	1,277.78	6.85	42.99	114.56	-1,224.83	-7,269.04	7,459.68	7,409.90	49.78	149.842		
1,400.00	1,367.75	1,371.75	1,371.75	7.38	46.26	114.79	-1,224.83	-7,269.04	7,474.70	7,421.13	53.57	139.536		
1,500.00	1,461.72	1,465.72	1,465.72	7.93	49.53	115.02	-1,224.83	-7,269.04	7,489.85	7,432.48	57.37	130.557		
1,600.00	1,555.69	1,559.69	1,559.69	8.49	52.81	115.24	-1,224.83	-7,269.04	7,505.13	7,443.94	61.18	122.670		
1,700.00	1,649.66	1,653.66	1,653.66	9.07	56.08	115.46	-1,224.83	-7,269.04	7,520.52	7,455.52	65.00	115.692		
1,800.00	1,743.63	1,747.63	1,747.63	9.65	59.36	115.69	-1,224.83	-7,269.04	7,536.05	7,467.21	68.84	109.478		
1,900.00	1,837.60	1,841.60	1,841.60	10.24	62.63	115.91	-1,224.83	-7,269.04	7,551.69	7,479.02	72.67	103.911		
2,000.00	1,931.57	1,935.57	1,935.57	10.83	65.91	116.13	-1,224.83	-7,269.04	7,567.46	7,490.94	76.52	98.897		
2,100.00	2,025.54	2,029.54	2,029.54	11.43	69.18	116.35	-1,224.83	-7,269.04	7,583.35	7,502.98	80.37	94.359		
2,200.00	2,119.51	2,123.51	2,123.51	12.03	72.46	116.57	-1,224.83	-7,269.04	7,599.36	7,515.14	84.22	90.234		
2,300.00	2,213.48	2,217.48	2,217.48	12.64	75.74	116.79	-1,224.83	-7,269.04	7,615.49	7,527.42	88.07	86.467		
2,400.00	2,307.45	2,311.45	2,311.45	13.25	79.02	117.01	-1,224.83	-7,269.04	7,631.74	7,539.81	91.93	83.015		
2,500.00	2,401.42	2,405.42	2,405.42	13.87	82.29	117.23	-1,224.83	-7,269.04	7,648.11	7,552.31	95.79	79.841		
2,600.00	2,495.39	2,500.61	2,499.39	14.48	85.61	117.44	-1,224.83	-7,269.04	7,664.59	7,564.89	99.70	76.879		
2,700.00	2,589.35	2,606.65	2,593.35	15.10	89.31	117.66	-1,224.83	-7,269.04	7,681.19	7,577.21	103.98	73.872		
2,800.00	2,683.32	2,687.32	2,687.32	15.72	92.13	117.87	-1,224.83	-7,269.04	7,697.91	7,590.53	107.38	71.688		
2,900.00	2,777.29	2,781.29	2,781.29	16.34	95.41	118.09	-1,224.83	-7,269.04	7,714.74	7,603.50	111.25	69.348		
3,000.00	2,871.26	2,875.26	2,875.26	16.97	98.68	118.30	-1,224.83	-7,269.04	7,731.69	7,616.58	115.11	67.167		
3,100.00	2,965.23	2,969.23	2,969.23	17.59	101.96	118.51	-1,224.83	-7,269.04	7,748.76	7,629.78	118.98	65.127		
3,200.00	3,059.20	3,063.20	3,063.20	18.22	105.24	118.73	-1,224.83	-7,269.04	7,765.93	7,643.08	122.85	63.217		
3,300.00	3,153.17	3,157.17	3,157.17	18.84	108.52	118.94	-1,224.83	-7,269.04	7,783.22	7,656.50	126.71	61.424		
3,400.00	3,247.14	3,251.14	3,251.14	19.47	111.80	119.15	-1,224.83	-7,269.04	7,800.62	7,670.04	130.58	59.738		
3,500.00	3,341.11	3,345.11	3,345.11	20.10	115.08	119.36	-1,224.83	-7,269.04	7,818.13	7,683.68	134.45	58.149		
3,600.00	3,435.08	3,439.08	3,439.08	20.73	118.36	119.56	-1,224.83	-7,269.04	7,835.75	7,697.43	138.32	56.651		
3,700.00	3,529.05	3,533.05	3,533.05	21.36	121.64	119.77	-1,224.83	-7,269.04	7,853.48	7,711.29	142.18	55.234		
3,800.00	3,623.02	3,627.02	3,627.02	21.99	124.92	119.98	-1,224.83	-7,269.04	7,871.32	7,725.26	146.05	53.894		
3,900.00	3,716.99	3,720.99	3,720.99	22.62	128.20	120.18	-1,224.83	-7,269.04	7,889.26	7,739.34	149.92	52.623		
4,000.00	3,810.95	3,814.95	3,814.95	23.25	131.48	120.39	-1,224.83	-7,269.04	7,907.32	7,753.53	153.79	51.417		
4,100.00	3,904.92	3,908.92	3,908.92	23.88	134.76	120.59	-1,224.83	-7,269.04	7,925.48	7,767.82	157.65	50.271		
4,200.00	3,998.89	4,002.89	4,002.89	24.52	138.03	120.79	-1,224.83	-7,269.04	7,943.74	7,782.22	161.52	49.181		
4,300.00	4,092.86	4,103.14	4,096.86	25.15	141.53	121.00	-1,224.83	-7,269.04	7,962.11	7,796.51	165.61	48.079		
4,400.00	4,186.83	4,209.17	4,190.83	25.78	145.23	121.20	-1,224.83	-7,269.04	7,980.59	7,810.70	169.89	46.974		
4,500.00	4,280.80	4,284.80	4,284.80	26.42	147.87	121.40	-1,224.83	-7,269.04	7,999.17	7,826.05	173.12	46.206		
4,600.00	4,374.77	4,378.77	4,378.77	27.05	151.15	121.60	-1,224.83	-7,269.04	8,017.85	7,840.87	176.98	45.303		
4,700.00	4,468.74	4,472.74	4,472.74	27.68	154.43	121.80	-1,224.83	-7,269.04	8,036.63	7,855.78	180.85	44.439		
4,800.00	4,562.71	4,566.71	4,566.71	28.32	157.71	121.99	-1,224.83	-7,269.04	8,055.52	7,870.81	184.71	43.611		
4,900.00	4,656.68	4,660.68	4,660.68	28.95	160.99	122.19	-1,224.83	-7,269.04	8,074.50	7,885.93	188.58	42.819		
5,000.00	4,750.65	4,754.65	4,754.65	29.59	164.27	122.39	-1,224.83	-7,269.04	8,093.59	7,901.15	192.44	42.058		
5,100.00	4,844.62	4,848.62	4,848.62	30.23	167.55	122.58	-1,224.83	-7,269.04	8,112.77	7,916.47	196.30	41.328		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 - Montera #10-34(PR) - OH - OH		Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor				
5,200.00	4,938.59	4,942.59	4,942.59	30.86	170.83	122.78	-1,224.83	-7,269.04	8,132.06	7,931.89	200.16	40.627				
5,300.00	5,032.56	5,036.56	5,036.56	31.50	174.11	122.97	-1,224.83	-7,269.04	8,151.44	7,947.41	204.02	39.953				
5,400.00	5,126.52	5,130.52	5,130.52	32.13	177.39	123.16	-1,224.83	-7,269.04	8,170.92	7,963.03	207.88	39.305				
5,500.00	5,220.49	5,224.49	5,224.49	32.77	180.67	123.36	-1,224.83	-7,269.04	8,190.49	7,978.75	211.75	38.681				
5,600.00	5,314.46	5,318.46	5,318.46	33.41	183.95	123.55	-1,224.83	-7,269.04	8,210.16	7,994.56	215.60	38.080				
5,700.00	5,408.43	5,412.43	5,412.43	34.04	187.23	123.74	-1,224.83	-7,269.04	8,229.93	8,010.47	219.46	37.500				
5,800.00	5,502.40	5,506.40	5,506.40	34.68	190.51	123.93	-1,224.83	-7,269.04	8,249.79	8,026.47	223.32	36.941				
5,900.00	5,596.37	5,600.37	5,600.37	35.32	193.79	124.12	-1,224.83	-7,269.04	8,269.75	8,042.56	227.18	36.402				
6,000.00	5,690.34	5,705.66	5,694.34	35.96	197.47	124.30	-1,224.83	-7,269.04	8,289.79	8,058.36	231.43	35.819				
6,100.00	5,784.31	5,788.31	5,788.31	36.59	200.35	124.49	-1,224.83	-7,269.04	8,309.93	8,075.04	234.89	35.377				
6,200.00	5,878.28	5,882.28	5,882.28	37.23	203.63	124.68	-1,224.83	-7,269.04	8,330.16	8,091.41	238.75	34.891				
6,300.00	5,972.25	5,976.25	5,976.25	37.87	206.91	124.86	-1,224.83	-7,269.04	8,350.49	8,107.88	242.61	34.420				
6,400.00	6,066.22	6,070.22	6,070.22	38.51	210.19	125.05	-1,224.83	-7,269.04	8,370.90	8,124.44	246.46	33.965				
6,500.00	6,160.19	6,164.19	6,164.19	39.14	213.47	125.23	-1,224.83	-7,269.04	8,391.40	8,141.09	250.31	33.523				
6,600.00	6,254.16	6,258.16	6,258.16	39.78	216.75	125.41	-1,224.83	-7,269.04	8,411.99	8,157.83	254.17	33.096				
6,700.00	6,348.13	6,352.13	6,352.13	40.42	220.03	125.59	-1,224.83	-7,269.04	8,432.67	8,174.65	258.02	32.682				
6,800.00	6,442.09	6,446.09	6,446.09	41.06	223.31	125.77	-1,224.83	-7,269.04	8,453.44	8,191.57	261.87	32.281				
6,869.92	6,507.80	6,511.80	6,511.80	41.51	225.61	125.90	-1,224.83	-7,269.04	8,468.02	8,203.45	264.57	32.007				
6,900.00	6,536.18	6,540.18	6,540.18	41.69	226.60	119.14	-1,224.83	-7,269.04	8,473.60	8,207.88	265.72	31.889				
6,950.00	6,583.76	6,587.76	6,587.76	41.98	228.26	106.01	-1,224.83	-7,269.04	8,479.81	8,212.16	267.65	31.682				
7,000.00	6,631.58	6,635.58	6,635.58	42.23	229.93	91.45	-1,224.83	-7,269.04	8,482.14	8,212.57	269.57	31.466				
7,050.00	6,679.34	6,683.34	6,683.34	42.44	231.59	77.27	-1,224.83	-7,269.04	8,480.58	8,209.13	271.45	31.242				
7,100.00	6,726.76	6,730.76	6,730.76	42.62	233.25	65.05	-1,224.83	-7,269.04	8,475.14	8,201.85	273.29	31.011				
7,150.00	6,773.53	6,777.53	6,777.53	42.78	234.88	55.37	-1,224.83	-7,269.04	8,465.85	8,190.78	275.07	30.777				
7,200.00	6,819.38	6,823.38	6,823.38	42.91	236.48	48.01	-1,224.83	-7,269.04	8,452.78	8,175.99	276.79	30.538				
7,250.00	6,864.01	6,868.01	6,868.01	43.03	238.04	42.47	-1,224.83	-7,269.04	8,436.01	8,157.57	278.44	30.298				
7,300.00	6,907.16	6,911.16	6,911.16	43.14	239.55	38.32	-1,224.83	-7,269.04	8,415.63	8,135.62	280.01	30.055				
7,350.00	6,948.56	6,952.56	6,952.56	43.24	240.99	35.20	-1,224.83	-7,269.04	8,391.77	8,110.28	281.49	29.812				
7,400.00	6,987.94	7,008.06	6,991.94	43.35	242.93	32.89	-1,224.83	-7,269.04	8,364.58	8,081.13	283.45	29.510				
7,450.00	7,025.08	7,029.08	7,029.08	43.46	243.66	31.20	-1,224.83	-7,269.04	8,334.22	8,050.04	284.18	29.327				
7,500.00	7,059.73	7,063.73	7,063.73	43.57	244.87	30.05	-1,224.83	-7,269.04	8,300.89	8,015.51	285.38	29.088				
7,550.00	7,091.70	7,104.31	7,095.70	43.70	246.29	29.37	-1,224.83	-7,269.04	8,264.77	7,978.00	286.77	28.821				
7,600.00	7,120.77	7,124.77	7,124.77	43.84	247.00	29.14	-1,224.83	-7,269.04	8,226.10	7,938.65	287.45	28.618				
7,650.00	7,146.77	7,150.77	7,150.77	44.00	247.91	29.39	-1,224.83	-7,269.04	8,185.10	7,896.79	288.31	28.389				
7,700.00	7,169.54	7,173.54	7,173.54	44.18	248.70	30.20	-1,224.83	-7,269.04	8,142.03	7,852.97	289.07	28.167				
7,750.00	7,188.94	7,207.06	7,192.94	44.38	249.88	31.75	-1,224.83	-7,269.04	8,097.16	7,806.96	290.20	27.902				
7,800.00	7,204.85	7,208.85	7,208.85	44.61	249.94	34.40	-1,224.83	-7,269.04	8,050.74	7,760.52	290.22	27.740				
7,850.00	7,217.17	7,221.17	7,221.17	44.88	250.37	38.91	-1,224.83	-7,269.04	8,003.08	7,712.46	290.61	27.539				
7,900.00	7,225.83	7,229.83	7,229.83	45.17	250.67	47.08	-1,224.83	-7,269.04	7,954.45	7,663.56	290.88	27.346				
7,950.00	7,230.77	7,234.77	7,234.77	45.50	250.84	63.62	-1,224.83	-7,269.04	7,905.15	7,614.12	291.03	27.162				
7,985.49	7,232.00	7,236.00	7,236.00	45.75	250.89	85.72	-1,224.83	-7,269.04	7,869.92	7,578.85	291.07	27.038				
8,000.00	7,232.12	7,236.12	7,236.12	45.86	250.89	85.72	-1,224.83	-7,269.04	7,855.50	7,564.43	291.07	26.988				
8,100.00	7,232.93	7,236.93	7,236.93	46.71	250.92	85.78	-1,224.83	-7,269.04	7,756.09	7,465.01	291.08	26.646				
8,200.00	7,233.74	7,237.74	7,237.74	47.73	250.95	85.83	-1,224.83	-7,269.04	7,656.69	7,365.60	291.09	26.304				
8,300.00	7,234.54	7,238.54	7,238.54	48.94	250.97	85.89	-1,224.83	-7,269.04	7,557.31	7,266.21	291.10	25.961				
8,400.00	7,235.35	7,239.35	7,239.35	50.32	251.00	85.94	-1,224.83	-7,269.04	7,457.95	7,166.83	291.12	25.618				
8,500.00	7,236.16	7,240.16	7,240.16	51.86	251.03	86.00	-1,224.83	-7,269.04	7,358.60	7,067.46	291.14	25.275				
8,600.00	7,236.97	7,240.97	7,240.97	53.54	251.06	86.05	-1,224.83	-7,269.04	7,259.27	6,968.10	291.17	24.931				
8,700.00	7,237.77	7,241.77	7,241.77	55.33	251.09	86.11	-1,224.83	-7,269.04	7,159.96	6,868.76	291.20	24.588				
8,800.00	7,238.58	7,242.58	7,242.58	57.24	251.11	86.16	-1,224.83	-7,269.04	7,060.67	6,769.44	291.24	24.244				
8,900.00	7,239.39	7,243.39	7,243.39	59.24	251.14	86.22	-1,224.83	-7,269.04	6,961.40	6,670.13	291.28	23.899				
9,000.00	7,240.20	7,244.20	7,244.20	61.31	251.17	86.27	-1,224.83	-7,269.04	6,862.16	6,570.83	291.33	23.555				

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,245.01	7,245.01	63.46	251.20	86.32	-1,224.83	-7,269.04	6,762.93	6,471.55	291.38	23.210		
9,200.00	7,241.81	7,245.81	7,245.81	65.67	251.23	86.38	-1,224.83	-7,269.04	6,663.73	6,372.29	291.44	22.865		
9,300.00	7,242.62	7,246.62	7,246.62	67.93	251.26	86.43	-1,224.83	-7,269.04	6,564.55	6,273.04	291.50	22.520		
9,400.00	7,243.43	7,247.43	7,247.43	70.25	251.28	86.49	-1,224.83	-7,269.04	6,465.39	6,173.81	291.58	22.174		
9,500.00	7,244.24	7,248.24	7,248.24	72.60	251.31	86.54	-1,224.83	-7,269.04	6,366.26	6,074.60	291.66	21.828		
9,600.00	7,245.04	7,249.04	7,249.04	74.99	251.34	86.60	-1,224.83	-7,269.04	6,267.16	5,975.41	291.75	21.481		
9,700.00	7,245.85	7,249.85	7,249.85	77.42	251.37	86.65	-1,224.83	-7,269.04	6,168.09	5,876.24	291.85	21.134		
9,800.00	7,246.66	7,250.66	7,250.66	79.87	251.40	86.71	-1,224.83	-7,269.04	6,069.05	5,777.09	291.96	20.787		
9,900.00	7,247.47	7,251.47	7,251.47	82.36	251.43	86.76	-1,224.83	-7,269.04	5,970.04	5,677.96	292.08	20.440		
10,000.00	7,248.28	7,252.28	7,252.28	84.87	251.45	86.82	-1,224.83	-7,269.04	5,871.07	5,578.85	292.21	20.092		
10,100.00	7,249.08	7,253.08	7,253.08	87.40	251.48	86.87	-1,224.83	-7,269.04	5,772.13	5,479.77	292.36	19.743		
10,200.00	7,249.89	7,253.89	7,253.89	89.95	251.51	86.93	-1,224.83	-7,269.04	5,673.22	5,380.71	292.52	19.395		
10,300.00	7,250.70	7,254.70	7,254.70	92.52	251.54	86.98	-1,224.83	-7,269.04	5,574.36	5,281.67	292.69	19.045		
10,400.00	7,251.51	7,255.51	7,255.51	95.11	251.57	87.04	-1,224.83	-7,269.04	5,475.53	5,182.66	292.88	18.696		
10,500.00	7,252.31	7,256.31	7,256.31	97.71	251.59	87.09	-1,224.83	-7,269.04	5,376.75	5,083.67	293.08	18.346		
10,600.00	7,253.12	7,257.12	7,257.12	100.33	251.62	87.14	-1,224.83	-7,269.04	5,278.02	4,984.72	293.30	17.995		
10,700.00	7,253.93	7,257.93	7,257.93	102.96	251.65	87.20	-1,224.83	-7,269.04	5,179.34	4,885.79	293.55	17.644		
10,800.00	7,254.74	7,258.74	7,258.74	105.61	251.68	87.25	-1,224.83	-7,269.04	5,080.70	4,786.89	293.81	17.292		
10,900.00	7,255.55	7,259.55	7,259.55	108.26	251.71	87.31	-1,224.83	-7,269.04	4,982.12	4,688.02	294.10	16.940		
11,000.00	7,256.35	7,260.35	7,260.35	110.92	251.74	87.36	-1,224.83	-7,269.04	4,883.60	4,589.19	294.41	16.588		
11,100.00	7,257.16	7,261.16	7,261.16	113.60	251.76	87.42	-1,224.83	-7,269.04	4,785.14	4,490.39	294.75	16.235		
11,200.00	7,257.97	7,261.97	7,261.97	116.28	251.79	87.47	-1,224.83	-7,269.04	4,686.74	4,391.63	295.11	15.881		
11,300.00	7,258.78	7,262.78	7,262.78	118.97	251.82	87.53	-1,224.83	-7,269.04	4,588.41	4,292.90	295.51	15.527		
11,400.00	7,259.58	7,263.58	7,263.58	121.67	251.85	87.58	-1,224.83	-7,269.04	4,490.16	4,194.21	295.95	15.172		
11,500.00	7,260.39	7,264.39	7,264.39	124.38	251.88	87.64	-1,224.83	-7,269.04	4,391.99	4,095.57	296.42	14.817		
11,600.00	7,261.20	7,265.20	7,265.20	127.09	251.90	87.69	-1,224.83	-7,269.04	4,293.90	3,996.97	296.93	14.461		
11,700.00	7,262.01	7,266.01	7,266.01	129.81	251.93	87.75	-1,224.83	-7,269.04	4,195.89	3,898.41	297.48	14.105		
11,800.00	7,262.82	7,266.82	7,266.82	132.53	251.96	87.80	-1,224.83	-7,269.04	4,097.99	3,799.90	298.09	13.748		
11,900.00	7,263.62	7,267.62	7,267.62	135.26	251.99	87.86	-1,224.83	-7,269.04	4,000.19	3,701.45	298.74	13.390		
12,000.00	7,264.43	7,268.43	7,268.43	138.00	252.02	87.91	-1,224.83	-7,269.04	3,902.50	3,603.05	299.45	13.032		
12,100.00	7,265.24	7,269.24	7,269.24	140.74	252.05	87.97	-1,224.83	-7,269.04	3,804.93	3,504.70	300.23	12.674		
12,200.00	7,266.05	7,270.05	7,270.05	143.49	252.07	88.02	-1,224.83	-7,269.04	3,707.49	3,406.42	301.07	12.315		
12,300.00	7,266.86	7,270.86	7,270.86	146.24	252.10	88.08	-1,224.83	-7,269.04	3,610.19	3,308.21	301.98	11.955		
12,400.00	7,267.66	7,271.66	7,271.66	148.99	252.13	88.13	-1,224.83	-7,269.04	3,513.04	3,210.07	302.97	11.595		
12,500.00	7,268.47	7,272.47	7,272.47	151.75	252.16	88.19	-1,224.83	-7,269.04	3,416.06	3,112.01	304.05	11.235		
12,600.00	7,269.28	7,273.28	7,273.28	154.51	252.19	88.24	-1,224.83	-7,269.04	3,319.25	3,014.02	305.23	10.875		
12,700.00	7,270.09	7,274.09	7,274.09	157.27	252.21	88.29	-1,224.83	-7,269.04	3,222.64	2,916.14	306.51	10.514		
12,800.00	7,270.89	7,274.89	7,274.89	160.04	252.24	88.35	-1,224.83	-7,269.04	3,126.24	2,818.34	307.90	10.153		
12,900.00	7,271.70	7,275.70	7,275.70	162.81	252.27	88.40	-1,224.83	-7,269.04	3,030.08	2,720.66	309.42	9.793		
13,000.00	7,272.51	7,276.51	7,276.51	165.58	252.30	88.46	-1,224.83	-7,269.04	2,934.17	2,623.10	311.07	9.432		
13,100.00	7,273.32	7,277.32	7,277.32	168.36	252.33	88.51	-1,224.83	-7,269.04	2,838.55	2,525.67	312.88	9.072		
13,200.00	7,274.13	7,278.13	7,278.13	171.14	252.36	88.57	-1,224.83	-7,269.04	2,743.23	2,428.38	314.85	8.713		
13,300.00	7,274.93	7,278.93	7,278.93	173.92	252.38	88.62	-1,224.83	-7,269.04	2,648.26	2,331.26	317.01	8.354		
13,400.00	7,275.74	7,279.74	7,279.74	176.71	252.41	88.68	-1,224.83	-7,269.04	2,553.68	2,234.31	319.36	7.996		
13,500.00	7,276.55	7,280.55	7,280.55	179.49	252.44	88.73	-1,224.83	-7,269.04	2,459.52	2,137.58	321.94	7.640		
13,555.88	7,277.00	7,281.00	7,281.00	181.05	252.46	88.76	-1,224.83	-7,269.04	2,407.11	2,083.62	323.49	7.441	CC, ES, SF	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-86.37	353.63	-5,575.25	5,586.45					
100.00	100.00	110.00	110.00	3.28	3.89	-86.37	353.63	-5,575.25	5,586.45	5,579.28	7.18	778.443		
200.00	200.00	210.00	210.00	3.34	6.48	-86.37	353.63	-5,575.25	5,586.45	5,576.64	9.81	569.205		
300.00	299.98	309.98	309.98	3.44	9.65	-86.37	353.63	-5,575.25	5,587.52	5,574.43	13.09	426.839		
400.00	399.84	409.84	409.84	3.59	12.98	-86.37	353.63	-5,575.25	5,590.72	5,574.15	16.57	337.312		
500.00	499.45	509.45	509.45	3.79	16.37	-86.37	353.63	-5,575.25	5,596.06	5,575.90	20.16	277.548		
600.00	598.70	608.70	608.70	4.04	19.78	-86.37	353.63	-5,575.25	5,603.54	5,579.73	23.81	235.313		
700.00	697.47	707.47	707.47	4.32	23.19	-86.37	353.63	-5,575.25	5,613.16	5,585.66	27.50	204.083		
800.00	795.62	805.62	805.62	4.64	26.58	-86.37	353.63	-5,575.25	5,624.94	5,593.72	31.22	180.161		
900.00	893.06	903.06	903.06	5.01	29.96	-86.37	353.63	-5,575.25	5,638.88	5,603.92	34.96	161.317		
1,000.00	989.64	1,000.36	999.64	5.41	33.34	-86.37	353.63	-5,575.25	5,654.98	5,616.26	38.72	146.042		
1,100.00	1,085.27	1,104.73	1,095.27	5.85	36.97	-86.37	353.63	-5,575.25	5,673.25	5,630.48	42.77	132.649		
1,200.00	1,179.82	1,189.82	1,189.82	6.33	39.93	-86.37	353.63	-5,575.25	5,693.71	5,647.53	46.18	123.296		
1,300.00	1,273.78	1,283.78	1,283.78	6.85	43.20	-86.37	353.63	-5,575.25	5,715.32	5,665.40	49.92	114.483		
1,400.00	1,367.75	1,377.75	1,377.75	7.38	46.47	-86.37	353.63	-5,575.25	5,737.06	5,683.38	53.68	106.871		
1,500.00	1,461.72	1,471.72	1,471.72	7.93	49.74	-86.37	353.63	-5,575.25	5,758.92	5,701.46	57.46	100.231		
1,600.00	1,555.69	1,565.69	1,565.69	8.49	53.01	-86.37	353.63	-5,575.25	5,780.89	5,719.65	61.24	94.394		
1,700.00	1,649.66	1,659.66	1,659.66	9.07	56.29	-86.37	353.63	-5,575.25	5,802.99	5,737.95	65.04	89.226		
1,800.00	1,743.63	1,753.63	1,753.63	9.65	59.56	-86.37	353.63	-5,575.25	5,825.20	5,756.36	68.84	84.620		
1,900.00	1,837.60	1,847.60	1,847.60	10.24	62.84	-86.37	353.63	-5,575.25	5,847.53	5,774.88	72.65	80.490		
2,000.00	1,931.57	1,941.57	1,941.57	10.83	66.12	-86.37	353.63	-5,575.25	5,869.97	5,793.51	76.46	76.769		
2,100.00	2,025.54	2,035.54	2,035.54	11.43	69.39	-86.37	353.63	-5,575.25	5,892.53	5,812.25	80.28	73.399		
2,200.00	2,119.51	2,129.51	2,129.51	12.03	72.67	-86.37	353.63	-5,575.25	5,915.20	5,831.09	84.10	70.333		
2,300.00	2,213.48	2,223.48	2,223.48	12.64	75.95	-86.37	353.63	-5,575.25	5,937.97	5,850.05	87.93	67.533		
2,400.00	2,307.45	2,317.45	2,317.45	13.25	79.22	-86.37	353.63	-5,575.25	5,960.86	5,869.11	91.75	64.966		
2,500.00	2,401.42	2,411.42	2,411.42	13.87	82.50	-86.37	353.63	-5,575.25	5,983.85	5,888.27	95.58	62.604		
2,600.00	2,495.39	2,505.39	2,505.39	14.48	85.78	-86.37	353.63	-5,575.25	6,006.96	5,907.54	99.41	60.425		
2,700.00	2,589.35	2,599.35	2,599.35	15.10	89.10	-86.37	353.63	-5,575.25	6,030.16	5,926.88	103.29	58.382		
2,800.00	2,683.32	2,693.32	2,693.32	15.72	92.80	-86.37	353.63	-5,575.25	6,053.47	5,945.93	107.54	56.290		
2,900.00	2,777.29	2,787.29	2,787.29	16.34	95.62	-86.37	353.63	-5,575.25	6,076.89	5,965.98	110.91	54.792		
3,000.00	2,871.26	2,881.26	2,881.26	16.97	98.89	-86.37	353.63	-5,575.25	6,100.40	5,985.66	114.74	53.167		
3,100.00	2,965.23	2,975.23	2,975.23	17.59	102.17	-86.37	353.63	-5,575.25	6,124.02	6,005.45	118.57	51.647		
3,200.00	3,059.20	3,069.20	3,069.20	18.22	105.45	-86.37	353.63	-5,575.25	6,147.74	6,025.33	122.41	50.223		
3,300.00	3,153.17	3,163.17	3,163.17	18.84	108.73	-86.37	353.63	-5,575.25	6,171.55	6,045.31	126.24	48.887		
3,400.00	3,247.14	3,257.14	3,257.14	19.47	112.01	-86.37	353.63	-5,575.25	6,195.47	6,065.39	130.08	47.629		
3,500.00	3,341.11	3,351.11	3,351.11	20.10	115.29	-86.37	353.63	-5,575.25	6,219.47	6,085.56	133.91	46.445		
3,600.00	3,435.08	3,445.08	3,445.08	20.73	118.57	-86.37	353.63	-5,575.25	6,243.58	6,105.83	137.74	45.327		
3,700.00	3,529.05	3,539.05	3,539.05	21.36	121.85	-86.37	353.63	-5,575.25	6,267.77	6,126.20	141.58	44.271		
3,800.00	3,623.02	3,633.02	3,633.02	21.99	125.13	-86.37	353.63	-5,575.25	6,292.06	6,146.65	145.41	43.271		
3,900.00	3,716.99	3,726.99	3,726.99	22.62	128.41	-86.37	353.63	-5,575.25	6,316.45	6,167.20	149.24	42.323		
4,000.00	3,810.95	3,820.95	3,820.95	23.25	131.69	-86.37	353.63	-5,575.25	6,340.92	6,187.84	153.08	41.423		
4,100.00	3,904.92	3,914.92	3,914.92	23.88	134.96	-86.37	353.63	-5,575.25	6,365.48	6,208.57	156.91	40.568		
4,200.00	3,998.89	4,008.89	4,008.89	24.52	138.24	-86.37	353.63	-5,575.25	6,390.13	6,229.39	160.74	39.754		
4,300.00	4,092.86	4,102.86	4,102.86	25.15	141.52	-86.37	353.63	-5,575.25	6,414.87	6,250.30	164.57	38.979		
4,400.00	4,186.83	4,203.17	4,196.83	25.78	145.02	-86.37	353.63	-5,575.25	6,439.70	6,271.07	168.63	38.189		
4,500.00	4,280.80	4,309.20	4,290.80	26.42	148.73	-86.37	353.63	-5,575.25	6,464.61	6,291.73	172.88	37.394		
4,600.00	4,374.77	4,384.77	4,384.77	27.05	151.36	-86.37	353.63	-5,575.25	6,489.60	6,313.54	176.07	36.859		
4,700.00	4,468.74	4,478.74	4,478.74	27.68	154.64	-86.37	353.63	-5,575.25	6,514.68	6,334.79	179.90	36.214		
4,800.00	4,562.71	4,572.71	4,572.71	28.32	157.92	-86.37	353.63	-5,575.25	6,539.84	6,356.12	183.73	35.596		
4,900.00	4,656.68	4,666.68	4,666.68	28.95	161.20	-86.37	353.63	-5,575.25	6,565.09	6,377.53	187.55	35.004		
5,000.00	4,750.65	4,760.65	4,760.65	29.59	164.48	-86.37	353.63	-5,575.25	6,590.41	6,399.03	191.38	34.436		
5,100.00	4,844.62	4,854.62	4,854.62	30.23	167.76	-86.37	353.63	-5,575.25	6,615.82	6,420.61	195.21	33.891		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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 - Montera #10-43(SI) - OH - OH		Offset Site Error: 0.00 ft	
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error: 3.28 ft			
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor				
5,200.00	4,938.59	4,948.59	4,948.59	30.86	171.04	136.49	353.63	-5,575.25	6,641.30	6,442.26	199.04	33.367				
5,300.00	5,032.56	5,042.56	5,042.56	31.50	174.32	136.69	353.63	-5,575.25	6,666.86	6,464.00	202.86	32.864				
5,400.00	5,126.52	5,136.52	5,136.52	32.13	177.60	136.88	353.63	-5,575.25	6,692.50	6,485.81	206.69	32.379				
5,500.00	5,220.49	5,230.49	5,230.49	32.77	180.88	137.07	353.63	-5,575.25	6,718.21	6,507.70	210.52	31.913				
5,600.00	5,314.46	5,324.46	5,324.46	33.41	184.16	137.27	353.63	-5,575.25	6,744.00	6,529.66	214.34	31.464				
5,700.00	5,408.43	5,418.43	5,418.43	34.04	187.44	137.46	353.63	-5,575.25	6,769.87	6,551.70	218.16	31.031				
5,800.00	5,502.40	5,512.40	5,512.40	34.68	190.72	137.65	353.63	-5,575.25	6,795.81	6,573.82	221.99	30.613				
5,900.00	5,596.37	5,606.37	5,606.37	35.32	194.00	137.84	353.63	-5,575.25	6,821.82	6,596.01	225.81	30.210				
6,000.00	5,690.34	5,700.34	5,700.34	35.96	197.28	138.02	353.63	-5,575.25	6,847.90	6,618.27	229.63	29.821				
6,100.00	5,784.31	5,805.69	5,794.31	36.59	200.96	138.21	353.63	-5,575.25	6,874.06	6,640.20	233.85	29.395				
6,200.00	5,878.28	5,888.28	5,888.28	37.23	203.84	138.39	353.63	-5,575.25	6,900.28	6,663.00	237.28	29.081				
6,300.00	5,972.25	5,982.25	5,982.25	37.87	207.12	138.58	353.63	-5,575.25	6,926.58	6,685.48	241.10	28.729				
6,400.00	6,066.22	6,076.22	6,076.22	38.51	210.40	138.76	353.63	-5,575.25	6,952.94	6,708.02	244.92	28.389				
6,500.00	6,160.19	6,170.19	6,170.19	39.14	213.68	138.94	353.63	-5,575.25	6,979.37	6,730.63	248.74	28.059				
6,600.00	6,254.16	6,264.16	6,264.16	39.78	216.96	139.12	353.63	-5,575.25	7,005.87	6,753.31	252.56	27.739				
6,700.00	6,348.13	6,358.13	6,358.13	40.42	220.24	139.30	353.63	-5,575.25	7,032.43	6,776.06	256.38	27.430				
6,800.00	6,442.09	6,452.09	6,452.09	41.06	223.52	139.47	353.63	-5,575.25	7,059.06	6,798.87	260.20	27.130				
6,869.92	6,507.80	6,517.80	6,517.80	41.51	225.82	139.59	353.63	-5,575.25	7,077.72	6,814.86	262.87	26.925				
6,900.00	6,536.18	6,546.18	6,546.18	41.69	226.81	132.66	353.63	-5,575.25	7,085.11	6,821.09	264.02	26.836				
6,950.00	6,583.76	6,606.24	6,593.76	41.98	228.90	119.32	353.63	-5,575.25	7,094.46	6,828.09	266.37	26.634				
7,000.00	6,631.58	6,641.58	6,641.58	42.23	230.14	104.63	353.63	-5,575.25	7,100.14	6,832.30	267.84	26.509				
7,050.00	6,679.34	6,689.34	6,689.34	42.44	231.80	90.40	353.63	-5,575.25	7,102.11	6,832.39	269.72	26.331				
7,100.00	6,726.76	6,736.76	6,736.76	42.62	233.46	78.22	353.63	-5,575.25	7,100.37	6,828.80	271.56	26.146				
7,150.00	6,773.53	6,783.53	6,783.53	42.78	235.09	68.66	353.63	-5,575.25	7,094.93	6,821.58	273.35	25.956				
7,200.00	6,819.38	6,829.38	6,829.38	42.91	236.69	61.49	353.63	-5,575.25	7,085.84	6,810.77	275.07	25.760				
7,250.00	6,864.01	6,874.01	6,874.01	43.03	238.25	56.23	353.63	-5,575.25	7,073.15	6,796.44	276.71	25.561				
7,300.00	6,907.16	6,917.16	6,917.16	43.14	239.76	52.44	353.63	-5,575.25	7,056.96	6,778.68	278.28	25.359				
7,350.00	6,948.56	6,958.56	6,958.56	43.24	241.20	49.80	353.63	-5,575.25	7,037.37	6,757.61	279.75	25.156				
7,400.00	6,987.94	7,002.06	6,997.94	43.35	242.72	48.06	353.63	-5,575.25	7,014.50	6,733.22	281.28	24.938				
7,450.00	7,025.08	7,035.08	7,035.08	43.46	243.87	47.09	353.63	-5,575.25	6,988.50	6,706.08	282.42	24.745				
7,500.00	7,059.73	7,069.73	7,069.73	43.57	245.08	46.78	353.63	-5,575.25	6,959.54	6,675.93	283.61	24.539				
7,550.00	7,091.70	7,101.70	7,101.70	43.70	246.20	47.10	353.63	-5,575.25	6,927.79	6,643.11	284.69	24.335				
7,600.00	7,120.77	7,130.77	7,130.77	43.84	247.21	48.06	353.63	-5,575.25	6,893.46	6,607.80	285.66	24.132				
7,650.00	7,146.77	7,156.77	7,156.77	44.00	248.12	49.69	353.63	-5,575.25	6,856.75	6,570.23	286.52	23.931				
7,700.00	7,169.54	7,179.54	7,179.54	44.18	248.91	52.08	353.63	-5,575.25	6,817.90	6,530.62	287.27	23.733				
7,750.00	7,188.94	7,201.06	7,198.94	44.38	249.67	55.35	353.63	-5,575.25	6,777.13	6,489.14	287.98	23.533				
7,800.00	7,204.85	7,214.85	7,214.85	44.61	250.15	59.70	353.63	-5,575.25	6,734.70	6,446.26	288.44	23.349				
7,850.00	7,217.17	7,227.17	7,227.17	44.88	250.58	65.36	353.63	-5,575.25	6,690.86	6,402.02	288.85	23.164				
7,900.00	7,225.83	7,235.83	7,235.83	45.17	250.88	72.56	353.63	-5,575.25	6,645.89	6,356.74	289.15	22.984				
7,950.00	7,230.77	7,240.77	7,240.77	45.50	251.05	81.47	353.63	-5,575.25	6,600.05	6,310.72	289.33	22.811				
7,985.49	7,232.00	7,242.00	7,242.00	45.75	251.09	88.82	353.63	-5,575.25	6,567.13	6,277.74	289.40	22.693				
8,000.00	7,232.12	7,242.12	7,242.12	45.86	251.10	88.83	353.63	-5,575.25	6,553.63	6,264.22	289.41	22.645				
8,100.00	7,232.93	7,242.93	7,242.93	46.71	251.13	88.84	353.63	-5,575.25	6,460.70	6,171.17	289.53	22.315				
8,200.00	7,233.74	7,243.74	7,243.74	47.73	251.16	88.86	353.63	-5,575.25	6,367.98	6,078.29	289.68	21.982				
8,300.00	7,234.54	7,244.54	7,244.54	48.94	251.18	88.88	353.63	-5,575.25	6,275.48	5,985.60	289.89	21.648				
8,400.00	7,235.35	7,245.35	7,245.35	50.32	251.21	88.90	353.63	-5,575.25	6,183.22	5,893.09	290.13	21.312				
8,500.00	7,236.16	7,246.16	7,246.16	51.86	251.24	88.92	353.63	-5,575.25	6,091.20	5,800.77	290.43	20.973				
8,600.00	7,236.97	7,246.97	7,246.97	53.54	251.27	88.94	353.63	-5,575.25	5,999.44	5,708.66	290.78	20.632				
8,700.00	7,237.77	7,247.77	7,247.77	55.33	251.30	88.96	353.63	-5,575.25	5,907.94	5,616.76	291.18	20.289				
8,800.00	7,238.58	7,248.58	7,248.58	57.24	251.32	88.98	353.63	-5,575.25	5,816.72	5,525.08	291.65	19.944				
8,900.00	7,239.39	7,249.39	7,249.39	59.24	251.35	89.00	353.63	-5,575.25	5,725.80	5,433.63	292.17	19.597				
9,000.00	7,240.20	7,250.20	7,250.20	61.31	251.38	89.02	353.63	-5,575.25	5,635.19	5,342.42	292.76	19.248				

