



# **Synergy Resources Corporation**

**SEC 12-13 T6N R66W  
Falken 9-11 PAD  
Falken 33N-9C-L**

**OH  
Plan #1**

## **Anticollision Report**

**25 April, 2017**



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

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

Survey Tool Program		Date	4/24/2017		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.00	18,920.22	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	12,493.07	7,100.60	3,057.62	2,650.81	7.516	CC
146 COMPANY #14-1 - OH - OH	12,600.00	7,100.86	3,059.49	2,649.94	7.470	ES
146 COMPANY #14-1 - OH - OH	12,900.00	7,101.58	3,084.58	2,668.40	7.412	SF
ANDERSON #1-10-6-66(PA) - OH - OH	13,924.10	7,142.03	364.41	-83.90	0.813	Level 1, CC, ES, SF
ANDERSON #32-10(PR) - OH - OH	15,265.21	7,183.24	2,278.43	1,790.89	4.673	CC
ANDERSON #32-10(PR) - OH - OH	15,300.00	7,183.33	2,278.70	1,790.14	4.664	ES
ANDERSON #32-10(PR) - OH - OH	15,500.00	7,183.81	2,290.50	1,797.15	4.643	SF
ANDERSON #42-10(PR) - OH - OH	13,924.09	7,170.03	2,071.83	1,622.54	4.611	CC
ANDERSON #42-10(PR) - OH - OH	14,000.00	7,170.21	2,073.22	1,621.77	4.592	ES
ANDERSON #42-10(PR) - OH - OH	14,100.00	7,170.45	2,079.28	1,625.39	4.581	SF
ANDERSON/JANUARY #1(PR) - OH - OH	12,583.87	7,159.82	853.57	442.16	2.075	CC
ANDERSON/JANUARY #1(PR) - OH - OH	12,600.00	7,159.86	853.72	441.80	2.073	ES, SF
BLACK GOLD #5(PR) - OH - OH	17,195.16	7,179.87	370.74	-171.31	0.684	Level 1, CC
BLACK GOLD #5(PR) - OH - OH	17,200.00	7,179.88	370.77	-171.44	0.684	Level 1, ES, SF
BLACK GOLD PETROLEUM #1(PR) - OH - OH	17,927.05	7,162.62	408.02	-154.19	0.726	Level 1, CC, ES, SF
BLACK GOLD PETROLEUM #2(SI) - OH - OH	17,952.45	7,170.86	932.23	587.03	2.701	CC, ES
BLACK GOLD PETROLEUM #2(SI) - OH - OH	18,000.00	7,171.18	933.44	587.09	2.695	SF
BLACKGOLD #3(PA) - OH - OH	16,768.50	7,160.85	419.82	-109.47	0.793	Level 1, CC, ES, SF
CARLSON #10-1(PA) - OH - OH	16,625.65	7,172.50	2,278.74	1,753.09	4.335	CC
CARLSON #10-1(PA) - OH - OH	16,700.00	7,172.68	2,279.95	1,752.20	4.320	ES
CARLSON #10-1(PA) - OH - OH	16,800.00	7,172.92	2,285.40	1,755.30	4.311	SF
CARLSON #14-1(PR) - OH - OH	8,881.62	7,185.48	2,018.76	1,923.82	21.263	CC
CARLSON #14-1(PR) - OH - OH	8,900.00	7,185.96	2,018.84	1,923.52	21.178	ES
CARLSON #14-1(PR) - OH - OH	9,500.00	7,201.85	2,111.28	2,005.44	19.947	SF
CARLSON #14-2(SI) - OH - OH	9,999.55	7,109.37	3,071.12	2,732.03	9.057	CC
CARLSON #14-2(SI) - OH - OH	10,100.00	7,109.13	3,072.76	2,731.23	8.997	ES
CARLSON #14-2(SI) - OH - OH	10,500.00	7,108.17	3,111.62	2,761.26	8.881	SF
Fagerberg 11C-7-M - OH - OH	2,750.51	2,722.45	100.10	74.57	3.921	CC, ES, SF