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,251.01	7,251.01	63.46	251.41	89.04	353.63	-5,575.25	5,544.89	5,251.47	293.43	18.897		
9,200.00	7,241.81	7,251.81	7,251.81	65.67	251.44	89.06	353.63	-5,575.25	5,454.94	5,160.78	294.16	18.544		
9,300.00	7,242.62	7,252.62	7,252.62	67.93	251.47	89.08	353.63	-5,575.25	5,365.34	5,070.37	294.97	18.190		
9,400.00	7,243.43	7,253.43	7,253.43	70.25	251.49	89.09	353.63	-5,575.25	5,276.11	4,980.26	295.85	17.834		
9,500.00	7,244.24	7,254.24	7,254.24	72.60	251.52	89.11	353.63	-5,575.25	5,187.28	4,890.46	296.82	17.476		
9,600.00	7,245.04	7,255.04	7,255.04	74.99	251.55	89.13	353.63	-5,575.25	5,098.86	4,800.99	297.88	17.117		
9,700.00	7,245.85	7,255.85	7,255.85	77.42	251.58	89.15	353.63	-5,575.25	5,010.88	4,711.86	299.02	16.758		
9,800.00	7,246.66	7,256.66	7,256.66	79.87	251.61	89.17	353.63	-5,575.25	4,923.35	4,623.10	300.25	16.397		
9,900.00	7,247.47	7,257.47	7,257.47	82.36	251.63	89.19	353.63	-5,575.25	4,836.31	4,534.73	301.58	16.037		
10,000.00	7,248.28	7,258.28	7,258.28	84.87	251.66	89.21	353.63	-5,575.25	4,749.78	4,446.78	303.00	15.676		
10,100.00	7,249.08	7,259.08	7,259.08	87.40	251.69	89.23	353.63	-5,575.25	4,663.79	4,359.26	304.53	15.315		
10,200.00	7,249.89	7,259.89	7,259.89	89.95	251.72	89.25	353.63	-5,575.25	4,578.36	4,272.21	306.15	14.954		
10,300.00	7,250.70	7,260.70	7,260.70	92.52	251.75	89.27	353.63	-5,575.25	4,493.54	4,185.65	307.89	14.595		
10,400.00	7,251.51	7,261.51	7,261.51	95.11	251.78	89.29	353.63	-5,575.25	4,409.35	4,099.62	309.73	14.236		
10,500.00	7,252.31	7,262.31	7,262.31	97.71	251.80	89.31	353.63	-5,575.25	4,325.84	4,014.15	311.68	13.879		
10,600.00	7,253.12	7,263.12	7,263.12	100.33	251.83	89.33	353.63	-5,575.25	4,243.04	3,929.28	313.75	13.523		
10,700.00	7,253.93	7,263.93	7,263.93	102.96	251.86	89.35	353.63	-5,575.25	4,160.99	3,845.05	315.94	13.170		
10,800.00	7,254.74	7,264.74	7,264.74	105.61	251.89	89.36	353.63	-5,575.25	4,079.75	3,761.50	318.25	12.819		
10,900.00	7,255.55	7,265.55	7,265.55	108.26	251.92	89.38	353.63	-5,575.25	3,999.36	3,678.67	320.69	12.471		
11,000.00	7,256.35	7,266.35	7,266.35	110.92	251.94	89.40	353.63	-5,575.25	3,919.87	3,596.62	323.25	12.126		
11,100.00	7,257.16	7,267.16	7,267.16	113.60	251.97	89.42	353.63	-5,575.25	3,841.33	3,515.39	325.94	11.785		
11,200.00	7,257.97	7,267.97	7,267.97	116.28	252.00	89.44	353.63	-5,575.25	3,763.82	3,435.05	328.76	11.448		
11,300.00	7,258.78	7,268.78	7,268.78	118.97	252.03	89.46	353.63	-5,575.25	3,687.38	3,355.66	331.72	11.116		
11,400.00	7,259.58	7,269.58	7,269.58	121.67	252.06	89.48	353.63	-5,575.25	3,612.10	3,277.28	334.82	10.788		
11,500.00	7,260.39	7,270.39	7,270.39	124.38	252.09	89.50	353.63	-5,575.25	3,538.05	3,199.99	338.06	10.466		
11,600.00	7,261.20	7,271.20	7,271.20	127.09	252.11	89.52	353.63	-5,575.25	3,465.29	3,123.86	341.44	10.149		
11,700.00	7,262.01	7,272.01	7,272.01	129.81	252.14	89.54	353.63	-5,575.25	3,393.92	3,048.97	344.96	9.839		
11,800.00	7,262.82	7,272.82	7,272.82	132.53	252.17	89.56	353.63	-5,575.25	3,324.03	2,975.42	348.62	9.535		
11,900.00	7,263.62	7,273.62	7,273.62	135.26	252.20	89.58	353.63	-5,575.25	3,255.72	2,903.29	352.42	9.238		
12,000.00	7,264.43	7,274.43	7,274.43	138.00	252.23	89.60	353.63	-5,575.25	3,189.07	2,832.70	356.37	8.949		
12,100.00	7,265.24	7,275.24	7,275.24	140.74	252.25	89.62	353.63	-5,575.25	3,124.20	2,763.75	360.45	8.667		
12,200.00	7,266.05	7,276.05	7,276.05	143.49	252.28	89.63	353.63	-5,575.25	3,061.23	2,696.56	364.67	8.395		
12,300.00	7,266.86	7,276.86	7,276.86	146.24	252.31	89.65	353.63	-5,575.25	3,000.26	2,631.25	369.01	8.131		
12,400.00	7,267.66	7,277.66	7,277.66	148.99	252.34	89.67	353.63	-5,575.25	2,941.44	2,567.96	373.48	7.876		
12,500.00	7,268.47	7,278.47	7,278.47	151.75	252.37	89.69	353.63	-5,575.25	2,884.88	2,506.83	378.05	7.631		
12,600.00	7,269.28	7,279.28	7,279.28	154.51	252.40	89.71	353.63	-5,575.25	2,830.72	2,448.00	382.72	7.396		
12,700.00	7,270.09	7,280.09	7,280.09	157.27	252.42	89.73	353.63	-5,575.25	2,779.11	2,391.63	387.48	7.172		
12,800.00	7,270.89	7,280.89	7,280.89	160.04	252.45	89.75	353.63	-5,575.25	2,730.19	2,337.88	392.31	6.959		
12,900.00	7,271.70	7,281.70	7,281.70	162.81	252.48	89.77	353.63	-5,575.25	2,684.10	2,286.92	397.18	6.758		
13,000.00	7,272.51	7,282.51	7,282.51	165.58	252.51	89.79	353.63	-5,575.25	2,640.99	2,238.92	402.07	6.568		
13,100.00	7,273.32	7,283.32	7,283.32	168.36	252.54	89.81	353.63	-5,575.25	2,601.02	2,194.05	406.97	6.391		
13,200.00	7,274.13	7,284.13	7,284.13	171.14	252.57	89.83	353.63	-5,575.25	2,564.33	2,152.49	411.83	6.227		
13,300.00	7,274.93	7,284.93	7,284.93	173.92	252.59	89.85	353.63	-5,575.25	2,531.05	2,114.41	416.64	6.075		
13,400.00	7,275.74	7,285.74	7,285.74	176.71	252.62	89.87	353.63	-5,575.25	2,501.34	2,079.98	421.35	5.936		
13,500.00	7,276.55	7,286.55	7,286.55	179.49	252.65	89.88	353.63	-5,575.25	2,475.31	2,049.36	425.94	5.811		
13,555.88	7,277.00	7,287.00	7,287.00	181.05	252.67	89.90	353.63	-5,575.25	2,462.41	2,033.97	428.44	5.747	CC, ES, SF	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-86.83	178.71	-3,230.65	3,235.59					
100.00	100.00	116.00	116.00	3.28	4.01	-86.83	178.71	-3,230.65	3,235.59	3,228.30	7.29	443.653		
200.00	200.00	216.00	216.00	3.34	6.66	-86.83	178.71	-3,230.65	3,235.59	3,225.60	10.00	323.690		
300.00	299.98	315.98	315.98	3.44	9.85	127.23	178.71	-3,230.65	3,236.65	3,223.36	13.29	243.582		
400.00	399.84	415.84	415.84	3.59	13.19	127.25	178.71	-3,230.65	3,239.82	3,223.04	16.78	193.110		
500.00	499.45	515.45	515.45	3.79	16.58	127.29	178.71	-3,230.65	3,245.11	3,224.74	20.37	159.326		
600.00	598.70	614.70	614.70	4.04	19.98	127.34	178.71	-3,230.65	3,252.53	3,228.51	24.02	135.411		
700.00	697.47	713.47	713.47	4.32	23.39	127.41	178.71	-3,230.65	3,262.10	3,234.39	27.71	117.716		
800.00	795.62	811.62	811.62	4.64	26.79	127.48	178.71	-3,230.65	3,273.84	3,242.41	31.43	104.164		
900.00	893.06	909.06	909.06	5.01	30.17	127.56	178.71	-3,230.65	3,287.76	3,252.60	35.16	93.500		
1,000.00	989.64	1,005.64	1,005.64	5.41	33.52	127.65	178.71	-3,230.65	3,303.90	3,265.00	38.90	84.923		
1,100.00	1,085.27	1,101.27	1,101.27	5.85	36.85	127.75	178.71	-3,230.65	3,322.28	3,279.64	42.65	77.901		
1,200.00	1,179.82	1,204.18	1,195.82	6.33	40.43	127.84	178.71	-3,230.65	3,342.93	3,296.25	46.68	71.618		
1,300.00	1,273.78	1,289.78	1,289.78	6.85	43.41	128.28	178.71	-3,230.65	3,364.83	3,314.70	50.13	67.125		
1,400.00	1,367.75	1,383.75	1,383.75	7.38	46.68	128.72	178.71	-3,230.65	3,386.92	3,333.04	53.88	62.856		
1,500.00	1,461.72	1,477.72	1,477.72	7.93	49.95	129.15	178.71	-3,230.65	3,409.22	3,351.57	57.65	59.132		
1,600.00	1,555.69	1,571.69	1,571.69	8.49	53.22	129.58	178.71	-3,230.65	3,431.72	3,370.28	61.44	55.859		
1,700.00	1,649.66	1,665.66	1,665.66	9.07	56.50	130.00	178.71	-3,230.65	3,454.41	3,389.18	65.23	52.961		
1,800.00	1,743.63	1,759.63	1,759.63	9.65	59.77	130.42	178.71	-3,230.65	3,477.28	3,408.26	69.02	50.379		
1,900.00	1,837.60	1,853.60	1,853.60	10.24	63.05	130.83	178.71	-3,230.65	3,500.34	3,427.52	72.82	48.065		
2,000.00	1,931.57	1,947.57	1,947.57	10.83	66.33	131.24	178.71	-3,230.65	3,523.58	3,446.95	76.63	45.981		
2,100.00	2,025.54	2,041.54	2,041.54	11.43	69.60	131.64	178.71	-3,230.65	3,547.00	3,466.56	80.44	44.095		
2,200.00	2,119.51	2,135.51	2,135.51	12.03	72.88	132.04	178.71	-3,230.65	3,570.59	3,486.34	84.25	42.379		
2,300.00	2,213.48	2,229.48	2,229.48	12.64	76.16	132.43	178.71	-3,230.65	3,594.36	3,506.29	88.07	40.813		
2,400.00	2,307.45	2,323.45	2,323.45	13.25	79.43	132.82	178.71	-3,230.65	3,618.29	3,526.40	91.88	39.379		
2,500.00	2,401.42	2,417.42	2,417.42	13.87	82.71	133.20	178.71	-3,230.65	3,642.38	3,546.68	95.70	38.060		
2,600.00	2,495.39	2,511.39	2,511.39	14.48	85.99	133.58	178.71	-3,230.65	3,666.64	3,567.12	99.52	36.843		
2,700.00	2,589.35	2,605.35	2,605.35	15.10	89.27	133.95	178.71	-3,230.65	3,691.05	3,587.71	103.34	35.718		
2,800.00	2,683.32	2,700.68	2,699.32	15.72	92.59	134.32	178.71	-3,230.65	3,715.62	3,608.41	107.21	34.659		
2,900.00	2,777.29	2,806.71	2,793.29	16.34	96.29	134.68	178.71	-3,230.65	3,740.34	3,628.89	111.45	33.562		
3,000.00	2,871.26	2,887.26	2,887.26	16.97	99.10	135.04	178.71	-3,230.65	3,765.20	3,650.41	114.80	32.799		
3,100.00	2,965.23	2,981.23	2,981.23	17.59	102.38	135.39	178.71	-3,230.65	3,790.22	3,671.60	118.62	31.953		
3,200.00	3,059.20	3,075.20	3,075.20	18.22	105.66	135.74	178.71	-3,230.65	3,815.37	3,692.93	122.44	31.162		
3,300.00	3,153.17	3,169.17	3,169.17	18.84	108.94	136.09	178.71	-3,230.65	3,840.67	3,714.41	126.25	30.420		
3,400.00	3,247.14	3,263.14	3,263.14	19.47	112.22	136.43	178.71	-3,230.65	3,866.10	3,736.02	130.07	29.722		
3,500.00	3,341.11	3,357.11	3,357.11	20.10	115.50	136.77	178.71	-3,230.65	3,891.66	3,757.77	133.89	29.066		
3,600.00	3,435.08	3,451.08	3,451.08	20.73	118.78	137.10	178.71	-3,230.65	3,917.36	3,779.65	137.71	28.447		
3,700.00	3,529.05	3,545.05	3,545.05	21.36	122.06	137.43	178.71	-3,230.65	3,943.19	3,801.66	141.53	27.862		
3,800.00	3,623.02	3,639.02	3,639.02	21.99	125.34	137.76	178.71	-3,230.65	3,969.14	3,823.80	145.34	27.309		
3,900.00	3,716.99	3,732.99	3,732.99	22.62	128.62	138.08	178.71	-3,230.65	3,995.22	3,846.06	149.16	26.785		
4,000.00	3,810.95	3,826.95	3,826.95	23.25	131.89	138.39	178.71	-3,230.65	4,021.42	3,868.45	152.97	26.288		
4,100.00	3,904.92	3,920.92	3,920.92	23.88	135.17	138.71	178.71	-3,230.65	4,047.74	3,890.95	156.79	25.817		
4,200.00	3,998.89	4,014.89	4,014.89	24.52	138.45	139.02	178.71	-3,230.65	4,074.18	3,913.58	160.60	25.368		
4,300.00	4,092.86	4,108.86	4,108.86	25.15	141.73	139.32	178.71	-3,230.65	4,100.73	3,936.31	164.41	24.941		
4,400.00	4,186.83	4,202.83	4,202.83	25.78	145.01	139.62	178.71	-3,230.65	4,127.39	3,959.17	168.23	24.535		
4,500.00	4,280.80	4,303.20	4,296.80	26.42	148.52	139.92	178.71	-3,230.65	4,154.17	3,981.91	172.26	24.115		
4,600.00	4,374.77	4,409.23	4,390.77	27.05	152.22	140.22	178.71	-3,230.65	4,181.05	4,004.56	176.49	23.690		
4,700.00	4,468.74	4,484.74	4,484.74	27.68	154.85	140.51	178.71	-3,230.65	4,208.04	4,028.38	179.66	23.422		
4,800.00	4,562.71	4,578.71	4,578.71	28.32	158.13	140.79	178.71	-3,230.65	4,235.13	4,051.66	183.47	23.084		
4,900.00	4,656.68	4,672.68	4,672.68	28.95	161.41	141.08	178.71	-3,230.65	4,262.33	4,075.05	187.28	22.759		
5,000.00	4,750.65	4,766.65	4,766.65	29.59	164.69	141.36	178.71	-3,230.65	4,289.62	4,098.54	191.09	22.449		
5,100.00	4,844.62	4,860.62	4,860.62	30.23	167.97	141.64	178.71	-3,230.65	4,317.02	4,122.12	194.89	22.151		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,954.59	4,954.59	30.86	171.25	141.91	178.71	-3,230.65	4,344.51	4,145.81	198.70	21.865		
5,300.00	5,032.56	5,048.56	5,048.56	31.50	174.53	142.18	178.71	-3,230.65	4,372.09	4,169.59	202.51	21.590		
5,400.00	5,126.52	5,142.52	5,142.52	32.13	177.81	142.45	178.71	-3,230.65	4,399.77	4,193.46	206.31	21.326		
5,500.00	5,220.49	5,236.49	5,236.49	32.77	181.09	142.71	178.71	-3,230.65	4,427.54	4,217.42	210.12	21.072		
5,600.00	5,314.46	5,330.46	5,330.46	33.41	184.37	142.97	178.71	-3,230.65	4,455.40	4,241.48	213.92	20.827		
5,700.00	5,408.43	5,424.43	5,424.43	34.04	187.65	143.23	178.71	-3,230.65	4,483.35	4,265.62	217.72	20.592		
5,800.00	5,502.40	5,518.40	5,518.40	34.68	190.93	143.48	178.71	-3,230.65	4,511.38	4,289.85	221.53	20.365		
5,900.00	5,596.37	5,612.37	5,612.37	35.32	194.21	143.74	178.71	-3,230.65	4,539.50	4,314.17	225.33	20.146		
6,000.00	5,690.34	5,706.34	5,706.34	35.96	197.49	143.98	178.71	-3,230.65	4,567.70	4,338.57	229.13	19.935		
6,100.00	5,784.31	5,800.31	5,800.31	36.59	200.77	144.23	178.71	-3,230.65	4,595.98	4,363.05	232.93	19.731		
6,200.00	5,878.28	5,905.72	5,894.28	37.23	204.45	144.47	178.71	-3,230.65	4,624.34	4,387.21	237.13	19.501		
6,300.00	5,972.25	5,988.25	5,988.25	37.87	207.33	144.71	178.71	-3,230.65	4,652.78	4,412.25	240.53	19.344		
6,400.00	6,066.22	6,082.22	6,082.22	38.51	210.61	144.95	178.71	-3,230.65	4,681.30	4,436.97	244.33	19.159		
6,500.00	6,160.19	6,176.19	6,176.19	39.14	213.89	145.18	178.71	-3,230.65	4,709.89	4,461.76	248.13	18.981		
6,600.00	6,254.16	6,270.16	6,270.16	39.78	217.17	145.42	178.71	-3,230.65	4,738.56	4,486.63	251.93	18.809		
6,700.00	6,348.13	6,364.13	6,364.13	40.42	220.45	145.64	178.71	-3,230.65	4,767.30	4,511.57	255.73	18.642		
6,800.00	6,442.09	6,458.09	6,458.09	41.06	223.73	145.87	178.71	-3,230.65	4,796.11	4,536.59	259.53	18.480		
6,869.92	6,507.80	6,523.80	6,523.80	41.51	226.02	146.03	178.71	-3,230.65	4,816.30	4,554.12	262.18	18.370		
6,900.00	6,536.18	6,552.18	6,552.18	41.69	227.02	139.01	178.71	-3,230.65	4,824.37	4,561.05	263.33	18.321		
6,950.00	6,583.76	6,600.24	6,599.76	41.98	228.69	125.57	178.71	-3,230.65	4,835.01	4,569.76	265.25	18.228		
7,000.00	6,631.58	6,647.58	6,647.58	42.23	230.35	110.81	178.71	-3,230.65	4,842.15	4,575.01	267.13	18.126		
7,050.00	6,679.34	6,704.66	6,695.34	42.44	232.34	96.56	178.71	-3,230.65	4,845.74	4,576.41	269.33	17.992		
7,100.00	6,726.76	6,742.76	6,742.76	42.62	233.67	84.39	178.71	-3,230.65	4,845.79	4,574.94	270.84	17.892		
7,150.00	6,773.53	6,789.53	6,789.53	42.78	235.30	74.86	178.71	-3,230.65	4,842.30	4,569.67	272.62	17.762		
7,200.00	6,819.38	6,835.38	6,835.38	42.91	236.90	67.76	178.71	-3,230.65	4,835.31	4,560.97	274.34	17.625		
7,250.00	6,864.01	6,880.01	6,880.01	43.03	238.46	62.61	178.71	-3,230.65	4,824.88	4,548.90	275.98	17.483		
7,300.00	6,907.16	6,923.16	6,923.16	43.14	239.96	58.97	178.71	-3,230.65	4,811.10	4,533.56	277.54	17.335		
7,350.00	6,948.56	6,964.56	6,964.56	43.24	241.41	56.49	178.71	-3,230.65	4,794.05	4,515.04	279.01	17.182		
7,400.00	6,987.94	7,003.94	7,003.94	43.35	242.78	54.94	178.71	-3,230.65	4,773.87	4,493.47	280.39	17.026		
7,450.00	7,025.08	7,041.08	7,041.08	43.46	244.08	54.18	178.71	-3,230.65	4,750.68	4,469.00	281.68	16.866		
7,500.00	7,059.73	7,075.73	7,075.73	43.57	245.29	54.11	178.71	-3,230.65	4,724.65	4,441.79	282.86	16.703		
7,550.00	7,091.70	7,107.70	7,107.70	43.70	246.41	54.67	178.71	-3,230.65	4,695.94	4,412.00	283.94	16.539		
7,600.00	7,120.77	7,136.77	7,136.77	43.84	247.42	55.85	178.71	-3,230.65	4,664.74	4,379.83	284.92	16.372		
7,650.00	7,146.77	7,162.77	7,162.77	44.00	248.33	57.66	178.71	-3,230.65	4,631.26	4,345.47	285.79	16.205		
7,700.00	7,169.54	7,185.54	7,185.54	44.18	249.12	60.13	178.71	-3,230.65	4,595.70	4,309.15	286.55	16.038		
7,750.00	7,188.94	7,204.94	7,204.94	44.38	249.80	63.31	178.71	-3,230.65	4,558.29	4,271.07	287.21	15.871		
7,800.00	7,204.85	7,220.85	7,220.85	44.61	250.36	67.26	178.71	-3,230.65	4,519.26	4,231.49	287.77	15.704		
7,850.00	7,217.17	7,233.17	7,233.17	44.88	250.79	72.04	178.71	-3,230.65	4,478.84	4,190.62	288.22	15.540		
7,900.00	7,225.83	7,241.83	7,241.83	45.17	251.09	77.68	178.71	-3,230.65	4,437.29	4,148.72	288.57	15.377		
7,950.00	7,230.77	7,246.77	7,246.77	45.50	251.26	84.16	178.71	-3,230.65	4,394.85	4,106.04	288.81	15.217		
7,985.49	7,232.00	7,248.00	7,248.00	45.75	251.30	89.21	178.71	-3,230.65	4,364.32	4,075.40	288.92	15.106		
8,000.00	7,232.12	7,248.12	7,248.12	45.86	251.31	89.21	178.71	-3,230.65	4,351.80	4,062.84	288.95	15.060		
8,100.00	7,232.93	7,248.93	7,248.93	46.71	251.34	89.23	178.71	-3,230.65	4,265.81	3,976.57	289.24	14.748		
8,200.00	7,233.74	7,249.74	7,249.74	47.73	251.36	89.25	178.71	-3,230.65	4,180.44	3,890.84	289.61	14.435		
8,300.00	7,234.54	7,250.54	7,250.54	48.94	251.39	89.27	178.71	-3,230.65	4,095.74	3,805.66	290.08	14.120		
8,400.00	7,235.35	7,251.35	7,251.35	50.32	251.42	89.29	178.71	-3,230.65	4,011.74	3,721.09	290.65	13.803		
8,500.00	7,236.16	7,252.16	7,252.16	51.86	251.45	89.31	178.71	-3,230.65	3,928.49	3,637.16	291.33	13.485		
8,600.00	7,236.97	7,252.97	7,252.97	53.54	251.48	89.34	178.71	-3,230.65	3,846.04	3,553.90	292.14	13.165		
8,700.00	7,237.77	7,253.77	7,253.77	55.33	251.51	89.36	178.71	-3,230.65	3,764.44	3,471.37	293.07	12.845		
8,800.00	7,238.58	7,254.58	7,254.58	57.24	251.53	89.38	178.71	-3,230.65	3,683.74	3,389.61	294.14	12.524		
8,900.00	7,239.39	7,255.39	7,255.39	59.24	251.56	89.40	178.71	-3,230.65	3,604.02	3,308.67	295.34	12.203		
9,000.00	7,240.20	7,256.20	7,256.20	61.31	251.59	89.42	178.71	-3,230.65	3,525.32	3,228.63	296.70	11.882		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,257.01	7,257.01	63.46	251.62	89.44	178.71	-3,230.65	3,447.73	3,149.53	298.20	11.562		
9,200.00	7,241.81	7,257.81	7,257.81	65.67	251.65	89.46	178.71	-3,230.65	3,371.32	3,071.46	299.86	11.243		
9,300.00	7,242.62	7,258.62	7,258.62	67.93	251.67	89.48	178.71	-3,230.65	3,296.18	2,994.50	301.68	10.926		
9,400.00	7,243.43	7,259.43	7,259.43	70.25	251.70	89.50	178.71	-3,230.65	3,222.38	2,918.72	303.67	10.612		
9,500.00	7,244.24	7,260.24	7,260.24	72.60	251.73	89.53	178.71	-3,230.65	3,150.04	2,844.21	305.82	10.300		
9,600.00	7,245.04	7,261.04	7,261.04	74.99	251.76	89.55	178.71	-3,230.65	3,079.23	2,771.09	308.14	9.993		
9,700.00	7,245.85	7,261.85	7,261.85	77.42	251.79	89.57	178.71	-3,230.65	3,010.09	2,699.46	310.63	9.690		
9,800.00	7,246.66	7,262.66	7,262.66	79.87	251.82	89.59	178.71	-3,230.65	2,942.72	2,629.44	313.28	9.393		
9,900.00	7,247.47	7,263.47	7,263.47	82.36	251.84	89.61	178.71	-3,230.65	2,877.25	2,561.14	316.11	9.102		
10,000.00	7,248.28	7,264.28	7,264.28	84.87	251.87	89.63	178.71	-3,230.65	2,813.81	2,494.71	319.10	8.818		
10,100.00	7,249.08	7,265.08	7,265.08	87.40	251.90	89.65	178.71	-3,230.65	2,752.54	2,430.30	322.24	8.542		
10,200.00	7,249.89	7,265.89	7,265.89	89.95	251.93	89.67	178.71	-3,230.65	2,693.59	2,368.04	325.54	8.274		
10,300.00	7,250.70	7,266.70	7,266.70	92.52	251.96	89.69	178.71	-3,230.65	2,637.11	2,308.12	328.99	8.016		
10,400.00	7,251.51	7,267.51	7,267.51	95.11	251.99	89.71	178.71	-3,230.65	2,583.28	2,250.71	332.57	7.768		
10,500.00	7,252.31	7,268.31	7,268.31	97.71	252.01	89.74	178.71	-3,230.65	2,532.25	2,195.97	336.28	7.530		
10,600.00	7,253.12	7,269.12	7,269.12	100.33	252.04	89.76	178.71	-3,230.65	2,484.19	2,144.11	340.09	7.305		
10,700.00	7,253.93	7,269.93	7,269.93	102.96	252.07	89.78	178.71	-3,230.65	2,439.30	2,095.31	343.98	7.091		
10,800.00	7,254.74	7,270.74	7,270.74	105.61	252.10	89.80	178.71	-3,230.65	2,397.73	2,049.78	347.95	6.891		
10,900.00	7,255.55	7,271.55	7,271.55	108.26	252.13	89.82	178.71	-3,230.65	2,359.67	2,007.72	351.95	6.704		
11,000.00	7,256.35	7,272.35	7,272.35	110.92	252.15	89.84	178.71	-3,230.65	2,325.29	1,969.32	355.97	6.532		
11,100.00	7,257.16	7,273.16	7,273.16	113.60	252.18	89.86	178.71	-3,230.65	2,294.76	1,934.78	359.98	6.375		
11,200.00	7,257.97	7,273.97	7,273.97	116.28	252.21	89.88	178.71	-3,230.65	2,268.23	1,904.29	363.94	6.232		
11,300.00	7,258.78	7,274.78	7,274.78	118.97	252.24	89.90	178.71	-3,230.65	2,245.84	1,878.03	367.82	6.106		
11,400.00	7,259.58	7,275.58	7,275.58	121.67	252.27	89.93	178.71	-3,230.65	2,227.72	1,856.14	371.58	5.995		
11,500.00	7,260.39	7,276.39	7,276.39	124.38	252.30	89.95	178.71	-3,230.65	2,213.98	1,838.78	375.20	5.901		
11,600.00	7,261.20	7,277.20	7,277.20	127.09	252.32	89.97	178.71	-3,230.65	2,204.68	1,826.04	378.64	5.823		
11,700.00	7,262.01	7,278.01	7,278.01	129.81	252.35	89.99	178.71	-3,230.65	2,199.90	1,818.02	381.88	5.761		
11,755.34	7,262.46	7,278.46	7,278.46	131.32	252.37	90.00	178.71	-3,230.65	2,199.20	1,815.63	383.57	5.733 CC		
11,800.00	7,262.82	7,278.82	7,278.82	132.53	252.38	90.01	178.71	-3,230.65	2,199.66	1,814.77	384.88	5.715 ES		
11,900.00	7,263.62	7,279.62	7,279.62	135.26	252.41	90.03	178.71	-3,230.65	2,203.96	1,816.32	387.64	5.686		
12,000.00	7,264.43	7,280.43	7,280.43	138.00	252.44	90.05	178.71	-3,230.65	2,212.77	1,822.64	390.13	5.672 SF		
12,100.00	7,265.24	7,281.24	7,281.24	140.74	252.46	90.07	178.71	-3,230.65	2,226.05	1,833.71	392.34	5.674		
12,200.00	7,266.05	7,282.05	7,282.05	143.49	252.49	90.09	178.71	-3,230.65	2,243.70	1,849.43	394.27	5.691		
12,300.00	7,266.86	7,282.86	7,282.86	146.24	252.52	90.11	178.71	-3,230.65	2,265.64	1,869.72	395.92	5.722		
12,400.00	7,267.66	7,283.66	7,283.66	148.99	252.55	90.14	178.71	-3,230.65	2,291.74	1,894.43	397.30	5.768		
12,500.00	7,268.47	7,284.47	7,284.47	151.75	252.58	90.16	178.71	-3,230.65	2,321.85	1,923.43	398.41	5.828		
12,600.00	7,269.28	7,285.28	7,285.28	154.51	252.61	90.18	178.71	-3,230.65	2,355.82	1,956.55	399.28	5.900		
12,700.00	7,270.09	7,286.09	7,286.09	157.27	252.63	90.20	178.71	-3,230.65	2,393.50	1,993.59	399.90	5.985		
12,800.00	7,270.89	7,286.89	7,286.89	160.04	252.66	90.22	178.71	-3,230.65	2,434.69	2,034.38	400.31	6.082		
12,900.00	7,271.70	7,287.70	7,287.70	162.81	252.69	90.24	178.71	-3,230.65	2,479.25	2,078.72	400.52	6.190		
13,000.00	7,272.51	7,288.51	7,288.51	165.58	252.72	90.26	178.71	-3,230.65	2,526.97	2,126.42	400.55	6.309		
13,100.00	7,273.32	7,289.32	7,289.32	168.36	252.75	90.28	178.71	-3,230.65	2,577.69	2,177.27	400.42	6.437		
13,200.00	7,274.13	7,309.87	7,290.13	171.14	253.46	90.30	178.71	-3,230.65	2,631.24	2,230.39	400.84	6.564		
13,300.00	7,274.93	7,309.07	7,290.93	173.92	253.44	90.33	178.71	-3,230.65	2,687.44	2,287.04	400.40	6.712		
13,400.00	7,275.74	7,308.26	7,291.74	176.71	253.41	90.35	178.71	-3,230.65	2,746.13	2,346.29	399.84	6.868		
13,500.00	7,276.55	7,307.45	7,292.55	179.49	253.38	90.37	178.71	-3,230.65	2,807.16	2,407.96	399.20	7.032		
13,555.88	7,277.00	7,307.00	7,293.00	181.05	253.36	90.38	178.71	-3,230.65	2,842.23	2,443.42	398.80	7.127		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-108.86	-998.39	-2,922.94	3,088.75					
100.00	100.00	102.00	98.00	3.28	3.75	-108.86	-998.39	-2,922.94	3,088.75	3,081.71	7.03	439.146		
200.00	200.00	202.00	198.00	3.34	6.24	-108.86	-998.39	-2,922.94	3,088.75	3,079.17	9.58	322.576		
300.00	299.98	302.02	297.98	3.44	9.39	105.22	-998.39	-2,922.94	3,089.21	3,076.38	12.83	240.790		
400.00	399.84	402.16	397.84	3.59	12.72	105.29	-998.39	-2,922.94	3,090.58	3,074.27	16.31	189.440		
500.00	499.45	502.55	497.45	3.79	16.14	105.40	-998.39	-2,922.94	3,092.90	3,072.97	19.92	155.229		
600.00	598.70	603.30	596.70	4.04	19.59	105.55	-998.39	-2,922.94	3,096.17	3,072.55	23.63	131.051		
700.00	697.47	704.53	695.47	4.32	23.08	105.74	-998.39	-2,922.94	3,100.44	3,073.04	27.40	113.141		
800.00	795.62	806.38	793.62	4.64	26.61	105.97	-998.39	-2,922.94	3,105.75	3,074.49	31.25	99.376		
900.00	893.06	908.94	891.06	5.01	30.16	106.24	-998.39	-2,922.94	3,112.14	3,076.97	35.17	88.483		
1,000.00	989.64	987.64	987.64	5.41	32.90	106.54	-998.39	-2,922.94	3,119.68	3,081.37	38.30	81.444		
1,100.00	1,085.27	1,083.27	1,083.27	5.85	36.22	106.86	-998.39	-2,922.94	3,128.43	3,086.36	42.06	74.372		
1,200.00	1,179.82	1,177.82	1,177.82	6.33	39.51	107.21	-998.39	-2,922.94	3,138.47	3,092.64	45.83	68.484		
1,300.00	1,273.78	1,271.78	1,271.78	6.85	42.78	107.77	-998.39	-2,922.94	3,149.34	3,099.74	49.60	63.493		
1,400.00	1,367.75	1,365.75	1,365.75	7.38	46.05	108.33	-998.39	-2,922.94	3,160.55	3,107.15	53.39	59.192		
1,500.00	1,461.72	1,459.72	1,459.72	7.93	49.32	108.88	-998.39	-2,922.94	3,172.08	3,114.88	57.20	55.453		
1,600.00	1,555.69	1,553.69	1,553.69	8.49	52.60	109.43	-998.39	-2,922.94	3,183.94	3,122.92	61.02	52.176		
1,700.00	1,649.66	1,647.66	1,647.66	9.07	55.87	109.98	-998.39	-2,922.94	3,196.13	3,131.27	64.85	49.283		
1,800.00	1,743.63	1,741.63	1,741.63	9.65	59.15	110.53	-998.39	-2,922.94	3,208.63	3,139.94	68.69	46.711		
1,900.00	1,837.60	1,835.60	1,835.60	10.24	62.42	111.07	-998.39	-2,922.94	3,221.44	3,148.91	72.53	44.413		
2,000.00	1,931.57	1,929.57	1,929.57	10.83	65.70	111.60	-998.39	-2,922.94	3,234.57	3,158.19	76.38	42.347		
2,100.00	2,025.54	2,023.54	2,023.54	11.43	68.97	112.13	-998.39	-2,922.94	3,248.00	3,167.77	80.23	40.482		
2,200.00	2,119.51	2,117.51	2,117.51	12.03	72.25	112.66	-998.39	-2,922.94	3,261.74	3,177.65	84.09	38.790		
2,300.00	2,213.48	2,211.48	2,211.48	12.64	75.53	113.19	-998.39	-2,922.94	3,275.78	3,187.83	87.94	37.248		
2,400.00	2,307.45	2,305.45	2,305.45	13.25	78.81	113.71	-998.39	-2,922.94	3,290.11	3,198.31	91.80	35.839		
2,500.00	2,401.42	2,400.58	2,399.42	13.87	82.12	114.22	-998.39	-2,922.94	3,304.74	3,209.03	95.70	34.532		
2,600.00	2,495.39	2,506.61	2,493.39	14.48	85.82	114.73	-998.39	-2,922.94	3,319.65	3,219.67	99.98	33.202		
2,700.00	2,589.35	2,587.35	2,587.35	15.10	88.64	115.24	-998.39	-2,922.94	3,334.84	3,231.46	103.38	32.258		
2,800.00	2,683.32	2,681.32	2,681.32	15.72	91.92	115.74	-998.39	-2,922.94	3,350.32	3,243.08	107.24	31.241		
2,900.00	2,777.29	2,775.29	2,775.29	16.34	95.20	116.24	-998.39	-2,922.94	3,366.07	3,254.97	111.10	30.297		
3,000.00	2,871.26	2,869.26	2,869.26	16.97	98.48	116.74	-998.39	-2,922.94	3,382.10	3,267.14	114.96	29.419		
3,100.00	2,965.23	2,963.23	2,963.23	17.59	101.75	117.23	-998.39	-2,922.94	3,398.39	3,279.57	118.82	28.601		
3,200.00	3,059.20	3,057.20	3,057.20	18.22	105.03	117.72	-998.39	-2,922.94	3,414.95	3,292.27	122.68	27.836		
3,300.00	3,153.17	3,151.17	3,151.17	18.84	108.31	118.20	-998.39	-2,922.94	3,431.77	3,305.24	126.54	27.121		
3,400.00	3,247.14	3,245.14	3,245.14	19.47	111.59	118.68	-998.39	-2,922.94	3,448.85	3,318.46	130.39	26.449		
3,500.00	3,341.11	3,339.11	3,339.11	20.10	114.87	119.15	-998.39	-2,922.94	3,466.18	3,331.93	134.25	25.819		
3,600.00	3,435.08	3,433.08	3,433.08	20.73	118.15	119.62	-998.39	-2,922.94	3,483.76	3,345.66	138.10	25.226		
3,700.00	3,529.05	3,527.05	3,527.05	21.36	121.43	120.08	-998.39	-2,922.94	3,501.59	3,359.63	141.96	24.666		
3,800.00	3,623.02	3,621.02	3,621.02	21.99	124.71	120.54	-998.39	-2,922.94	3,519.65	3,373.84	145.81	24.139		
3,900.00	3,716.99	3,714.99	3,714.99	22.62	127.99	121.00	-998.39	-2,922.94	3,537.96	3,388.30	149.66	23.640		
4,000.00	3,810.95	3,808.95	3,808.95	23.25	131.27	121.45	-998.39	-2,922.94	3,556.50	3,402.99	153.51	23.168		
4,100.00	3,904.92	3,902.92	3,902.92	23.88	134.55	121.90	-998.39	-2,922.94	3,575.27	3,417.91	157.36	22.720		
4,200.00	3,998.89	4,003.11	3,996.89	24.52	138.04	122.34	-998.39	-2,922.94	3,594.27	3,432.85	161.42	22.266		
4,300.00	4,092.86	4,109.14	4,090.86	25.15	141.74	122.78	-998.39	-2,922.94	3,613.50	3,447.80	165.69	21.809		
4,400.00	4,186.83	4,184.83	4,184.83	25.78	144.38	123.21	-998.39	-2,922.94	3,632.94	3,464.04	168.90	21.510		
4,500.00	4,280.80	4,278.80	4,278.80	26.42	147.66	123.64	-998.39	-2,922.94	3,652.60	3,479.86	172.74	21.145		
4,600.00	4,374.77	4,372.77	4,372.77	27.05	150.94	124.07	-998.39	-2,922.94	3,672.47	3,495.89	176.58	20.797		
4,700.00	4,468.74	4,466.74	4,466.74	27.68	154.22	124.49	-998.39	-2,922.94	3,692.56	3,512.13	180.42	20.466		
4,800.00	4,562.71	4,560.71	4,560.71	28.32	157.50	124.91	-998.39	-2,922.94	3,712.85	3,528.58	184.26	20.150		
4,900.00	4,656.68	4,654.68	4,654.68	28.95	160.78	125.32	-998.39	-2,922.94	3,733.34	3,545.24	188.10	19.848		
5,000.00	4,750.65	4,748.65	4,748.65	29.59	164.06	125.73	-998.39	-2,922.94	3,754.03	3,562.10	191.94	19.559		
5,100.00	4,844.62	4,842.62	4,842.62	30.23	167.34	126.14	-998.39	-2,922.94	3,774.92	3,579.15	195.77	19.282		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,936.59	4,936.59	30.86	170.62	126.54	-998.39	-2,922.94	3,796.00	3,596.40	199.61	19.018		
5,300.00	5,032.56	5,030.56	5,030.56	31.50	173.90	126.94	-998.39	-2,922.94	3,817.28	3,613.84	203.44	18.764		
5,400.00	5,126.52	5,124.52	5,124.52	32.13	177.18	127.33	-998.39	-2,922.94	3,838.74	3,631.47	207.27	18.521		
5,500.00	5,220.49	5,218.49	5,218.49	32.77	180.46	127.72	-998.39	-2,922.94	3,860.38	3,649.28	211.10	18.287		
5,600.00	5,314.46	5,312.46	5,312.46	33.41	183.74	128.10	-998.39	-2,922.94	3,882.20	3,667.28	214.93	18.063		
5,700.00	5,408.43	5,406.43	5,406.43	34.04	187.02	128.48	-998.39	-2,922.94	3,904.20	3,685.45	218.75	17.848		
5,800.00	5,502.40	5,500.40	5,500.40	34.68	190.30	128.86	-998.39	-2,922.94	3,926.38	3,703.80	222.58	17.640		
5,900.00	5,596.37	5,594.37	5,594.37	35.32	193.98	129.23	-998.39	-2,922.94	3,948.73	3,721.93	226.80	17.411		
6,000.00	5,690.34	5,688.34	5,688.34	35.96	196.86	129.60	-998.39	-2,922.94	3,971.24	3,741.02	230.23	17.249		
6,100.00	5,784.31	5,782.31	5,782.31	36.59	200.14	129.96	-998.39	-2,922.94	3,993.93	3,759.88	234.05	17.065		
6,200.00	5,878.28	5,876.28	5,876.28	37.23	203.42	130.33	-998.39	-2,922.94	4,016.77	3,778.90	237.87	16.887		
6,300.00	5,972.25	5,970.25	5,970.25	37.87	206.70	130.68	-998.39	-2,922.94	4,039.78	3,798.09	241.69	16.715		
6,400.00	6,066.22	6,064.22	6,064.22	38.51	209.98	131.04	-998.39	-2,922.94	4,062.94	3,817.44	245.50	16.549		
6,500.00	6,160.19	6,158.19	6,158.19	39.14	213.26	131.39	-998.39	-2,922.94	4,086.26	3,836.94	249.32	16.389		
6,600.00	6,254.16	6,252.16	6,252.16	39.78	216.54	131.73	-998.39	-2,922.94	4,109.73	3,856.59	253.14	16.235		
6,700.00	6,348.13	6,346.13	6,346.13	40.42	219.82	132.07	-998.39	-2,922.94	4,133.35	3,876.40	256.95	16.086		
6,800.00	6,442.09	6,440.09	6,440.09	41.06	223.10	132.41	-998.39	-2,922.94	4,157.12	3,896.35	260.77	15.942		
6,869.92	6,507.80	6,505.80	6,505.80	41.51	225.40	132.65	-998.39	-2,922.94	4,173.82	3,910.39	263.43	15.844		
6,900.00	6,536.18	6,534.18	6,534.18	41.69	226.39	125.86	-998.39	-2,922.94	4,180.35	3,915.77	264.58	15.800		
6,950.00	6,583.76	6,581.76	6,581.76	41.98	228.05	112.72	-998.39	-2,922.94	4,188.20	3,921.71	266.49	15.716		
7,000.00	6,631.58	6,629.58	6,629.58	42.23	229.72	98.19	-998.39	-2,922.94	4,192.26	3,923.87	268.39	15.620		
7,050.00	6,679.34	6,677.34	6,677.34	42.44	231.38	84.09	-998.39	-2,922.94	4,192.52	3,922.26	270.26	15.513		
7,100.00	6,726.76	6,724.76	6,724.76	42.62	233.04	72.01	-998.39	-2,922.94	4,188.99	3,916.91	272.08	15.396		
7,150.00	6,773.53	6,771.53	6,771.53	42.78	234.67	62.51	-998.39	-2,922.94	4,181.69	3,907.84	273.85	15.270		
7,200.00	6,819.38	6,817.38	6,817.38	42.91	236.27	55.37	-998.39	-2,922.94	4,170.68	3,895.12	275.56	15.135		
7,250.00	6,864.01	6,862.01	6,862.01	43.03	237.83	50.12	-998.39	-2,922.94	4,156.02	3,878.83	277.19	14.994		
7,300.00	6,907.16	6,905.16	6,905.16	43.14	239.34	46.32	-998.39	-2,922.94	4,137.82	3,859.09	278.74	14.845		
7,350.00	6,948.56	6,946.56	6,946.56	43.24	240.78	43.63	-998.39	-2,922.94	4,116.19	3,836.00	280.20	14.690		
7,400.00	6,987.94	6,985.94	6,985.94	43.35	242.16	41.82	-998.39	-2,922.94	4,091.28	3,809.71	281.57	14.530		
7,450.00	7,025.08	7,023.08	7,023.08	43.46	243.45	40.74	-998.39	-2,922.94	4,063.22	3,780.39	282.84	14.366		
7,500.00	7,059.73	7,057.73	7,057.73	43.57	244.66	40.31	-998.39	-2,922.94	4,032.21	3,748.21	284.01	14.198		
7,550.00	7,091.70	7,089.70	7,089.70	43.70	245.78	40.49	-998.39	-2,922.94	3,998.43	3,713.36	285.07	14.026		
7,600.00	7,120.77	7,118.77	7,118.77	43.84	246.79	41.29	-998.39	-2,922.94	3,962.09	3,676.07	286.02	13.852		
7,650.00	7,146.77	7,144.77	7,144.77	44.00	247.70	42.76	-998.39	-2,922.94	3,923.41	3,636.55	286.86	13.677		
7,700.00	7,169.54	7,167.54	7,167.54	44.18	248.50	45.04	-998.39	-2,922.94	3,882.63	3,595.04	287.59	13.501		
7,750.00	7,188.94	7,186.94	7,186.94	44.38	249.17	48.29	-998.39	-2,922.94	3,840.00	3,551.79	288.20	13.324		
7,800.00	7,204.85	7,202.85	7,202.85	44.61	249.73	52.81	-998.39	-2,922.94	3,795.76	3,507.06	288.70	13.148		
7,850.00	7,217.17	7,215.17	7,215.17	44.88	250.16	59.03	-998.39	-2,922.94	3,750.20	3,461.12	289.08	12.973		
7,900.00	7,225.83	7,223.83	7,223.83	45.17	250.46	67.49	-998.39	-2,922.94	3,703.57	3,414.23	289.34	12.800		
7,950.00	7,230.77	7,228.77	7,228.77	45.50	250.63	78.72	-998.39	-2,922.94	3,656.17	3,366.68	289.49	12.630		
7,985.49	7,232.00	7,230.00	7,230.00	45.75	250.68	88.42	-998.39	-2,922.94	3,622.20	3,332.67	289.53	12.511		
8,000.00	7,232.12	7,230.12	7,230.12	45.86	250.68	88.43	-998.39	-2,922.94	3,608.28	3,318.75	289.53	12.462		
8,100.00	7,232.93	7,230.93	7,230.93	46.71	250.71	88.47	-998.39	-2,922.94	3,512.47	3,222.90	289.56	12.130		
8,200.00	7,233.74	7,231.74	7,231.74	47.73	250.74	88.52	-998.39	-2,922.94	3,416.89	3,127.27	289.62	11.798		
8,300.00	7,234.54	7,232.54	7,232.54	48.94	250.76	88.56	-998.39	-2,922.94	3,321.57	3,031.86	289.71	11.465		
8,400.00	7,235.35	7,233.35	7,233.35	50.32	250.79	88.61	-998.39	-2,922.94	3,226.54	2,936.69	289.84	11.132		
8,500.00	7,236.16	7,234.16	7,234.16	51.86	250.82	88.65	-998.39	-2,922.94	3,131.81	2,841.79	290.02	10.799		
8,600.00	7,236.97	7,234.97	7,234.97	53.54	250.85	88.70	-998.39	-2,922.94	3,037.43	2,747.18	290.24	10.465		
8,700.00	7,237.77	7,235.77	7,235.77	55.33	250.88	88.75	-998.39	-2,922.94	2,943.41	2,652.88	290.53	10.131		
8,800.00	7,238.58	7,236.58	7,236.58	57.24	250.91	88.79	-998.39	-2,922.94	2,849.80	2,558.92	290.88	9.797		
8,900.00	7,239.39	7,237.39	7,237.39	59.24	250.93	88.84	-998.39	-2,922.94	2,756.64	2,465.33	291.31	9.463		
9,000.00	7,240.20	7,238.20	7,238.20	61.31	250.96	88.88	-998.39	-2,922.94	2,663.98	2,372.14	291.83	9.128		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,239.01	7,239.01	63.46	250.99	88.93	-998.39	-2,922.94	2,571.86	2,279.40	292.46	8.794		
9,200.00	7,241.81	7,239.81	7,239.81	65.67	251.02	88.97	-998.39	-2,922.94	2,480.35	2,187.15	293.20	8.459		
9,300.00	7,242.62	7,240.62	7,240.62	67.93	251.05	89.02	-998.39	-2,922.94	2,389.53	2,095.44	294.09	8.125		
9,400.00	7,243.43	7,241.43	7,241.43	70.25	251.07	89.06	-998.39	-2,922.94	2,299.47	2,004.34	295.12	7.792		
9,500.00	7,244.24	7,242.24	7,242.24	72.60	251.10	89.11	-998.39	-2,922.94	2,210.26	1,913.92	296.34	7.459		
9,600.00	7,245.04	7,243.04	7,243.04	74.99	251.13	89.15	-998.39	-2,922.94	2,122.01	1,824.26	297.75	7.127		
9,700.00	7,245.85	7,243.85	7,243.85	77.42	251.16	89.20	-998.39	-2,922.94	2,034.85	1,735.47	299.39	6.797		
9,800.00	7,246.66	7,244.66	7,244.66	79.87	251.19	89.24	-998.39	-2,922.94	1,948.93	1,647.65	301.27	6.469		
9,900.00	7,247.47	7,245.47	7,245.47	82.36	251.22	89.29	-998.39	-2,922.94	1,864.40	1,560.96	303.44	6.144		
10,000.00	7,248.28	7,246.28	7,246.28	84.87	251.24	89.34	-998.39	-2,922.94	1,781.49	1,475.57	305.92	5.823		
10,100.00	7,249.08	7,247.08	7,247.08	87.40	251.27	89.38	-998.39	-2,922.94	1,700.40	1,391.67	308.73	5.508		
10,200.00	7,249.89	7,247.89	7,247.89	89.95	251.30	89.43	-998.39	-2,922.94	1,621.44	1,309.52	311.92	5.198		
10,300.00	7,250.70	7,248.70	7,248.70	92.52	251.33	89.47	-998.39	-2,922.94	1,544.91	1,229.41	315.50	4.897		
10,400.00	7,251.51	7,249.51	7,249.51	95.11	251.36	89.52	-998.39	-2,922.94	1,471.20	1,151.70	319.50	4.605		
10,500.00	7,252.31	7,250.31	7,250.31	97.71	251.38	89.56	-998.39	-2,922.94	1,400.75	1,076.82	323.93	4.324		
10,600.00	7,253.12	7,251.12	7,251.12	100.33	251.41	89.61	-998.39	-2,922.94	1,334.09	1,005.30	328.79	4.058		
10,700.00	7,253.93	7,251.93	7,251.93	102.96	251.44	89.65	-998.39	-2,922.94	1,271.80	937.74	334.05	3.807		
10,800.00	7,254.74	7,252.74	7,252.74	105.61	251.47	89.70	-998.39	-2,922.94	1,214.55	874.88	339.68	3.576		
10,900.00	7,255.55	7,253.55	7,253.55	108.26	251.50	89.74	-998.39	-2,922.94	1,163.11	817.54	345.56	3.366		
11,000.00	7,256.35	7,254.35	7,254.35	110.92	251.53	89.79	-998.39	-2,922.94	1,118.25	766.68	351.57	3.181		
11,100.00	7,257.16	7,255.16	7,255.16	113.60	251.55	89.84	-998.39	-2,922.94	1,080.81	723.29	357.52	3.023		
11,200.00	7,257.97	7,255.97	7,255.97	116.28	251.58	89.88	-998.39	-2,922.94	1,051.59	688.40	363.18	2.895		
11,300.00	7,258.78	7,256.78	7,256.78	118.97	251.61	89.93	-998.39	-2,922.94	1,031.26	662.95	368.31	2.800		
11,400.00	7,259.58	7,257.58	7,257.58	121.67	251.64	89.97	-998.39	-2,922.94	1,020.38	647.72	372.66	2.738		
11,461.66	7,260.08	7,258.08	7,258.08	123.34	251.66	90.00	-998.39	-2,922.94	1,018.51	643.65	374.87	2.717 CC		
11,500.00	7,260.39	7,258.39	7,258.39	124.38	251.67	90.02	-998.39	-2,922.94	1,019.23	643.20	376.04	2.710 ES, SF		
11,600.00	7,261.20	7,259.20	7,259.20	127.09	251.70	90.06	-998.39	-2,922.94	1,027.86	649.53	378.34	2.717		
11,700.00	7,262.01	7,260.01	7,260.01	129.81	251.72	90.11	-998.39	-2,922.94	1,046.03	666.49	379.54	2.756		
11,800.00	7,262.82	7,260.82	7,260.82	132.53	251.75	90.15	-998.39	-2,922.94	1,073.23	693.52	379.71	2.826		
11,900.00	7,263.62	7,261.62	7,261.62	135.26	251.78	90.20	-998.39	-2,922.94	1,108.83	729.82	379.01	2.926		
12,000.00	7,264.43	7,262.43	7,262.43	138.00	251.81	90.24	-998.39	-2,922.94	1,152.02	774.43	377.60	3.051		
12,100.00	7,265.24	7,263.24	7,263.24	140.74	251.84	90.29	-998.39	-2,922.94	1,202.00	826.34	375.66	3.200		
12,200.00	7,266.05	7,264.05	7,264.05	143.49	251.86	90.34	-998.39	-2,922.94	1,257.96	884.60	373.37	3.369		
12,300.00	7,266.86	7,264.86	7,264.86	146.24	251.89	90.38	-998.39	-2,922.94	1,319.14	948.28	370.86	3.557		
12,400.00	7,267.66	7,265.66	7,265.66	148.99	251.92	90.43	-998.39	-2,922.94	1,384.84	1,016.60	368.24	3.761		
12,500.00	7,268.47	7,266.47	7,266.47	151.75	251.95	90.47	-998.39	-2,922.94	1,454.46	1,088.85	365.61	3.978		
12,600.00	7,269.28	7,267.28	7,267.28	154.51	251.98	90.52	-998.39	-2,922.94	1,527.45	1,164.44	363.01	4.208		
12,700.00	7,270.09	7,268.09	7,268.09	157.27	252.01	90.56	-998.39	-2,922.94	1,603.35	1,242.86	360.49	4.448		
12,800.00	7,270.89	7,268.89	7,268.89	160.04	252.03	90.61	-998.39	-2,922.94	1,681.78	1,323.70	358.08	4.697		
12,900.00	7,271.70	7,269.70	7,269.70	162.81	252.06	90.65	-998.39	-2,922.94	1,762.40	1,406.61	355.78	4.954		
13,000.00	7,272.51	7,270.51	7,270.51	165.58	252.09	90.70	-998.39	-2,922.94	1,844.91	1,491.30	353.61	5.217		
13,100.00	7,273.32	7,271.32	7,271.32	168.36	252.12	90.74	-998.39	-2,922.94	1,929.08	1,577.51	351.57	5.487		
13,200.00	7,274.13	7,272.13	7,272.13	171.14	252.15	90.79	-998.39	-2,922.94	2,014.69	1,665.04	349.65	5.762		
13,300.00	7,274.93	7,272.93	7,272.93	173.92	252.17	90.84	-998.39	-2,922.94	2,101.58	1,753.72	347.85	6.042		
13,400.00	7,275.74	7,273.74	7,273.74	176.71	252.20	90.88	-998.39	-2,922.94	2,189.58	1,843.41	346.17	6.325		
13,500.00	7,276.55	7,274.55	7,274.55	179.49	252.23	90.93	-998.39	-2,922.94	2,278.58	1,933.98	344.60	6.612		
13,555.88	7,277.00	7,275.00	7,275.00	181.05	252.25	90.95	-998.39	-2,922.94	2,328.70	1,984.94	343.76	6.774		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-176.84	-3,878.77	-214.17	3,884.74					
100.00	100.00	78.00	78.00	3.28	3.55	-176.84	-3,878.77	-214.17	3,884.67	3,877.84	6.84	568.262		
200.00	200.00	178.00	178.00	3.34	5.54	-176.84	-3,878.77	-214.17	3,884.67	3,875.79	8.88	437.458		
300.00	299.98	277.98	277.98	3.44	8.61	37.25	-3,878.77	-214.17	3,883.28	3,871.24	12.05	322.303		
400.00	399.84	377.84	377.84	3.59	11.91	37.35	-3,878.77	-214.17	3,879.12	3,863.62	15.50	250.297		
500.00	499.45	477.45	477.45	3.79	15.28	37.51	-3,878.77	-214.17	3,872.19	3,853.12	19.07	203.038		
600.00	598.70	576.70	576.70	4.04	18.68	37.74	-3,878.77	-214.17	3,862.51	3,839.80	22.71	170.059		
700.00	697.47	675.47	675.47	4.32	22.08	38.03	-3,878.77	-214.17	3,850.10	3,823.71	26.40	145.863		
800.00	795.62	773.62	773.62	4.64	25.47	38.40	-3,878.77	-214.17	3,835.01	3,804.90	30.10	127.397		
900.00	893.06	871.06	871.06	5.01	28.85	38.83	-3,878.77	-214.17	3,817.25	3,783.43	33.82	112.859		
1,000.00	989.64	967.64	967.64	5.41	32.20	39.33	-3,878.77	-214.17	3,796.89	3,759.34	37.55	101.122		
1,100.00	1,085.27	1,063.27	1,063.27	5.85	35.53	39.91	-3,878.77	-214.17	3,773.97	3,732.70	41.27	91.447		
1,200.00	1,179.82	1,157.82	1,157.82	6.33	38.81	40.56	-3,878.77	-214.17	3,748.54	3,703.56	44.98	83.332		
1,300.00	1,273.78	1,251.78	1,251.78	6.85	42.08	40.90	-3,878.77	-214.17	3,721.96	3,673.26	48.70	76.431		
1,400.00	1,367.75	1,345.75	1,345.75	7.38	45.35	41.24	-3,878.77	-214.17	3,695.49	3,643.07	52.43	70.490		
1,500.00	1,461.72	1,439.72	1,439.72	7.93	48.63	41.58	-3,878.77	-214.17	3,669.16	3,612.99	56.17	65.321		
1,600.00	1,555.69	1,533.69	1,533.69	8.49	51.90	41.93	-3,878.77	-214.17	3,642.95	3,583.02	59.93	60.787		
1,700.00	1,649.66	1,627.66	1,627.66	9.07	55.17	42.28	-3,878.77	-214.17	3,616.88	3,553.18	63.70	56.779		
1,800.00	1,743.63	1,721.63	1,721.63	9.65	58.45	42.64	-3,878.77	-214.17	3,590.95	3,523.47	67.48	53.214		
1,900.00	1,837.60	1,815.60	1,815.60	10.24	61.72	43.00	-3,878.77	-214.17	3,565.15	3,493.88	71.27	50.022		
2,000.00	1,931.57	1,909.57	1,909.57	10.83	65.00	43.36	-3,878.77	-214.17	3,539.50	3,464.43	75.07	47.150		
2,100.00	2,025.54	2,003.54	2,003.54	11.43	68.28	43.74	-3,878.77	-214.17	3,513.99	3,435.12	78.87	44.552		
2,200.00	2,119.51	2,102.49	2,102.49	12.03	71.73	44.11	-3,878.77	-214.17	3,488.64	3,405.78	82.86	42.104		
2,300.00	2,213.48	2,208.52	2,208.52	12.64	75.43	44.50	-3,878.77	-214.17	3,463.43	3,376.33	87.10	39.766		
2,400.00	2,307.45	2,285.45	2,285.45	13.25	78.11	44.88	-3,878.77	-214.17	3,438.38	3,348.06	90.32	38.067		
2,500.00	2,401.42	2,379.42	2,379.42	13.87	81.39	45.28	-3,878.77	-214.17	3,413.49	3,319.34	94.15	36.256		
2,600.00	2,495.39	2,473.39	2,473.39	14.48	84.66	45.68	-3,878.77	-214.17	3,388.76	3,290.78	97.98	34.585		
2,700.00	2,589.35	2,567.35	2,567.35	15.10	87.94	46.08	-3,878.77	-214.17	3,364.19	3,262.38	101.82	33.041		
2,800.00	2,683.32	2,661.32	2,661.32	15.72	91.22	46.49	-3,878.77	-214.17	3,339.80	3,234.14	105.66	31.609		
2,900.00	2,777.29	2,755.29	2,755.29	16.34	94.50	46.90	-3,878.77	-214.17	3,315.58	3,206.08	109.51	30.278		
3,000.00	2,871.26	2,849.26	2,849.26	16.97	97.78	47.32	-3,878.77	-214.17	3,291.54	3,178.18	113.35	29.038		
3,100.00	2,965.23	2,943.23	2,943.23	17.59	101.06	47.75	-3,878.77	-214.17	3,267.68	3,150.47	117.21	27.879		
3,200.00	3,059.20	3,037.20	3,037.20	18.22	104.33	48.18	-3,878.77	-214.17	3,244.00	3,122.93	121.06	26.796		
3,300.00	3,153.17	3,131.17	3,131.17	18.84	107.61	48.62	-3,878.77	-214.17	3,220.51	3,095.59	124.92	25.780		
3,400.00	3,247.14	3,225.14	3,225.14	19.47	110.89	49.07	-3,878.77	-214.17	3,197.22	3,068.43	128.79	24.825		
3,500.00	3,341.11	3,319.11	3,319.11	20.10	114.17	49.52	-3,878.77	-214.17	3,174.12	3,041.46	132.66	23.928		
3,600.00	3,435.08	3,413.08	3,413.08	20.73	117.45	49.97	-3,878.77	-214.17	3,151.22	3,014.70	136.53	23.081		
3,700.00	3,529.05	3,507.05	3,507.05	21.36	120.73	50.44	-3,878.77	-214.17	3,128.54	2,988.13	140.40	22.283		
3,800.00	3,623.02	3,601.02	3,601.02	21.99	124.01	50.90	-3,878.77	-214.17	3,106.06	2,961.78	144.28	21.528		
3,900.00	3,716.99	3,705.01	3,705.01	22.62	127.64	51.38	-3,878.77	-214.17	3,083.80	2,935.29	148.51	20.765		
4,000.00	3,810.95	3,788.95	3,788.95	23.25	130.57	51.86	-3,878.77	-214.17	3,061.75	2,909.71	152.04	20.137		
4,100.00	3,904.92	3,882.92	3,882.92	23.88	133.85	52.35	-3,878.77	-214.17	3,039.94	2,884.00	155.93	19.495		
4,200.00	3,998.89	3,976.89	3,976.89	24.52	137.13	52.84	-3,878.77	-214.17	3,018.35	2,858.53	159.82	18.886		
4,300.00	4,092.86	4,070.86	4,070.86	25.15	140.41	53.35	-3,878.77	-214.17	2,997.00	2,833.28	163.72	18.306		
4,400.00	4,186.83	4,164.83	4,164.83	25.78	143.69	53.85	-3,878.77	-214.17	2,975.88	2,808.27	167.62	17.754		
4,500.00	4,280.80	4,258.80	4,258.80	26.42	146.97	54.37	-3,878.77	-214.17	2,955.02	2,783.50	171.52	17.229		
4,600.00	4,374.77	4,352.77	4,352.77	27.05	150.25	54.89	-3,878.77	-214.17	2,934.40	2,758.98	175.42	16.728		
4,700.00	4,468.74	4,446.74	4,446.74	27.68	153.53	55.42	-3,878.77	-214.17	2,914.04	2,734.71	179.33	16.250		
4,800.00	4,562.71	4,540.71	4,540.71	28.32	156.81	55.95	-3,878.77	-214.17	2,893.94	2,710.70	183.24	15.793		
4,900.00	4,656.68	4,634.68	4,634.68	28.95	160.09	56.49	-3,878.77	-214.17	2,874.10	2,686.95	187.15	15.357		
5,000.00	4,750.65	4,728.65	4,728.65	29.59	163.36	57.04	-3,878.77	-214.17	2,854.54	2,663.47	191.07	14.940		
5,100.00	4,844.62	4,822.62	4,822.62	30.23	166.64	57.60	-3,878.77	-214.17	2,835.26	2,640.26	194.99	14.540		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,916.59	4,916.59	30.86	169.92	58.16	-3,878.77	-214.17	2,816.25	2,617.34	198.92	14.158		
5,300.00	5,032.56	5,010.56	5,010.56	31.50	173.20	58.73	-3,878.77	-214.17	2,797.54	2,594.70	202.84	13.792		
5,400.00	5,126.52	5,104.52	5,104.52	32.13	176.48	59.30	-3,878.77	-214.17	2,779.12	2,572.35	206.77	13.440		
5,500.00	5,220.49	5,201.51	5,198.49	32.77	179.87	59.89	-3,878.77	-214.17	2,761.01	2,550.20	210.81	13.097		
5,600.00	5,314.46	5,307.54	5,292.46	33.41	183.57	60.48	-3,878.77	-214.17	2,743.20	2,528.03	215.17	12.749		
5,700.00	5,408.43	5,386.43	5,386.43	34.04	186.32	61.07	-3,878.77	-214.17	2,725.70	2,507.12	218.58	12.470		
5,800.00	5,502.40	5,480.40	5,480.40	34.68	189.60	61.68	-3,878.77	-214.17	2,708.52	2,486.00	222.52	12.172		
5,900.00	5,596.37	5,574.37	5,574.37	35.32	192.88	62.29	-3,878.77	-214.17	2,691.67	2,465.20	226.47	11.885		
6,000.00	5,690.34	5,668.34	5,668.34	35.96	196.16	62.91	-3,878.77	-214.17	2,675.15	2,444.73	230.42	11.610		
6,100.00	5,784.31	5,762.31	5,762.31	36.59	199.44	63.53	-3,878.77	-214.17	2,658.96	2,424.60	234.37	11.345		
6,200.00	5,878.28	5,856.28	5,856.28	37.23	202.72	64.16	-3,878.77	-214.17	2,643.12	2,404.80	238.32	11.091		
6,300.00	5,972.25	5,950.25	5,950.25	37.87	206.00	64.80	-3,878.77	-214.17	2,627.63	2,385.36	242.27	10.846		
6,400.00	6,066.22	6,044.22	6,044.22	38.51	209.28	65.44	-3,878.77	-214.17	2,612.50	2,366.26	246.23	10.610		
6,500.00	6,160.19	6,138.19	6,138.19	39.14	212.56	66.10	-3,878.77	-214.17	2,597.72	2,347.53	250.19	10.383		
6,600.00	6,254.16	6,232.16	6,232.16	39.78	215.84	66.76	-3,878.77	-214.17	2,583.32	2,329.16	254.15	10.164		
6,700.00	6,348.13	6,326.13	6,326.13	40.42	219.12	67.42	-3,878.77	-214.17	2,569.29	2,311.17	258.12	9.954		
6,800.00	6,442.09	6,420.09	6,420.09	41.06	222.40	68.09	-3,878.77	-214.17	2,555.64	2,293.55	262.09	9.751		
6,869.92	6,507.80	6,485.80	6,485.80	41.51	224.70	68.56	-3,878.77	-214.17	2,546.32	2,281.46	264.86	9.614		
6,900.00	6,536.18	6,514.18	6,514.18	41.69	225.69	61.66	-3,878.77	-214.17	2,541.96	2,275.91	266.05	9.554		
6,950.00	6,583.76	6,561.76	6,561.76	41.98	227.35	48.09	-3,878.77	-214.17	2,532.91	2,264.90	268.01	9.451		
7,000.00	6,631.58	6,609.58	6,609.58	42.23	229.02	32.81	-3,878.77	-214.17	2,521.64	2,251.70	269.94	9.342		
7,050.00	6,679.34	6,657.34	6,657.34	42.44	230.69	17.64	-3,878.77	-214.17	2,508.18	2,236.36	271.82	9.227		
7,100.00	6,726.76	6,704.76	6,704.76	42.62	232.34	4.13	-3,878.77	-214.17	2,492.60	2,218.94	273.66	9.108		
7,150.00	6,773.53	6,751.53	6,751.53	42.78	233.97	-7.15	-3,878.77	-214.17	2,474.98	2,199.53	275.45	8.985		
7,200.00	6,819.38	6,802.62	6,797.38	42.91	235.76	-16.45	-3,878.77	-214.17	2,455.43	2,178.06	277.37	8.853		
7,250.00	6,864.01	6,842.01	6,842.01	43.03	237.13	-24.26	-3,878.77	-214.17	2,434.08	2,155.21	278.88	8.728		
7,300.00	6,907.16	6,885.16	6,885.16	43.14	238.64	-31.04	-3,878.77	-214.17	2,411.10	2,130.60	280.51	8.595		
7,350.00	6,948.56	6,926.56	6,926.56	43.24	240.08	-37.14	-3,878.77	-214.17	2,386.68	2,104.60	282.08	8.461		
7,400.00	6,987.94	6,965.94	6,965.94	43.35	241.46	-42.80	-3,878.77	-214.17	2,361.01	2,077.42	283.58	8.326		
7,450.00	7,025.08	7,003.08	7,003.08	43.46	242.75	-48.17	-3,878.77	-214.17	2,334.32	2,049.31	285.02	8.190		
7,500.00	7,059.73	7,037.73	7,037.73	43.57	243.96	-53.34	-3,878.77	-214.17	2,306.87	2,020.50	286.38	8.055		
7,550.00	7,091.70	7,069.70	7,069.70	43.70	245.08	-58.34	-3,878.77	-214.17	2,278.92	1,991.26	287.66	7.922		
7,600.00	7,120.77	7,101.23	7,098.77	43.84	246.18	-63.16	-3,878.77	-214.17	2,250.73	1,961.79	288.94	7.790		
7,650.00	7,146.77	7,124.77	7,124.77	44.00	247.00	-67.77	-3,878.77	-214.17	2,222.60	1,932.63	289.97	7.665		
7,700.00	7,169.54	7,147.54	7,147.54	44.18	247.80	-72.12	-3,878.77	-214.17	2,194.81	1,903.82	290.99	7.543		
7,750.00	7,188.94	7,166.94	7,166.94	44.38	248.47	-76.17	-3,878.77	-214.17	2,167.66	1,875.73	291.92	7.425		
7,800.00	7,204.85	7,182.85	7,182.85	44.61	249.03	-79.85	-3,878.77	-214.17	2,141.43	1,848.67	292.76	7.315		
7,850.00	7,217.17	7,204.83	7,195.17	44.88	249.80	-83.13	-3,878.77	-214.17	2,116.41	1,822.56	293.85	7.202		
7,900.00	7,225.83	7,203.83	7,203.83	45.17	249.76	-85.98	-3,878.77	-214.17	2,092.85	1,798.70	294.16	7.115		
7,950.00	7,230.77	7,208.77	7,208.77	45.50	249.93	-88.38	-3,878.77	-214.17	2,071.01	1,776.30	294.71	7.027		
7,985.49	7,232.00	7,210.00	7,210.00	45.75	249.98	-89.80	-3,878.77	-214.17	2,056.66	1,761.63	295.04	6.971		
8,000.00	7,232.12	7,210.12	7,210.12	45.86	249.98	-89.81	-3,878.77	-214.17	2,051.05	1,755.89	295.16	6.949		
8,100.00	7,232.93	7,210.93	7,210.93	46.71	250.01	-89.83	-3,878.77	-214.17	2,014.78	1,718.66	296.12	6.804		
8,200.00	7,233.74	7,211.74	7,211.74	47.73	250.04	-89.86	-3,878.77	-214.17	1,982.90	1,685.66	297.24	6.671		
8,300.00	7,234.54	7,212.54	7,212.54	48.94	250.07	-89.88	-3,878.77	-214.17	1,955.62	1,657.10	298.52	6.551		
8,400.00	7,235.35	7,213.35	7,213.35	50.32	250.09	-89.91	-3,878.77	-214.17	1,933.13	1,633.20	299.92	6.445		
8,500.00	7,236.16	7,214.16	7,214.16	51.86	250.12	-89.93	-3,878.77	-214.17	1,915.60	1,614.16	301.44	6.355		
8,600.00	7,236.97	7,214.97	7,214.97	53.54	250.15	-89.95	-3,878.77	-214.17	1,903.17	1,600.12	303.06	6.280		
8,700.00	7,237.77	7,215.77	7,215.77	55.33	250.18	-89.98	-3,878.77	-214.17	1,895.94	1,591.22	304.73	6.222		
8,787.32	7,238.48	7,216.48	7,216.48	57.00	250.20	-90.00	-3,878.77	-214.17	1,893.93	1,587.71	306.22	6.185 CC		
8,800.00	7,238.58	7,216.58	7,216.58	57.24	250.21	-90.00	-3,878.77	-214.17	1,893.97	1,587.54	306.43	6.181 ES		
8,900.00	7,239.39	7,217.39	7,217.39	59.24	250.24	-90.03	-3,878.77	-214.17	1,897.28	1,589.14	308.14	6.157		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,240.20	7,218.20	7,218.20	61.31	250.26	-90.05	-3,878.77	-214.17	1,905.83	1,596.02	309.82	6.151 SF		
9,100.00	7,241.01	7,219.01	7,219.01	63.46	250.29	-90.08	-3,878.77	-214.17	1,919.57	1,608.12	311.45	6.163		
9,200.00	7,241.81	7,219.81	7,219.81	65.67	250.32	-90.10	-3,878.77	-214.17	1,938.37	1,625.35	313.01	6.193		
9,300.00	7,242.62	7,220.62	7,220.62	67.93	250.35	-90.13	-3,878.77	-214.17	1,962.09	1,647.60	314.49	6.239		
9,400.00	7,243.43	7,221.43	7,221.43	70.25	250.38	-90.15	-3,878.77	-214.17	1,990.56	1,674.69	315.87	6.302		
9,500.00	7,244.24	7,222.24	7,222.24	72.60	250.40	-90.17	-3,878.77	-214.17	2,023.57	1,706.43	317.15	6.381		
9,600.00	7,245.04	7,223.04	7,223.04	74.99	250.43	-90.20	-3,878.77	-214.17	2,060.92	1,742.61	318.31	6.475		
9,700.00	7,245.85	7,223.85	7,223.85	77.42	250.46	-90.22	-3,878.77	-214.17	2,102.36	1,782.99	319.36	6.583		
9,800.00	7,246.66	7,224.66	7,224.66	79.87	250.49	-90.25	-3,878.77	-214.17	2,147.66	1,827.35	320.31	6.705		
9,900.00	7,247.47	7,225.47	7,225.47	82.36	250.52	-90.27	-3,878.77	-214.17	2,196.58	1,875.43	321.15	6.840		
10,000.00	7,248.28	7,226.28	7,226.28	84.87	250.55	-90.30	-3,878.77	-214.17	2,248.88	1,926.99	321.89	6.986		
10,100.00	7,249.08	7,227.08	7,227.08	87.40	250.57	-90.32	-3,878.77	-214.17	2,304.34	1,981.79	322.55	7.144		
10,200.00	7,249.89	7,227.89	7,227.89	89.95	250.60	-90.35	-3,878.77	-214.17	2,362.73	2,039.62	323.11	7.312		
10,300.00	7,250.70	7,228.70	7,228.70	92.52	250.63	-90.37	-3,878.77	-214.17	2,423.84	2,100.24	323.61	7.490		
10,400.00	7,251.51	7,229.51	7,229.51	95.11	250.66	-90.39	-3,878.77	-214.17	2,487.48	2,163.45	324.03	7.677		
10,500.00	7,252.31	7,230.31	7,230.31	97.71	250.69	-90.42	-3,878.77	-214.17	2,553.44	2,229.05	324.39	7.872		
10,600.00	7,253.12	7,231.12	7,231.12	100.33	250.71	-90.44	-3,878.77	-214.17	2,621.56	2,296.87	324.69	8.074		
10,700.00	7,253.93	7,231.93	7,231.93	102.96	250.74	-90.47	-3,878.77	-214.17	2,691.67	2,366.72	324.95	8.283		
10,800.00	7,254.74	7,232.74	7,232.74	105.61	250.77	-90.49	-3,878.77	-214.17	2,763.62	2,438.46	325.16	8.499		
10,900.00	7,255.55	7,233.55	7,233.55	108.26	250.80	-90.52	-3,878.77	-214.17	2,837.27	2,511.94	325.33	8.721		
11,000.00	7,256.35	7,234.35	7,234.35	110.92	250.83	-90.54	-3,878.77	-214.17	2,912.49	2,587.02	325.47	8.948		
11,100.00	7,257.16	7,235.16	7,235.16	113.60	250.86	-90.57	-3,878.77	-214.17	2,989.17	2,663.58	325.59	9.181		
11,200.00	7,257.97	7,235.97	7,235.97	116.28	250.88	-90.59	-3,878.77	-214.17	3,067.18	2,741.51	325.67	9.418		
11,300.00	7,258.78	7,236.78	7,236.78	118.97	250.91	-90.61	-3,878.77	-214.17	3,146.45	2,820.71	325.74	9.659		
11,400.00	7,259.58	7,237.58	7,237.58	121.67	250.94	-90.64	-3,878.77	-214.17	3,226.86	2,901.07	325.79	9.905		
11,500.00	7,260.39	7,238.39	7,238.39	124.38	250.97	-90.66	-3,878.77	-214.17	3,308.34	2,982.52	325.82	10.154		
11,600.00	7,261.20	7,239.20	7,239.20	127.09	251.00	-90.69	-3,878.77	-214.17	3,390.81	3,064.98	325.84	10.406		
11,700.00	7,262.01	7,240.01	7,240.01	129.81	251.03	-90.71	-3,878.77	-214.17	3,474.21	3,148.36	325.85	10.662		
11,800.00	7,262.82	7,240.82	7,240.82	132.53	251.05	-90.74	-3,878.77	-214.17	3,558.46	3,232.61	325.84	10.921		
11,900.00	7,263.62	7,241.62	7,241.62	135.26	251.08	-90.76	-3,878.77	-214.17	3,643.50	3,317.67	325.83	11.182		
12,000.00	7,264.43	7,242.43	7,242.43	138.00	251.11	-90.79	-3,878.77	-214.17	3,729.29	3,403.48	325.81	11.446		
12,100.00	7,265.24	7,243.24	7,243.24	140.74	251.14	-90.81	-3,878.77	-214.17	3,815.77	3,489.98	325.79	11.712		
12,200.00	7,266.05	7,244.05	7,244.05	143.49	251.17	-90.83	-3,878.77	-214.17	3,902.90	3,577.13	325.76	11.981		
12,300.00	7,266.86	7,244.86	7,244.86	146.24	251.19	-90.86	-3,878.77	-214.17	3,990.62	3,664.89	325.73	12.251		
12,400.00	7,267.66	7,245.66	7,245.66	148.99	251.22	-90.88	-3,878.77	-214.17	4,078.92	3,753.22	325.70	12.524		
12,500.00	7,268.47	7,246.47	7,246.47	151.75	251.25	-90.91	-3,878.77	-214.17	4,167.74	3,842.08	325.66	12.798		
12,600.00	7,269.28	7,247.28	7,247.28	154.51	251.28	-90.93	-3,878.77	-214.17	4,257.06	3,931.43	325.63	13.073		
12,700.00	7,270.09	7,248.09	7,248.09	157.27	251.31	-90.96	-3,878.77	-214.17	4,346.84	4,021.25	325.59	13.351		
12,800.00	7,270.89	7,248.89	7,248.89	160.04	251.34	-90.98	-3,878.77	-214.17	4,437.06	4,111.51	325.55	13.629		
12,900.00	7,271.70	7,249.70	7,249.70	162.81	251.36	-91.00	-3,878.77	-214.17	4,527.69	4,202.18	325.51	13.910		
13,000.00	7,272.51	7,250.51	7,250.51	165.58	251.39	-91.03	-3,878.77	-214.17	4,618.71	4,293.24	325.47	14.191		
13,100.00	7,273.32	7,251.32	7,251.32	168.36	251.42	-91.05	-3,878.77	-214.17	4,710.09	4,384.66	325.43	14.473		
13,200.00	7,274.13	7,252.13	7,252.13	171.14	251.45	-91.08	-3,878.77	-214.17	4,801.82	4,476.42	325.39	14.757		
13,300.00	7,274.93	7,252.93	7,252.93	173.92	251.48	-91.10	-3,878.77	-214.17	4,893.87	4,568.51	325.36	15.042		
13,400.00	7,275.74	7,253.74	7,253.74	176.71	251.50	-91.13	-3,878.77	-214.17	4,986.22	4,660.90	325.32	15.327		
13,500.00	7,276.55	7,254.55	7,254.55	179.49	251.53	-91.15	-3,878.77	-214.17	5,078.86	4,753.58	325.29	15.614		
13,555.88	7,277.00	7,255.00	7,255.00	181.05	251.55	-91.17	-3,878.77	-214.17	5,130.76	4,805.49	325.27	15.774		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-70.08	1,589.12	-4,385.62	4,664.65					
100.00	100.00	140.00	140.00	3.28	4.54	-70.08	1,589.12	-4,385.62	4,664.65	4,656.82	7.83	595.990		
200.00	200.00	240.00	240.00	3.34	7.40	-70.08	1,589.12	-4,385.62	4,664.65	4,653.91	10.74	434.462		
300.00	299.98	339.98	339.98	3.44	10.64	143.97	1,589.12	-4,385.62	4,666.06	4,651.98	14.08	331.360		
400.00	399.84	439.84	439.84	3.59	14.00	143.96	1,589.12	-4,385.62	4,670.29	4,652.70	17.59	265.491		
500.00	499.45	539.45	539.45	3.79	17.40	143.94	1,589.12	-4,385.62	4,677.35	4,656.16	21.19	220.719		
600.00	598.70	638.70	638.70	4.04	20.81	143.91	1,589.12	-4,385.62	4,687.22	4,662.38	24.85	188.637		
700.00	697.47	737.47	737.47	4.32	24.22	143.87	1,589.12	-4,385.62	4,699.92	4,671.37	28.54	164.675		
800.00	795.62	835.62	835.62	4.64	27.62	143.82	1,589.12	-4,385.62	4,715.42	4,683.16	32.26	146.189		
900.00	893.06	933.06	933.06	5.01	31.00	143.76	1,589.12	-4,385.62	4,733.73	4,697.75	35.98	131.556		
1,000.00	989.64	1,029.64	1,029.64	5.41	34.36	143.69	1,589.12	-4,385.62	4,754.85	4,715.13	39.71	119.731		
1,100.00	1,085.27	1,125.27	1,125.27	5.85	37.68	143.60	1,589.12	-4,385.62	4,778.75	4,735.32	43.44	110.011		
1,200.00	1,179.82	1,219.82	1,219.82	6.33	40.97	143.50	1,589.12	-4,385.62	4,805.45	4,758.29	47.15	101.908		
1,300.00	1,273.78	1,313.78	1,313.78	6.85	44.24	143.73	1,589.12	-4,385.62	4,833.56	4,782.70	50.87	95.021		
1,400.00	1,367.75	1,407.75	1,407.75	7.38	47.51	143.97	1,589.12	-4,385.62	4,861.76	4,807.17	54.59	89.054		
1,500.00	1,461.72	1,501.72	1,501.72	7.93	50.79	144.20	1,589.12	-4,385.62	4,890.04	4,831.70	58.33	83.830		
1,600.00	1,555.69	1,604.31	1,595.69	8.49	54.36	144.43	1,589.12	-4,385.62	4,918.38	4,856.00	62.38	78.843		
1,700.00	1,649.66	1,689.66	1,689.66	9.07	57.33	144.65	1,589.12	-4,385.62	4,946.81	4,880.97	65.84	75.133		
1,800.00	1,743.63	1,783.63	1,783.63	9.65	60.61	144.88	1,589.12	-4,385.62	4,975.30	4,905.70	69.61	71.478		
1,900.00	1,837.60	1,877.60	1,877.60	10.24	63.89	145.10	1,589.12	-4,385.62	5,003.87	4,930.49	73.38	68.193		
2,000.00	1,931.57	1,971.57	1,971.57	10.83	67.16	145.31	1,589.12	-4,385.62	5,032.51	4,955.35	77.16	65.226		
2,100.00	2,025.54	2,065.54	2,065.54	11.43	70.44	145.53	1,589.12	-4,385.62	5,061.22	4,980.28	80.94	62.534		
2,200.00	2,119.51	2,159.51	2,159.51	12.03	73.72	145.74	1,589.12	-4,385.62	5,089.99	5,005.27	84.72	60.080		
2,300.00	2,213.48	2,253.48	2,253.48	12.64	76.99	145.96	1,589.12	-4,385.62	5,118.83	5,030.32	88.51	57.835		
2,400.00	2,307.45	2,347.45	2,347.45	13.25	80.27	146.17	1,589.12	-4,385.62	5,147.74	5,055.44	92.30	55.774		
2,500.00	2,401.42	2,441.42	2,441.42	13.87	83.55	146.37	1,589.12	-4,385.62	5,176.71	5,080.62	96.09	53.874		
2,600.00	2,495.39	2,535.39	2,535.39	14.48	86.83	146.58	1,589.12	-4,385.62	5,205.74	5,105.86	99.88	52.119		
2,700.00	2,589.35	2,629.35	2,629.35	15.10	90.11	146.78	1,589.12	-4,385.62	5,234.84	5,131.17	103.68	50.492		
2,800.00	2,683.32	2,723.32	2,723.32	15.72	93.38	146.98	1,589.12	-4,385.62	5,264.00	5,156.53	107.47	48.980		
2,900.00	2,777.29	2,817.29	2,817.29	16.34	96.66	147.18	1,589.12	-4,385.62	5,293.22	5,181.95	111.27	47.572		
3,000.00	2,871.26	2,911.26	2,911.26	16.97	99.94	147.37	1,589.12	-4,385.62	5,322.50	5,207.43	115.07	46.256		
3,100.00	2,965.23	3,005.23	3,005.23	17.59	103.22	147.57	1,589.12	-4,385.62	5,351.84	5,232.97	118.86	45.025		
3,200.00	3,059.20	3,100.80	3,099.20	18.22	106.55	147.76	1,589.12	-4,385.62	5,381.23	5,258.51	122.72	43.850		
3,300.00	3,153.17	3,206.83	3,193.17	18.84	110.25	147.95	1,589.12	-4,385.62	5,410.68	5,283.74	126.94	42.624		
3,400.00	3,247.14	3,287.14	3,287.14	19.47	113.06	148.14	1,589.12	-4,385.62	5,440.19	5,309.93	130.26	41.764		
3,500.00	3,341.11	3,381.11	3,381.11	20.10	116.34	148.32	1,589.12	-4,385.62	5,469.75	5,335.69	134.06	40.800		
3,600.00	3,435.08	3,475.08	3,475.08	20.73	119.61	148.51	1,589.12	-4,385.62	5,499.36	5,361.50	137.86	39.891		
3,700.00	3,529.05	3,569.05	3,569.05	21.36	122.89	148.69	1,589.12	-4,385.62	5,529.03	5,387.37	141.66	39.030		
3,800.00	3,623.02	3,663.02	3,663.02	21.99	126.17	148.87	1,589.12	-4,385.62	5,558.75	5,413.29	145.46	38.215		
3,900.00	3,716.99	3,756.99	3,756.99	22.62	129.45	149.05	1,589.12	-4,385.62	5,588.52	5,439.26	149.26	37.441		
4,000.00	3,810.95	3,850.95	3,850.95	23.25	132.73	149.23	1,589.12	-4,385.62	5,618.34	5,465.28	153.06	36.707		
4,100.00	3,904.92	3,944.92	3,944.92	23.88	136.01	149.40	1,589.12	-4,385.62	5,648.22	5,491.36	156.86	36.008		
4,200.00	3,998.89	4,038.89	4,038.89	24.52	139.29	149.57	1,589.12	-4,385.62	5,678.14	5,517.48	160.66	35.342		
4,300.00	4,092.86	4,132.86	4,132.86	25.15	142.57	149.75	1,589.12	-4,385.62	5,708.10	5,543.64	164.46	34.708		
4,400.00	4,186.83	4,226.83	4,226.83	25.78	145.85	149.91	1,589.12	-4,385.62	5,738.12	5,569.86	168.26	34.103		
4,500.00	4,280.80	4,320.80	4,320.80	26.42	149.13	150.08	1,589.12	-4,385.62	5,768.18	5,596.12	172.06	33.524		
4,600.00	4,374.77	4,414.77	4,414.77	27.05	152.41	150.25	1,589.12	-4,385.62	5,798.29	5,622.43	175.86	32.971		
4,700.00	4,468.74	4,508.74	4,508.74	27.68	155.69	150.41	1,589.12	-4,385.62	5,828.44	5,648.79	179.66	32.442		
4,800.00	4,562.71	4,602.71	4,602.71	28.32	158.97	150.58	1,589.12	-4,385.62	5,858.64	5,675.19	183.46	31.935		
4,900.00	4,656.68	4,703.32	4,696.68	28.95	162.48	150.74	1,589.12	-4,385.62	5,888.88	5,701.40	187.49	31.409		
5,000.00	4,750.65	4,809.35	4,790.65	29.59	166.18	150.90	1,589.12	-4,385.62	5,919.17	5,727.46	191.71	30.876		
5,100.00	4,844.62	4,884.62	4,884.62	30.23	169.81	151.05	1,589.12	-4,385.62	5,949.50	5,754.64	194.85	30.533		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,978.59	4,978.59	30.86	172.09	151.21	1,589.12	-4,385.62	5,979.87	5,781.21	198.65	30.102		
5,300.00	5,032.56	5,072.56	5,072.56	31.50	175.37	151.37	1,589.12	-4,385.62	6,010.28	5,807.83	202.45	29.688		
5,400.00	5,126.52	5,166.52	5,166.52	32.13	178.65	151.52	1,589.12	-4,385.62	6,040.73	5,834.48	206.25	29.289		
5,500.00	5,220.49	5,260.49	5,260.49	32.77	181.93	151.67	1,589.12	-4,385.62	6,071.22	5,861.17	210.04	28.904		
5,600.00	5,314.46	5,354.46	5,354.46	33.41	185.21	151.82	1,589.12	-4,385.62	6,101.75	5,887.90	213.84	28.534		
5,700.00	5,408.43	5,448.43	5,448.43	34.04	188.49	151.97	1,589.12	-4,385.62	6,132.32	5,914.68	217.64	28.177		
5,800.00	5,502.40	5,542.40	5,542.40	34.68	191.77	152.12	1,589.12	-4,385.62	6,162.92	5,941.49	221.44	27.832		
5,900.00	5,596.37	5,636.37	5,636.37	35.32	195.05	152.26	1,589.12	-4,385.62	6,193.57	5,968.33	225.23	27.498		
6,000.00	5,690.34	5,730.34	5,730.34	35.96	198.33	152.41	1,589.12	-4,385.62	6,224.25	5,995.22	229.03	27.177		
6,100.00	5,784.31	5,824.31	5,824.31	36.59	201.61	152.55	1,589.12	-4,385.62	6,254.97	6,022.14	232.83	26.865		
6,200.00	5,878.28	5,918.28	5,918.28	37.23	204.89	152.69	1,589.12	-4,385.62	6,285.72	6,049.10	236.62	26.564		
6,300.00	5,972.25	6,012.25	6,012.25	37.87	208.17	152.83	1,589.12	-4,385.62	6,316.51	6,076.09	240.42	26.273		
6,400.00	6,066.22	6,106.22	6,106.22	38.51	211.45	152.97	1,589.12	-4,385.62	6,347.34	6,103.12	244.21	25.991		
6,500.00	6,160.19	6,200.19	6,200.19	39.14	214.73	153.11	1,589.12	-4,385.62	6,378.19	6,130.19	248.01	25.718		
6,600.00	6,254.16	6,305.84	6,294.16	39.78	218.42	153.25	1,589.12	-4,385.62	6,409.09	6,156.88	252.21	25.411		
6,700.00	6,348.13	6,388.13	6,388.13	40.42	221.29	153.38	1,589.12	-4,385.62	6,440.01	6,184.41	255.60	25.196		
6,800.00	6,442.09	6,482.09	6,482.09	41.06	224.57	153.52	1,589.12	-4,385.62	6,470.97	6,211.58	259.39	24.946		
6,869.92	6,507.80	6,547.80	6,547.80	41.51	226.86	153.61	1,589.12	-4,385.62	6,492.64	6,230.59	262.05	24.777		
6,900.00	6,536.18	6,576.18	6,576.18	41.69	227.85	146.45	1,589.12	-4,385.62	6,501.39	6,238.20	263.19	24.702		
6,950.00	6,583.76	6,623.76	6,623.76	41.98	229.51	132.78	1,589.12	-4,385.62	6,513.35	6,248.25	265.10	24.569		
7,000.00	6,631.58	6,671.58	6,671.58	42.23	231.18	117.83	1,589.12	-4,385.62	6,522.02	6,255.02	267.00	24.427		
7,050.00	6,679.34	6,719.34	6,719.34	42.44	232.85	103.41	1,589.12	-4,385.62	6,527.38	6,258.49	268.89	24.276		
7,100.00	6,726.76	6,766.76	6,766.76	42.62	234.51	91.11	1,589.12	-4,385.62	6,529.39	6,258.66	270.73	24.118		
7,150.00	6,773.53	6,813.53	6,813.53	42.78	236.14	81.47	1,589.12	-4,385.62	6,528.07	6,255.54	272.53	23.954		
7,200.00	6,819.38	6,859.38	6,859.38	42.91	237.74	74.27	1,589.12	-4,385.62	6,523.42	6,249.17	274.26	23.786		
7,250.00	6,864.01	6,904.01	6,904.01	43.03	239.30	69.04	1,589.12	-4,385.62	6,515.50	6,239.59	275.92	23.614		
7,300.00	6,907.16	6,947.16	6,947.16	43.14	240.80	65.33	1,589.12	-4,385.62	6,504.38	6,226.88	277.50	23.439		
7,350.00	6,948.56	6,988.56	6,988.56	43.24	242.25	62.79	1,589.12	-4,385.62	6,490.12	6,211.13	278.99	23.263		
7,400.00	6,987.94	7,027.94	7,027.94	43.35	243.62	61.19	1,589.12	-4,385.62	6,472.85	6,192.45	280.40	23.085		
7,450.00	7,025.08	7,065.08	7,065.08	43.46	244.92	60.37	1,589.12	-4,385.62	6,452.68	6,170.97	281.71	22.905		
7,500.00	7,059.73	7,100.27	7,099.73	43.57	246.15	60.22	1,589.12	-4,385.62	6,429.74	6,146.80	282.94	22.725		
7,550.00	7,091.70	7,131.70	7,131.70	43.70	247.24	60.68	1,589.12	-4,385.62	6,404.20	6,120.17	284.04	22.547		
7,600.00	7,120.77	7,160.77	7,160.77	43.84	248.26	61.72	1,589.12	-4,385.62	6,376.23	6,091.17	285.05	22.369		
7,650.00	7,146.77	7,186.77	7,186.77	44.00	249.17	63.32	1,589.12	-4,385.62	6,345.99	6,060.03	285.97	22.191		
7,700.00	7,169.54	7,209.54	7,209.54	44.18	249.96	65.49	1,589.12	-4,385.62	6,313.70	6,026.92	286.78	22.016		
7,750.00	7,188.94	7,228.94	7,228.94	44.38	250.64	68.25	1,589.12	-4,385.62	6,279.55	5,992.06	287.49	21.842		
7,800.00	7,204.85	7,244.85	7,244.85	44.61	251.19	71.61	1,589.12	-4,385.62	6,243.76	5,955.65	288.11	21.672		
7,850.00	7,217.17	7,257.17	7,257.17	44.88	251.62	75.59	1,589.12	-4,385.62	6,206.55	5,917.92	288.62	21.504		
7,900.00	7,225.83	7,265.83	7,265.83	45.17	251.93	80.19	1,589.12	-4,385.62	6,168.14	5,879.10	289.04	21.340		
7,950.00	7,230.77	7,270.77	7,270.77	45.50	252.10	85.37	1,589.12	-4,385.62	6,128.77	5,839.42	289.35	21.181		
7,985.49	7,232.00	7,272.00	7,272.00	45.75	252.14	89.37	1,589.12	-4,385.62	6,100.38	5,810.86	289.51	21.071		
8,000.00	7,232.12	7,272.12	7,272.12	45.86	252.15	89.37	1,589.12	-4,385.62	6,088.71	5,799.14	289.57	21.027		
8,100.00	7,232.93	7,272.93	7,272.93	46.71	252.17	89.39	1,589.12	-4,385.62	6,008.64	5,718.63	290.02	20.718		
8,200.00	7,233.74	7,273.74	7,273.74	47.73	252.20	89.40	1,589.12	-4,385.62	5,929.18	5,638.61	290.56	20.406		
8,300.00	7,234.54	7,274.54	7,274.54	48.94	252.23	89.41	1,589.12	-4,385.62	5,850.34	5,559.12	291.22	20.089		
8,400.00	7,235.35	7,275.35	7,275.35	50.32	252.26	89.43	1,589.12	-4,385.62	5,772.16	5,480.17	291.99	19.768		
8,500.00	7,236.16	7,276.16	7,276.16	51.86	252.29	89.44	1,589.12	-4,385.62	5,694.67	5,401.79	292.87	19.444		
8,600.00	7,236.97	7,276.97	7,276.97	53.54	252.32	89.45	1,589.12	-4,385.62	5,617.88	5,324.01	293.87	19.117		