Fagerberg 11N-7A-M - OH - OH	2,395.67	2,355.07	119.53	96.63	5.218	CC
Fagerberg 11N-7A-M - OH - OH	2,400.00	2,359.20	119.54	96.59	5.209	ES
Fagerberg 11N-7A-M - OH - OH	2,500.00	2,456.41	122.50	98.65	5.135	SF
Fagerberg 15N-7A-M - OH - OH	1,595.60	1,464.44	567.80	553.03	38.430	CC
Fagerberg 15N-7A-M - OH - OH	1,600.00	1,468.52	567.81	552.99	38.337	ES
Fagerberg 15N-7A-M - OH - OH	7,350.00	7,171.37	941.15	870.99	13.415	SF
Fagerberg 23N-7C-M - OH - OH	7,499.03	7,292.92	86.38	16.26	1.232	Level 2, CC
Fagerberg 23N-7C-M - OH - OH	7,500.00	7,292.14	86.38	16.24	1.231	Level 2, ES, SF
Fagerberg 25N(S)-7B-M - OH - OH	2,567.46	2,542.80	20.17	-4.33	0.823	Level 1, CC, ES, SF

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

## Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
Falken 9-11 PAD						
Fagerberg 25N-7B-M - OH - OH	2,128.28	2,128.81	154.43	133.12	7.247	CC, ES
Fagerberg 25N-7B-M - OH - OH	2,200.00	2,192.65	158.05	136.09	7.196	SF
Fagerberg 25N-7C-M - OH - OH	2,285.28	2,274.36	98.90	76.87	4.490	CC, ES
Fagerberg 25N-7C-M - OH - OH	2,300.00	2,287.11	99.15	76.98	4.472	SF
Fagerberg 28N-18B-M - OH - OH	1,037.57	850.17	860.73	850.40	83.257	CC, ES
Fagerberg 28N-18B-M - OH - OH	8,100.00	7,145.44	1,476.44	1,396.91	18.566	SF
Fagerberg 36C-7-M - OH - OH	1,185.63	1,014.15	809.14	798.07	73.110	CC
Fagerberg 36C-7-M - OH - OH	1,200.00	1,025.99	809.17	798.00	72.438	ES
Fagerberg 36C-7-M - OH - OH	7,800.00	7,157.86	1,094.91	1,021.17	14.848	SF
Fagerberg 36N-7B-M - OH - OH	7,361.33	7,430.61	731.70	661.46	10.418	CC, ES
Fagerberg 36N-7B-M - OH - OH	7,450.00	7,374.65	734.89	664.10	10.382	SF
Fagerberg 3C-18-M - OH - OH	1,516.04	1,353.17	733.06	719.72	54.931	CC
Fagerberg 3C-18-M - OH - OH	1,600.00	1,428.81	733.78	719.70	52.136	ES
Fagerberg 3C-18-M - OH - OH	8,300.00	6,888.42	1,847.84	1,764.98	22.302	SF
Fagerberg 6C-7-M - OH - OH	3,055.23	3,001.58	46.63	18.37	1.650	CC, ES, SF
Fagerberg 6N-7C-M - OH - OH	2,964.87	2,905.66	73.37	46.19	2.699	CC, ES, SF
Falken 16C-9-L - OH - Plan #1	417.97	417.69	13.36	6.10	1.841	CC
Falken 16C-9-L - OH - Plan #1	18,920.23	19,046.41	244.68	-377.13	0.393	Level 1, ES, SF
Falken 16N-9B-L - OH - Plan #1	200.00	200.00	29.88	23.20	4.477	CC
Falken 16N-9B-L - OH - Plan #1	18,920.23	18,911.71	550.06	-131.34	0.807	Level 1, ES, SF
Falken 30C-14-S - OH - Plan #1	200.00	200.00	89.99	83.31	13.483	CC, ES
Falken 30C-14-S - OH - Plan #1	13,300.00	13,555.88	1,398.44	1,037.46	3.874	SF
Falken 30N-14B-S - OH - Plan #1	200.00	200.00	75.06	68.38	11.246	CC, ES
Falken 30N-14B-S - OH - Plan #1	13,300.00	13,368.87	1,185.29	821.66	3.260	SF
Falken 31C-14-S - Plan #1 - Plan #1	417.16	411.86	148.25	141.00	20.448	CC, ES
Falken 31C-14-S - Plan #1 - Plan #1	13,000.00	13,480.77	2,293.81	1,951.08	6.693	SF
Falken 31N-14B-S - OH - Plan #1	418.52	413.74	133.30	126.04	18.371	CC, ES
Falken 31N-14B-S - OH - Plan #1	13,000.00	13,256.62	2,080.29	1,736.61	6.053	SF
Falken 32C-9-L - OH - Plan #1	200.00	200.00	104.92	98.24	15.720	CC, ES
Falken 32C-9-L - OH - Plan #1	18,920.23	19,032.40	1,532.07	849.45	2.244	SF
Falken 32N-9B-L - OH - Plan #1	200.00	200.00	89.98	83.31	13.483	CC, ES
Falken 32N-9B-L - OH - Plan #1	18,920.23	18,849.83	1,315.46	631.99	1.925	SF
Falken 33C-9-L - OH - Plan #1	200.00	200.00	14.93	8.26	2.237	CC
Falken 33C-9-L - OH - Plan #1	18,920.23	19,020.14	227.32	-389.16	0.369	Level 1, ES, SF
Falken 33N-9A-L - OH - Plan #1	200.00	200.00	29.87	23.20	4.476	CC
Falken 33N-9A-L - OH - Plan #1	18,920.23	18,703.94	572.70	-79.85	0.878	Level 1, ES, SF
Falken 33N-9B-L - OH - Plan #1	200.00	200.00	44.80	38.13	6.713	CC
Falken 33N-9B-L - OH - Plan #1	18,920.23	18,838.05	666.33	-15.70	0.977	Level 1, ES, SF
Falken 34C-9-L - OH - Plan #1	444.22	442.70	43.16	35.80	5.866	CC
Falken 34C-9-L - OH - Plan #1	18,920.23	19,118.22	640.34	-34.16	0.949	Level 1, ES, SF
Falken 34N-9C-L - OH - Plan #1	200.00	200.00	60.11	53.44	9.007	CC, ES
Falken 34N-9C-L - OH - Plan #1	18,920.23	19,015.72	832.09	148.52	1.217	Level 2, SF
Falken 4N-14A-S - OH - Plan #1	421.77	418.09	103.05	95.78	14.175	CC, ES
Falken 4N-14A-S - OH - Plan #1	12,900.00	13,002.01	1,631.44	1,290.18	4.781	SF
Falken 4N-14C-S - OH - Plan #1	200.00	200.00	119.86	113.19	17.959	CC, ES
Falken 4N-14C-S - OH - Plan #1	12,900.00	13,210.89	1,848.85	1,507.20	5.411	SF
Falken 9C-9-L - OH - Plan #1	200.00	200.00	60.11	53.44	9.007	CC, ES
Falken 9C-9-L - OH - Plan #1	18,920.23	19,025.91	805.87	126.60	1.186	Level 2, SF
Falken 9N-9C-L - OH - Plan #1	200.00	200.00	75.05	68.37	11.244	CC, ES
Falken 9N-9C-L - OH - Plan #1	18,920.23	18,906.26	1,098.05	413.70	1.605	SF
GILLESPIE #11-1(PA) - OH - OH	9,896.27	7,126.38	2,225.85	1,888.88	6.605	CC
GILLESPIE #11-1(PA) - OH - OH	10,000.00	7,126.63	2,228.27	1,888.43	6.557	ES
GILLESPIE #11-1(PA) - OH - OH	10,200.00	7,127.11	2,246.48	1,901.62	6.514	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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

## Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
Falken 9-11 PAD						
Harvesters Resources #15M-303(PR) - OH - OH	15,822.15	6,709.00	1,223.10	957.22	4.600	CC, ES
Harvesters Resources #15M-303(PR) - OH - OH	15,900.00	6,709.66	1,225.57	958.34	4.586	SF
Harvesters Resources #15M-423(PR) - OH - OH	15,488.09	6,761.00	1,195.80	935.60	4.596	CC