8,700.00	7,237.77	7,277.77	7,277.77	55.33	252.34	89.46	1,589.12	-4,385.62	5,541.84	5,246.85	294.99	18.787		
8,800.00	7,238.58	7,278.58	7,278.58	57.24	252.37	89.48	1,589.12	-4,385.62	5,466.57	5,170.34	296.22	18.454		
8,900.00	7,239.39	7,279.39	7,279.39	59.24	252.40	89.49	1,589.12	-4,385.62	5,392.10	5,094.52	297.58	18.120		
9,000.00	7,240.20	7,280.20	7,280.20	61.31	252.43	89.50	1,589.12	-4,385.62	5,318.47	5,019.42	299.04	17.785		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,281.01	7,281.01	63.46	252.46	89.52	1,589.12	-4,385.62	5,245.71	4,945.08	300.63	17.449		
9,200.00	7,241.81	7,281.81	7,281.81	65.67	252.48	89.53	1,589.12	-4,385.62	5,173.86	4,871.52	302.33	17.113		
9,300.00	7,242.62	7,282.62	7,282.62	67.93	252.51	89.54	1,589.12	-4,385.62	5,102.95	4,798.81	304.15	16.778		
9,400.00	7,243.43	7,283.43	7,283.43	70.25	252.54	89.55	1,589.12	-4,385.62	5,033.04	4,726.96	306.08	16.444		
9,500.00	7,244.24	7,284.24	7,284.24	72.60	252.57	89.57	1,589.12	-4,385.62	4,964.16	4,656.04	308.12	16.111		
9,600.00	7,245.04	7,285.04	7,285.04	74.99	252.60	89.58	1,589.12	-4,385.62	4,896.35	4,586.08	310.27	15.781		
9,700.00	7,245.85	7,285.85	7,285.85	77.42	252.63	89.59	1,589.12	-4,385.62	4,829.65	4,517.13	312.53	15.454		
9,800.00	7,246.66	7,286.66	7,286.66	79.87	252.65	89.60	1,589.12	-4,385.62	4,764.13	4,449.24	314.89	15.130		
9,900.00	7,247.47	7,287.47	7,287.47	82.36	252.68	89.62	1,589.12	-4,385.62	4,699.81	4,382.46	317.36	14.809		
10,000.00	7,248.28	7,288.28	7,288.28	84.87	252.71	89.63	1,589.12	-4,385.62	4,636.77	4,316.84	319.92	14.493		
10,100.00	7,249.08	7,289.08	7,289.08	87.40	252.74	89.64	1,589.12	-4,385.62	4,575.04	4,252.45	322.59	14.182		
10,200.00	7,249.89	7,289.89	7,289.89	89.95	252.77	89.66	1,589.12	-4,385.62	4,514.68	4,189.33	325.35	13.876		
10,300.00	7,250.70	7,309.30	7,290.70	92.52	253.44	89.67	1,589.12	-4,385.62	4,455.74	4,126.89	328.85	13.549		
10,400.00	7,251.51	7,308.49	7,291.51	95.11	253.42	89.68	1,589.12	-4,385.62	4,398.29	4,066.55	331.74	13.258		
10,500.00	7,252.31	7,307.69	7,292.31	97.71	253.39	89.69	1,589.12	-4,385.62	4,342.39	4,007.67	334.71	12.973		
10,600.00	7,253.12	7,306.88	7,293.12	100.33	253.36	89.71	1,589.12	-4,385.62	4,288.08	3,950.31	337.77	12.695		
10,700.00	7,253.93	7,306.07	7,293.93	102.96	253.33	89.72	1,589.12	-4,385.62	4,235.45	3,894.54	340.90	12.424		
10,800.00	7,254.74	7,305.26	7,294.74	105.61	253.30	89.73	1,589.12	-4,385.62	4,184.54	3,840.43	344.11	12.160		
10,900.00	7,255.55	7,304.45	7,295.55	108.26	253.27	89.75	1,589.12	-4,385.62	4,135.42	3,788.03	347.39	11.904		
11,000.00	7,256.35	7,303.65	7,296.35	110.92	253.25	89.76	1,589.12	-4,385.62	4,088.16	3,737.43	350.72	11.656		
11,100.00	7,257.16	7,302.84	7,297.16	113.60	253.22	89.77	1,589.12	-4,385.62	4,042.81	3,688.70	354.12	11.417		
11,200.00	7,257.97	7,302.03	7,297.97	116.28	253.19	89.78	1,589.12	-4,385.62	3,999.46	3,641.90	357.56	11.185		
11,300.00	7,258.78	7,301.22	7,298.78	118.97	253.16	89.80	1,589.12	-4,385.62	3,958.16	3,597.10	361.05	10.963		
11,400.00	7,259.58	7,300.42	7,299.58	121.67	253.13	89.81	1,589.12	-4,385.62	3,918.97	3,554.39	364.58	10.749		
11,500.00	7,260.39	7,300.39	7,300.39	124.38	253.13	89.82	1,589.12	-4,385.62	3,881.97	3,513.81	368.16	10.544		
11,600.00	7,261.20	7,301.20	7,301.20	127.09	253.16	89.83	1,589.12	-4,385.62	3,847.21	3,475.42	371.79	10.348		
11,700.00	7,262.01	7,302.01	7,302.01	129.81	253.19	89.85	1,589.12	-4,385.62	3,814.75	3,439.32	375.43	10.161		
11,800.00	7,262.82	7,302.82	7,302.82	132.53	253.22	89.86	1,589.12	-4,385.62	3,784.66	3,405.59	379.07	9.984		
11,900.00	7,263.62	7,303.62	7,303.62	135.26	253.25	89.87	1,589.12	-4,385.62	3,756.99	3,374.29	382.70	9.817		
12,000.00	7,264.43	7,304.43	7,304.43	138.00	253.27	89.89	1,589.12	-4,385.62	3,731.79	3,345.48	386.31	9.660		
12,100.00	7,265.24	7,305.24	7,305.24	140.74	253.30	89.90	1,589.12	-4,385.62	3,709.12	3,319.23	389.90	9.513		
12,200.00	7,266.05	7,306.05	7,306.05	143.49	253.33	89.91	1,589.12	-4,385.62	3,689.03	3,295.59	393.44	9.376		
12,300.00	7,266.86	7,306.86	7,306.86	146.24	253.36	89.92	1,589.12	-4,385.62	3,671.55	3,274.61	396.93	9.250		
12,400.00	7,267.66	7,307.66	7,307.66	148.99	253.39	89.94	1,589.12	-4,385.62	3,656.71	3,256.35	400.36	9.133		
12,500.00	7,268.47	7,308.47	7,308.47	151.75	253.41	89.95	1,589.12	-4,385.62	3,644.57	3,240.84	403.73	9.027		
12,600.00	7,269.28	7,309.28	7,309.28	154.51	253.44	89.96	1,589.12	-4,385.62	3,635.13	3,228.13	407.01	8.931		
12,700.00	7,270.09	7,310.09	7,310.09	157.27	253.47	89.98	1,589.12	-4,385.62	3,628.43	3,218.23	410.20	8.846		
12,800.00	7,270.89	7,310.89	7,310.89	160.04	253.50	89.99	1,589.12	-4,385.62	3,624.47	3,211.19	413.29	8.770		
12,893.45	7,271.65	7,311.65	7,311.65	162.63	253.53	90.00	1,589.12	-4,385.62	3,623.27	3,207.19	416.08	8.708 CC		
12,900.00	7,271.70	7,311.70	7,311.70	162.81	253.53	90.00	1,589.12	-4,385.62	3,623.28	3,207.00	416.27	8.704		
13,000.00	7,272.51	7,312.51	7,312.51	165.58	253.56	90.01	1,589.12	-4,385.62	3,624.84	3,205.69	419.14	8.648 ES		
13,100.00	7,273.32	7,313.32	7,313.32	168.36	253.58	90.03	1,589.12	-4,385.62	3,629.15	3,207.26	421.89	8.602		
13,200.00	7,274.13	7,314.13	7,314.13	171.14	253.61	90.04	1,589.12	-4,385.62	3,636.21	3,211.70	424.51	8.566		
13,300.00	7,274.93	7,314.93	7,314.93	173.92	253.64	90.05	1,589.12	-4,385.62	3,646.00	3,219.01	427.00	8.539		
13,400.00	7,275.74	7,315.74	7,315.74	176.71	253.67	90.06	1,589.12	-4,385.62	3,658.50	3,229.15	429.35	8.521		
13,500.00	7,276.55	7,316.55	7,316.55	179.49	253.70	90.08	1,589.12	-4,385.62	3,673.68	3,242.12	431.57	8.512		
13,555.88	7,277.00	7,317.00	7,317.00	181.05	253.71	90.08	1,589.12	-4,385.62	3,683.32	3,250.58	432.74	8.512 SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	163.97	-3,556.70	1,022.16	3,700.67					
100.00	100.00	79.13	79.13	3.28	3.28	163.97	-3,556.96	1,021.84	3,700.85	3,694.29	6.57	563.348		
200.00	200.00	169.21	169.20	3.34	3.32	163.99	-3,557.69	1,021.10	3,701.41	3,694.75	6.66	555.863		
300.00	299.98	291.68	291.67	3.44	3.44	18.07	-3,558.37	1,020.86	3,700.25	3,693.37	6.88	537.589		
400.00	399.84	384.89	384.88	3.59	3.58	18.12	-3,558.43	1,021.04	3,695.40	3,688.22	7.18	514.986		
500.00	499.45	491.28	491.27	3.79	3.79	18.21	-3,558.53	1,021.39	3,687.30	3,679.72	7.58	486.246		
600.00	598.70	584.72	584.71	4.04	4.01	18.33	-3,558.53	1,021.83	3,675.84	3,667.80	8.04	457.064		
700.00	697.47	686.91	686.89	4.32	4.28	18.50	-3,558.64	1,022.15	3,661.17	3,652.58	8.59	426.165		
800.00	795.62	793.23	793.22	4.64	4.59	18.71	-3,558.55	1,022.55	3,643.07	3,633.86	9.21	395.586		
900.00	893.06	898.77	898.75	5.01	4.91	18.97	-3,558.20	1,022.96	3,621.52	3,611.65	9.87	366.840		
1,000.00	989.64	982.92	982.90	5.41	5.19	19.25	-3,558.02	1,023.13	3,596.83	3,586.32	10.51	342.271		
1,100.00	1,085.27	1,074.37	1,074.35	5.85	5.50	19.59	-3,558.08	1,023.25	3,569.22	3,558.02	11.20	318.570		
1,200.00	1,179.82	1,172.31	1,172.30	6.33	5.84	19.99	-3,558.19	1,023.28	3,538.51	3,526.56	11.95	296.224		
1,300.00	1,273.78	1,260.81	1,260.80	6.85	6.16	20.17	-3,558.26	1,023.27	3,506.24	3,493.56	12.67	276.676		
1,400.00	1,367.75	1,361.04	1,361.02	7.38	6.52	20.37	-3,558.44	1,023.39	3,474.13	3,460.67	13.46	258.144		
1,500.00	1,461.72	1,456.90	1,456.88	7.93	6.88	20.57	-3,558.35	1,023.42	3,441.77	3,427.52	14.24	241.613		
1,600.00	1,555.69	1,550.05	1,550.03	8.49	7.22	20.78	-3,558.43	1,023.20	3,409.55	3,394.52	15.03	226.779		
1,700.00	1,649.66	1,641.41	1,641.39	9.07	7.57	20.98	-3,558.44	1,023.03	3,377.33	3,361.50	15.83	213.321		
1,800.00	1,743.63	1,727.16	1,727.14	9.65	7.90	21.17	-3,558.69	1,022.82	3,345.38	3,328.75	16.63	201.225		
1,900.00	1,837.60	1,818.71	1,818.69	10.24	8.25	21.39	-3,559.11	1,022.43	3,313.59	3,296.14	17.45	189.883		
2,000.00	1,931.57	1,910.47	1,910.45	10.83	8.62	21.61	-3,559.64	1,022.03	3,281.95	3,263.66	18.29	179.468		
2,100.00	2,025.54	2,017.30	2,017.28	11.43	9.04	21.87	-3,560.02	1,021.38	3,250.11	3,230.93	19.18	169.439		
2,200.00	2,119.51	2,105.23	2,105.20	12.03	9.39	22.10	-3,560.37	1,020.60	3,218.31	3,198.29	20.02	160.759		
2,300.00	2,213.48	2,212.30	2,212.26	12.64	9.82	22.38	-3,560.68	1,019.53	3,186.43	3,165.50	20.93	152.262		
2,400.00	2,307.45	2,299.60	2,299.56	13.25	10.18	22.62	-3,560.89	1,018.57	3,154.55	3,132.77	21.78	144.862		
2,500.00	2,401.42	2,393.17	2,393.12	13.87	10.56	22.87	-3,561.16	1,017.65	3,122.79	3,100.14	22.65	137.859		
2,600.00	2,495.39	2,487.71	2,487.66	14.48	10.95	23.13	-3,561.39	1,016.88	3,091.09	3,067.55	23.54	131.332		
2,700.00	2,589.35	2,587.83	2,587.78	15.10	11.36	23.42	-3,561.55	1,015.96	3,059.34	3,034.90	24.44	125.164		
2,800.00	2,683.32	2,682.62	2,682.56	15.72	11.75	23.69	-3,561.56	1,015.10	3,027.53	3,002.20	25.34	119.496		
2,900.00	2,777.29	2,780.10	2,780.04	16.34	12.15	23.98	-3,561.49	1,014.38	2,995.73	2,969.49	26.24	114.164		
3,000.00	2,871.26	2,869.41	2,869.34	16.97	12.52	24.24	-3,561.42	1,013.60	2,963.97	2,936.84	27.13	109.269		
3,100.00	2,965.23	2,955.88	2,955.81	17.59	12.88	24.51	-3,561.56	1,012.81	2,932.49	2,904.48	28.01	104.705		
3,200.00	3,059.20	3,047.15	3,047.08	18.22	13.27	24.79	-3,561.88	1,012.17	2,901.28	2,872.37	28.91	100.364		
3,300.00	3,153.17	3,139.31	3,139.23	18.84	13.66	25.08	-3,562.14	1,011.75	2,870.13	2,840.32	29.81	96.271		
3,400.00	3,247.14	3,228.84	3,228.76	19.47	14.03	25.36	-3,562.49	1,011.76	2,839.23	2,808.52	30.71	92.445		
3,500.00	3,341.11	3,324.58	3,324.50	20.10	14.43	25.66	-3,562.91	1,011.72	2,808.42	2,776.78	31.63	88.782		
3,600.00	3,435.08	3,419.22	3,419.15	20.73	14.83	25.97	-3,563.22	1,011.71	2,777.60	2,745.05	32.55	85.325		
3,700.00	3,529.05	3,505.95	3,505.87	21.36	15.20	26.25	-3,563.66	1,011.78	2,747.02	2,713.57	33.46	82.111		
3,800.00	3,623.02	3,607.98	3,607.91	21.99	15.63	26.60	-3,564.19	1,011.55	2,716.49	2,682.09	34.40	78.963		
3,900.00	3,716.99	3,692.64	3,692.56	22.62	15.99	26.90	-3,564.71	1,011.19	2,686.10	2,650.79	35.31	76.074		
4,000.00	3,810.95	3,794.84	3,794.76	23.25	16.42	27.26	-3,565.32	1,010.96	2,655.81	2,619.55	36.26	73.239		
4,100.00	3,904.92	3,893.00	3,892.92	23.88	16.84	27.62	-3,565.63	1,010.87	2,625.36	2,588.16	37.21	70.560		
4,200.00	3,998.89	3,987.45	3,987.37	24.52	17.24	27.97	-3,565.84	1,010.83	2,594.92	2,556.78	38.15	68.027		
4,300.00	4,092.86	4,083.50	4,083.42	25.15	17.65	28.33	-3,566.01	1,010.90	2,564.54	2,525.45	39.09	65.612		
4,400.00	4,186.83	4,177.84	4,177.76	25.78	18.04	28.69	-3,566.10	1,011.11	2,534.19	2,494.17	40.02	63.321		
4,500.00	4,280.80	4,268.92	4,268.83	26.42	18.42	29.04	-3,566.20	1,011.51	2,503.98	2,463.03	40.95	61.145		
4,600.00	4,374.77	4,363.35	4,363.26	27.05	18.82	29.41	-3,566.41	1,011.88	2,473.96	2,432.07	41.89	59.055		
4,700.00	4,468.74	4,455.71	4,455.62	27.68	19.21	29.78	-3,566.55	1,012.48	2,444.00	2,401.17	42.83	57.060		
4,800.00	4,562.71	4,546.88	4,546.79	28.32	19.59	30.15	-3,566.84	1,012.92	2,414.28	2,370.51	43.77	55.153		
4,900.00	4,656.68	4,640.39	4,640.30	28.95	19.99	30.55	-3,567.22	1,013.26	2,384.73	2,340.01	44.73	53.317		
5,000.00	4,750.65	4,730.01	4,729.92	29.59	20.37	30.93	-3,567.60	1,013.65	2,355.33	2,309.65	45.68	51.564		
5,100.00	4,844.62	4,812.68	4,812.59	30.23	20.72	31.30	-3,568.33	1,013.95	2,326.45	2,279.83	46.62	49.901		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,905.87	4,905.77	30.86	21.12	31.73	-3,569.39	1,014.04	2,297.93	2,250.34	47.59	48.286		
5,300.00	5,032.56	5,000.33	5,000.22	31.50	21.53	32.18	-3,570.50	1,013.90	2,269.56	2,220.99	48.57	46.731		
5,400.00	5,126.52	5,102.31	5,102.20	32.13	21.97	32.69	-3,571.53	1,013.48	2,241.16	2,191.60	49.56	45.222		
5,500.00	5,220.49	5,193.67	5,193.55	32.77	22.36	33.16	-3,572.36	1,013.08	2,212.80	2,162.27	50.54	43.785		
5,600.00	5,314.46	5,293.66	5,293.54	33.41	22.79	33.68	-3,573.20	1,012.90	2,184.54	2,133.01	51.53	42.391		
5,700.00	5,408.43	5,395.21	5,395.08	34.04	23.23	34.21	-3,573.72	1,012.89	2,156.14	2,103.61	52.53	41.043		
5,800.00	5,502.40	5,499.41	5,499.29	34.68	23.67	34.78	-3,573.83	1,012.73	2,127.51	2,073.98	53.53	39.742		
5,900.00	5,596.37	5,582.22	5,582.10	35.32	24.02	35.25	-3,573.94	1,012.50	2,099.07	2,044.55	54.52	38.504		
6,000.00	5,690.34	5,685.24	5,685.12	35.96	24.46	35.84	-3,574.22	1,012.39	2,070.94	2,015.42	55.52	37.303		
6,100.00	5,784.31	5,778.53	5,778.41	36.59	24.85	36.38	-3,574.16	1,012.54	2,042.66	1,986.15	56.51	36.148		
6,200.00	5,878.28	5,868.20	5,868.08	37.23	25.22	36.91	-3,574.25	1,012.84	2,014.72	1,957.21	57.51	35.034		
6,300.00	5,972.25	5,966.46	5,966.34	37.87	25.64	37.51	-3,574.43	1,013.04	1,987.05	1,928.54	58.52	33.956		
6,400.00	6,066.22	6,057.83	6,057.71	38.51	26.02	38.08	-3,574.39	1,013.10	1,959.38	1,899.85	59.53	32.915		
6,500.00	6,160.19	6,152.60	6,152.47	39.14	26.42	38.69	-3,574.61	1,013.30	1,932.16	1,871.61	60.55	31.912		
6,600.00	6,254.16	6,251.99	6,251.87	39.78	26.83	39.35	-3,574.53	1,013.47	1,904.86	1,843.29	61.57	30.939		
6,700.00	6,348.13	6,350.04	6,349.91	40.42	27.24	40.02	-3,574.27	1,013.81	1,877.61	1,815.01	62.59	29.997		
6,800.00	6,442.09	6,443.83	6,443.71	41.06	27.63	40.68	-3,573.82	1,013.91	1,850.39	1,786.77	63.62	29.084		
6,869.92	6,507.80	6,505.90	6,505.77	41.51	27.89	41.12	-3,573.64	1,014.04	1,831.64	1,767.29	64.35	28.465		
6,900.00	6,536.18	6,534.86	6,534.73	41.69	28.01	33.78	-3,573.58	1,014.11	1,823.52	1,758.87	64.65	28.205		
6,950.00	6,583.76	6,583.36	6,583.23	41.98	28.21	19.53	-3,573.45	1,014.15	1,809.58	1,744.45	65.13	27.786		
7,000.00	6,631.58	6,636.31	6,636.18	42.23	28.43	3.64	-3,573.23	1,014.13	1,795.10	1,729.54	65.56	27.382		
7,050.00	6,679.34	6,691.26	6,691.13	42.44	28.66	-12.10	-3,572.79	1,014.13	1,780.02	1,714.07	65.95	26.992		
7,100.00	6,726.76	6,741.02	6,740.88	42.62	28.86	-26.09	-3,572.25	1,014.15	1,764.48	1,698.19	66.30	26.614		
7,150.00	6,773.53	6,789.17	6,789.03	42.78	29.06	-37.74	-3,571.68	1,014.19	1,748.73	1,682.10	66.62	26.248		
7,200.00	6,819.38	6,834.64	6,834.50	42.91	29.25	-47.23	-3,571.12	1,014.30	1,732.92	1,666.00	66.92	25.894		
7,250.00	6,864.01	6,922.07	6,877.79	43.03	29.62	-55.03	-3,570.62	1,014.51	1,717.29	1,649.90	67.39	25.483		
7,300.00	6,907.16	6,920.75	6,920.60	43.14	29.61	-61.56	-3,570.15	1,014.87	1,702.05	1,634.58	67.47	25.227		
7,350.00	6,948.56	6,961.79	6,961.64	43.24	29.79	-67.13	-3,569.70	1,015.22	1,687.42	1,619.70	67.72	24.917		
7,400.00	6,987.94	7,000.80	7,000.65	43.35	29.95	-71.94	-3,569.28	1,015.55	1,673.64	1,605.68	67.96	24.627		
7,450.00	7,025.08	7,037.54	7,037.38	43.46	30.10	-76.12	-3,568.88	1,015.86	1,660.96	1,592.77	68.19	24.357		
7,500.00	7,059.73	7,071.79	7,071.62	43.57	30.25	-79.75	-3,568.50	1,016.15	1,649.66	1,581.24	68.42	24.110		
7,550.00	7,091.70	7,103.32	7,103.16	43.70	30.38	-82.89	-3,568.16	1,016.42	1,639.99	1,571.34	68.65	23.889		
7,600.00	7,120.77	7,131.96	7,131.79	43.84	30.50	-85.55	-3,567.85	1,016.66	1,632.21	1,563.33	68.88	23.696		
7,650.00	7,146.77	7,157.51	7,157.34	44.00	30.60	-87.75	-3,567.57	1,016.87	1,626.54	1,557.43	69.12	23.532		
7,700.00	7,169.54	7,179.83	7,179.65	44.18	30.70	-89.50	-3,567.32	1,017.06	1,623.20	1,553.84	69.37	23.400		
7,741.44	7,185.86	7,195.77	7,195.60	44.35	30.76	-90.60	-3,567.15	1,017.20	1,622.32	1,552.73	69.59	23.313 CC		
7,750.00	7,188.94	7,198.77	7,198.60	44.38	30.78	-90.79	-3,567.12	1,017.22	1,622.36	1,552.73	69.63	23.299 ES		
7,800.00	7,204.85	7,214.22	7,214.05	44.61	30.84	-91.62	-3,566.95	1,017.35	1,624.14	1,554.23	69.91	23.232		
7,850.00	7,217.17	7,226.09	7,225.91	44.88	30.89	-91.98	-3,566.82	1,017.45	1,628.62	1,558.42	70.20	23.199 SF		
7,900.00	7,225.83	7,234.30	7,234.12	45.17	30.93	-91.88	-3,566.73	1,017.52	1,635.84	1,565.33	70.51	23.200		
7,950.00	7,230.77	7,238.80	7,238.62	45.50	30.94	-91.31	-3,566.68	1,017.56	1,645.76	1,574.94	70.83	23.236		
7,985.49	7,232.00	7,239.72	7,239.54	45.75	30.95	-90.61	-3,566.67	1,017.57	1,654.41	1,583.36	71.06	23.283		
8,000.00	7,232.12	7,239.71	7,239.54	45.86	30.95	-90.61	-3,566.67	1,017.57	1,658.27	1,587.12	71.15	23.306		
8,100.00	7,232.93	7,239.66	7,239.48	46.71	30.95	-90.61	-3,566.67	1,017.57	1,688.03	1,616.16	71.87	23.487		
8,200.00	7,233.74	7,239.61	7,239.43	47.73	30.95	-90.61	-3,566.67	1,017.57	1,723.09	1,650.42	72.67	23.710		
8,300.00	7,234.54	7,239.56	7,239.38	48.94	30.95	-90.61	-3,566.67	1,017.57	1,763.13	1,689.61	73.53	23.979		
8,400.00	7,235.35	7,239.51	7,239.33	50.32	30.95	-90.60	-3,566.67	1,017.57	1,807.83	1,733.42	74.41	24.297		
8,500.00	7,236.16	7,239.46	7,239.28	51.86	30.95	-90.60	-3,566.67	1,017.57	1,856.83	1,781.54	75.29	24.662		
8,600.00	7,236.97	7,239.41	7,239.23	53.54	30.95	-90.60	-3,566.67	1,017.57	1,909.82	1,833.66	76.16	25.077		
8,700.00	7,237.77	7,239.36	7,239.18	55.33	30.95	-90.60	-3,566.67	1,017.57	1,966.47	1,889.47	77.00	25.538		
8,800.00	7,238.58	7,239.31	7,239.13	57.24	30.95	-90.60	-3,566.67	1,017.57	2,026.47	1,948.66	77.81	26.044		
8,900.00	7,239.39	7,239.26	7,239.08	59.24	30.95	-90.59	-3,566.67	1,017.56	2,089.54	2,010.96	78.58	26.592		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,240.20	7,239.21	7,239.03	61.31	30.95	-90.59	-3,566.68	1,017.56	2,155.41	2,076.10	79.30	27.180		
9,100.00	7,241.01	7,239.16	7,238.98	63.46	30.95	-90.59	-3,566.68	1,017.56	2,223.82	2,143.84	79.98	27.804		
9,200.00	7,241.81	7,239.11	7,238.93	65.67	30.95	-90.59	-3,566.68	1,017.56	2,294.55	2,213.93	80.61	28.463		
9,300.00	7,242.62	7,239.06	7,238.88	67.93	30.95	-90.59	-3,566.68	1,017.56	2,367.39	2,286.19	81.21	29.153		
9,400.00	7,243.43	7,239.00	7,238.83	70.25	30.95	-90.59	-3,566.68	1,017.56	2,442.16	2,360.40	81.75	29.872		
9,500.00	7,244.24	7,238.95	7,238.77	72.60	30.95	-90.58	-3,566.68	1,017.56	2,518.68	2,436.41	82.26	30.617		
9,600.00	7,245.04	7,238.90	7,238.72	74.99	30.95	-90.58	-3,566.68	1,017.56	2,596.79	2,514.05	82.74	31.386		
9,700.00	7,245.85	7,238.85	7,238.67	77.42	30.95	-90.58	-3,566.68	1,017.56	2,676.36	2,593.19	83.17	32.178		
9,800.00	7,246.66	7,238.80	7,238.62	79.87	30.94	-90.58	-3,566.68	1,017.56	2,757.26	2,673.68	83.58	32.989		
9,900.00	7,247.47	7,238.75	7,238.57	82.36	30.94	-90.58	-3,566.68	1,017.56	2,839.38	2,755.42	83.96	33.819		
10,000.00	7,248.28	7,238.70	7,238.52	84.87	30.94	-90.57	-3,566.68	1,017.56	2,922.61	2,838.31	84.31	34.665		
10,100.00	7,249.08	7,238.65	7,238.47	87.40	30.94	-90.57	-3,566.68	1,017.56	3,006.87	2,922.23	84.64	35.527		
10,200.00	7,249.89	7,238.60	7,238.42	89.95	30.94	-90.57	-3,566.68	1,017.56	3,092.06	3,007.12	84.94	36.403		
10,300.00	7,250.70	7,238.55	7,238.37	92.52	30.94	-90.57	-3,566.68	1,017.56	3,178.12	3,092.90	85.22	37.292		
10,400.00	7,251.51	7,238.50	7,238.32	95.11	30.94	-90.57	-3,566.68	1,017.56	3,264.97	3,179.48	85.49	38.193		
10,500.00	7,252.31	7,238.45	7,238.27	97.71	30.94	-90.57	-3,566.68	1,017.56	3,352.56	3,266.82	85.73	39.104		
10,600.00	7,253.12	7,238.40	7,238.22	100.33	30.94	-90.56	-3,566.68	1,017.56	3,440.82	3,354.85	85.97	40.026		
10,700.00	7,253.93	7,238.35	7,238.17	102.96	30.94	-90.56	-3,566.68	1,017.56	3,529.70	3,443.52	86.18	40.956		
10,800.00	7,254.74	7,238.29	7,238.12	105.61	30.94	-90.56	-3,566.68	1,017.56	3,619.17	3,532.78	86.39	41.895		
10,900.00	7,255.55	7,238.24	7,238.06	108.26	30.94	-90.56	-3,566.69	1,017.56	3,709.18	3,622.60	86.58	42.842		
11,000.00	7,256.35	7,238.19	7,238.01	110.92	30.94	-90.56	-3,566.69	1,017.56	3,799.68	3,712.92	86.76	43.795		
11,100.00	7,257.16	7,238.14	7,237.96	113.60	30.94	-90.55	-3,566.69	1,017.56	3,890.65	3,803.72	86.93	44.756		
11,200.00	7,257.97	7,238.09	7,237.91	116.28	30.94	-90.55	-3,566.69	1,017.56	3,982.05	3,894.96	87.09	45.722		
11,300.00	7,258.78	7,238.04	7,237.86	118.97	30.94	-90.55	-3,566.69	1,017.55	4,073.86	3,986.61	87.25	46.694		
11,400.00	7,259.58	7,237.99	7,237.81	121.67	30.94	-90.55	-3,566.69	1,017.55	4,166.05	4,078.65	87.39	47.670		
11,500.00	7,260.39	7,237.94	7,237.76	124.38	30.94	-90.55	-3,566.69	1,017.55	4,258.58	4,171.05	87.53	48.652		
11,600.00	7,261.20	7,237.89	7,237.71	127.09	30.94	-90.55	-3,566.69	1,017.55	4,351.45	4,263.79	87.66	49.638		
11,700.00	7,262.01	7,237.84	7,237.66	129.81	30.94	-90.54	-3,566.69	1,017.55	4,444.63	4,356.84	87.79	50.627		
11,800.00	7,262.82	7,237.79	7,237.61	132.53	30.94	-90.54	-3,566.69	1,017.55	4,538.09	4,450.18	87.91	51.621		
11,900.00	7,263.62	7,237.74	7,237.56	135.26	30.94	-90.54	-3,566.69	1,017.55	4,631.83	4,543.81	88.03	52.617		
12,000.00	7,264.43	7,237.69	7,237.51	138.00	30.94	-90.54	-3,566.69	1,017.55	4,725.83	4,637.69	88.14	53.617		
12,100.00	7,265.24	7,237.64	7,237.46	140.74	30.94	-90.54	-3,566.69	1,017.55	4,820.07	4,731.82	88.25	54.620		
12,200.00	7,266.05	7,237.58	7,237.41	143.49	30.94	-90.53	-3,566.69	1,017.55	4,914.54	4,826.18	88.35	55.625		
12,300.00	7,266.86	7,237.53	7,237.35	146.24	30.94	-90.53	-3,566.69	1,017.55	5,009.22	4,920.76	88.45	56.632		
12,400.00	7,267.66	7,237.48	7,237.30	148.99	30.94	-90.53	-3,566.69	1,017.55	5,104.10	5,015.55	88.55	57.642		
12,500.00	7,268.47	7,237.43	7,237.25	151.75	30.94	-90.53	-3,566.69	1,017.55	5,199.18	5,110.53	88.64	58.654		
12,600.00	7,269.28	7,237.38	7,237.20	154.51	30.94	-90.53	-3,566.69	1,017.55	5,294.43	5,205.70	88.73	59.667		
12,700.00	7,270.09	7,237.33	7,237.15	157.27	30.94	-90.53	-3,566.70	1,017.55	5,389.86	5,301.04	88.82	60.682		
12,800.00	7,270.89	7,237.28	7,237.10	160.04	30.94	-90.52	-3,566.70	1,017.55	5,485.45	5,396.55	88.91	61.698		
12,900.00	7,271.70	7,237.23	7,237.05	162.81	30.94	-90.52	-3,566.70	1,017.55	5,581.20	5,492.21	88.99	62.716		
13,000.00	7,272.51	7,237.18	7,237.00	165.58	30.94	-90.52	-3,566.70	1,017.55	5,677.09	5,588.02	89.07	63.735		
13,100.00	7,273.32	7,237.13	7,236.95	168.36	30.94	-90.52	-3,566.70	1,017.55	5,773.12	5,683.97	89.15	64.755		
13,200.00	7,274.13	7,237.08	7,236.90	171.14	30.94	-90.52	-3,566.70	1,017.55	5,869.29	5,780.06	89.23	65.775		
13,300.00	7,274.93	7,237.03	7,236.85	173.92	30.94	-90.51	-3,566.70	1,017.55	5,965.58	5,876.27	89.31	66.797		
13,400.00	7,275.74	7,236.98	7,236.80	176.71	30.94	-90.51	-3,566.70	1,017.55	6,061.99	5,972.61	89.39	67.819		
13,500.00	7,276.55	7,236.93	7,236.75	179.49	30.94	-90.51	-3,566.70	1,017.55	6,158.52	6,069.06	89.46	68.842		
13,555.88	7,277.00	7,236.90	7,236.72	181.05	30.94	-90.51	-3,566.70	1,017.54	6,212.51	6,123.01	89.50	69.413		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	136.83	-1,051.01	985.90	1,441.50					
100.00	100.00	69.18	69.18	3.28	3.28	136.83	-1,050.95	985.78	1,440.93	1,434.37	6.57	219.383		
200.00	200.00	173.45	173.44	3.34	3.32	136.84	-1,050.66	985.26	1,440.39	1,433.73	6.66	216.280		
300.00	299.98	271.45	271.45	3.44	3.41	-9.12	-1,050.30	984.74	1,438.04	1,431.18	6.86	209.757		
400.00	399.84	373.65	373.64	3.59	3.56	-9.17	-1,049.99	984.27	1,432.33	1,425.17	7.16	200.152		
500.00	499.45	475.80	475.79	3.79	3.75	-9.25	-1,049.48	983.62	1,422.93	1,415.38	7.55	188.457		
600.00	598.70	574.97	574.96	4.04	3.98	-9.37	-1,048.90	982.96	1,410.03	1,402.01	8.02	175.862		
700.00	697.47	675.02	675.01	4.32	4.24	-9.52	-1,048.35	982.22	1,393.70	1,385.15	8.55	162.921		
800.00	795.62	775.16	775.14	4.64	4.52	-9.71	-1,047.81	981.27	1,373.85	1,364.70	9.15	150.177		
900.00	893.06	871.78	871.75	5.01	4.82	-9.94	-1,047.26	980.25	1,350.56	1,340.78	9.78	138.113		
1,000.00	989.64	968.91	968.87	5.41	5.13	-10.21	-1,046.74	979.27	1,324.00	1,313.55	10.45	126.692		
1,100.00	1,085.27	1,063.95	1,063.91	5.85	5.45	-10.53	-1,046.27	978.15	1,294.08	1,282.94	11.15	116.067		
1,200.00	1,179.82	1,157.06	1,157.01	6.33	5.77	-10.91	-1,045.82	977.16	1,261.01	1,249.14	11.87	106.223		
1,300.00	1,273.78	1,251.88	1,251.83	6.85	6.11	-11.21	-1,045.24	976.33	1,226.38	1,213.76	12.62	97.203		
1,400.00	1,367.75	1,346.43	1,346.37	7.38	6.46	-11.52	-1,044.55	975.37	1,191.61	1,178.23	13.38	89.087		
1,500.00	1,461.72	1,439.20	1,439.13	7.93	6.81	-11.84	-1,043.97	974.40	1,156.92	1,142.77	14.15	81.769		
1,600.00	1,555.69	1,531.92	1,531.84	8.49	7.16	-12.19	-1,043.33	973.55	1,122.31	1,107.37	14.94	75.133		
1,700.00	1,649.66	1,624.26	1,624.18	9.07	7.51	-12.56	-1,042.72	972.84	1,087.86	1,072.12	15.74	69.115		
1,800.00	1,743.63	1,718.02	1,717.93	9.65	7.88	-12.94	-1,042.35	971.95	1,053.50	1,036.94	16.56	63.625		
1,900.00	1,837.60	1,812.22	1,812.13	10.24	8.24	-13.35	-1,041.93	970.97	1,019.09	1,001.71	17.39	58.611		
2,000.00	1,931.57	1,898.49	1,898.40	10.83	8.59	-13.76	-1,041.66	970.44	985.11	966.90	18.21	54.093		
2,100.00	2,025.54	1,989.72	1,989.62	11.43	8.95	-14.21	-1,041.80	970.13	951.67	932.62	19.05	49.946		
2,200.00	2,119.51	2,082.08	2,081.99	12.03	9.31	-14.68	-1,042.33	969.75	918.51	898.61	19.91	46.142		
2,300.00	2,213.48	2,175.05	2,174.95	12.64	9.69	-15.19	-1,042.99	969.45	885.55	864.79	20.77	42.643		
2,400.00	2,307.45	2,269.95	2,269.85	13.25	10.07	-15.75	-1,043.65	969.21	852.70	831.07	21.64	39.409		
2,500.00	2,401.42	2,364.52	2,364.42	13.87	10.45	-16.33	-1,044.41	968.73	819.82	797.30	22.51	36.413		
2,600.00	2,495.39	2,457.67	2,457.56	14.48	10.83	-16.96	-1,045.16	968.28	787.03	763.64	23.40	33.638		
2,700.00	2,589.35	2,551.24	2,551.13	15.10	11.21	-17.65	-1,045.90	968.01	754.48	730.20	24.29	31.064		
2,800.00	2,683.32	2,645.07	2,644.96	15.72	11.59	-18.40	-1,046.64	967.77	722.05	696.87	25.19	28.668		
2,900.00	2,777.29	2,738.94	2,738.81	16.34	11.98	-19.22	-1,047.50	967.53	689.83	663.74	26.09	26.437		
3,000.00	2,871.26	2,832.83	2,832.71	16.97	12.36	-20.13	-1,048.19	967.40	657.73	630.72	27.01	24.352		
3,100.00	2,965.23	2,926.08	2,925.95	17.59	12.75	-21.13	-1,049.00	967.38	625.95	598.01	27.94	22.406		
3,200.00	3,059.20	3,020.83	3,020.70	18.22	13.14	-22.25	-1,049.81	967.35	594.37	565.50	28.87	20.587		
3,300.00	3,153.17	3,115.84	3,115.71	18.84	13.53	-23.48	-1,050.65	967.18	562.90	533.08	29.82	18.878		
3,400.00	3,247.14	3,210.89	3,210.75	19.47	13.93	-24.88	-1,051.31	966.92	531.53	500.75	30.78	17.269		
3,500.00	3,341.11	3,304.40	3,304.26	20.10	14.32	-26.42	-1,051.91	966.68	500.47	468.71	31.76	15.757		
3,600.00	3,435.08	3,396.86	3,396.71	20.73	14.70	-28.11	-1,052.82	966.52	470.02	437.25	32.77	14.342		
3,700.00	3,529.05	3,487.04	3,486.88	21.36	15.08	-29.89	-1,054.49	966.59	440.60	406.78	33.81	13.030		
3,800.00	3,623.02	3,579.07	3,578.87	21.99	15.46	-31.86	-1,057.12	967.05	412.44	377.57	34.87	11.827		
3,900.00	3,716.99	3,673.37	3,673.12	22.62	15.86	-34.12	-1,060.17	967.79	385.24	349.29	35.95	10.715		
4,000.00	3,810.95	3,768.59	3,768.28	23.25	16.26	-36.73	-1,063.23	968.58	358.73	321.66	37.07	9.678		
4,100.00	3,904.92	3,864.36	3,864.01	23.88	16.66	-39.79	-1,066.13	969.28	332.91	294.69	38.22	8.710		
4,200.00	3,998.89	3,959.84	3,959.46	24.52	17.06	-43.36	-1,068.78	969.79	307.90	268.46	39.43	7.808		
4,300.00	4,092.86	4,054.79	4,054.36	25.15	17.46	-47.49	-1,071.39	970.18	284.11	243.40	40.71	6.979		
4,400.00	4,186.83	4,149.79	4,149.33	25.78	17.86	-52.36	-1,073.78	970.58	262.04	219.98	42.06	6.230		
4,500.00	4,280.80	4,244.59	4,244.11	26.42	18.26	-58.06	-1,075.96	970.86	242.08	198.61	43.47	5.569		
4,600.00	4,374.77	4,339.21	4,338.71	27.05	18.66	-64.65	-1,077.97	971.18	225.06	180.14	44.92	5.010		
4,700.00	4,468.74	4,434.23	4,433.70	27.68	19.06	-72.21	-1,079.78	971.34	211.56	165.21	46.35	4.564		
4,800.00	4,562.71	4,529.17	4,528.64	28.32	19.46	-80.59	-1,081.47	971.20	202.24	154.56	47.68	4.242		
4,900.00	4,656.68	4,623.71	4,623.15	28.95	19.86	-89.45	-1,083.22	970.93	197.86	149.06	48.80	4.054		
4,929.61	4,684.50	4,651.55	4,650.99	29.14	19.98	-92.11	-1,083.73	970.86	197.61	148.53	49.09	4.026 CC, ES		
5,000.00	4,750.65	4,717.63	4,717.06	29.59	20.25	-98.40	-1,084.87	970.72	199.02	149.36	49.67	4.007 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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,844.62	4,811.15	4,810.57	30.23	20.65	-107.01	-1,086.26	970.74	205.87	155.61	50.26	4.096		
5,200.00	4,938.59	4,904.76	4,904.17	30.86	21.04	-114.91	-1,087.45	971.11	217.94	167.25	50.69	4.300		
5,300.00	5,032.56	4,998.40	4,997.81	31.50	21.44	-121.97	-1,088.32	971.51	234.38	183.35	51.03	4.593		
5,400.00	5,126.52	5,093.35	5,092.75	32.13	21.84	-128.25	-1,089.06	971.58	254.17	202.78	51.39	4.946		
5,500.00	5,220.49	5,186.31	5,185.71	32.77	22.23	-133.57	-1,089.69	971.49	276.69	224.94	51.75	5.347		
5,600.00	5,314.46	5,279.79	5,279.19	33.41	22.63	-138.13	-1,089.99	971.46	301.65	249.46	52.19	5.780		
5,700.00	5,408.43	5,373.99	5,373.39	34.04	23.03	-142.07	-1,090.21	971.22	328.31	275.60	52.71	6.229		
5,800.00	5,502.40	5,466.62	5,466.02	34.68	23.42	-145.43	-1,090.35	970.65	356.33	303.08	53.24	6.692		
5,900.00	5,596.37	5,558.78	5,558.17	35.32	23.81	-148.34	-1,090.06	969.83	385.85	332.03	53.82	7.169		
6,000.00	5,690.34	5,651.02	5,650.41	35.96	24.20	-150.85	-1,089.43	969.03	416.54	362.09	54.45	7.650		
6,100.00	5,784.31	5,744.00	5,743.38	36.59	24.60	-153.04	-1,088.53	968.17	448.16	393.02	55.14	8.128		
6,200.00	5,878.28	5,837.78	5,837.16	37.23	24.99	-154.94	-1,087.63	967.50	480.28	424.40	55.88	8.595		
6,300.00	5,972.25	5,931.41	5,930.78	37.87	25.39	-156.59	-1,086.71	966.92	512.82	456.18	56.65	9.053		
6,400.00	6,066.22	6,023.86	6,023.22	38.51	25.78	-158.03	-1,085.85	966.33	545.66	488.25	57.40	9.506		
6,500.00	6,160.19	6,111.39	6,110.73	39.14	26.15	-159.23	-1,084.32	965.76	579.52	521.45	58.07	9.979		
6,600.00	6,254.16	6,203.10	6,202.42	39.78	26.54	-160.36	-1,082.20	965.02	614.16	555.31	58.85	10.436		
6,700.00	6,348.13	6,290.58	6,289.86	40.42	26.91	-161.31	-1,079.68	964.26	649.52	589.98	59.55	10.908		
6,800.00	6,442.09	6,385.29	6,384.51	41.06	27.31	-162.19	-1,076.48	963.89	685.36	624.94	60.42	11.343		
6,869.92	6,507.80	6,456.76	6,455.95	41.51	27.61	-162.76	-1,074.32	964.18	710.11	648.97	61.14	11.614		
6,900.00	6,536.18	6,488.33	6,487.51	41.69	27.75	-170.66	-1,073.59	964.39	720.39	658.92	61.47	11.719		
6,950.00	6,583.76	6,541.93	6,541.11	41.98	27.97	-174.71	-1,072.70	964.81	736.34	674.32	62.03	11.871		
7,000.00	6,631.58	6,596.22	6,595.39	42.23	28.20	-159.11	-1,072.29	965.26	750.79	688.20	62.59	11.995		
7,050.00	6,679.34	6,647.02	6,646.19	42.44	28.42	-144.26	-1,072.28	965.61	763.78	700.68	63.10	12.105		
7,100.00	6,726.76	6,697.36	6,696.53	42.62	28.63	-131.71	-1,072.53	965.75	775.48	711.87	63.60	12.192		
7,150.00	6,773.53	6,744.67	6,743.83	42.78	28.83	-121.95	-1,072.91	965.75	786.02	721.94	64.08	12.267		
7,200.00	6,819.38	6,790.95	6,790.11	42.91	29.03	-114.74	-1,073.32	965.69	795.61	731.04	64.57	12.322		
7,250.00	6,864.01	6,837.30	6,836.46	43.03	29.22	-109.59	-1,073.80	965.57	804.37	739.27	65.09	12.357		
7,300.00	6,907.16	6,882.54	6,881.70	43.14	29.42	-106.00	-1,074.38	965.38	812.44	746.79	65.65	12.375		
7,350.00	6,948.56	6,924.74	6,923.89	43.24	29.60	-103.48	-1,075.00	965.16	820.07	753.84	66.22	12.383		
7,400.00	6,987.94	6,964.09	6,963.24	43.35	29.76	-101.74	-1,075.58	964.94	827.59	760.76	66.82	12.385		
7,450.00	7,025.08	7,001.25	7,000.39	43.46	29.92	-100.58	-1,076.11	964.72	835.26	767.79	67.47	12.380		
7,500.00	7,059.73	7,036.54	7,035.68	43.57	30.07	-99.84	-1,076.62	964.52	843.33	775.16	68.17	12.371		
7,550.00	7,091.70	7,069.09	7,068.23	43.70	30.21	-99.33	-1,077.09	964.35	852.05	783.13	68.92	12.363		
7,600.00	7,120.77	7,098.70	7,097.83	43.84	30.34	-98.93	-1,077.53	964.21	861.65	791.94	69.72	12.359		
7,650.00	7,146.77	7,125.02	7,124.15	44.00	30.45	-98.53	-1,077.93	964.09	872.37	801.82	70.55	12.366		
7,700.00	7,169.54	7,148.11	7,147.23	44.18	30.55	-98.05	-1,078.27	963.99	884.38	812.97	71.41	12.385		
7,750.00	7,188.94	7,167.81	7,166.93	44.38	30.63	-97.41	-1,078.57	963.90	897.81	825.53	72.28	12.421		
7,800.00	7,204.85	7,184.01	7,183.13	44.61	30.70	-96.58	-1,078.81	963.83	912.74	839.59	73.15	12.477		
7,850.00	7,217.17	7,196.61	7,195.73	44.88	30.75	-95.50	-1,079.00	963.77	929.19	855.19	74.01	12.556		
7,900.00	7,225.83	7,205.54	7,204.66	45.17	30.79	-94.15	-1,079.13	963.73	947.13	872.31	74.82	12.659		
7,950.00	7,230.77	7,210.73	7,209.85	45.50	30.81	-92.52	-1,079.21	963.71	966.48	890.89	75.58	12.787		
7,985.49	7,232.00	7,212.14	7,211.25	45.75	30.82	-91.19	-1,079.23	963.70	980.98	904.90	76.09	12.893		
8,000.00	7,232.12	7,212.32	7,211.44	45.86	30.82	-91.20	-1,079.24	963.70	987.12	910.84	76.28	12.941		
8,100.00	7,232.93	7,213.60	7,212.71	46.71	30.82	-91.29	-1,079.25	963.69	1,034.00	956.46	77.54	13.336		
8,200.00	7,233.74	7,214.87	7,213.98	47.73	30.83	-91.37	-1,079.27	963.69	1,088.07	1,009.47	78.60	13.843		
8,300.00	7,234.54	7,216.14	7,215.26	48.94	30.84	-91.45	-1,079.29	963.68	1,148.31	1,068.84	79.48	14.448		
8,400.00	7,235.35	7,217.42	7,216.53	50.32	30.84	-91.53	-1,079.31	963.68	1,213.82	1,133.63	80.19	15.137		
8,500.00	7,236.16	7,218.69	7,217.80	51.86	30.85	-91.61	-1,079.33	963.67	1,283.78	1,203.02	80.76	15.896		
8,600.00	7,236.97	7,219.96	7,219.08	53.54	30.85	-91.70	-1,079.35	963.66	1,357.50	1,276.29	81.21	16.715		