Harvesters Resources #15M-423(PR) - OH - OH	15,500.00	6,761.00	1,195.86	935.39	4.591	ES
Harvesters Resources #15M-423(PR) - OH - OH	15,600.00	6,761.00	1,201.02	939.14	4.586	SF
Harvesters Resources #15R-243(PR) - OH - OH	15,008.47	6,713.38	1,237.25	992.26	5.050	CC, ES
Harvesters Resources #15R-243(PR) - OH - OH	15,100.00	6,713.18	1,240.63	993.91	5.028	SF
Harvesters Resources #15R-323(PR) - OH - OH	14,330.16	6,729.59	1,221.13	994.32	5.384	CC, ES
Harvesters Resources #15R-323(PR) - OH - OH	14,400.00	6,729.75	1,223.12	995.05	5.363	SF
Harvesters Resources #15R-403(PR) - OH - OH	14,660.76	6,800.00	1,193.01	951.56	4.941	CC
Harvesters Resources #15R-403(PR) - OH - OH	14,700.00	6,800.00	1,193.66	951.46	4.928	ES, SF
Harvesters Resources #15U-203(PR) - OH - OH	13,454.98	6,668.33	1,258.14	1,058.01	6.287	CC
Harvesters Resources #15U-203(PR) - OH - OH	13,500.00	6,668.43	1,258.94	1,057.78	6.258	ES
Harvesters Resources #15U-203(PR) - OH - OH	13,600.00	6,668.66	1,266.47	1,063.77	6.248	SF
Harvesters Resources #15U-443(PR) - OH - OH	13,915.60	6,756.29	1,199.52	984.04	5.567	CC, ES
Harvesters Resources #15U-443(PR) - OH - OH	14,000.00	6,756.47	1,202.49	985.42	5.540	SF
J.R. #1(PA) - OH - OH	200.00	106.00	1,460.05	1,452.89	204.048	CC
J.R. #1(PA) - OH - OH	300.00	205.98	1,461.19	1,451.40	149.131	ES
J.R. #1(PA) - OH - OH	8,841.07	7,033.85	2,159.39	1,851.90	7.023	SF
Jeff #1 - OH - OH	11,298.76	7,108.02	1,560.12	1,402.12	9.874	CC
Jeff #1 - OH - OH	11,300.00	7,108.03	1,560.12	1,402.09	9.872	ES
Jeff #1 - OH - OH	11,500.00	7,109.03	1,573.04	1,411.11	9.714	SF
JOHNSON #1(PA) - OH - OH	9,941.58	7,142.76	298.00	176.52	2.453	CC, ES, SF
JOHNSON #11-16G6(TA) - OH - OH	8,959.05	7,109.14	85.19	-227.53	0.272	Level 1, CC, ES, SF
JOHNSON #2(PA) - OH - OH	100.00	79.98	465.15	458.58	70.802	CC, ES
JOHNSON #2(PA) - OH - OH	8,841.07	7,114.91	891.28	797.30	9.484	SF
KRISTY #1(PA) - OH - OH	12,541.58	7,114.58	1,578.54	1,386.14	8.205	CC
KRISTY #1(PA) - OH - OH	12,600.00	7,114.59	1,579.62	1,385.86	8.153	ES
KRISTY #1(PA) - OH - OH	12,700.00	7,114.61	1,586.47	1,390.89	8.111	SF
Merritt #6-66-9-0758CDH(PR) - OH - OH	18,920.23	11,482.68	526.23	376.58	3.516	CC, ES, SF
Merritt #6-66-9-0857CH(PR) - OH - OH	18,920.23	11,518.65	208.38	58.94	1.394	Level 3, CC, ES, SF
Merritt 6-66-9-0857BH(PR) - OH - OH	18,920.23	11,295.69	428.35	297.19	3.266	CC, ES, SF
MICHAEL I #14-2 - OH - OH	10,065.63	7,109.79	1,737.40	1,396.56	5.097	CC
MICHAEL I #14-2 - OH - OH	10,100.00	7,109.87	1,737.74	1,396.10	5.086	ES
MICHAEL I #14-2 - OH - OH	10,200.00	7,110.11	1,742.59	1,398.80	5.069	SF
Montera #10-33(PR) - OH - OH	15,122.08	7,159.90	1,141.02	658.33	2.364	CC, ES
Montera #10-33(PR) - OH - OH	15,200.00	7,160.09	1,143.68	659.04	2.360	SF
Montera #10-34(PR) - OH - OH	15,496.28	7,147.80	551.13	58.30	1.118	Level 2, CC
Montera #10-34(PR) - OH - OH	15,500.00	7,147.81	551.14	58.24	1.118	Level 2, ES, SF
Montera #10-43(SI) - OH - OH	13,787.08	7,149.70	1,010.63	565.90	2.272	CC
Montera #10-43(SI) - OH - OH	13,800.00	7,149.73	1,010.71	565.58	2.271	ES, SF
MONTERA I #11-11(PR) - OH - OH	11,444.30	7,150.09	812.69	433.18	2.141	CC, ES
MONTERA I #11-11(PR) - OH - OH	11,500.00	7,150.22	814.60	433.53	2.138	SF
MONTERA I #11-14(PR) - OH - OH	11,148.16	7,131.38	367.38	-3.37	0.991	Level 1, CC, ES, SF
MONTERA I #14-8 - OH - OH	8,294.96	7,104.54	3,253.88	2,956.05	10.925	CC
MONTERA I #14-8 - OH - OH	8,400.00	7,104.80	3,255.57	2,955.66	10.855	ES
MONTERA I #14-8 - OH - OH	9,200.00	7,106.71	3,355.08	3,039.05	10.616	SF
OPAL #1(PA) - OH - OH	12,585.37	7,176.82	2,234.37	1,822.32	5.423	CC
OPAL #1(PA) - OH - OH	12,600.00	7,176.86	2,234.42	1,821.94	5.417	ES
OPAL #1(PA) - OH - OH	12,800.00	7,177.34	2,244.65	1,826.93	5.374	SF
OTTOSON #2(PA) - OH - OH	7,284.01	7,047.41	2,911.11	2,844.84	43.923	CC
OTTOSON #2(PA) - OH - OH	7,300.00	7,055.80	2,911.17	2,844.76	43.830	ES
OTTOSON #2(PA) - OH - OH	9,000.00	7,139.51	3,460.03	3,371.85	39.237	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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

## Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
Falken 9-11 PAD						
OTTOSON #3(PR) - OH - OH	7,239.09	6,955.50	417.36	351.76	6.363	CC, ES
OTTOSON #3(PR) - OH - OH	7,250.00	6,962.05	417.46	351.84	6.362	SF
OTTOSON I #12-12(PR) - OH - OH	3,901.56	3,780.70	625.52	589.28	17.261	CC
OTTOSON I #12-12(PR) - OH - OH	4,000.00	3,874.63	626.11	588.97	16.860	ES
OTTOSON I #12-12(PR) - OH - OH	7,450.00	7,065.94	878.16	809.48	12.786	SF
OTTOSON I #12-25(PR) - OH - OH	6,632.37	6,448.14	717.97	657.03	11.782	CC, ES
OTTOSON I #12-25(PR) - OH - OH	6,700.00	6,517.45	721.15	659.66	11.728	SF
POP I #14-17 - OH - OH	9,278.16	7,103.90	2,634.49	2,314.14	8.224	CC
POP I #14-17 - OH - OH	9,300.00	7,103.95	2,634.59	2,313.73	8.211	ES
POP I #14-17 - OH - OH	9,700.00	7,104.91	2,668.05	2,338.62	8.099	SF
SOUTH WOODS #10-3(PA) - OH - OH	16,571.54	7,142.37	1,035.84	512.77	1.980	CC
SOUTH WOODS #10-3(PA) - OH - OH	16,600.00	7,142.44	1,036.23	512.35	1.978	ES, SF
SOUTHARD #2(PR) - OH - OH	769.95	735.69	1,793.32	1,784.37	200.363	CC
SOUTHARD #2(PR) - OH - OH	1,200.00	1,161.86	1,795.32	1,783.29	149.155	ES
SOUTHARD #2(PR) - OH - OH	8,500.00	7,093.87	2,532.59	2,448.86	30.247	SF