8,700.00	7,237.77	7,221.24	7,220.35	55.33	30.86	-91.78	-1,079.37	963.66	1,434.41	1,352.84	81.57	17.585		
8,800.00	7,238.58	7,222.51	7,221.63	57.24	30.86	-91.86	-1,079.39	963.65	1,514.02	1,432.16	81.85	18.497		
8,900.00	7,239.39	7,223.79	7,222.90	59.24	30.87	-91.94	-1,079.41	963.65	1,595.92	1,513.85	82.07	19.446		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,000.00	7,240.20	7,225.06	7,224.17	61.31	30.87	92.02	-1,079.43	963.64	1,679.78	1,597.54	82.24	20.425		
9,100.00	7,241.01	7,226.33	7,225.45	63.46	30.88	92.10	-1,079.45	963.64	1,765.33	1,682.95	82.37	21.431		
9,200.00	7,241.81	7,227.61	7,226.72	65.67	30.88	92.19	-1,079.46	963.63	1,852.32	1,769.84	82.47	22.459		
9,300.00	7,242.62	7,228.88	7,228.00	67.93	30.89	92.27	-1,079.48	963.62	1,940.56	1,858.01	82.55	23.507		
9,400.00	7,243.43	7,230.16	7,229.27	70.25	30.90	92.35	-1,079.50	963.62	2,029.90	1,947.29	82.61	24.572		
9,500.00	7,244.24	7,231.43	7,230.54	72.60	30.90	92.43	-1,079.52	963.61	2,120.18	2,037.53	82.65	25.651		
9,600.00	7,245.04	7,232.70	7,231.82	74.99	30.91	92.51	-1,079.54	963.61	2,211.31	2,128.62	82.69	26.743		
9,700.00	7,245.85	7,233.98	7,233.09	77.42	30.91	92.60	-1,079.56	963.60	2,303.16	2,220.45	82.71	27.846		
9,800.00	7,246.66	7,235.25	7,234.37	79.87	30.92	92.68	-1,079.58	963.60	2,395.67	2,312.95	82.73	28.959		
9,900.00	7,247.47	7,236.53	7,235.64	82.36	30.92	92.76	-1,079.60	963.59	2,488.76	2,406.02	82.74	30.081		
10,000.00	7,248.28	7,237.80	7,236.91	84.87	30.93	92.84	-1,079.62	963.58	2,582.36	2,499.62	82.74	31.209		
10,100.00	7,249.08	7,239.08	7,238.19	87.40	30.93	92.92	-1,079.64	963.58	2,676.43	2,593.68	82.75	32.345		
10,200.00	7,249.89	7,240.35	7,239.46	89.95	30.94	93.00	-1,079.66	963.57	2,770.91	2,688.16	82.75	33.486		
10,300.00	7,250.70	7,241.62	7,240.74	92.52	30.94	93.09	-1,079.68	963.57	2,865.77	2,783.02	82.75	34.633		
10,400.00	7,251.51	7,242.90	7,242.01	95.11	30.95	93.17	-1,079.69	963.56	2,960.96	2,878.21	82.75	35.784		
10,500.00	7,252.31	7,244.17	7,243.28	97.71	30.96	93.25	-1,079.71	963.56	3,056.46	2,973.72	82.74	36.938		
10,600.00	7,253.12	7,245.45	7,244.56	100.33	30.96	93.33	-1,079.73	963.55	3,152.24	3,069.50	82.74	38.097		
10,700.00	7,253.93	7,246.72	7,245.83	102.96	30.97	93.41	-1,079.75	963.54	3,248.27	3,165.53	82.74	39.258		
10,800.00	7,254.74	7,248.00	7,247.11	105.61	30.97	93.50	-1,079.77	963.54	3,344.54	3,261.80	82.74	40.423		
10,900.00	7,255.55	7,249.27	7,248.38	108.26	30.98	93.58	-1,079.79	963.53	3,441.01	3,358.27	82.74	41.589		
11,000.00	7,256.35	7,250.54	7,249.66	110.92	30.98	93.66	-1,079.81	963.53	3,537.68	3,454.95	82.74	42.758		
11,100.00	7,257.16	7,251.82	7,250.93	113.60	30.99	93.74	-1,079.83	963.52	3,634.54	3,551.80	82.74	43.928		
11,200.00	7,257.97	7,253.09	7,252.20	116.28	30.99	93.82	-1,079.85	963.52	3,731.55	3,648.81	82.74	45.100		
11,300.00	7,258.78	7,254.37	7,253.48	118.97	31.00	93.90	-1,079.87	963.51	3,828.72	3,745.98	82.74	46.273		
11,400.00	7,259.58	7,255.64	7,254.75	121.67	31.00	93.99	-1,079.89	963.50	3,926.04	3,843.29	82.74	47.448		
11,500.00	7,260.39	7,256.92	7,256.03	124.38	31.01	94.07	-1,079.91	963.50	4,023.48	3,940.73	82.75	48.623		
11,600.00	7,261.20	7,258.19	7,257.30	127.09	31.01	94.15	-1,079.92	963.49	4,121.05	4,038.29	82.75	49.799		
11,700.00	7,262.01	7,259.47	7,258.58	129.81	31.02	94.23	-1,079.94	963.49	4,218.73	4,135.96	82.76	50.975		
11,800.00	7,262.82	7,260.74	7,259.85	132.53	31.03	94.31	-1,079.96	963.48	4,316.51	4,233.74	82.77	52.152		
11,900.00	7,263.62	7,262.02	7,261.13	135.26	31.03	94.39	-1,079.98	963.48	4,414.39	4,331.62	82.78	53.329		
12,000.00	7,264.43	7,263.29	7,262.40	138.00	31.04	94.47	-1,080.00	963.47	4,512.37	4,429.58	82.79	54.506		
12,100.00	7,265.24	7,264.57	7,263.67	140.74	31.04	94.56	-1,080.02	963.46	4,610.43	4,527.64	82.80	55.683		
12,200.00	7,266.05	7,265.84	7,264.95	143.49	31.05	94.64	-1,080.04	963.46	4,708.58	4,625.77	82.81	56.860		
12,300.00	7,266.86	7,267.12	7,266.22	146.24	31.05	94.72	-1,080.06	963.45	4,806.80	4,723.98	82.82	58.036		
12,400.00	7,267.66	7,268.39	7,267.50	148.99	31.06	94.80	-1,080.08	963.45	4,905.09	4,822.25	82.84	59.213		
12,500.00	7,268.47	7,269.66	7,268.77	151.75	31.06	94.88	-1,080.10	963.44	5,003.45	4,920.60	82.85	60.389		
12,600.00	7,269.28	7,270.94	7,270.05	154.51	31.07	94.96	-1,080.12	963.44	5,101.87	5,019.00	82.87	61.564		
12,700.00	7,270.09	7,272.21	7,271.32	157.27	31.07	95.05	-1,080.14	963.43	5,200.36	5,117.47	82.89	62.739		
12,800.00	7,270.89	7,273.49	7,272.60	160.04	31.08	95.13	-1,080.15	963.42	5,298.90	5,215.99	82.91	63.913		
12,900.00	7,271.70	7,274.76	7,273.87	162.81	31.09	95.21	-1,080.17	963.42	5,397.49	5,314.56	82.93	65.086		
13,000.00	7,272.51	7,276.04	7,275.15	165.58	31.09	95.29	-1,080.19	963.41	5,496.13	5,413.18	82.95	66.258		
13,100.00	7,273.32	7,277.31	7,276.42	168.36	31.10	95.37	-1,080.21	963.41	5,594.82	5,511.85	82.97	67.430		
13,200.00	7,274.13	7,278.59	7,277.70	171.14	31.10	95.45	-1,080.23	963.40	5,693.56	5,610.56	83.00	68.600		
13,300.00	7,274.93	7,279.86	7,278.97	173.92	31.11	95.53	-1,080.25	963.40	5,792.34	5,709.32	83.02	69.769		
13,400.00	7,275.74	7,281.14	7,280.25	176.71	31.11	95.62	-1,080.27	963.39	5,891.16	5,808.11	83.05	70.938		
13,500.00	7,276.55	7,282.41	7,281.52	179.49	31.12	95.70	-1,080.29	963.38	5,990.02	5,906.94	83.07	72.105		
13,555.88	7,277.00	7,283.13	7,282.23	181.05	31.12	95.74	-1,080.30	963.38	6,045.28	5,962.19	83.09	72.756		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	73.79	272.51	937.46	976.97					
100.00	100.00	65.11	65.11	3.28	3.28	73.79	272.58	937.37	976.20	969.63	6.57	148.636		
200.00	200.00	167.67	167.67	3.34	3.32	73.76	272.84	936.91	975.84	969.18	6.66	146.614		
300.00	299.98	266.94	266.94	3.44	3.41	-72.32	273.04	936.34	974.82	967.97	6.85	142.320		
400.00	399.84	362.96	362.95	3.59	3.54	-72.64	273.13	936.08	973.00	965.87	7.13	136.396		
500.00	499.45	456.91	456.91	3.79	3.71	-73.15	273.15	936.32	970.69	963.19	7.50	129.378		
600.00	598.70	547.98	547.97	4.04	3.91	-73.79	272.96	937.28	968.15	960.21	7.94	121.860		
700.00	697.47	639.52	639.49	4.32	4.14	-74.61	272.64	939.20	965.74	957.28	8.46	114.173		
800.00	795.62	735.04	734.97	4.64	4.41	-75.63	272.17	941.73	963.13	954.08	9.05	106.462		
900.00	893.06	831.28	831.18	5.01	4.70	-76.85	271.50	944.56	960.23	950.53	9.70	99.018		
1,000.00	989.64	928.49	928.33	5.41	5.01	-78.27	270.79	947.61	957.19	946.78	10.41	91.968		
1,100.00	1,085.27	1,027.89	1,027.68	5.85	5.34	-79.93	269.80	950.48	953.79	942.61	11.18	85.313		
1,200.00	1,179.82	1,121.09	1,120.84	6.33	5.67	-81.68	268.74	953.27	950.66	938.68	11.98	79.323		
1,300.00	1,273.78	1,214.90	1,214.60	6.85	6.00	-83.48	267.87	956.19	948.47	935.64	12.83	73.906		
1,400.00	1,367.75	1,313.42	1,313.07	7.38	6.36	-85.38	266.89	959.05	947.15	933.42	13.73	68.998		
1,481.27	1,444.12	1,389.81	1,389.43	7.83	6.65	-86.87	266.27	961.06	946.76	932.30	14.46	65.489 CC		
1,500.00	1,461.72	1,407.38	1,406.99	7.93	6.71	-87.21	266.17	961.50	946.78	932.16	14.63	64.731		
1,600.00	1,555.69	1,501.03	1,500.62	8.49	7.06	-89.05	265.64	963.94	947.61	932.07	15.54	60.975 ES		
1,700.00	1,649.66	1,599.01	1,598.56	9.07	7.44	-90.97	265.11	966.32	949.42	932.94	16.49	57.592		
1,800.00	1,743.63	1,704.71	1,704.25	9.65	7.84	-93.07	264.51	967.90	951.63	934.16	17.47	54.476		
1,900.00	1,837.60	1,804.48	1,804.01	10.24	8.23	-95.07	263.76	968.44	954.16	935.73	18.44	51.758		
2,000.00	1,931.57	1,899.90	1,899.43	10.83	8.60	-96.97	262.88	968.66	957.53	938.14	19.39	49.385		
2,100.00	2,025.54	1,990.19	1,989.72	11.43	8.96	-98.76	262.20	968.89	962.16	941.84	20.32	47.340		
2,200.00	2,119.51	2,089.07	2,088.59	12.03	9.35	-100.71	261.58	969.04	967.95	946.66	21.30	45.453		
2,300.00	2,213.48	2,181.85	2,181.37	12.64	9.72	-102.52	260.84	969.00	974.63	952.39	22.24	43.822		
2,400.00	2,307.45	2,274.86	2,274.38	13.25	10.10	-104.31	260.23	969.07	982.58	959.39	23.18	42.381		
2,500.00	2,401.42	2,364.89	2,364.40	13.87	10.46	-106.02	259.80	969.23	991.81	967.70	24.11	41.135		
2,600.00	2,495.39	2,456.13	2,455.64	14.48	10.83	-107.74	259.81	969.51	1,002.51	977.47	25.04	40.040		
2,700.00	2,589.35	2,550.65	2,550.17	15.10	11.21	-109.48	259.91	969.82	1,014.34	988.36	25.98	39.048		
2,800.00	2,683.32	2,647.68	2,647.20	15.72	11.61	-111.24	259.93	969.95	1,027.00	1,000.07	26.92	38.146		
2,900.00	2,777.29	2,744.94	2,744.45	16.34	12.01	-112.96	259.72	969.79	1,040.29	1,012.42	27.87	37.332		
3,000.00	2,871.26	2,843.62	2,843.14	16.97	12.41	-114.68	259.36	969.32	1,054.25	1,025.44	28.81	36.591		
3,100.00	2,965.23	2,944.32	2,943.83	17.59	12.83	-116.37	258.30	968.76	1,068.51	1,038.74	29.76	35.899		
3,200.00	3,059.20	3,036.42	3,035.92	18.22	13.21	-117.88	256.98	968.22	1,083.30	1,052.63	30.67	35.324		
3,300.00	3,153.17	3,122.95	3,122.45	18.84	13.57	-119.26	256.38	967.90	1,099.61	1,068.07	31.53	34.871		
3,400.00	3,247.14	3,218.69	3,218.18	19.47	13.96	-120.74	255.73	967.71	1,116.80	1,084.35	32.45	34.420		
3,500.00	3,341.11	3,308.69	3,308.17	20.10	14.34	-122.08	255.14	967.87	1,134.89	1,101.57	33.32	34.059		
3,600.00	3,435.08	3,400.77	3,400.25	20.73	14.72	-123.39	254.59	968.59	1,153.93	1,119.72	34.21	33.735		
3,700.00	3,529.05	3,488.57	3,488.04	21.36	15.09	-124.57	254.15	970.00	1,173.95	1,138.89	35.06	33.484		
3,800.00	3,623.02	3,600.16	3,599.60	21.99	15.56	-125.98	252.97	972.43	1,194.24	1,158.17	36.07	33.110		
3,900.00	3,716.99	3,698.43	3,697.84	22.62	15.97	-127.21	251.19	973.78	1,214.11	1,177.13	36.99	32.825		
4,000.00	3,810.95	3,783.12	3,782.52	23.25	16.32	-128.27	250.06	974.31	1,234.75	1,196.94	37.81	32.655		
4,100.00	3,904.92	3,871.78	3,871.18	23.88	16.69	-129.35	249.52	974.78	1,256.54	1,217.88	38.66	32.505		
4,200.00	3,998.89	3,960.73	3,960.12	24.52	17.07	-130.43	249.44	974.88	1,279.21	1,239.71	39.50	32.387		
4,300.00	4,092.86	4,056.63	4,056.02	25.15	17.47	-131.55	249.54	975.20	1,302.61	1,262.22	40.39	32.255		
4,400.00	4,186.83	4,154.97	4,154.36	25.78	17.88	-132.66	249.31	975.20	1,326.09	1,284.80	41.29	32.118		
4,500.00	4,280.80	4,254.49	4,253.88	26.42	18.30	-133.77	248.88	974.90	1,349.78	1,307.59	42.20	31.987		
4,600.00	4,374.77	4,354.43	4,353.82	27.05	18.72	-134.84	247.97	974.29	1,373.42	1,330.31	43.11	31.859		
4,700.00	4,468.74	4,465.57	4,464.94	27.68	19.19	-136.00	246.31	973.51	1,396.96	1,352.86	44.10	31.678		
4,800.00	4,562.71	4,594.10	4,593.39	28.32	19.73	-137.30	241.94	971.92	1,419.02	1,373.82	45.19	31.400		
4,900.00	4,656.68	4,715.54	4,714.62	28.95	20.25	-138.49	235.22	969.91	1,439.39	1,393.17	46.23	31.138		
5,000.00	4,750.65	4,807.17	4,806.07	29.59	20.64	-139.34	229.51	968.86	1,459.52	1,412.43	47.09	30.996		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,844.62	4,897.12	4,895.85	30.23	21.02	-140.14	224.02	968.25	1,480.17	1,432.23	47.94	30.877		
5,200.00	4,938.59	4,984.17	4,982.75	30.86	21.39	-140.89	219.11	967.60	1,501.56	1,452.79	48.77	30.791		
5,300.00	5,032.56	5,062.62	5,061.10	31.50	21.73	-141.57	215.30	966.81	1,524.00	1,474.47	49.53	30.768		
5,400.00	5,126.52	5,141.86	5,140.29	32.13	22.06	-142.23	212.37	966.10	1,547.83	1,497.54	50.30	30.774		
5,500.00	5,220.49	5,221.73	5,220.12	32.77	22.40	-142.89	210.12	965.25	1,572.79	1,521.73	51.06	30.805		
5,600.00	5,314.46	5,296.56	5,294.94	33.41	22.72	-143.50	208.86	964.32	1,599.09	1,547.32	51.77	30.888		
5,700.00	5,408.43	5,383.10	5,381.47	34.04	23.08	-144.19	208.14	963.05	1,626.46	1,573.89	52.57	30.939		
5,800.00	5,502.40	5,461.17	5,459.52	34.68	23.41	-144.80	207.99	961.67	1,654.69	1,601.40	53.29	31.048		
5,900.00	5,596.37	5,538.10	5,536.43	35.32	23.73	-145.40	208.65	960.09	1,684.15	1,630.15	54.00	31.188		
6,000.00	5,690.34	5,623.87	5,622.17	35.96	24.09	-146.04	210.13	958.25	1,714.67	1,659.89	54.78	31.300		
6,100.00	5,784.31	5,745.04	5,743.31	36.59	24.60	-146.91	211.38	956.04	1,744.80	1,688.92	55.88	31.224		
6,200.00	5,878.28	5,859.93	5,858.19	37.23	25.09	-147.70	210.66	954.16	1,773.54	1,716.62	56.92	31.160		
6,300.00	5,972.25	5,959.67	5,957.92	37.87	25.51	-148.34	209.47	953.25	1,801.93	1,744.10	57.83	31.159		
6,400.00	6,066.22	6,050.47	6,048.69	38.51	25.89	-148.90	208.28	952.41	1,830.40	1,771.73	58.67	31.198		
6,500.00	6,160.19	6,139.67	6,137.89	39.14	26.27	-149.43	207.45	951.79	1,859.38	1,799.88	59.50	31.252		
6,600.00	6,254.16	6,234.95	6,233.17	39.78	26.68	-149.98	206.63	951.11	1,888.58	1,828.21	60.37	31.281		
6,700.00	6,348.13	6,330.45	6,328.66	40.42	27.08	-150.51	205.66	950.28	1,917.82	1,856.57	61.26	31.309		
6,800.00	6,442.09	6,422.89	6,421.09	41.06	27.47	-151.02	204.80	949.53	1,947.28	1,885.17	62.11	31.352		
6,869.92	6,507.80	6,490.69	6,488.89	41.51	27.76	-151.38	204.15	949.08	1,967.94	1,905.20	62.74	31.369		
6,900.00	6,536.18	6,518.50	6,516.70	41.69	27.88	-159.11	203.88	948.92	1,976.79	1,913.80	62.99	31.382		
6,950.00	6,583.76	6,563.95	6,562.14	41.98	28.07	-173.76	203.47	948.67	1,991.32	1,927.92	63.40	31.408		
7,000.00	6,631.58	6,610.40	6,608.59	42.23	28.27	170.27	203.10	948.43	2,005.54	1,941.72	63.81	31.428		
7,050.00	6,679.34	6,659.79	6,657.98	42.44	28.48	154.83	202.70	948.13	2,019.29	1,955.04	64.25	31.431		
7,100.00	6,726.76	6,708.89	6,707.07	42.62	28.69	141.50	202.25	947.74	2,032.48	1,967.80	64.68	31.425		
7,150.00	6,773.53	6,753.24	6,751.42	42.78	28.88	130.79	201.85	947.30	2,045.14	1,980.07	65.07	31.428		
7,200.00	6,819.38	6,797.41	6,795.58	42.91	29.07	122.51	201.49	946.77	2,057.27	1,991.79	65.48	31.417		
7,250.00	6,864.01	6,842.90	6,841.07	43.03	29.26	116.18	201.13	946.16	2,068.85	2,002.93	65.92	31.385		
7,300.00	6,907.16	6,887.14	6,885.31	43.14	29.45	111.31	200.76	945.49	2,079.85	2,013.49	66.37	31.338		
7,350.00	6,948.56	6,927.89	6,926.05	43.24	29.62	107.50	200.41	944.86	2,090.35	2,023.54	66.82	31.285		
7,400.00	6,987.94	6,965.88	6,964.03	43.35	29.78	104.48	200.13	944.33	2,100.42	2,033.15	67.27	31.222		
7,450.00	7,025.08	7,001.80	6,999.95	43.46	29.93	102.08	199.89	943.89	2,110.13	2,042.38	67.75	31.144		
7,500.00	7,059.73	7,038.40	7,036.55	43.57	30.09	100.20	199.65	943.51	2,119.52	2,051.23	68.29	31.039		
7,550.00	7,091.70	7,072.07	7,070.22	43.70	30.23	98.67	199.42	943.23	2,128.63	2,059.79	68.84	30.920		
7,600.00	7,120.77	7,102.61	7,100.75	43.84	30.36	97.39	199.18	943.04	2,137.56	2,068.13	69.43	30.788		
7,650.00	7,146.77	7,128.80	7,126.95	44.00	30.47	96.27	198.98	942.89	2,146.38	2,076.34	70.03	30.647		
7,700.00	7,169.54	7,151.87	7,150.01	44.18	30.57	95.29	198.80	942.76	2,155.16	2,084.49	70.67	30.495		
7,750.00	7,188.94	7,171.57	7,169.71	44.38	30.66	94.39	198.64	942.65	2,163.95	2,092.61	71.34	30.333		
7,800.00	7,204.85	7,187.78	7,185.92	44.61	30.72	93.56	198.51	942.56	2,172.80	2,100.77	72.03	30.164		
7,850.00	7,217.17	7,200.40	7,198.54	44.88	30.78	92.75	198.42	942.49	2,181.73	2,108.98	72.75	29.990		
7,900.00	7,225.83	7,209.35	7,207.49	45.17	30.82	91.95	198.35	942.44	2,190.74	2,117.27	73.48	29.815		
7,950.00	7,230.77	7,214.58	7,212.72	45.50	30.84	91.16	198.30	942.41	2,199.83	2,125.62	74.21	29.642		
7,985.49	7,232.00	7,216.02	7,214.16	45.75	30.84	90.59	198.29	942.40	2,206.31	2,131.57	74.73	29.522		
8,000.00	7,232.12	7,216.22	7,214.36	45.86	30.85	90.60	198.29	942.40	2,209.01	2,134.06	74.95	29.474		
8,100.00	7,232.93	7,217.59	7,215.73	46.71	30.85	90.63	198.28	942.40	2,230.07	2,153.61	76.46	29.165		
8,200.00	7,233.74	7,218.97	7,217.11	47.73	30.86	90.67	198.27	942.39	2,255.38	2,177.35	78.03	28.903		
8,300.00	7,234.54	7,220.35	7,218.48	48.94	30.86	90.71	198.26	942.38	2,284.79	2,205.16	79.62	28.694		
8,400.00	7,235.35	7,221.72	7,219.86	50.32	30.87	90.74	198.25	942.37	2,318.14	2,236.92	81.22	28.543		
8,500.00	7,236.16	7,223.10	7,221.23	51.86	30.88	90.78	198.24	942.36	2,355.26	2,272.48	82.79	28.449		
8,600.00	7,236.97	7,224.47	7,222.61	53.54	30.88	90.82	198.23	942.36	2,395.99	2,311.67	84.32	28.415 SF		
8,700.00	7,237.77	7,225.85	7,223.99	55.33	30.89	90.85	198.22	942.35	2,440.14	2,354.33	85.81	28.437		
8,800.00	7,238.58	7,227.22	7,225.36	57.24	30.89	90.89	198.20	942.34	2,487.52	2,400.29	87.23	28.515		
8,900.00	7,239.39	7,228.60	7,226.74	59.24	30.90	90.92	198.19	942.33	2,537.96	2,449.36	88.60	28.646		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
							+N/-S (ft)	+E/-W (ft)						
9,000.00	7,240.20	7,229.98	7,228.11	61.31	30.90	90.96	198.18	942.33	2,591.28	2,501.39	89.89	28.827		
9,100.00	7,241.01	7,231.35	7,229.49	63.46	30.91	91.00	198.17	942.32	2,647.30	2,556.19	91.11	29.056		
9,200.00	7,241.81	7,232.73	7,230.86	65.67	30.92	91.03	198.16	942.31	2,705.86	2,613.60	92.26	29.327		
9,300.00	7,242.62	7,234.10	7,232.24	67.93	30.92	91.07	198.15	942.30	2,766.80	2,673.45	93.35	29.640		
9,400.00	7,243.43	7,235.48	7,233.61	70.25	30.93	91.11	198.14	942.30	2,829.95	2,735.59	94.36	29.991		
9,500.00	7,244.24	7,236.85	7,234.99	72.60	30.93	91.14	198.13	942.29	2,895.19	2,799.88	95.31	30.377		
9,600.00	7,245.04	7,238.23	7,236.37	74.99	30.94	91.18	198.12	942.28	2,962.36	2,866.16	96.19	30.796		
9,700.00	7,245.85	7,239.60	7,237.74	77.42	30.95	91.21	198.11	942.27	3,031.34	2,934.32	97.02	31.245		
9,800.00	7,246.66	7,240.98	7,239.12	79.87	30.95	91.25	198.10	942.26	3,102.01	3,004.22	97.79	31.722		
9,900.00	7,247.47	7,242.35	7,240.49	82.36	30.96	91.29	198.09	942.26	3,174.26	3,075.75	98.51	32.224		
10,000.00	7,248.28	7,243.73	7,241.87	84.87	30.96	91.32	198.08	942.25	3,247.98	3,148.81	99.17	32.750		
10,100.00	7,249.08	7,245.10	7,243.24	87.40	30.97	91.36	198.06	942.24	3,323.07	3,223.28	99.80	33.299		
10,200.00	7,249.89	7,246.48	7,244.62	89.95	30.97	91.40	198.05	942.23	3,399.45	3,299.07	100.38	33.867		
10,300.00	7,250.70	7,247.86	7,245.99	92.52	30.98	91.43	198.04	942.23	3,477.02	3,376.11	100.91	34.455		
10,400.00	7,251.51	7,249.23	7,247.37	95.11	30.99	91.47	198.03	942.22	3,555.72	3,454.30	101.42	35.060		
10,500.00	7,252.31	7,250.61	7,248.74	97.71	30.99	91.51	198.02	942.21	3,635.46	3,533.57	101.89	35.682		
10,600.00	7,253.12	7,251.98	7,250.12	100.33	31.00	91.54	198.01	942.20	3,716.18	3,613.85	102.32	36.318		
10,700.00	7,253.93	7,253.36	7,251.49	102.96	31.00	91.58	198.00	942.20	3,797.82	3,695.08	102.73	36.968		
10,800.00	7,254.74	7,254.73	7,252.87	105.61	31.01	91.61	197.99	942.19	3,880.31	3,777.20	103.11	37.632		
10,900.00	7,255.55	7,256.11	7,254.24	108.26	31.02	91.65	197.98	942.18	3,963.61	3,860.14	103.47	38.307		
11,000.00	7,256.35	7,257.48	7,255.62	110.92	31.02	91.69	197.97	942.17	4,047.67	3,943.87	103.80	38.994		
11,100.00	7,257.16	7,258.86	7,256.99	113.60	31.03	91.72	197.96	942.16	4,132.44	4,028.32	104.12	39.691		
11,200.00	7,257.97	7,260.23	7,258.37	116.28	31.03	91.76	197.95	942.16	4,217.87	4,113.46	104.41	40.397		
11,300.00	7,258.78	7,261.61	7,259.74	118.97	31.04	91.80	197.94	942.15	4,303.93	4,199.25	104.68	41.113		
11,400.00	7,259.58	7,262.98	7,261.12	121.67	31.04	91.83	197.92	942.14	4,390.59	4,285.64	104.94	41.838		
11,500.00	7,260.39	7,264.36	7,262.49	124.38	31.05	91.87	197.91	942.13	4,477.79	4,372.61	105.19	42.570		
11,600.00	7,261.20	7,265.73	7,263.87	127.09	31.06	91.90	197.90	942.13	4,565.53	4,460.11	105.42	43.310		
11,700.00	7,262.01	7,267.11	7,265.24	129.81	31.06	91.94	197.89	942.12	4,653.75	4,548.12	105.63	44.057		
11,800.00	7,262.82	7,268.48	7,266.62	132.53	31.07	91.98	197.88	942.11	4,742.44	4,636.61	105.84	44.810		
11,900.00	7,263.62	7,269.85	7,267.99	135.26	31.07	92.01	197.87	942.10	4,831.58	4,725.55	106.03	45.569		
12,000.00	7,264.43	7,271.23	7,269.36	138.00	31.08	92.05	197.86	942.10	4,921.13	4,814.92	106.21	46.334		
12,100.00	7,265.24	7,272.60	7,270.74	140.74	31.09	92.09	197.85	942.09	5,011.08	4,904.69	106.38	47.104		
12,200.00	7,266.05	7,273.98	7,272.11	143.49	31.09	92.12	197.84	942.08	5,101.40	4,994.85	106.55	47.879		
12,300.00	7,266.86	7,275.35	7,273.49	146.24	31.10	92.16	197.83	942.07	5,192.07	5,085.37	106.70	48.659		
12,400.00	7,267.66	7,276.73	7,274.86	148.99	31.10	92.19	197.82	942.06	5,283.08	5,176.23	106.85	49.443		
12,500.00	7,268.47	7,278.10	7,276.24	151.75	31.11	92.23	197.81	942.06	5,374.41	5,267.42	106.99	50.231		
12,600.00	7,269.28	7,279.48	7,277.61	154.51	31.12	92.27	197.80	942.05	5,466.05	5,358.92	107.13	51.024		
12,700.00	7,270.09	7,280.85	7,278.99	157.27	31.12	92.30	197.78	942.04	5,557.97	5,450.71	107.26	51.819		
12,800.00	7,270.89	7,282.23	7,280.36	160.04	31.13	92.34	197.77	942.03	5,650.17	5,542.79	107.38	52.619		
12,900.00	7,271.70	7,283.60	7,281.74	162.81	31.13	92.38	197.76	942.03	5,742.62	5,635.12	107.50	53.421		
13,000.00	7,272.51	7,284.97	7,283.11	165.58	31.14	92.41	197.75	942.02	5,835.33	5,727.72	107.61	54.226		
13,100.00	7,273.32	7,286.35	7,284.48	168.36	31.14	92.45	197.74	942.01	5,928.27	5,820.55	107.72	55.034		
13,200.00	7,274.13	7,287.72	7,285.86	171.14	31.15	92.48	197.73	942.00	6,021.44	5,913.61	107.82	55.845		
13,300.00	7,274.93	7,289.10	7,287.23	173.92	31.16	92.52	197.72	942.00	6,114.82	6,006.90	107.92	56.658		
13,400.00	7,275.74	7,290.47	7,288.61	176.71	31.16	92.56	197.71	941.99	6,208.41	6,100.39	108.02	57.474		
13,500.00	7,276.55	7,291.85	7,289.98	179.49	31.17	92.59	197.70	941.98	6,302.19	6,194.08	108.11	58.292		
13,555.88	7,277.00	7,292.61	7,290.75	181.05	31.17	92.61	197.69	941.98	6,354.69	6,246.52	108.17	58.749		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	100.53	-295.40	1,588.80	1,616.71					
100.00	100.00	58.57	58.57	3.28	3.28	100.53	-295.31	1,588.71	1,615.94	1,609.37	6.57	246.063		
200.00	200.00	155.05	155.05	3.34	3.31	100.52	-294.89	1,588.39	1,615.54	1,608.89	6.65	243.018		
300.00	299.98	251.02	251.02	3.44	3.39	-45.49	-294.75	1,588.55	1,614.44	1,607.60	6.83	236.339		
400.00	399.84	353.41	353.41	3.59	3.53	-45.68	-294.80	1,588.55	1,610.79	1,603.67	7.12	226.273		
500.00	499.45	444.07	444.07	3.79	3.69	-45.97	-294.69	1,588.65	1,604.80	1,597.32	7.48	214.577		
600.00	598.70	526.98	526.97	4.04	3.86	-46.37	-294.09	1,589.65	1,597.39	1,589.49	7.90	202.239		
700.00	697.47	611.90	611.86	4.32	4.07	-46.87	-293.54	1,591.45	1,588.56	1,580.18	8.39	189.395		
800.00	795.62	695.58	695.51	4.64	4.30	-47.48	-293.07	1,593.98	1,578.37	1,569.44	8.93	176.716		
900.00	893.06	785.82	785.69	5.01	4.57	-48.25	-292.53	1,597.37	1,566.70	1,557.16	9.55	164.107		
1,000.00	989.64	881.65	881.43	5.41	4.87	-49.18	-291.90	1,601.25	1,553.25	1,543.02	10.23	151.843		
1,100.00	1,085.27	974.61	974.31	5.85	5.18	-50.24	-291.15	1,605.12	1,537.93	1,526.98	10.95	140.414		
1,200.00	1,179.82	1,061.35	1,060.96	6.33	5.48	-51.37	-290.62	1,609.01	1,521.14	1,509.43	11.70	129.980		
1,300.00	1,273.78	1,150.56	1,150.06	6.85	5.81	-52.30	-290.88	1,613.45	1,504.26	1,491.76	12.50	120.363		
1,400.00	1,367.75	1,240.46	1,239.83	7.38	6.14	-53.26	-291.06	1,618.14	1,488.09	1,474.77	13.32	111.691		
1,500.00	1,461.72	1,326.69	1,325.92	7.93	6.47	-54.20	-291.05	1,623.08	1,472.90	1,458.73	14.16	103.995		
1,600.00	1,555.69	1,411.35	1,410.41	8.49	6.80	-55.16	-290.60	1,628.48	1,458.84	1,443.82	15.02	97.125		
1,700.00	1,649.66	1,492.93	1,491.78	9.07	7.12	-56.10	-290.14	1,634.37	1,446.12	1,430.24	15.89	91.035		
1,800.00	1,743.63	1,580.23	1,578.80	9.65	7.48	-57.12	-289.43	1,641.31	1,434.69	1,417.90	16.79	85.459		
1,900.00	1,837.60	1,671.53	1,669.77	10.24	7.86	-58.23	-288.28	1,648.93	1,424.24	1,406.52	17.72	80.372		
2,000.00	1,931.57	1,770.16	1,768.05	10.83	8.28	-59.41	-287.80	1,657.23	1,414.45	1,395.76	18.69	75.662		
2,100.00	2,025.54	1,869.44	1,867.00	11.43	8.69	-60.58	-288.08	1,665.27	1,404.92	1,385.23	19.68	71.377		
2,200.00	2,119.51	1,976.90	1,974.15	12.03	9.14	-61.87	-288.28	1,673.47	1,395.55	1,374.83	20.71	67.371		
2,300.00	2,213.48	2,074.51	2,071.53	12.64	9.54	-63.07	-288.25	1,680.19	1,386.09	1,364.38	21.72	63.822		
2,400.00	2,307.45	2,173.49	2,170.27	13.25	9.95	-64.32	-287.80	1,686.87	1,377.21	1,354.47	22.74	60.574		
2,500.00	2,401.42	2,275.57	2,272.15	13.87	10.37	-65.61	-287.61	1,693.34	1,368.56	1,344.78	23.77	57.567		
2,600.00	2,495.39	2,382.18	2,378.58	14.48	10.81	-66.97	-287.85	1,699.45	1,359.94	1,335.11	24.83	54.760		
2,700.00	2,589.35	2,480.68	2,476.96	15.10	11.21	-68.24	-288.22	1,704.48	1,351.38	1,325.51	25.87	52.235		
2,800.00	2,683.32	2,571.43	2,567.59	15.72	11.58	-69.43	-288.45	1,709.12	1,343.53	1,316.65	26.88	49.975		
2,900.00	2,777.29	2,658.62	2,654.64	16.34	11.94	-70.57	-288.74	1,714.00	1,336.82	1,308.93	27.89	47.935		
3,000.00	2,871.26	2,749.53	2,745.38	16.97	12.32	-71.76	-289.20	1,719.67	1,331.33	1,302.42	28.91	46.050		
3,100.00	2,965.23	2,842.45	2,838.11	17.59	12.71	-72.98	-289.71	1,725.58	1,326.64	1,296.70	29.94	44.305		
3,200.00	3,059.20	2,933.94	2,929.39	18.22	13.09	-74.17	-290.47	1,731.75	1,322.92	1,291.95	30.97	42.712		
3,300.00	3,153.17	3,026.14	3,021.36	18.84	13.48	-75.38	-291.29	1,738.20	1,320.10	1,288.09	32.01	41.243		
3,400.00	3,247.14	3,116.77	3,111.76	19.47	13.87	-76.59	-291.29	1,744.58	1,318.29	1,285.26	33.04	39.905		
3,500.00	3,341.11	3,212.45	3,207.20	20.10	14.27	-77.88	-291.27	1,751.46	1,317.36	1,283.27	34.09	38.646		
3,600.00	3,435.08	3,314.28	3,308.76	20.73	14.71	-79.23	-291.83	1,758.69	1,316.86	1,281.69	35.17	37.445		
3,700.00	3,529.05	3,415.77	3,410.02	21.36	15.14	-80.58	-292.57	1,765.38	1,316.55	1,280.31	36.25	36.323		
3,718.45	3,546.38	3,433.24	3,427.46	21.47	15.21	-80.81	-292.72	1,766.51	1,316.54	1,280.10	36.44	36.130 CC		
3,800.00	3,623.02	3,510.06	3,504.11	21.99	15.54	-81.82	-293.62	1,771.60	1,316.78	1,279.49	37.29	35.311 ES		
3,900.00	3,716.99	3,600.35	3,594.14	22.62	15.92	-82.96	-295.32	1,778.16	1,317.94	1,279.62	38.32	34.396		
4,000.00	3,810.95	3,692.52	3,685.96	23.25	16.32	-84.08	-298.03	1,785.73	1,320.05	1,280.69	39.35	33.542		
4,100.00	3,904.92	3,802.56	3,795.47	23.88	16.80	-85.34	-302.92	1,795.27	1,322.41	1,281.92	40.48	32.664		
4,200.00	3,998.89	3,893.38	3,885.84	24.52	17.20	-86.35	-307.51	1,803.11	1,324.95	1,283.43	41.52	31.911		
4,300.00	4,092.86	3,990.81	3,982.80	25.15	17.63	-87.45	-312.01	1,811.47	1,328.18	1,285.59	42.58	31.189		
4,400.00	4,186.83	4,085.15	4,076.74	25.78	18.04	-88.53	-315.89	1,819.28	1,331.94	1,288.31	43.63	30.529		
4,500.00	4,280.80	4,187.92	4,179.11	26.42	18.48	-89.73	-319.80	1,827.44	1,336.13	1,291.42	44.71	29.885		
4,600.00	4,374.77	4,275.21	4,266.08	27.05	18.86	-90.74	-322.93	1,834.19	1,340.84	1,295.13	45.71	29.335		
4,700.00	4,468.74	4,379.33	4,369.85	27.68	19.31	-91.97	-325.98	1,842.14	1,346.40	1,299.61	46.79	28.778		
4,800.00	4,562.71	4,488.62	4,478.88	28.32	19.78	-93.30	-329.06	1,849.00	1,351.55	1,303.67	47.88	28.228		
4,900.00	4,656.68	4,594.71	4,584.83	28.95	20.22	-94.63	-331.37	1,853.93	1,356.47	1,307.52	48.95	27.714		
5,000.00	4,750.65	4,694.05	4,684.10	29.59	20.63	-95.92	-333.08	1,857.47	1,361.54	1,311.57	49.97	27.248		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,844.62	4,795.40	4,785.40	30.23	21.05	-97.25	-334.46	1,860.25	1,366.95	1,315.95	50.99	26.806		
5,200.00	4,938.59	4,892.05	4,882.02	30.86	21.45	-98.55	-335.32	1,862.08	1,372.78	1,320.79	51.99	26.406		
5,300.00	5,032.56	4,986.29	4,976.25	31.50	21.84	-99.83	-335.87	1,863.49	1,379.30	1,326.34	52.96	26.043		
5,400.00	5,126.52	5,083.76	5,073.72	32.13	22.24	-101.15	-336.20	1,864.61	1,386.50	1,332.56	53.94	25.702		
5,500.00	5,220.49	5,183.06	5,173.00	32.77	22.65	-102.48	-336.75	1,865.53	1,394.19	1,339.26	54.93	25.382		
5,600.00	5,314.46	5,292.12	5,282.05	33.41	23.10	-103.89	-338.58	1,866.83	1,401.99	1,346.03	55.95	25.057		
5,700.00	5,408.43	5,384.85	5,374.74	34.04	23.49	-105.05	-340.84	1,867.97	1,409.95	1,353.05	56.89	24.782		
5,800.00	5,502.40	5,471.13	5,461.00	34.68	23.84	-106.14	-342.50	1,869.03	1,418.95	1,361.16	57.80	24.551		
5,900.00	5,596.37	5,561.85	5,551.70	35.32	24.22	-107.28	-343.65	1,870.18	1,429.13	1,370.42	58.71	24.341		
6,000.00	5,690.34	5,650.82	5,640.66	35.96	24.59	-108.39	-344.51	1,871.23	1,440.16	1,380.55	59.61	24.160		
6,100.00	5,784.31	5,739.73	5,729.56	36.59	24.96	-109.48	-345.11	1,872.71	1,452.32	1,391.82	60.50	24.007		
6,200.00	5,878.28	5,835.05	5,824.86	37.23	25.36	-110.63	-345.65	1,874.40	1,465.26	1,403.85	61.42	23.858		
6,300.00	5,972.25	5,933.67	5,923.47	37.87	25.77	-111.81	-346.25	1,875.75	1,478.59	1,416.25	62.35	23.716		
6,400.00	6,066.22	6,027.62	6,017.42	38.51	26.16	-112.94	-346.58	1,876.38	1,492.38	1,429.14	63.24	23.598		
6,500.00	6,160.19	6,118.83	6,108.62	39.14	26.54	-114.02	-346.66	1,877.03	1,507.03	1,442.92	64.11	23.506		
6,600.00	6,254.16	6,222.12	6,211.92	39.78	26.97	-115.24	-346.85	1,877.33	1,522.01	1,456.96	65.05	23.397		
6,700.00	6,348.13	6,323.08	6,312.87	40.42	27.39	-116.43	-347.10	1,876.62	1,537.10	1,471.13	65.97	23.300		
6,800.00	6,442.09	6,422.41	6,412.19	41.06	27.81	-117.60	-347.48	1,875.37	1,552.46	1,485.59	66.87	23.216		
6,869.92	6,507.80	6,493.34	6,483.11	41.51	28.10	-118.43	-347.91	1,874.22	1,563.32	1,495.82	67.50	23.159		
6,900.00	6,536.18	6,522.06	6,511.83	41.69	28.22	-125.92	-348.12	1,873.70	1,568.38	1,500.62	67.76	23.145 SF		
6,950.00	6,583.76	6,569.37	6,559.12	41.98	28.42	-140.33	-348.45	1,872.84	1,578.36	1,510.19	68.17	23.153		
7,000.00	6,631.58	6,618.54	6,608.29	42.23	28.63	-156.25	-348.79	1,871.92	1,590.19	1,521.61	68.57	23.189		
7,050.00	6,679.34	6,670.60	6,660.33	42.44	28.85	-171.86	-349.18	1,870.78	1,603.64	1,534.66	68.98	23.248		
7,100.00	6,726.76	6,723.18	6,712.90	42.62	29.07	174.47	-349.64	1,869.40	1,618.56	1,549.18	69.38	23.328		
7,150.00	6,773.53	6,776.29	6,765.97	42.78	29.29	163.29	-350.17	1,867.74	1,634.83	1,565.04	69.79	23.426		
7,200.00	6,819.38	6,824.21	6,813.86	42.91	29.49	154.36	-350.69	1,866.03	1,652.39	1,582.22	70.17	23.547		
7,250.00	6,864.01	6,867.44	6,857.06	43.03	29.67	147.17	-351.12	1,864.46	1,671.34	1,600.79	70.55	23.691		
7,300.00	6,907.16	6,910.81	6,900.40	43.14	29.86	141.28	-351.50	1,862.90	1,691.62	1,620.68	70.94	23.844		
7,350.00	6,948.56	6,957.71	6,947.27	43.24	30.05	136.38	-351.92	1,861.08	1,713.07	1,641.69	71.38	23.999		
7,400.00	6,987.94	7,002.78	6,992.29	43.35	30.24	132.16	-352.37	1,859.15	1,735.60	1,663.77	71.83	24.161		
7,450.00	7,025.08	7,039.80	7,029.26	43.46	30.40	128.31	-352.70	1,857.45	1,759.25	1,686.99	72.26	24.345		
7,500.00	7,059.73	7,125.82	7,063.61	43.57	30.77	124.76	-352.96	1,855.81	1,784.01	1,711.09	72.92	24.464		
7,550.00	7,091.70	7,108.04	7,097.43	43.70	30.69	121.45	-353.12	1,854.08	1,809.86	1,736.69	73.17	24.736		
7,600.00	7,120.77	7,139.14	7,128.49	43.84	30.82	118.25	-353.26	1,852.49	1,836.68	1,763.05	73.64	24.942		
7,650.00	7,146.77	7,167.29	7,156.60	44.00	30.94	115.11	-353.39	1,851.05	1,864.44	1,790.33	74.12	25.156		
7,700.00	7,169.54	7,192.31	7,181.58	44.18	31.05	111.96	-353.51	1,849.77	1,893.05	1,818.46	74.59	25.378		
7,750.00	7,188.94	7,214.04	7,203.29	44.38	31.15	108.78	-353.61	1,848.66	1,922.43	1,847.36	75.07	25.608		
7,800.00	7,204.85	7,232.36	7,221.58	44.61	31.23	105.53	-353.69	1,847.72	1,952.48	1,876.94	75.54	25.847		
7,850.00	7,217.17	7,247.15	7,236.36	44.88	31.29	102.22	-353.76	1,846.97	1,983.08	1,907.08	76.00	26.094		
7,900.00	7,225.83	7,258.33	7,247.51	45.17	31.34	98.84	-353.81	1,846.40	2,014.10	1,937.66	76.44	26.349		
7,950.00	7,230.77	7,265.81	7,254.98	45.50	31.37	95.42	-353.84	1,846.01	2,045.40	1,968.54	76.86	26.611		
7,985.49	7,232.00	7,268.85	7,258.03	45.75	31.38	92.98	-353.86	1,845.86	2,067.69	1,990.55	77.14	26.803		
8,000.00	7,232.12	7,269.71	7,258.89	45.86	31.39	93.01	-353.86	1,845.81	2,076.84	1,999.58	77.26	26.882		
8,100.00	7,232.93	7,275.64	7,264.80	46.71	31.41	93.22	-353.89	1,845.51	2,141.50	2,063.46	78.04	27.443		
8,200.00	7,233.74	7,281.56	7,270.71	47.73	31.44	93.43	-353.92	1,845.21	2,208.78	2,129.98	78.80	28.032		
8,300.00	7,234.54	7,287.48	7,276.63	48.94	31.46	93.64	-353.94	1,844.91	2,278.44	2,198.91	79.53	28.648		
8,400.00	7,235.35	7,293.40	7,282.54	50.32	31.49	93.85	-353.97	1,844.60	2,350.28	2,270.05	80.24	29.291		
8,500.00	7,236.16	7,299.32	7,288.45	51.86	31.51	94.06	-354.00	1,844.30	2,424.11	2,343.19	80.91	29.959		
8,600.00	7,236.97	7,305.24	7,294.37	53.54	31.54	94.27	-354.03	1,844.00	2,499.74	2,418.18	81.56	30.650		
8,700.00	7,237.77	7,311.17	7,300.28	55.33	31.56	94.48	-354.05	1,843.70	2,577.02	2,494.85	82.17	31.362		
8,800.00	7,238.58	7,317.09	7,306.20	57.24	31.59	94.69	-354.08	1,843.39	2,655.80	2,573.05	82.75	32.094		
8,900.00	7,239.39	7,323.01	7,312.11	59.24	31.62	94.90	-354.11	1,843.09	2,735.96	2,652.66	83.30	32.846		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,000.00	7,240.20	7,328.93	7,318.02	61.31	31.64	95.11	-354.14	1,842.79	2,817.37	2,733.55	83.82	33.614		
9,100.00	7,241.01	7,334.85	7,323.94	63.46	31.67	95.32	-354.16	1,842.49	2,899.93	2,815.63	84.31	34.398		
9,200.00	7,241.81	7,340.77	7,329.85	65.67	31.69	95.52	-354.19	1,842.18	2,983.55	2,898.79	84.77	35.197		