<b>Offset Design</b>													Offset Site Error:	0.00 ft
Falken 9-11 PAD - 146 COMPANY #14-1 - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-131.79	-3,791.70	-4,242.20	5,689.86					
100.00	100.00	64.00	64.00	3.28	3.47	-131.79	-3,791.70	-4,242.20	5,689.75	5,683.00	6.75	842.958		
200.00	200.00	164.00	164.00	3.34	5.16	-131.79	-3,791.70	-4,242.20	5,689.75	5,681.26	8.49	669.837		
300.00	299.98	263.98	263.98	3.44	8.16	108.22	-3,791.70	-4,242.20	5,690.30	5,678.70	11.60	490.567		
400.00	399.84	363.84	363.84	3.60	11.44	108.23	-3,791.70	-4,242.20	5,691.93	5,676.90	15.03	378.704		
500.00	499.45	463.45	463.45	3.80	14.80	108.27	-3,791.70	-4,242.20	5,694.67	5,676.08	18.60	306.228		
600.00	598.70	562.70	562.70	4.04	18.20	108.31	-3,791.70	-4,242.20	5,698.52	5,676.29	22.24	256.266		
700.00	697.47	661.47	661.47	4.33	21.60	108.36	-3,791.70	-4,242.20	5,703.50	5,677.58	25.92	220.006		
800.00	795.62	759.62	759.62	4.65	24.99	108.42	-3,791.70	-4,242.20	5,709.62	5,679.98	29.64	192.611		
865.50	859.53	823.53	823.53	4.89	27.20	108.47	-3,791.70	-4,242.20	5,714.26	5,682.17	32.09	178.064		
900.00	893.10	857.10	857.10	5.02	28.37	108.54	-3,791.70	-4,242.20	5,716.85	5,683.46	33.38	171.245		
1,000.00	990.42	954.42	954.42	5.41	31.74	108.76	-3,791.70	-4,242.20	5,724.39	5,687.24	37.15	154.075		
1,100.00	1,087.73	1,051.73	1,051.73	5.83	35.12	108.97	-3,791.70	-4,242.20	5,732.02	5,691.07	40.95	139.981		
1,200.00	1,185.05	1,149.05	1,149.05	6.27	38.51	109.18	-3,791.70	-4,242.20	5,739.73	5,694.96	44.76	128.222		
1,300.00	1,282.36	1,246.36	1,246.36	6.72	41.89	109.39	-3,791.70	-4,242.20	5,747.52	5,698.92	48.60	118.273		
1,400.00	1,379.67	1,343.67	1,343.67	7.18	45.28	109.60	-3,791.70	-4,242.20	5,755.39	5,702.95	52.44	109.752		
1,500.00	1,476.99	1,440.99	1,440.99	7.65	48.67	109.81	-3,791.70	-4,242.20	5,763.34	5,707.04	56.30	102.377		
1,600.00	1,574.30	1,538.30	1,538.30	8.13	52.06	110.02	-3,791.70	-4,242.20	5,771.37	5,711.21	60.16	95.935		
1,700.00	1,671.61	1,635.61	1,635.61	8.62	55.45	110.23	-3,791.70	-4,242.20	5,779.49	5,715.46	64.03	90.262		
1,800.00	1,768.93	1,732.93	1,732.93	9.11	58.84	110.44	-3,791.70	-4,242.20	5,787.68	5,719.77	67.91	85.229		
1,900.00	1,866.24	1,830.24	1,830.24	9.60	62.23	110.65	-3,791.70	-4,242.20	5,795.96	5,724.17	71.79	80.735		
2,000.00	1,963.56	1,927.56	1,927.56	10.10	65.63	110.86	-3,791.70	-4,242.20	5,804.31	5,728.63	75.68	76.700		
2,100.00	2,060.87	2,024.87	2,024.87	10.61	69.02	111.06	-3,791.70	-4,242.20	5,812.74	5,733.18	79.57	73.056		
2,200.00	2,158.18	2,122.18	2,122.18	11.11	72.41	111.27	-3,791.70	-4,242.20	5,821.25	5,737.80	83.46	69.750		
2,300.00	2,255.50	2,219.50	2,219.50	11.62	75.81	111.48	-3,791.70	-4,242.20	5,829.84	5,742.49	87.35	66.738		
2,400.00	2,352.81	2,316.81	2,316.81	12.13	79.20	111.68	-3,791.70	-4,242.20	5,838.51	5,747.26	91.25	63.982		
2,500.00	2,450.13	2,414.13	2,414.13	12.65	82.60	111.89	-3,791.70	-4,242.20	5,847.26	5,752.11	95.15	61.452		
2,600.00	2,547.44	2,511.44	2,511.44	13.16	85.99	112.09	-3,791.70	-4,242.20	5,856.08	5,757.03	99.05	59.120		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
2,700.00	2,644.75	2,608.75	2,608.75	13.68	89.39	112.30	-3,791.70	-4,242.20	5,864.98	5,762.03	102.96	56.966		
2,800.00	2,742.07	2,706.07	2,706.07	14.20	92.78	112.50	-3,791.70	-4,242.20	5,873.96	5,767.10	106.86	54.968		
2,900.00	2,839.38	2,803.38	2,803.38	14.71	96.18	112.70	-3,791.70	-4,242.20	5,883.01	5,772.25	110.77	53.112		
3,000.00	2,936.70	2,900.70	2,900.70	15.23	99.57	112.90	-3,791.70	-4,242.20	5,892.14	5,777.47	114.67	51.382		
3,100.00	3,034.01	3,001.99	2,998.01	15.76	103.11	113.10	-3,791.70	-4,242.20	5,901.35	5,782.63	118.72	49.709		
3,200.00	3,131.32	3,104.68	3,095.32	16.28	106.69	113.30	-3,791.70	-4,242.20	5,910.63	5,787.82	122.81	48.127		
3,300.00	3,228.64	3,207.36	3,192.64	16.80	110.27	113.50	-3,791.70	-4,242.20	5,919.99	5,793.08	126.91	46.647		
3,400.00	3,325.95	3,289.95	3,289.95	17.32	113.15	113.70	-3,791.70	-4,242.20	5,929.42	5,799.11	130.31	45.504		
3,500.00	3,423.26	3,387.26	3,387.26	17.85	116.55	113.90	-3,791.70	-4,242.20	5,938.92	5,804.71	134.21	44.249		
3,600.00	3,520.58	3,484.58	3,484.58	18.37	119.95	114.10	-3,791.70	-4,242.20	5,948.50	5,810.38	138.12	43.066		
3,700.00	3,617.89	3,581.89	3,581.89	18.90	123.34	114.30	-3,791.70	-4,242.20	5,958.15	5,816.12	142.03	41.948		
3,800.00	3,715.21	3,679.21	3,679.21	19.43	126.74	114.50	-3,791.70	-4,242.20	5,967.88	5,821.93	145.95	40.891		
3,900.00	3,812.52	3,776.52	3,776.52	19.95	130.13	114.69	-3,791.70	-4,242.20	5,977.68	5,827.82	149.86	39.889		
4,000.00	3,909.83	3,873.83	3,873.83	20.48	133.53	114.89	-3,791.70	-4,242.20	5,987.55	5,833.78	153.77	38.939		
4,100.00	4,007.15	3,971.15	3,971.15	21.01	136.93	115.08	-3,791.70	-4,242.20	5,997.49	5,839.81	157.68	38.036		
4,200.00	4,104.46	4,068.46	4,068.46	21.53	140.32	115.28	-3,791.70	-4,242.20	6,007.50	5,845.92	161.59	37.178		
4,300.00	4,201.78	4,165.78	4,165.78	22.06	143.72	115.47	-3,791.70	-4,242.20	6,017.59	5,852.09	165.50	36.360		
4,400.00	4,299.09	4,263.09	4,263.09	22.59	147.12	115.66	-3,791.70	-4,242.20	6,027.75	5,858.34	169.41	35.580		
4,500.00	4,396.40	4,360.40	4,360.40	23.12	150.51	115.86	-3,791.70	-4,242.20	6,037.98	5,864.65	173.32	34.836		