9,300.00	7,242.62	7,346.70	7,335.77	67.93	31.72	95.73	-354.22	1,841.88	3,068.14	2,982.94	85.21	36.009		
9,400.00	7,243.43	7,352.62	7,341.68	70.25	31.74	95.94	-354.24	1,841.58	3,153.62	3,068.00	85.62	36.833		
9,500.00	7,244.24	7,358.54	7,347.59	72.60	31.77	96.15	-354.27	1,841.28	3,239.92	3,153.91	86.01	37.669		
9,600.00	7,245.04	7,364.46	7,353.51	74.99	31.79	96.36	-354.30	1,840.97	3,326.98	3,240.60	86.38	38.515		
9,700.00	7,245.85	7,370.38	7,359.42	77.42	31.82	96.57	-354.33	1,840.67	3,414.73	3,328.00	86.73	39.371		
9,800.00	7,246.66	7,376.30	7,365.34	79.87	31.84	96.78	-354.35	1,840.37	3,503.14	3,416.07	87.07	40.236		
9,900.00	7,247.47	7,382.23	7,371.25	82.36	31.87	96.98	-354.38	1,840.07	3,592.14	3,504.76	87.38	41.108		
10,000.00	7,248.28	7,388.15	7,377.16	84.87	31.90	97.19	-354.41	1,839.76	3,681.69	3,594.01	87.68	41.989		
10,100.00	7,249.08	7,394.07	7,383.08	87.40	31.92	97.40	-354.44	1,839.46	3,771.76	3,683.80	87.97	42.876		
10,200.00	7,249.89	7,399.99	7,388.99	89.95	31.95	97.61	-354.46	1,839.16	3,862.32	3,774.07	88.24	43.769		
10,300.00	7,250.70	7,405.91	7,394.90	92.52	31.97	97.81	-354.49	1,838.86	3,953.31	3,864.81	88.50	44.668		
10,400.00	7,251.51	7,383.00	7,372.02	95.11	31.87	97.01	-354.38	1,840.03	4,044.83	3,956.17	88.66	45.623		
10,500.00	7,252.31	7,383.00	7,372.02	97.71	31.87	97.01	-354.38	1,840.03	4,136.68	4,047.80	88.88	46.544		
10,600.00	7,253.12	7,383.00	7,372.02	100.33	31.87	97.01	-354.38	1,840.03	4,228.89	4,139.81	89.09	47.470		
10,700.00	7,253.93	7,383.00	7,372.02	102.96	31.87	97.01	-354.38	1,840.03	4,321.45	4,232.17	89.29	48.400		
10,800.00	7,254.74	7,383.00	7,372.02	105.61	31.87	97.01	-354.38	1,840.03	4,414.34	4,324.86	89.48	49.335		
10,900.00	7,255.55	7,383.00	7,372.02	108.26	31.87	97.01	-354.38	1,840.03	4,507.53	4,417.87	89.66	50.273		
11,000.00	7,256.35	7,383.00	7,372.02	110.92	31.87	97.01	-354.38	1,840.03	4,601.01	4,511.17	89.84	51.215		
11,100.00	7,257.16	7,383.00	7,372.02	113.60	31.87	97.01	-354.38	1,840.03	4,694.76	4,604.75	90.01	52.161		
11,200.00	7,257.97	7,383.00	7,372.02	116.28	31.87	97.01	-354.38	1,840.03	4,788.75	4,698.59	90.17	53.109		
11,300.00	7,258.78	7,383.00	7,372.02	118.97	31.87	97.01	-354.38	1,840.03	4,882.99	4,792.67	90.32	54.060		
11,400.00	7,259.58	7,383.00	7,372.02	121.67	31.87	97.01	-354.38	1,840.03	4,977.45	4,886.98	90.48	55.014		
11,500.00	7,260.39	7,383.00	7,372.02	124.38	31.87	97.01	-354.38	1,840.03	5,072.13	4,981.51	90.62	55.971		
11,600.00	7,261.20	7,383.00	7,372.02	127.09	31.87	97.01	-354.38	1,840.03	5,167.00	5,076.24	90.76	56.929		
11,700.00	7,262.01	7,383.00	7,372.02	129.81	31.87	97.01	-354.38	1,840.03	5,262.07	5,171.17	90.90	57.890		
11,800.00	7,262.82	7,383.00	7,372.02	132.53	31.87	97.01	-354.38	1,840.03	5,357.31	5,266.28	91.03	58.852		
11,900.00	7,263.62	7,383.00	7,372.02	135.26	31.87	97.01	-354.38	1,840.03	5,452.73	5,361.57	91.16	59.816		
12,000.00	7,264.43	7,383.00	7,372.02	138.00	31.87	97.01	-354.38	1,840.03	5,548.30	5,457.02	91.28	60.782		
12,100.00	7,265.24	7,383.00	7,372.02	140.74	31.87	97.01	-354.38	1,840.03	5,644.03	5,552.63	91.40	61.749		
12,200.00	7,266.05	7,383.00	7,372.02	143.49	31.87	97.01	-354.38	1,840.03	5,739.91	5,648.39	91.52	62.718		
12,300.00	7,266.86	7,383.00	7,372.02	146.24	31.87	97.01	-354.38	1,840.03	5,835.92	5,744.29	91.63	63.688		
12,400.00	7,267.66	7,383.00	7,372.02	148.99	31.87	97.01	-354.38	1,840.03	5,932.07	5,840.32	91.75	64.658		
12,500.00	7,268.47	7,383.00	7,372.02	151.75	31.87	97.01	-354.38	1,840.03	6,028.34	5,936.49	91.85	65.630		
12,600.00	7,269.28	7,383.00	7,372.02	154.51	31.87	97.01	-354.38	1,840.03	6,124.73	6,032.77	91.96	66.602		
12,700.00	7,270.09	7,383.00	7,372.02	157.27	31.87	97.01	-354.38	1,840.03	6,221.23	6,129.17	92.06	67.575		
12,800.00	7,270.89	7,383.00	7,372.02	160.04	31.87	97.01	-354.38	1,840.03	6,317.85	6,225.68	92.17	68.549		
12,900.00	7,271.70	7,383.00	7,372.02	162.81	31.87	97.01	-354.38	1,840.03	6,414.56	6,322.30	92.26	69.524		
13,000.00	7,272.51	7,383.00	7,372.02	165.58	31.87	97.01	-354.38	1,840.03	6,511.38	6,419.02	92.36	70.498		
13,100.00	7,273.32	7,383.00	7,372.02	168.36	31.87	97.01	-354.38	1,840.03	6,608.29	6,515.83	92.46	71.474		
13,200.00	7,274.13	7,383.00	7,372.02	171.14	31.87	97.01	-354.38	1,840.03	6,705.29	6,612.74	92.55	72.449		
13,300.00	7,274.93	7,383.00	7,372.02	173.92	31.87	97.01	-354.38	1,840.03	6,802.38	6,709.74	92.64	73.425		
13,400.00	7,275.74	7,383.00	7,372.02	176.71	31.87	97.01	-354.38	1,840.03	6,899.55	6,806.82	92.73	74.401		
13,500.00	7,276.55	7,383.00	7,372.02	179.49	31.87	97.01	-354.38	1,840.03	6,996.80	6,903.98	92.82	75.377		
13,555.88	7,277.00	7,383.00	7,372.02	181.05	31.87	97.01	-354.38	1,840.03	7,051.19	6,958.31	92.87	75.922		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-162.39	-3,247.04	-1,030.77	3,406.81					
100.00	100.00	75.00	75.00	3.28	3.53	-162.39	-3,247.04	-1,030.77	3,406.72	3,399.91	6.82	499.789		
200.00	200.00	175.00	175.00	3.34	5.46	-162.39	-3,247.04	-1,030.77	3,406.72	3,397.93	8.80	387.302		
300.00	299.98	274.98	274.98	3.44	8.51	51.71	-3,247.04	-1,030.77	3,405.64	3,393.69	11.95	284.951		
400.00	399.84	374.84	374.84	3.59	11.80	51.83	-3,247.04	-1,030.77	3,402.40	3,387.00	15.40	220.984		
500.00	499.45	474.45	474.45	3.79	15.18	52.03	-3,247.04	-1,030.77	3,397.01	3,378.04	18.97	179.096		
600.00	598.70	573.70	573.70	4.04	18.57	52.31	-3,247.04	-1,030.77	3,389.50	3,366.89	22.61	149.922		
700.00	697.47	672.47	672.47	4.32	21.98	52.67	-3,247.04	-1,030.77	3,379.90	3,353.61	26.29	128.549		
800.00	795.62	770.62	770.62	4.64	25.37	53.11	-3,247.04	-1,030.77	3,368.25	3,338.25	30.00	112.260		
900.00	893.06	868.06	868.06	5.01	28.75	53.64	-3,247.04	-1,030.77	3,354.61	3,320.88	33.73	99.450		
1,000.00	989.64	964.64	964.64	5.41	32.10	54.24	-3,247.04	-1,030.77	3,339.03	3,301.56	37.47	89.117		
1,100.00	1,085.27	1,060.27	1,060.27	5.85	35.42	54.93	-3,247.04	-1,030.77	3,321.58	3,280.37	41.21	80.608		
1,200.00	1,179.82	1,154.82	1,154.82	6.33	38.71	55.70	-3,247.04	-1,030.77	3,302.35	3,257.41	44.94	73.478		
1,300.00	1,273.78	1,248.78	1,248.78	6.85	41.98	56.17	-3,247.04	-1,030.77	3,282.37	3,233.68	48.69	67.417		
1,400.00	1,367.75	1,342.75	1,342.75	7.38	45.25	56.65	-3,247.04	-1,030.77	3,262.63	3,210.18	52.45	62.204		
1,500.00	1,461.72	1,436.72	1,436.72	7.93	48.52	57.13	-3,247.04	-1,030.77	3,243.13	3,186.90	56.23	57.674		
1,600.00	1,555.69	1,530.69	1,530.69	8.49	51.80	57.62	-3,247.04	-1,030.77	3,223.87	3,163.84	60.03	53.706		
1,700.00	1,649.66	1,624.66	1,624.66	9.07	55.07	58.11	-3,247.04	-1,030.77	3,204.87	3,141.03	63.84	50.203		
1,800.00	1,743.63	1,718.63	1,718.63	9.65	58.34	58.61	-3,247.04	-1,030.77	3,186.11	3,118.45	67.66	47.091		
1,900.00	1,837.60	1,812.60	1,812.60	10.24	61.62	59.12	-3,247.04	-1,030.77	3,167.62	3,096.13	71.49	44.309		
2,000.00	1,931.57	1,906.57	1,906.57	10.83	64.90	59.63	-3,247.04	-1,030.77	3,149.39	3,074.06	75.33	41.809		
2,100.00	2,025.54	2,000.54	2,000.54	11.43	68.17	60.14	-3,247.04	-1,030.77	3,131.42	3,052.25	79.17	39.551		
2,200.00	2,119.51	2,105.49	2,105.49	12.03	71.83	60.66	-3,247.04	-1,030.77	3,113.73	3,030.32	83.41	37.330		
2,300.00	2,213.48	2,188.48	2,188.48	12.64	74.73	61.19	-3,247.04	-1,030.77	3,096.31	3,009.43	86.89	35.636		
2,400.00	2,307.45	2,282.45	2,282.45	13.25	78.00	61.72	-3,247.04	-1,030.77	3,079.18	2,988.43	90.75	33.929		
2,500.00	2,401.42	2,376.42	2,376.42	13.87	81.28	62.26	-3,247.04	-1,030.77	3,062.33	2,967.71	94.62	32.363		
2,600.00	2,495.39	2,470.39	2,470.39	14.48	84.56	62.80	-3,247.04	-1,030.77	3,045.78	2,947.27	98.50	30.921		
2,700.00	2,589.35	2,564.35	2,564.35	15.10	87.84	63.35	-3,247.04	-1,030.77	3,029.51	2,927.13	102.38	29.590		
2,800.00	2,683.32	2,658.32	2,658.32	15.72	91.12	63.90	-3,247.04	-1,030.77	3,013.55	2,907.29	106.27	28.358		
2,900.00	2,777.29	2,752.29	2,752.29	16.34	94.39	64.46	-3,247.04	-1,030.77	2,997.90	2,887.74	110.16	27.215		
3,000.00	2,871.26	2,846.26	2,846.26	16.97	97.67	65.03	-3,247.04	-1,030.77	2,982.55	2,868.50	114.05	26.152		
3,100.00	2,965.23	2,940.23	2,940.23	17.59	100.95	65.59	-3,247.04	-1,030.77	2,967.52	2,849.58	117.94	25.160		
3,200.00	3,059.20	3,034.20	3,034.20	18.22	104.23	66.17	-3,247.04	-1,030.77	2,952.81	2,830.96	121.84	24.234		
3,300.00	3,153.17	3,128.17	3,128.17	18.84	107.51	66.75	-3,247.04	-1,030.77	2,938.42	2,812.67	125.75	23.368		
3,400.00	3,247.14	3,222.14	3,222.14	19.47	110.79	67.33	-3,247.04	-1,030.77	2,924.37	2,794.71	129.65	22.555		
3,500.00	3,341.11	3,316.11	3,316.11	20.10	114.07	67.92	-3,247.04	-1,030.77	2,910.64	2,777.08	133.56	21.792		
3,600.00	3,435.08	3,410.08	3,410.08	20.73	117.35	68.52	-3,247.04	-1,030.77	2,897.26	2,759.78	137.48	21.075		
3,700.00	3,529.05	3,504.05	3,504.05	21.36	120.63	69.11	-3,247.04	-1,030.77	2,884.22	2,742.82	141.39	20.399		
3,800.00	3,623.02	3,601.98	3,598.02	21.99	124.04	69.72	-3,247.04	-1,030.77	2,871.52	2,726.07	145.45	19.743		
3,900.00	3,716.99	3,708.01	3,691.99	22.62	127.74	70.33	-3,247.04	-1,030.77	2,859.18	2,709.39	149.79	19.088		
4,000.00	3,810.95	3,785.95	3,785.95	23.25	130.46	70.94	-3,247.04	-1,030.77	2,847.20	2,694.05	153.15	18.591		
4,100.00	3,904.92	3,879.92	3,879.92	23.88	133.74	71.56	-3,247.04	-1,030.77	2,835.58	2,678.50	157.08	18.052		
4,200.00	3,998.89	3,973.89	3,973.89	24.52	137.02	72.18	-3,247.04	-1,030.77	2,824.32	2,663.32	161.00	17.542		
4,300.00	4,092.86	4,067.86	4,067.86	25.15	140.30	72.81	-3,247.04	-1,030.77	2,813.44	2,648.51	164.93	17.058		
4,400.00	4,186.83	4,161.83	4,161.83	25.78	143.58	73.44	-3,247.04	-1,030.77	2,802.93	2,634.07	168.86	16.599		
4,500.00	4,280.80	4,255.80	4,255.80	26.42	146.86	74.07	-3,247.04	-1,030.77	2,792.80	2,620.01	172.79	16.163		
4,600.00	4,374.77	4,349.77	4,349.77	27.05	150.14	74.71	-3,247.04	-1,030.77	2,783.06	2,606.33	176.73	15.748		
4,700.00	4,468.74	4,443.74	4,443.74	27.68	153.42	75.36	-3,247.04	-1,030.77	2,773.70	2,593.04	180.66	15.353		
4,800.00	4,562.71	4,537.71	4,537.71	28.32	156.70	76.00	-3,247.04	-1,030.77	2,764.73	2,580.13	184.60	14.977		
4,900.00	4,656.68	4,631.68	4,631.68	28.95	159.98	76.65	-3,247.04	-1,030.77	2,756.16	2,567.62	188.53	14.619		
5,000.00	4,750.65	4,725.65	4,725.65	29.59	163.26	77.31	-3,247.04	-1,030.77	2,747.99	2,555.51	192.47	14.277		
5,100.00	4,844.62	4,819.62	4,819.62	30.23	166.54	77.96	-3,247.04	-1,030.77	2,740.22	2,543.81	196.41	13.951		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,913.59	4,913.59	30.86	169.82	78.63	-3,247.04	-1,030.77	2,732.85	2,532.50	200.35	13.640		
5,300.00	5,032.56	5,007.56	5,007.56	31.50	173.10	79.29	-3,247.04	-1,030.77	2,725.90	2,521.61	204.29	13.343		
5,400.00	5,126.52	5,101.52	5,101.52	32.13	176.38	79.96	-3,247.04	-1,030.77	2,719.36	2,511.12	208.23	13.059		
5,500.00	5,220.49	5,204.51	5,195.49	32.77	179.97	80.63	-3,247.04	-1,030.77	2,713.23	2,500.74	212.49	12.769		
5,600.00	5,314.46	5,289.46	5,289.46	33.41	182.94	81.30	-3,247.04	-1,030.77	2,707.52	2,491.41	216.11	12.528		
5,700.00	5,408.43	5,383.43	5,383.43	34.04	186.22	81.97	-3,247.04	-1,030.77	2,702.23	2,482.18	220.05	12.280		
5,800.00	5,502.40	5,477.40	5,477.40	34.68	189.50	82.65	-3,247.04	-1,030.77	2,697.37	2,473.38	223.99	12.042		
5,900.00	5,596.37	5,571.37	5,571.37	35.32	192.78	83.33	-3,247.04	-1,030.77	2,692.93	2,465.00	227.93	11.815		
6,000.00	5,690.34	5,665.34	5,665.34	35.96	196.06	84.01	-3,247.04	-1,030.77	2,688.92	2,457.05	231.87	11.597		
6,100.00	5,784.31	5,759.31	5,759.31	36.59	199.34	84.69	-3,247.04	-1,030.77	2,685.34	2,449.53	235.81	11.388		
6,200.00	5,878.28	5,853.28	5,853.28	37.23	202.62	85.37	-3,247.04	-1,030.77	2,682.19	2,442.44	239.75	11.188		
6,300.00	5,972.25	5,947.25	5,947.25	37.87	205.90	86.06	-3,247.04	-1,030.77	2,679.47	2,435.79	243.68	10.996		
6,400.00	6,066.22	6,041.22	6,041.22	38.51	209.18	86.75	-3,247.04	-1,030.77	2,677.19	2,429.57	247.62	10.812		
6,500.00	6,160.19	6,135.19	6,135.19	39.14	212.46	87.43	-3,247.04	-1,030.77	2,675.34	2,423.79	251.55	10.635		
6,600.00	6,254.16	6,229.16	6,229.16	39.78	215.74	88.12	-3,247.04	-1,030.77	2,673.93	2,418.44	255.48	10.466		
6,700.00	6,348.13	6,323.13	6,323.13	40.42	219.02	88.81	-3,247.04	-1,030.77	2,672.95	2,413.54	259.41	10.304		
6,800.00	6,442.09	6,417.09	6,417.09	41.06	222.30	89.50	-3,247.04	-1,030.77	2,672.41	2,409.07	263.34	10.148		
6,869.92	6,507.80	6,482.80	6,482.80	41.51	224.59	89.98	-3,247.04	-1,030.77	2,672.30	2,406.21	266.09	10.043		
6,900.00	6,536.18	6,511.18	6,511.18	41.69	225.58	90.38	-3,247.04	-1,030.77	2,671.71	2,404.45	267.27	9.996		
6,950.00	6,583.76	6,558.76	6,558.76	41.98	227.24	90.73	-3,247.04	-1,030.77	2,668.14	2,398.92	269.21	9.911		
7,000.00	6,631.58	6,606.58	6,606.58	42.23	228.91	91.04	-3,247.04	-1,030.77	2,661.31	2,390.17	271.13	9.815		
7,050.00	6,679.34	6,654.34	6,654.34	42.44	230.58	91.29	-3,247.04	-1,030.77	2,651.24	2,378.22	273.02	9.711		
7,100.00	6,726.76	6,701.76	6,701.76	42.62	232.24	91.54	-3,247.04	-1,030.77	2,637.97	2,363.11	274.85	9.598		
7,150.00	6,773.53	6,748.53	6,748.53	42.78	233.87	91.79	-3,247.04	-1,030.77	2,621.55	2,344.91	276.64	9.476		
7,200.00	6,819.38	6,805.62	6,794.38	42.91	235.86	92.01	-3,247.04	-1,030.77	2,602.08	2,323.31	278.77	9.334		
7,250.00	6,864.01	6,839.01	6,839.01	43.03	237.03	92.20	-3,247.04	-1,030.77	2,579.66	2,299.61	280.05	9.211		
7,300.00	6,907.16	6,882.16	6,882.16	43.14	238.53	92.38	-3,247.04	-1,030.77	2,554.42	2,272.75	281.67	9.069		
7,350.00	6,948.56	6,923.56	6,923.56	43.24	239.98	92.54	-3,247.04	-1,030.77	2,526.53	2,243.31	283.22	8.921		
7,400.00	6,987.94	6,962.94	6,962.94	43.35	241.35	92.69	-3,247.04	-1,030.77	2,496.15	2,211.45	284.70	8.768		
7,450.00	7,025.08	7,000.08	7,000.08	43.46	242.65	92.82	-3,247.04	-1,030.77	2,463.50	2,177.39	286.10	8.610		
7,500.00	7,059.73	7,034.73	7,034.73	43.57	243.86	92.94	-3,247.04	-1,030.77	2,428.79	2,141.36	287.43	8.450		
7,550.00	7,091.70	7,066.70	7,066.70	43.70	244.98	93.04	-3,247.04	-1,030.77	2,392.26	2,103.60	288.66	8.287		
7,600.00	7,120.77	7,104.23	7,095.77	43.84	246.29	93.12	-3,247.04	-1,030.77	2,354.18	2,064.08	290.10	8.115		
7,650.00	7,146.77	7,121.77	7,121.77	44.00	246.90	93.18	-3,247.04	-1,030.77	2,314.82	2,023.96	290.86	7.959		
7,700.00	7,169.54	7,144.54	7,144.54	44.18	247.69	93.22	-3,247.04	-1,030.77	2,274.47	1,982.66	291.81	7.794		
7,750.00	7,188.94	7,163.94	7,163.94	44.38	248.37	93.25	-3,247.04	-1,030.77	2,233.43	1,940.77	292.66	7.631		
7,800.00	7,204.85	7,179.85	7,179.85	44.61	248.93	93.27	-3,247.04	-1,030.77	2,192.02	1,898.61	293.42	7.471		
7,850.00	7,217.17	7,207.83	7,192.17	44.88	249.90	93.28	-3,247.04	-1,030.77	2,150.56	1,855.95	294.61	7.300		
7,900.00	7,225.83	7,200.83	7,200.83	45.17	249.66	93.28	-3,247.04	-1,030.77	2,109.36	1,814.75	294.61	7.160		
7,950.00	7,230.77	7,205.77	7,205.77	45.50	249.83	93.27	-3,247.04	-1,030.77	2,068.76	1,773.71	295.05	7.011		
7,985.49	7,232.00	7,207.00	7,207.00	45.75	249.87	93.25	-3,247.04	-1,030.77	2,040.48	1,745.17	295.30	6.910		
8,000.00	7,232.12	7,207.12	7,207.12	45.86	249.88	93.24	-3,247.04	-1,030.77	2,029.04	1,733.65	295.40	6.869		
8,100.00	7,232.93	7,207.93	7,207.93	46.71	249.91	93.23	-3,247.04	-1,030.77	1,951.35	1,655.24	296.11	6.590		
8,200.00	7,233.74	7,208.74	7,208.74	47.73	249.93	93.21	-3,247.04	-1,030.77	1,875.77	1,578.80	296.97	6.316		
8,300.00	7,234.54	7,209.54	7,209.54	48.94	249.96	93.18	-3,247.04	-1,030.77	1,802.57	1,504.58	297.99	6.049		
8,400.00	7,235.35	7,210.35	7,210.35	50.32	249.99	93.13	-3,247.04	-1,030.77	1,732.05	1,432.86	299.19	5.789		
8,500.00	7,236.16	7,211.16	7,211.16	51.86	250.02	93.07	-3,247.04	-1,030.77	1,664.55	1,363.98	300.57	5.538		
8,600.00	7,236.97	7,211.97	7,211.97	53.54	250.05	92.99	-3,247.04	-1,030.77	1,600.46	1,298.30	302.16	5.297		
8,700.00	7,237.77	7,212.77	7,212.77	55.33	250.07	92.89	-3,247.04	-1,030.77	1,540.20	1,236.25	303.95	5.067		
8,800.00	7,238.58	7,213.58	7,213.58	57.24	250.10	92.77	-3,247.04	-1,030.77	1,484.24	1,178.29	305.95	4.851		
8,900.00	7,239.39	7,214.39	7,214.39	59.24	250.13	92.63	-3,247.04	-1,030.77	1,433.07	1,124.93	308.14	4.651		
9,000.00	7,240.20	7,215.20	7,215.20	61.31	250.16	92.48	-3,247.04	-1,030.77	1,387.24	1,076.75	310.49	4.468		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,216.01	7,216.01	63.46	250.19	-89.82	-3,247.04	-1,030.77	1,347.28	1,034.31	312.97	4.305		
9,200.00	7,241.81	7,216.81	7,216.81	65.67	250.22	-89.85	-3,247.04	-1,030.77	1,313.73	998.23	315.51	4.164		
9,300.00	7,242.62	7,217.62	7,217.62	67.93	250.24	-89.89	-3,247.04	-1,030.77	1,287.10	969.05	318.05	4.047		
9,400.00	7,243.43	7,218.43	7,218.43	70.25	250.27	-89.93	-3,247.04	-1,030.77	1,267.82	947.30	320.51	3.956		
9,500.00	7,244.24	7,219.24	7,219.24	72.60	250.30	-89.96	-3,247.04	-1,030.77	1,256.22	933.40	322.82	3.891		
9,596.36	7,245.02	7,220.02	7,220.02	74.90	250.33	-90.00	-3,247.04	-1,030.77	1,252.52	927.70	324.82	3.856 CC		
9,600.00	7,245.04	7,220.04	7,220.04	74.99	250.33	-90.00	-3,247.04	-1,030.77	1,252.53	927.63	324.89	3.855 ES		
9,700.00	7,245.85	7,220.85	7,220.85	77.42	250.36	-90.04	-3,247.04	-1,030.77	1,256.80	930.12	326.68	3.847 SF		
9,800.00	7,246.66	7,221.66	7,221.66	79.87	250.38	-90.08	-3,247.04	-1,030.77	1,268.96	940.83	328.14	3.867		
9,900.00	7,247.47	7,222.47	7,222.47	82.36	250.41	-90.11	-3,247.04	-1,030.77	1,288.80	959.54	329.25	3.914		
10,000.00	7,248.28	7,223.28	7,223.28	84.87	250.44	-90.15	-3,247.04	-1,030.77	1,315.95	985.92	330.02	3.987		
10,100.00	7,249.08	7,224.08	7,224.08	87.40	250.47	-90.19	-3,247.04	-1,030.77	1,349.98	1,019.50	330.48	4.085		
10,200.00	7,249.89	7,224.89	7,224.89	89.95	250.50	-90.22	-3,247.04	-1,030.77	1,390.38	1,059.72	330.66	4.205		
10,300.00	7,250.70	7,225.70	7,225.70	92.52	250.53	-90.26	-3,247.04	-1,030.77	1,436.62	1,106.02	330.60	4.346		
10,400.00	7,251.51	7,226.51	7,226.51	95.11	250.55	-90.30	-3,247.04	-1,030.77	1,488.15	1,157.81	330.34	4.505		
10,500.00	7,252.31	7,227.31	7,227.31	97.71	250.58	-90.33	-3,247.04	-1,030.77	1,544.45	1,214.51	329.93	4.681		
10,600.00	7,253.12	7,228.12	7,228.12	100.33	250.61	-90.37	-3,247.04	-1,030.77	1,605.00	1,275.59	329.41	4.872		
10,700.00	7,253.93	7,228.93	7,228.93	102.96	250.64	-90.41	-3,247.04	-1,030.77	1,669.35	1,340.54	328.81	5.077		
10,800.00	7,254.74	7,229.74	7,229.74	105.61	250.67	-90.44	-3,247.04	-1,030.77	1,737.08	1,408.92	328.16	5.293		
10,900.00	7,255.55	7,230.55	7,230.55	108.26	250.69	-90.48	-3,247.04	-1,030.77	1,807.81	1,480.33	327.48	5.520		
11,000.00	7,256.35	7,231.35	7,231.35	110.92	250.72	-90.52	-3,247.04	-1,030.77	1,881.19	1,554.41	326.78	5.757		
11,100.00	7,257.16	7,232.16	7,232.16	113.60	250.75	-90.56	-3,247.04	-1,030.77	1,956.93	1,630.85	326.08	6.001		
11,200.00	7,257.97	7,232.97	7,232.97	116.28	250.78	-90.59	-3,247.04	-1,030.77	2,034.77	1,709.38	325.39	6.253		
11,300.00	7,258.78	7,233.78	7,233.78	118.97	250.81	-90.63	-3,247.04	-1,030.77	2,114.47	1,789.76	324.71	6.512		
11,400.00	7,259.58	7,234.58	7,234.58	121.67	250.84	-90.67	-3,247.04	-1,030.77	2,195.84	1,871.78	324.06	6.776		
11,500.00	7,260.39	7,235.39	7,235.39	124.38	250.86	-90.70	-3,247.04	-1,030.77	2,278.68	1,955.26	323.43	7.045		
11,600.00	7,261.20	7,236.20	7,236.20	127.09	250.89	-90.74	-3,247.04	-1,030.77	2,362.86	2,040.04	322.82	7.319		
11,700.00	7,262.01	7,237.01	7,237.01	129.81	250.92	-90.78	-3,247.04	-1,030.77	2,448.23	2,125.98	322.24	7.597		
11,800.00	7,262.82	7,237.82	7,237.82	132.53	250.95	-90.81	-3,247.04	-1,030.77	2,534.66	2,212.97	321.69	7.879		
11,900.00	7,263.62	7,238.62	7,238.62	135.26	250.98	-90.85	-3,247.04	-1,030.77	2,622.06	2,300.89	321.17	8.164		
12,000.00	7,264.43	7,239.43	7,239.43	138.00	251.00	-90.89	-3,247.04	-1,030.77	2,710.33	2,389.66	320.67	8.452		
12,100.00	7,265.24	7,240.24	7,240.24	140.74	251.03	-90.93	-3,247.04	-1,030.77	2,799.39	2,479.19	320.20	8.743		
12,200.00	7,266.05	7,241.05	7,241.05	143.49	251.06	-90.96	-3,247.04	-1,030.77	2,889.17	2,569.41	319.75	9.036		
12,300.00	7,266.86	7,241.86	7,241.86	146.24	251.09	-91.00	-3,247.04	-1,030.77	2,979.59	2,660.26	319.33	9.331		
12,400.00	7,267.66	7,242.66	7,242.66	148.99	251.12	-91.04	-3,247.04	-1,030.77	3,070.61	2,751.68	318.94	9.628		
12,500.00	7,268.47	7,243.47	7,243.47	151.75	251.15	-91.07	-3,247.04	-1,030.77	3,162.18	2,843.62	318.56	9.927		
12,600.00	7,269.28	7,244.28	7,244.28	154.51	251.17	-91.11	-3,247.04	-1,030.77	3,254.24	2,936.03	318.20	10.227		
12,700.00	7,270.09	7,245.09	7,245.09	157.27	251.20	-91.15	-3,247.04	-1,030.77	3,346.75	3,028.88	317.87	10.529		
12,800.00	7,270.89	7,245.89	7,245.89	160.04	251.23	-91.18	-3,247.04	-1,030.77	3,439.68	3,122.13	317.55	10.832		
12,900.00	7,271.70	7,246.70	7,246.70	162.81	251.26	-91.22	-3,247.04	-1,030.77	3,533.00	3,215.75	317.25	11.136		
13,000.00	7,272.51	7,247.51	7,247.51	165.58	251.29	-91.26	-3,247.04	-1,030.77	3,626.68	3,309.71	316.97	11.442		
13,100.00	7,273.32	7,248.32	7,248.32	168.36	251.32	-91.29	-3,247.04	-1,030.77	3,720.68	3,403.98	316.70	11.748		
13,200.00	7,274.13	7,249.13	7,249.13	171.14	251.34	-91.33	-3,247.04	-1,030.77	3,814.99	3,498.54	316.45	12.055		
13,300.00	7,274.93	7,249.93	7,249.93	173.92	251.37	-91.37	-3,247.04	-1,030.77	3,909.58	3,593.37	316.22	12.364		
13,400.00	7,275.74	7,250.74	7,250.74	176.71	251.40	-91.41	-3,247.04	-1,030.77	4,004.44	3,688.44	315.99	12.673		
13,500.00	7,276.55	7,251.55	7,251.55	179.49	251.43	-91.44	-3,247.04	-1,030.77	4,099.54	3,783.75	315.78	12.982		
13,555.88	7,277.00	7,252.00	7,252.00	181.05	251.44	-91.46	-3,247.04	-1,030.77	4,152.78	3,837.11	315.67	13.155		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-87.59	351.50	-8,359.82	8,367.20					
100.00	100.00	104.00	96.00	3.28	3.78	-87.59	351.50	-8,359.82	8,367.20	8,360.13	7.07	1,183.842		
200.00	200.00	204.00	196.00	3.34	6.30	-87.59	351.50	-8,359.82	8,367.20	8,357.57	9.63	868.440		
300.00	299.98	304.02	295.98	3.44	9.46	126.46	351.50	-8,359.82	8,368.24	8,355.34	12.90	648.949		
400.00	399.84	404.16	395.84	3.59	12.79	126.43	351.50	-8,359.82	8,371.35	8,354.97	16.38	510.988		
500.00	499.45	504.55	495.45	3.79	16.20	126.40	351.50	-8,359.82	8,376.54	8,356.54	19.99	418.939		
600.00	598.70	605.30	594.70	4.04	19.66	126.35	351.50	-8,359.82	8,383.80	8,360.11	23.70	353.808		
700.00	697.47	706.53	693.47	4.32	23.15	126.28	351.50	-8,359.82	8,393.14	8,365.67	27.47	305.514		
800.00	795.62	808.38	791.62	4.64	26.68	126.20	351.50	-8,359.82	8,404.56	8,373.24	31.32	268.366		
900.00	893.06	889.06	889.06	5.01	29.47	126.10	351.50	-8,359.82	8,418.05	8,383.58	34.47	244.210		
1,000.00	989.64	985.64	985.64	5.41	32.83	125.99	351.50	-8,359.82	8,433.63	8,395.42	38.21	220.703		
1,100.00	1,085.27	1,081.27	1,081.27	5.85	36.15	125.85	351.50	-8,359.82	8,451.28	8,409.33	41.96	201.427		
1,200.00	1,179.82	1,175.82	1,175.82	6.33	39.44	125.70	351.50	-8,359.82	8,471.02	8,425.32	45.70	185.367		
1,300.00	1,273.78	1,269.78	1,269.78	6.85	42.71	125.88	351.50	-8,359.82	8,491.84	8,442.39	49.45	171.741		
1,400.00	1,367.75	1,363.75	1,363.75	7.38	45.98	126.06	351.50	-8,359.82	8,512.74	8,459.53	53.21	159.987		
1,500.00	1,461.72	1,457.72	1,457.72	7.93	49.25	126.24	351.50	-8,359.82	8,533.73	8,476.74	56.99	149.747		
1,600.00	1,555.69	1,551.69	1,551.69	8.49	52.53	126.41	351.50	-8,359.82	8,554.81	8,494.03	60.78	140.754		
1,700.00	1,649.66	1,645.66	1,645.66	9.07	55.80	126.59	351.50	-8,359.82	8,575.97	8,511.39	64.58	132.798		
1,800.00	1,743.63	1,739.63	1,739.63	9.65	59.08	126.77	351.50	-8,359.82	8,597.21	8,528.82	68.39	125.713		
1,900.00	1,837.60	1,833.60	1,833.60	10.24	62.35	126.94	351.50	-8,359.82	8,618.54	8,546.34	72.20	119.365		
2,000.00	1,931.57	1,927.57	1,927.57	10.83	65.63	127.12	351.50	-8,359.82	8,639.95	8,563.93	76.02	113.648		
2,100.00	2,025.54	2,021.54	2,021.54	11.43	68.90	127.29	351.50	-8,359.82	8,661.44	8,581.59	79.85	108.473		
2,200.00	2,119.51	2,115.51	2,115.51	12.03	72.18	127.46	351.50	-8,359.82	8,683.02	8,599.34	83.68	103.767		
2,300.00	2,213.48	2,209.48	2,209.48	12.64	75.46	127.63	351.50	-8,359.82	8,704.67	8,617.16	87.51	99.470		
2,400.00	2,307.45	2,303.45	2,303.45	13.25	78.74	127.81	351.50	-8,359.82	8,726.41	8,635.06	91.35	95.532		
2,500.00	2,401.42	2,402.58	2,397.42	13.87	82.19	127.98	351.50	-8,359.82	8,748.22	8,652.86	95.36	91.737		
2,600.00	2,495.39	2,508.61	2,491.39	14.48	85.89	128.15	351.50	-8,359.82	8,770.12	8,670.49	99.62	88.034		
2,700.00	2,589.35	2,585.35	2,585.35	15.10	88.57	128.31	351.50	-8,359.82	8,792.09	8,689.23	102.86	85.475		
2,800.00	2,683.32	2,679.32	2,679.32	15.72	91.85	128.48	351.50	-8,359.82	8,814.14	8,707.44	106.70	82.605		
2,900.00	2,777.29	2,773.29	2,773.29	16.34	95.13	128.65	351.50	-8,359.82	8,836.27	8,725.72	110.55	79.933		
3,000.00	2,871.26	2,867.26	2,867.26	16.97	98.41	128.82	351.50	-8,359.82	8,858.47	8,744.08	114.39	77.442		
3,100.00	2,965.23	2,961.23	2,961.23	17.59	101.68	128.98	351.50	-8,359.82	8,880.75	8,762.52	118.23	75.112		
3,200.00	3,059.20	3,055.20	3,055.20	18.22	104.96	129.15	351.50	-8,359.82	8,903.11	8,781.03	122.08	72.930		
3,300.00	3,153.17	3,149.17	3,149.17	18.84	108.24	129.31	351.50	-8,359.82	8,925.54	8,799.62	125.92	70.881		
3,400.00	3,247.14	3,243.14	3,243.14	19.47	111.52	129.47	351.50	-8,359.82	8,948.05	8,818.28	129.77	68.954		
3,500.00	3,341.11	3,337.11	3,337.11	20.10	114.80	129.64	351.50	-8,359.82	8,970.63	8,837.01	133.61	67.139		
3,600.00	3,435.08	3,431.08	3,431.08	20.73	118.08	129.80	351.50	-8,359.82	8,993.28	8,855.82	137.46	65.425		
3,700.00	3,529.05	3,525.05	3,525.05	21.36	121.36	129.96	351.50	-8,359.82	9,016.01	8,874.70	141.31	63.805		
3,800.00	3,623.02	3,619.02	3,619.02	21.99	124.64	130.12	351.50	-8,359.82	9,038.81	8,893.65	145.15	62.272		
3,900.00	3,716.99	3,712.99	3,712.99	22.62	127.92	130.28	351.50	-8,359.82	9,061.68	8,912.68	149.00	60.818		
4,000.00	3,810.95	3,806.95	3,806.95	23.25	131.20	130.44	351.50	-8,359.82	9,084.62	8,931.77	152.84	59.438		
4,100.00	3,904.92	3,900.92	3,900.92	23.88	134.48	130.60	351.50	-8,359.82	9,107.63	8,950.94	156.69	58.126		
4,200.00	3,998.89	4,005.11	3,994.89	24.52	138.11	130.75	351.50	-8,359.82	9,130.71	8,969.82	160.89	56.751		
4,300.00	4,092.86	4,088.86	4,088.86	25.15	141.04	130.91	351.50	-8,359.82	9,153.86	8,989.48	164.38	55.688		
4,400.00	4,186.83	4,182.83	4,182.83	25.78	144.31	131.07	351.50	-8,359.82	9,177.08	9,008.86	168.22	54.553		
4,500.00	4,280.80	4,276.80	4,276.80	26.42	147.59	131.22	351.50	-8,359.82	9,200.37	9,028.31	172.07	53.469		
4,600.00	4,374.77	4,370.77	4,370.77	27.05	150.87	131.38	351.50	-8,359.82	9,223.73	9,047.82	175.91	52.433		
4,700.00	4,468.74	4,464.74	4,464.74	27.68	154.15	131.53	351.50	-8,359.82	9,247.16	9,067.40	179.76	51.442		
4,800.00	4,562.71	4,558.71	4,558.71	28.32	157.43	131.68	351.50	-8,359.82	9,270.65	9,087.05	183.60	50.493		
4,900.00	4,656.68	4,652.68	4,652.68	28.95	160.71	131.84	351.50	-8,359.82	9,294.21	9,106.76	187.44	49.584		
5,000.00	4,750.65	4,746.65	4,746.65	29.59	163.99	131.99	351.50	-8,359.82	9,317.83	9,126.54	191.29	48.711		
5,100.00	4,844.62	4,840.62	4,840.62	30.23	167.27	132.14	351.50	-8,359.82	9,341.52	9,146.39	195.13	47.873		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,934.59	4,934.59	30.86	170.55	132.29	351.50	-8,359.82	9,365.28	9,166.30	198.97	47.068		
5,300.00	5,032.56	5,028.56	5,028.56	31.50	173.83	132.44	351.50	-8,359.82	9,389.10	9,186.28	202.81	46.294		
5,400.00	5,126.52	5,122.52	5,122.52	32.13	177.11	132.59	351.50	-8,359.82	9,412.98	9,206.32	206.66	45.549		
5,500.00	5,220.49	5,216.49	5,216.49	32.77	180.39	132.73	351.50	-8,359.82	9,436.93	9,226.43	210.50	44.832		
5,600.00	5,314.46	5,310.46	5,310.46	33.41	183.67	132.88	351.50	-8,359.82	9,460.94	9,246.60	214.34	44.140		
5,700.00	5,408.43	5,404.43	5,404.43	34.04	186.95	133.03	351.50	-8,359.82	9,485.01	9,266.83	218.18	43.474		
5,800.00	5,502.40	5,501.60	5,498.40	34.68	190.34	133.17	351.50	-8,359.82	9,509.14	9,287.01	222.13	42.809		
5,900.00	5,596.37	5,607.63	5,592.37	35.32	194.04	133.32	351.50	-8,359.82	9,533.34	9,306.95	226.39	42.110		
6,000.00	5,690.34	5,686.34	5,686.34	35.96	196.79	133.46	351.50	-8,359.82	9,557.60	9,327.90	229.70	41.610		
6,100.00	5,784.31	5,780.31	5,780.31	36.59	200.07	133.61	351.50	-8,359.82	9,581.91	9,348.38	233.53	41.030		
6,200.00	5,878.28	5,874.28	5,874.28	37.23	203.35	133.75	351.50	-8,359.82	9,606.29	9,368.92	237.37	40.469		
6,300.00	5,972.25	5,968.25	5,968.25	37.87	206.63	133.89	351.50	-8,359.82	9,630.73	9,389.52	241.21	39.927		
6,400.00	6,066.22	6,062.22	6,062.22	38.51	209.91	134.04	351.50	-8,359.82	9,655.23	9,410.18	245.05	39.401		
6,500.00	6,160.19	6,156.19	6,156.19	39.14	213.19	134.18	351.50	-8,359.82	9,679.78	9,430.90	248.88	38.893		
6,600.00	6,254.16	6,250.16	6,250.16	39.78	216.47	134.32	351.50	-8,359.82	9,704.40	9,451.68	252.72	38.400		
6,700.00	6,348.13	6,344.13	6,344.13	40.42	219.75	134.46	351.50	-8,359.82	9,729.07	9,472.51	256.56	37.922		
6,800.00	6,442.09	6,438.09	6,438.09	41.06	223.03	134.60	351.50	-8,359.82	9,753.80	9,493.41	260.39	37.458		
6,869.92	6,507.80	6,503.80	6,503.80	41.51	225.33	134.69	351.50	-8,359.82	9,771.13	9,508.05	263.07	37.142		
6,900.00	6,536.18	6,532.18	6,532.18	41.69	226.32	127.82	351.50	-8,359.82	9,777.91	9,513.69	264.23	37.006		
6,950.00	6,583.76	6,579.76	6,579.76	41.98	227.98	114.55	351.50	-8,359.82	9,786.20	9,520.05	266.15	36.769		
7,000.00	6,631.58	6,627.58	6,627.58	42.23	229.65	99.89	351.50	-8,359.82	9,790.71	9,522.64	268.07	36.523		
7,050.00	6,679.34	6,675.34	6,675.34	42.44	231.31	85.67	351.50	-8,359.82	9,791.41	9,521.46	269.95	36.271		
7,100.00	6,726.76	6,722.76	6,722.76	42.62	232.97	73.48	351.50	-8,359.82	9,788.31	9,516.51	271.80	36.013		
7,150.00	6,773.53	6,769.53	6,769.53	42.78	234.60	63.86	351.50	-8,359.82	9,781.42	9,507.84	273.58	35.753		
7,200.00	6,819.38	6,815.38	6,815.38	42.91	236.20	56.61	351.50	-8,359.82	9,770.80	9,495.50	275.31	35.491		
7,250.00	6,864.01	6,860.01	6,860.01	43.03	237.76	51.25	351.50	-8,359.82	9,756.51	9,479.56	276.95	35.228		
7,300.00	6,907.16	6,903.16	6,903.16	43.14	239.27	47.34	351.50	-8,359.82	9,738.65	9,460.12	278.52	34.965		
7,350.00	6,948.56	6,944.56	6,944.56	43.24	240.71	44.53	351.50	-8,359.82	9,717.32	9,437.31	280.00	34.704		
7,400.00	6,987.94	6,983.94	6,983.94	43.35	242.09	42.59	351.50	-8,359.82	9,692.65	9,411.26	281.39	34.445		
7,450.00	7,025.08	7,021.08	7,021.08	43.46	243.38	41.38	351.50	-8,359.82	9,664.81	9,382.13	282.69	34.189		
7,500.00	7,059.73	7,055.73	7,055.73	43.57	244.59	40.81	351.50	-8,359.82	9,633.96	9,350.09	283.87	33.937		
7,550.00	7,091.70	7,087.70	7,087.70	43.70	245.71	40.83	351.50	-8,359.82	9,600.30	9,315.34	284.96	33.690		
7,600.00	7,120.77	7,116.77	7,116.77	43.84	246.72	41.45	351.50	-8,359.82	9,564.02	9,278.09	285.93	33.449		
7,650.00	7,146.77	7,142.77	7,142.77	44.00	247.63	42.73	351.50	-8,359.82	9,525.36	9,238.57	286.79	33.213		
7,700.00	7,169.54	7,165.54	7,165.54	44.18	248.43	44.79	351.50	-8,359.82	9,484.55	9,197.01	287.54	32.985		
7,750.00	7,188.94	7,184.94	7,184.94	44.38	249.10	47.80	351.50	-8,359.82	9,441.84	9,153.66	288.18	32.764		
7,800.00	7,204.85	7,200.85	7,200.85	44.61	249.66	52.09	351.50	-8,359.82	9,397.48	9,108.79	288.69	32.552		
7,850.00	7,217.17	7,213.17	7,213.17	44.88	250.09	58.11	351.50	-8,359.82	9,351.76	9,062.67	289.09	32.349		
7,900.00	7,225.83	7,221.83	7,221.83	45.17	250.39	66.52	351.50	-8,359.82	9,304.94	9,015.57	289.37	32.155		
7,950.00	7,230.77	7,226.77	7,226.77	45.50	250.56	78.04	351.50	-8,359.82	9,257.32	8,967.78	289.54	31.973		
7,985.49	7,232.00	7,228.00	7,228.00	45.75	250.61	88.31	351.50	-8,359.82	9,223.18	8,933.60	289.58	31.850		
8,000.00	7,232.12	7,228.12	7,228.12	45.86	250.61	88.31	351.50	-8,359.82	9,209.19	8,919.60	289.59	31.801		
8,100.00	7,232.93	7,228.93	7,228.93	46.71	250.64	88.33	351.50	-8,359.82	9,112.78	8,823.14	289.64	31.463		
8,200.00	7,233.74	7,229.74	7,229.74	47.73	250.67	88.35	351.50	-8,359.82	9,016.45	8,726.75	289.71	31.123		
8,300.00	7,234.54	7,230.54	7,230.54	48.94	250.69	88.37	351.50	-8,359.82	8,920.21	8,630.41	289.80	30.781		
8,400.00	7,235.35	7,231.35	7,231.35	50.32	250.72	88.39	351.50	-8,359.82	8,824.05	8,534.14	289.91	30.437		
8,500.00	7,236.16	7,232.16	7,232.16	51.86	250.75	88.41	351.50	-8,359.82	8,727.97	8,437.93	290.04	30.092		
8,600.00	7,236.97	7,232.97	7,232.97	53.54	250.78	88.42	351.50	-8,359.82	8,631.98	8,341.78	290.20	29.745		
8,700.00	7,237.77	7,233.77	7,233.77	55.33	250.81	88.44	351.50	-8,359.82	8,536.09	8,245.71	290.38	29.396		
8,800.00	7,238.58	7,234.58	7,234.58	57.24	250.84	88.46	351.50	-8,359.82	8,440.29	8,149.70	290.59	29.046		
8,900.00	7,239.39	7,235.39	7,235.39	59.24	250.86	88.48	351.50	-8,359.82	8,344.58	8,053.76	290.82	28.693		
9,000.00	7,240.20	7,236.20	7,236.20	61.31	250.89	88.50	351.50	-8,359.82	8,248.98	7,957.90	291.09	28.339		

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 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,237.01	7,237.01	63.46	250.92	88.52	351.50	-8,359.82	8,153.49	7,862.11	291.38	27.982		
9,200.00	7,241.81	7,237.81	7,237.81	65.67	250.95	88.54	351.50	-8,359.82	8,058.10	7,766.40	291.70	27.624		
9,300.00	7,242.62	7,238.62	7,238.62	67.93	250.98	88.56	351.50	-8,359.82	7,962.83	7,670.77	292.06	27.264		
9,400.00	7,243.43	7,239.43	7,239.43	70.25	251.00	88.58	351.50	-8,359.82	7,867.68	7,575.22	292.46	26.902		
9,500.00	7,244.24	7,240.24	7,240.24	72.60	251.03	88.60	351.50	-8,359.82	7,772.64	7,479.76	292.88	26.538		
9,600.00	7,245.04	7,241.04	7,241.04	74.99	251.06	88.62	351.50	-8,359.82	7,677.74	7,384.39	293.35	26.173		
9,700.00	7,245.85	7,241.85	7,241.85	77.42	251.09	88.63	351.50	-8,359.82	7,582.96	7,289.11	293.85	25.805		
9,800.00	7,246.66	7,242.66	7,242.66	79.87	251.12	88.65	351.50	-8,359.82	7,488.32	7,193.92	294.40	25.436		
9,900.00	7,247.47	7,243.47	7,243.47	82.36	251.15	88.67	351.50	-8,359.82	7,393.82	7,098.84	294.98	25.065		
10,000.00	7,248.28	7,244.28	7,244.28	84.87	251.17	88.69	351.50	-8,359.82	7,299.47	7,003.86	295.61	24.693		
10,100.00	7,249.08	7,245.08	7,245.08	87.40	251.20	88.71	351.50	-8,359.82	7,205.26	6,908.98	296.28	24.319		
10,200.00	7,249.89	7,245.89	7,245.89	89.95	251.23	88.73	351.50	-8,359.82	7,111.22	6,814.22	297.00	23.943		
10,300.00	7,250.70	7,246.70	7,246.70	92.52	251.26	88.75	351.50	-8,359.82	7,017.34	6,719.58	297.77	23.567		
10,400.00	7,251.51	7,247.51	7,247.51	95.11	251.29	88.77	351.50	-8,359.82	6,923.64	6,625.05	298.58	23.188		
10,500.00	7,252.31	7,248.31	7,248.31	97.71	251.32	88.79	351.50	-8,359.82	6,830.11	6,530.66	299.45	22.809		
10,600.00	7,253.12	7,249.12	7,249.12	100.33	251.34	88.81	351.50	-8,359.82	6,736.77	6,436.40	300.37	22.428		
10,700.00	7,253.93	7,249.93	7,249.93	102.96	251.37	88.82	351.50	-8,359.82	6,643.62	6,342.28	301.34	22.047		
10,800.00	7,254.74	7,250.74	7,250.74	105.61	251.40	88.84	351.50	-8,359.82	6,550.67	6,248.30	302.37	21.665		
10,900.00	7,255.55	7,251.55	7,251.55	108.26	251.43	88.86	351.50	-8,359.82	6,457.93	6,154.48	303.45	21.282		
11,000.00	7,256.35	7,252.35	7,252.35	110.92	251.46	88.88	351.50	-8,359.82	6,365.42	6,060.82	304.59	20.898		
11,100.00	7,257.16	7,253.16	7,253.16	113.60	251.48	88.90	351.50	-8,359.82	6,273.13	5,967.33	305.80	20.514		
11,200.00	7,257.97	7,253.97	7,253.97	116.28	251.51	88.92	351.50	-8,359.82	6,181.08	5,874.02	307.06	20.130		
11,300.00	7,258.78	7,254.78	7,254.78	118.97	251.54	88.94	351.50	-8,359.82	6,089.29	5,780.89	308.39	19.745		
11,400.00	7,259.58	7,255.58	7,255.58	121.67	251.57	88.96	351.50	-8,359.82	5,997.75	5,687.96	309.79	19.361		
11,500.00	7,260.39	7,256.39	7,256.39	124.38	251.60	88.98	351.50	-8,359.82	5,906.49	5,595.24	311.26	18.976		
11,600.00	7,261.20	7,257.20	7,257.20	127.09	251.63	89.00	351.50	-8,359.82	5,815.52	5,502.73	312.79	18.592		
11,700.00	7,262.01	7,258.01	7,258.01	129.81	251.65	89.01	351.50	-8,359.82	5,724.85	5,410.45	314.40	18.209		
11,800.00	7,262.82	7,258.82	7,258.82	132.53	251.68	89.03	351.50	-8,359.82	5,634.49	5,318.41	316.08	17.826		
11,900.00	7,263.62	7,259.62	7,259.62	135.26	251.71	89.05	351.50	-8,359.82	5,544.47	5,226.63	317.84	17.444		
12,000.00	7,264.43	7,260.43	7,260.43	138.00	251.74	89.07	351.50	-8,359.82	5,454.79	5,135.11	319.68	17.063		
12,100.00	7,265.24	7,261.24	7,261.24	140.74	251.77	89.09	351.50	-8,359.82	5,365.48	5,043.88	321.60	16.684		
12,200.00	7,266.05	7,262.05	7,262.05	143.49	251.79	89.11	351.50	-8,359.82	5,276.55	4,952.94	323.60	16.306		
12,300.00	7,266.86	7,262.86	7,262.86	146.24	251.82	89.13	351.50	-8,359.82	5,188.02	4,862.33	325.70	15.929		
12,400.00	7,267.66	7,263.66	7,263.66	148.99	251.85	89.15	351.50	-8,359.82	5,099.92	4,772.04	327.88	15.554		
12,500.00	7,268.47	7,264.47	7,264.47	151.75	251.88	89.17	351.50	-8,359.82	5,012.26	4,682.11	330.16	15.182		
12,600.00	7,269.28	7,265.28	7,265.28	154.51	251.91	89.19	351.50	-8,359.82	4,925.08	4,592.55	332.53	14.811		
12,700.00	7,270.09	7,266.09	7,266.09	157.27	251.94	89.20	351.50	-8,359.82	4,838.39	4,503.39	335.00	14.443		
12,800.00	7,270.89	7,266.89	7,266.89	160.04	251.96	89.22	351.50	-8,359.82	4,752.22	4,414.65	337.57	14.078		
12,900.00	7,271.70	7,267.70	7,267.70	162.81	251.99	89.24	351.50	-8,359.82	4,666.61	4,326.35	340.25	13.715		
13,000.00	7,272.51	7,268.51	7,268.51	165.58	252.02	89.26	351.50	-8,359.82	4,581.57	4,238.53	343.05	13.356		
13,100.00	7,273.32	7,269.32	7,269.32	168.36	252.05	89.28	351.50	-8,359.82	4,497.16	4,151.21	345.95	12.999		
13,200.00	7,274.13	7,270.13	7,270.13	171.14	252.08	89.30	351.50	-8,359.82	4,413.39	4,064.42	348.97	12.647		
13,300.00	7,274.93	7,270.93	7,270.93	173.92	252.10	89.32	351.50	-8,359.82	4,330.31	3,978.20	352.11	12.298		
13,400.00	7,275.74	7,271.74	7,271.74	176.71	252.13	89.34	351.50	-8,359.82	4,247.97	3,892.58	355.38	11.953		
13,500.00	7,276.55	7,272.55	7,272.55	179.49	252.16	89.36	351.50	-8,359.82	4,166.39	3,807.61	358.78	11.613		
13,555.88	7,277.00	7,273.00	7,273.00	181.05	252.18	89.37	351.50	-8,359.82	4,121.16	3,760.42	360.73	11.424 CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	30.82	1,606.97	958.82	1,871.49					
100.00	100.00	66.41	66.41	3.28	3.28	30.82	1,607.14	958.73	1,871.39	1,864.82	6.57	284.929 CC, ES		
200.00	200.00	171.20	171.19	3.34	3.32	30.79	1,607.79	958.23	1,871.68	1,865.02	6.66	281.101		
300.00	299.98	274.05	274.05	3.44	3.42	-115.21	1,608.02	957.64	1,872.33	1,865.47	6.86	273.009		
400.00	399.84	370.12	370.12	3.59	3.56	-115.31	1,608.09	957.47	1,874.53	1,867.38	7.15	262.323		
500.00	499.45	468.23	468.23	3.79	3.74	-115.49	1,608.37	957.31	1,878.44	1,870.91	7.53	249.573		
600.00	598.70	571.14	571.13	4.04	3.97	-115.74	1,608.52	957.25	1,883.84	1,875.85	8.00	235.511		
700.00	697.47	669.73	669.72	4.32	4.22	-116.03	1,608.46	957.24	1,890.68	1,882.15	8.53	221.562		
800.00	795.62	763.20	763.19	4.64	4.48	-116.37	1,608.59	957.19	1,899.33	1,890.21	9.12	208.352		
900.00	893.06	860.05	860.05	5.01	4.77	-116.77	1,608.87	957.28	1,909.91	1,900.14	9.76	195.622		
1,000.00	989.64	961.62	961.61	5.41	5.10	-117.25	1,608.91	957.52	1,922.14	1,911.66	10.48	183.468		
1,100.00	1,085.27	1,062.69	1,062.68	5.85	5.43	-117.78	1,608.73	957.57	1,935.98	1,924.74	11.24	172.293		
1,200.00	1,179.82	1,157.25	1,157.24	6.33	5.76	-118.31	1,608.38	957.56	1,951.63	1,939.61	12.02	162.388		
1,300.00	1,273.78	1,252.16	1,252.15	6.85	6.10	-119.15	1,608.10	957.59	1,968.60	1,955.76	12.83	153.387		
1,400.00	1,367.75	1,346.73	1,346.72	7.38	6.44	-119.97	1,607.66	957.69	1,985.88	1,972.21	13.67	145.267		
1,500.00	1,461.72	1,437.42	1,437.41	7.93	6.78	-120.74	1,607.31	957.86	2,003.69	1,989.18	14.51	138.094		
1,600.00	1,555.69	1,529.80	1,529.79	8.49	7.12	-121.52	1,607.14	958.01	2,022.07	2,006.70	15.37	131.567		
1,700.00	1,649.66	1,625.28	1,625.27	9.07	7.49	-122.31	1,606.97	958.01	2,040.80	2,024.55	16.25	125.566		
1,800.00	1,743.63	1,718.94	1,718.93	9.65	7.85	-123.08	1,606.80	958.08	2,059.95	2,042.81	17.14	120.198		
1,900.00	1,837.60	1,819.20	1,819.19	10.24	8.24	-123.88	1,606.40	958.25	2,079.31	2,061.25	18.06	115.140		
2,000.00	1,931.57	1,917.56	1,917.54	10.83	8.63	-124.65	1,605.77	958.31	2,098.79	2,079.81	18.98	110.588		
2,100.00	2,025.54	2,012.54	2,012.52	11.43	9.01	-125.38	1,605.09	958.27	2,118.54	2,098.65	19.89	106.525		
2,200.00	2,119.51	2,107.59	2,107.57	12.03	9.39	-126.10	1,604.40	958.15	2,138.59	2,117.79	20.80	102.813		
2,300.00	2,213.48	2,203.75	2,203.73	12.64	9.77	-126.83	1,603.74	957.71	2,158.92	2,137.20	21.72	99.391		
2,400.00	2,307.45	2,301.52	2,301.50	13.25	10.17	-127.56	1,603.02	956.95	2,179.47	2,156.81	22.65	96.217		
2,500.00	2,401.42	2,393.28	2,393.24	13.87	10.54	-128.24	1,602.35	956.13	2,200.32	2,176.76	23.55	93.413		
2,600.00	2,495.39	2,480.99	2,480.95	14.48	10.90	-128.88	1,601.88	955.35	2,221.67	2,197.23	24.44	90.908		
2,700.00	2,589.35	2,567.99	2,567.95	15.10	11.26	-129.50	1,601.68	954.57	2,243.62	2,218.31	25.32	88.617		
2,800.00	2,683.32	2,656.39	2,656.34	15.72	11.62	-130.13	1,601.73	953.81	2,266.16	2,239.96	26.20	86.484		
2,900.00	2,777.29	2,749.06	2,749.01	16.34	12.00	-130.77	1,601.92	953.14	2,289.16	2,262.05	27.11	84.442		
3,000.00	2,871.26	2,844.56	2,844.51	16.97	12.39	-131.41	1,602.06	952.43	2,312.40	2,284.37	28.03	82.498		
3,100.00	2,965.23	2,945.10	2,945.05	17.59	12.81	-132.08	1,602.07	951.77	2,335.82	2,306.85	28.98	80.611		
3,200.00	3,059.20	3,046.42	3,046.36	18.22	13.23	-132.74	1,601.62	951.14	2,359.10	2,329.17	29.93	78.826		
3,300.00	3,153.17	3,137.72	3,137.66	18.84	13.61	-133.32	1,601.17	950.52	2,382.59	2,351.76	30.83	77.290		
3,400.00	3,247.14	3,221.14	3,221.07	19.47	13.95	-133.84	1,600.97	949.89	2,406.56	2,374.88	31.68	75.961		
3,500.00	3,341.11	3,294.33	3,294.26	20.10	14.26	-134.29	1,601.33	949.33	2,431.45	2,398.97	32.48	74.867		
3,600.00	3,435.08	3,378.52	3,378.45	20.73	14.61	-134.81	1,602.25	948.85	2,457.18	2,423.85	33.33	73.725		
3,700.00	3,529.05	3,466.78	3,466.70	21.36	14.98	-135.33	1,603.45	948.57	2,483.41	2,449.21	34.20	72.609		
3,800.00	3,623.02	3,552.22	3,552.13	21.99	15.33	-135.83	1,604.80	948.32	2,510.08	2,475.03	35.06	71.598		
3,900.00	3,716.99	3,638.78	3,638.67	22.62	15.69	-136.32	1,606.44	948.35	2,537.31	2,501.39	35.92	70.641		
4,000.00	3,810.95	3,730.96	3,730.84	23.25	16.08	-136.83	1,608.33	948.27	2,564.87	2,528.06	36.81	69.676		
4,100.00	3,904.92	3,831.26	3,831.12	23.88	16.50	-137.38	1,610.34	948.18	2,592.59	2,554.84	37.75	68.675		
4,200.00	3,998.89	3,941.29	3,941.13	24.52	16.96	-137.97	1,611.94	947.66	2,619.95	2,581.20	38.75	67.612		
4,300.00	4,092.86	4,042.02	4,041.85	25.15	17.38	-138.51	1,613.02	946.88	2,647.14	2,607.45	39.69	66.692		
4,400.00	4,186.83	4,139.61	4,139.44	25.78	17.79	-139.02	1,613.85	946.11	2,674.30	2,633.69	40.62	65.844		
4,500.00	4,280.80	4,235.69	4,235.51	26.42	18.20	-139.51	1,614.58	945.56	2,701.58	2,660.05	41.53	65.052		
4,600.00	4,374.77	4,333.20	4,333.02	27.05	18.61	-140.00	1,615.17	944.93	2,728.90	2,686.45	42.45	64.282		
4,700.00	4,468.74	4,428.39	4,428.21	27.68	19.01	-140.46	1,615.67	944.35	2,756.31	2,712.96	43.36	63.568		
4,800.00	4,562.71	4,522.41	4,522.22	28.32	19.40	-140.91	1,616.09	943.97	2,783.84	2,739.58	44.26	62.897		
4,900.00	4,656.68	4,612.26	4,612.07	28.95	19.78	-141.33	1,616.61	943.59	2,811.64	2,766.50	45.13	62.295		
5,000.00	4,750.65	4,716.21	4,716.02	29.59	20.22	-141.80	1,617.07	943.21	2,839.48	2,793.38	46.10	61.600		
5,100.00	4,844.62	4,823.92	4,823.72	30.23	20.68	-142.29	1,617.05	942.72	2,867.03	2,819.95	47.08	60.898		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,200.00	4,938.59	4,926.18	4,925.98	30.86	21.11	-142.74	1,616.68	942.21	2,894.40	2,846.37	48.03	60.264		
5,300.00	5,032.56	5,031.91	5,031.71	31.50	21.56	-143.19	1,615.93	941.78	2,921.60	2,872.60	49.00	59.626		
5,400.00	5,126.52	5,130.52	5,130.32	32.13	21.97	-143.61	1,614.84	941.37	2,948.55	2,898.63	49.93	59.058		
5,500.00	5,220.49	5,217.76	5,217.55	32.77	22.34	-143.96	1,614.09	941.46	2,975.87	2,925.09	50.78	58.599		
5,600.00	5,314.46	5,328.47	5,328.25	33.41	22.81	-144.40	1,612.70	941.51	3,002.93	2,951.14	51.79	57.988		
5,700.00	5,408.43	5,413.39	5,413.17	34.04	23.17	-144.73	1,611.68	941.50	3,030.18	2,977.56	52.63	57.577		
5,800.00	5,502.40	5,513.24	5,513.00	34.68	23.59	-145.12	1,610.48	941.19	3,057.56	3,004.00	53.56	57.085		
5,900.00	5,596.37	5,601.66	5,601.42	35.32	23.97	-145.46	1,609.45	940.79	3,085.08	3,030.66	54.42	56.686		
6,000.00	5,690.34	5,700.13	5,699.88	35.96	24.38	-145.84	1,608.32	940.36	3,112.75	3,057.40	55.35	56.239		
6,100.00	5,784.31	5,789.03	5,788.77	36.59	24.76	-146.17	1,607.31	940.03	3,140.55	3,084.33	56.21	55.869		
6,200.00	5,878.28	5,882.63	5,882.37	37.23	25.16	-146.51	1,606.35	939.72	3,168.55	3,111.44	57.11	55.486		
6,300.00	5,972.25	5,972.08	5,971.81	37.87	25.54	-146.84	1,605.48	939.28	3,196.72	3,138.75	57.97	55.143		
6,400.00	6,066.22	6,055.20	6,054.93	38.51	25.89	-147.13	1,604.86	938.74	3,225.21	3,166.42	58.79	54.855		
6,500.00	6,160.19	6,144.19	6,143.92	39.14	26.27	-147.45	1,604.50	938.00	3,254.13	3,194.48	59.66	54.549		
6,600.00	6,254.16	6,239.23	6,238.95	39.78	26.67	-147.78	1,604.07	937.31	3,283.11	3,222.56	60.56	54.217		
6,700.00	6,348.13	6,327.11	6,326.83	40.42	27.04	-148.09	1,603.75	936.65	3,312.29	3,250.88	61.41	53.939		
6,800.00	6,442.09	6,413.85	6,413.57	41.06	27.41	-148.38	1,603.65	936.05	3,341.78	3,279.53	62.25	53.682		
6,869.92	6,507.80	6,481.33	6,481.05	41.51	27.70	-148.60	1,603.62	935.64	3,362.49	3,299.61	62.89	53.469		
6,900.00	6,536.18	6,510.49	6,510.21	41.69	27.82	-156.30	1,603.59	935.49	3,371.40	3,308.24	63.16	53.380		
6,950.00	6,583.76	6,553.93	6,553.65	41.98	28.01	-170.94	1,603.58	935.29	3,386.15	3,322.59	63.56	53.272		
7,000.00	6,631.58	6,598.55	6,598.27	42.23	28.20	173.04	1,603.62	935.13	3,400.77	3,336.80	63.96	53.168		
7,050.00	6,679.34	6,647.16	6,646.87	42.44	28.41	157.47	1,603.68	934.96	3,415.12	3,350.74	64.38	53.047		
7,100.00	6,726.76	6,695.57	6,695.29	42.62	28.61	143.95	1,603.72	934.73	3,429.11	3,364.32	64.79	52.926		
7,150.00	6,773.53	6,740.09	6,739.81	42.78	28.80	133.02	1,603.76	934.50	3,442.69	3,377.51	65.18	52.821		
7,200.00	6,819.38	6,783.40	6,783.12	42.91	28.99	124.47	1,603.83	934.26	3,455.84	3,390.28	65.56	52.711		
7,250.00	6,864.01	6,828.78	6,828.49	43.03	29.18	117.82	1,603.93	934.04	3,468.51	3,402.54	65.97	52.574		
7,300.00	6,907.16	6,874.59	6,874.30	43.14	29.37	112.63	1,604.00	933.94	3,480.64	3,414.23	66.40	52.415		
7,350.00	6,948.56	6,916.42	6,916.14	43.24	29.55	108.50	1,604.05	933.93	3,492.22	3,425.39	66.83	52.255		
7,400.00	6,987.94	6,953.60	6,953.31	43.35	29.71	105.14	1,604.11	933.91	3,503.29	3,436.04	67.25	52.094		
7,450.00	7,025.08	6,988.70	6,988.42	43.46	29.86	102.40	1,604.18	933.85	3,513.86	3,446.18	67.68	51.915		
7,500.00	7,059.73	7,023.22	7,022.93	43.57	30.00	100.15	1,604.27	933.76	3,523.95	3,455.80	68.15	51.707		
7,550.00	7,091.70	7,055.81	7,055.52	43.70	30.14	98.28	1,604.35	933.72	3,533.55	3,464.90	68.65	51.475		
7,600.00	7,120.77	7,085.38	7,085.10	43.84	30.27	96.71	1,604.41	933.71	3,542.67	3,473.51	69.17	51.220		
7,650.00	7,146.77	7,114.09	7,113.80	44.00	30.39	95.41	1,604.47	933.74	3,551.35	3,481.62	69.73	50.932		
7,700.00	7,169.54	7,141.63	7,141.34	44.18	30.50	94.33	1,604.49	933.81	3,559.57	3,489.24	70.33	50.611		
7,750.00	7,188.94	7,162.32	7,162.03	44.38	30.59	93.35	1,604.48	933.89	3,567.37	3,496.43	70.94	50.286		
7,800.00	7,204.85	7,178.05	7,177.76	44.61	30.66	92.48	1,604.47	933.95	3,574.78	3,503.21	71.57	49.949		
7,850.00	7,217.17	7,190.18	7,189.89	44.88	30.71	91.71	1,604.47	934.00	3,581.81	3,509.59	72.22	49.596		
7,900.00	7,225.83	7,198.64	7,198.35	45.17	30.75	91.03	1,604.46	934.03	3,588.44	3,515.55	72.89	49.230		
7,950.00	7,230.77	7,203.38	7,203.09	45.50	30.77	90.43	1,604.46	934.05	3,594.68	3,521.10	73.57	48.857		
7,985.49	7,232.00	7,204.47	7,204.19	45.75	30.77	90.06	1,604.46	934.06	3,598.85	3,524.78	74.06	48.591		
8,000.00	7,232.12	7,204.53	7,204.24	45.86	30.77	90.06	1,604.46	934.06	3,600.54	3,526.27	74.27	48.482		
8,100.00	7,232.93	7,204.94	7,204.65	46.71	30.77	90.06	1,604.46	934.06	3,613.74	3,538.01	75.73	47.718		
8,200.00	7,233.74	7,205.35	7,205.06	47.73	30.77	90.07	1,604.46	934.06	3,629.65	3,552.34	77.30	46.953		
8,300.00	7,234.54	7,205.76	7,205.47	48.94	30.78	90.08	1,604.46	934.06	3,648.23	3,569.27	78.96	46.202		
8,400.00	7,235.35	7,206.17	7,205.88	50.32	30.78	90.08	1,604.46	934.06	3,669.44	3,588.76	80.69	45.478		
8,500.00	7,236.16	7,206.58	7,206.29	51.86	30.78	90.09	1,604.46	934.07	3,693.24	3,610.78	82.46	44.789		
8,600.00	7,236.97	7,206.99	7,206.70	53.54	30.78	90.10	1,604.46	934.07	3,719.58	3,635.31	84.26	44.142		
8,700.00	7,237.77	7,207.39	7,207.11	55.33	30.78	90.10	1,604.46	934.07	3,748.40	3,662.31	86.09	43.541		
8,800.00	7,238.58	7,207.80	7,207.51	57.24	30.78	90.11	1,604.46	934.07	3,779.65	3,691.73	87.92	42.990		
8,900.00	7,239.39	7,208.21	7,207.92	59.24	30.79	90.12	1,604.46	934.07	3,813.26	3,723.52	89.74	42.491		
9,000.00	7,240.20	7,208.62	7,208.33	61.31	30.79	90.12	1,604.46	934.07	3,849.18	3,757.63	91.55	42.042		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 30C-14-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30C-14-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,100.00	7,241.01	7,209.03	7,208.74	63.46	30.79	90.13	1,604.46	934.08	3,887.34	3,794.00	93.34	41.645		
9,200.00	7,241.81	7,209.44	7,209.15	65.67	30.79	90.14	1,604.46	934.08	3,927.68	3,832.57	95.11	41.298		
9,300.00	7,242.62	7,209.85	7,209.56	67.93	30.79	90.14	1,604.46	934.08	3,970.12	3,873.29	96.83	40.999		
9,400.00	7,243.43	7,210.26	7,209.97	70.25	30.80	90.15	1,604.46	934.08	4,014.61	3,916.09	98.52	40.748		
9,500.00	7,244.24	7,210.66	7,210.38	72.60	30.80	90.16	1,604.46	934.08	4,061.08	3,960.90	100.17	40.541		
9,600.00	7,245.04	7,211.07	7,210.78	74.99	30.80	90.16	1,604.46	934.08	4,109.45	4,007.67	101.78	40.377		
9,700.00	7,245.85	7,211.48	7,211.19	77.42	30.80	90.17	1,604.46	934.09	4,159.66	4,056.33	103.34	40.254		
9,800.00	7,246.66	7,211.89	7,211.60	79.87	30.80	90.18	1,604.46	934.09	4,211.65	4,106.81	104.85	40.170		
9,900.00	7,247.47	7,212.30	7,212.01	82.36	30.80	90.18	1,604.46	934.09	4,265.36	4,159.05	106.31	40.122		
10,000.00	7,248.28	7,212.71	7,212.42	84.87	30.81	90.19	1,604.46	934.09	4,320.70	4,212.98	107.72	40.110 SF		
10,100.00	7,249.08	7,213.12	7,212.83	87.40	30.81	90.19	1,604.46	934.09	4,377.64	4,268.55	109.09	40.130		
10,200.00	7,249.89	7,213.53	7,213.24	89.95	30.81	90.20	1,604.46	934.09	4,436.10	4,325.69	110.40	40.181		
10,300.00	7,250.70	7,213.94	7,213.65	92.52	30.81	90.21	1,604.46	934.10	4,496.02	4,384.35	111.67	40.261		
10,400.00	7,251.51	7,214.34	7,214.06	95.11	30.81	90.21	1,604.46	934.10	4,557.35	4,444.45	112.89	40.369		
10,500.00	7,252.31	7,214.75	7,214.46	97.71	30.81	90.22	1,604.46	934.10	4,620.02	4,505.96	114.07	40.503		
10,600.00	7,253.12	7,215.16	7,214.87	100.33	30.82	90.23	1,604.46	934.10	4,684.00	4,568.80	115.19	40.661		
10,700.00	7,253.93	7,215.57	7,215.28	102.96	30.82	90.23	1,604.46	934.10	4,749.22	4,632.94	116.28	40.843		
10,800.00	7,254.74	7,215.98	7,215.69	105.61	30.82	90.24	1,604.46	934.10	4,815.63	4,698.31	117.32	41.046		
10,900.00	7,255.55	7,216.39	7,216.10	108.26	30.82	90.25	1,604.46	934.11	4,883.19	4,764.87	118.32	41.270		
11,000.00	7,256.35	7,216.80	7,216.51	110.92	30.82	90.25	1,604.46	934.11	4,951.84	4,832.56	119.28	41.514		
11,100.00	7,257.16	7,217.21	7,216.92	113.60	30.82	90.26	1,604.46	934.11	5,021.55	4,901.35	120.20	41.775		
11,200.00	7,257.97	7,217.61	7,217.33	116.28	30.83	90.27	1,604.46	934.11	5,092.27	4,971.18	121.09	42.054		
11,300.00	7,258.78	7,218.02	7,217.73	118.97	30.83	90.27	1,604.45	934.11	5,163.95	5,042.02	121.94	42.350		
11,400.00	7,259.58	7,218.43	7,218.14	121.67	30.83	90.28	1,604.45	934.11	5,236.57	5,113.82	122.75	42.660		
11,500.00	7,260.39	7,218.84	7,218.55	124.38	30.83	90.29	1,604.45	934.12	5,310.07	5,186.54	123.53	42.986		
11,600.00	7,261.20	7,219.25	7,218.96	127.09	30.83	90.29	1,604.45	934.12	5,384.43	5,260.15	124.28	43.325		
11,700.00	7,262.01	7,219.66	7,219.37	129.81	30.83	90.30	1,604.45	934.12	5,459.61	5,334.61	125.00	43.678		
11,800.00	7,262.82	7,220.07	7,219.78	132.53	30.84	90.31	1,604.45	934.12	5,535.57	5,409.88	125.69	44.043		
11,900.00	7,263.62	7,220.48	7,220.19	135.26	30.84	90.31	1,604.45	934.12	5,612.29	5,485.94	126.35	44.419		
12,000.00	7,264.43	7,220.88	7,220.60	138.00	30.84	90.32	1,604.45	934.12	5,689.73	5,562.74	126.98	44.807		
12,100.00	7,265.24	7,221.29	7,221.00	140.74	30.84	90.33	1,604.45	934.12	5,767.86	5,640.27	127.59	45.205		
12,200.00	7,266.05	7,221.70	7,221.41	143.49	30.84	90.33	1,604.45	934.13	5,846.66	5,718.48	128.18	45.614		
12,300.00	7,266.86	7,222.11	7,221.82	146.24	30.85	90.34	1,604.45	934.13	5,926.10	5,797.36	128.74	46.032		
12,400.00	7,267.66	7,222.52	7,222.23	148.99	30.85	90.35	1,604.45	934.13	6,006.15	5,876.87	129.28	46.459		
12,500.00	7,268.47	7,222.93	7,222.64	151.75	30.85	90.35	1,604.45	934.13	6,086.79	5,957.00	129.80	46.895		
12,600.00	7,269.28	7,223.34	7,223.05	154.51	30.85	90.36	1,604.45	934.13	6,168.01	6,037.71	130.30	47.339		
12,700.00	7,270.09	7,223.75	7,223.46	157.27	30.85	90.37	1,604.45	934.13	6,249.76	6,118.99	130.77	47.790		
12,800.00	7,270.89	7,224.15	7,223.87	160.04	30.85	90.37	1,604.45	934.14	6,332.04	6,200.80	131.24	48.250		
12,900.00	7,271.70	7,224.56	7,224.27	162.81	30.86	90.38	1,604.45	934.14	6,414.82	6,283.14	131.68	48.716		
13,000.00	7,272.51	7,224.97	7,224.68	165.58	30.86	90.38	1,604.45	934.14	6,498.09	6,365.98	132.10	49.189		
13,100.00	7,273.32	7,225.38	7,225.09	168.36	30.86	90.39	1,604.45	934.14	6,581.82	6,449.31	132.52	49.668		
13,200.00	7,274.13	7,225.79	7,225.50	171.14	30.86	90.40	1,604.45	934.14	6,666.00	6,533.09	132.91	50.154		
13,300.00	7,274.93	7,226.20	7,225.91	173.92	30.86	90.40	1,604.45	934.14	6,750.62	6,617.32	133.29	50.646		
13,400.00	7,275.74	7,226.61	7,226.32	176.71	30.86	90.41	1,604.45	934.15	6,835.64	6,701.99	133.66	51.143		
13,500.00	7,276.55	7,227.02	7,226.73	179.49	30.87	90.42	1,604.45	934.15	6,921.07	6,787.06	134.01	51.645		
13,555.88	7,277.00	7,227.24	7,226.96	181.05	30.87	90.42	1,604.45	934.15	6,968.98	6,834.78	134.20	51.928		



**Company:** Synergy Resources Corporation  
**Project:** SEC 12-13 T6N R66W  
**Reference Site:** Falken 9-11 PAD  
**Site Error:** 3.28 ft  
**Reference Well:** Falken 30C-14-S  
**Well Error:** 3.28 ft  
**Reference Wellbore:** OH  
**Reference Design:** Plan #1

**Local Co-ordinate Reference:** Well Falken 30C-14-S  
**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

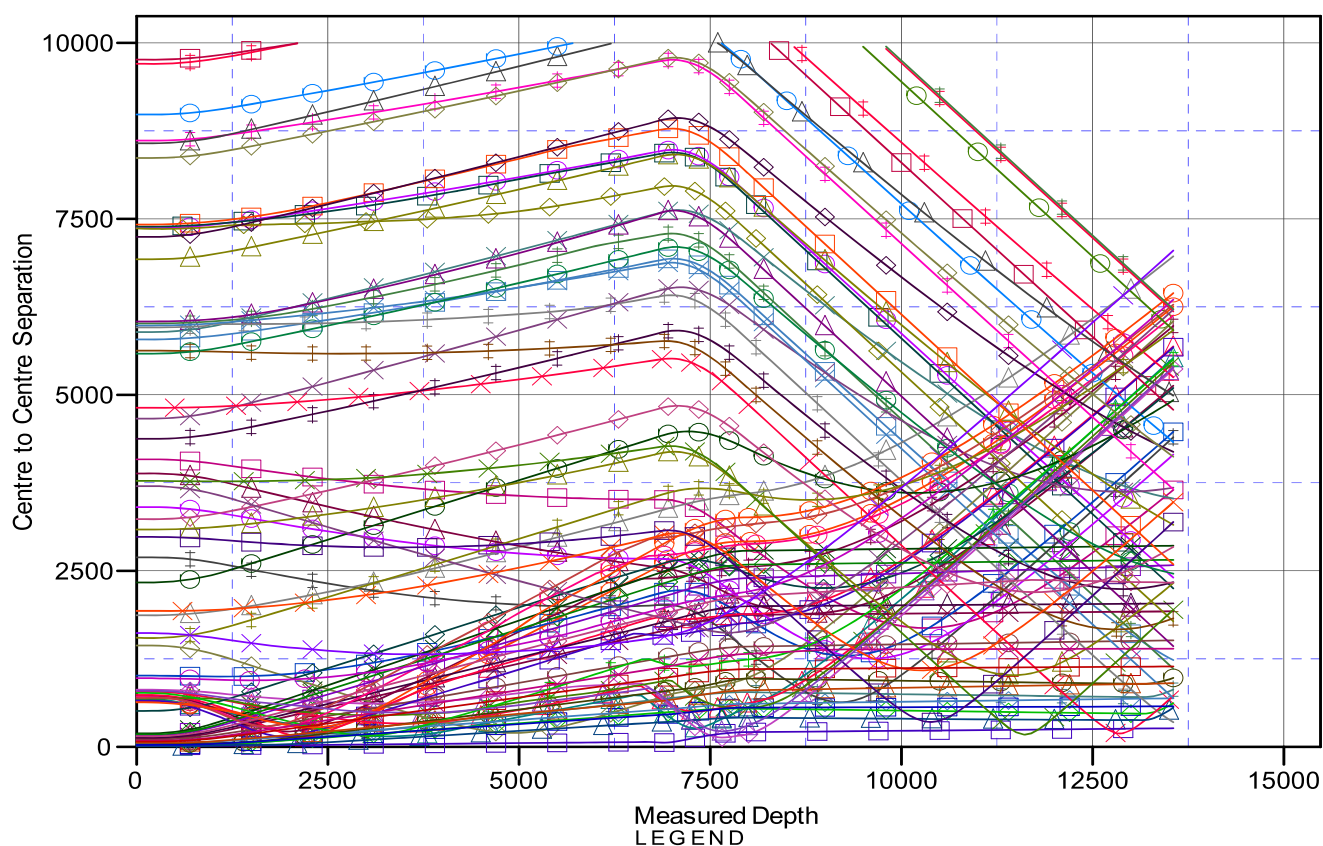
Central Meridian is -105.5000000

Coordinates are relative to: Falken 30C-14-S

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.49°

## Ladder Plot



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



**Company:** Synergy Resources Corporation  
**Project:** SEC 12-13 T6N R66W  
**Reference Site:** Falken 9-11 PAD  
**Site Error:** 3.28 ft  
**Reference Well:** Falken 30C-14-S  
**Well Error:** 3.28 ft  
**Reference Wellbore:** OH  
**Reference Design:** Plan #1

**Local Co-ordinate Reference:** Well Falken 30C-14-S  
**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

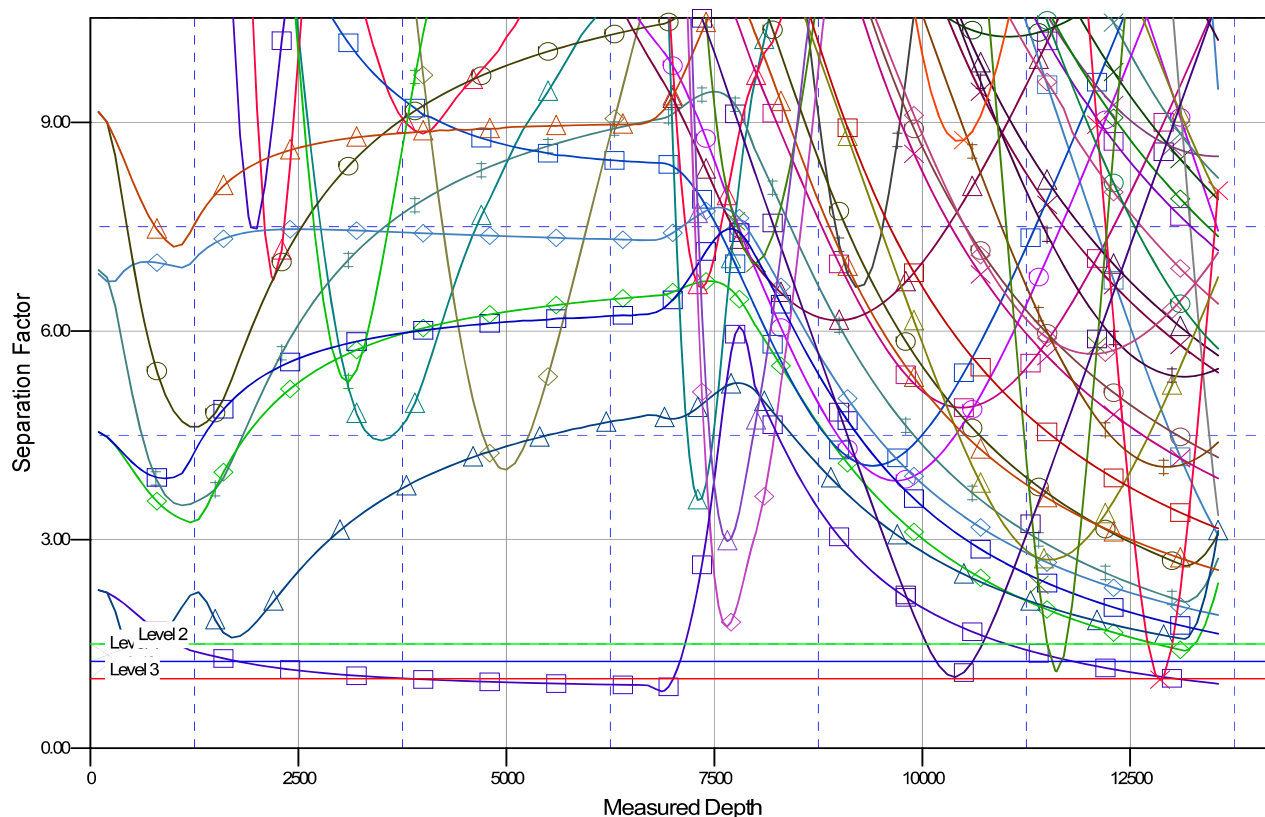
Central Meridian is -105.5000000

Coordinates are relative to: Falken 30C-14-S

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 32C-9-L, 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 #1V0               | JOHNSON #2(PA), OH, OH V0                    | Falken 33N-9C-L, OH, Plan #1V0               |
| 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 #1V0                 |
| 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#1V0                 | 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                        | Fagerberg 23N-7C-M, OH, OH V0                | JOHNSON #1(PA), OH, OH V0                    |
| Fagerberg 25N(S)-7B-M, OH, OH V0             | Harvesters Resources #15U-443(PR), OH, OH V0 | MICHAEL #14-2, OH, OH V0                     |
| JOHNSON #11-16G(TA), OH, OH V0               | Falken 4N-14A-S, OH, Plan#1 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                  | GLLESPIE #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                 |