4,600.00	4,493.72	4,457.72	4,457.72	23.65	153.91	116.05	-3,791.70	-4,242.20	6,048.27	5,871.04	177.24	34.126		
4,700.00	4,591.03	4,555.03	4,555.03	24.18	157.31	116.24	-3,791.70	-4,242.20	6,058.64	5,877.50	181.15	33.446		
4,800.00	4,688.34	4,652.34	4,652.34	24.71	160.70	116.43	-3,791.70	-4,242.20	6,069.08	5,884.02	185.06	32.796		
4,900.00	4,785.66	4,749.66	4,749.66	25.24	164.10	116.62	-3,791.70	-4,242.20	6,079.59	5,890.62	188.97	32.172		
5,000.00	4,882.97	4,846.97	4,846.97	25.77	167.49	116.81	-3,791.70	-4,242.20	6,090.16	5,897.28	192.88	31.575		
5,100.00	4,980.29	4,944.29	4,944.29	26.30	170.89	117.00	-3,791.70	-4,242.20	6,100.81	5,904.02	196.79	31.001		
5,200.00	5,077.60	5,041.60	5,041.60	26.83	174.29	117.19	-3,791.70	-4,242.20	6,111.52	5,910.82	200.70	30.451		
5,300.00	5,174.91	5,138.91	5,138.91	27.36	177.68	117.38	-3,791.70	-4,242.20	6,122.30	5,917.69	204.61	29.921		
5,400.00	5,272.23	5,236.23	5,236.23	27.89	181.08	117.56	-3,791.70	-4,242.20	6,133.15	5,924.62	208.53	29.412		
5,500.00	5,369.54	5,333.54	5,333.54	28.42	184.48	117.75	-3,791.70	-4,242.20	6,144.06	5,931.63	212.44	28.922		
5,600.00	5,466.86	5,430.86	5,430.86	28.95	187.87	117.93	-3,791.70	-4,242.20	6,155.05	5,938.70	216.35	28.450		
5,700.00	5,564.17	5,528.17	5,528.17	29.48	191.27	118.12	-3,791.70	-4,242.20	6,166.09	5,945.84	220.26	27.995		
5,800.00	5,661.48	5,625.48	5,625.48	30.01	194.67	118.30	-3,791.70	-4,242.20	6,177.21	5,953.04	224.17	27.556		
5,900.00	5,758.80	5,722.80	5,722.80	30.54	198.06	118.49	-3,791.70	-4,242.20	6,188.39	5,960.31	228.08	27.133		
6,000.00	5,856.11	5,820.11	5,820.11	31.07	201.46	118.67	-3,791.70	-4,242.20	6,199.63	5,967.65	231.99	26.724		
6,100.00	5,953.43	5,917.43	5,917.43	31.61	204.86	118.85	-3,791.70	-4,242.20	6,210.94	5,975.05	235.90	26.329		
6,200.00	6,050.74	6,014.74	6,014.74	32.14	208.26	119.03	-3,791.70	-4,242.20	6,222.32	5,982.51	239.81	25.947		
6,300.00	6,148.05	6,112.05	6,112.05	32.67	211.65	119.22	-3,791.70	-4,242.20	6,233.76	5,990.04	243.72	25.578		
6,400.00	6,245.37	6,209.37	6,209.37	33.20	215.05	119.40	-3,791.70	-4,242.20	6,245.26	5,997.63	247.63	25.221		
6,500.00	6,342.68	6,306.68	6,306.68	33.73	218.45	119.58	-3,791.70	-4,242.20	6,256.83	6,005.29	251.53	24.875		
6,520.81	6,362.93	6,326.93	6,326.93	33.85	219.15	119.61	-3,791.70	-4,242.20	6,259.24	6,006.89	252.35	24.804		
6,550.00	6,391.46	6,355.46	6,355.46	34.00	220.15	113.47	-3,791.70	-4,242.20	6,262.07	6,008.58	253.49	24.703		
6,600.00	6,440.79	6,404.79	6,404.79	34.23	221.87	94.73	-3,791.70	-4,242.20	6,264.29	6,008.85	255.44	24.523		
6,650.00	6,490.44	6,454.44	6,454.44	34.43	223.60	59.55	-3,791.70	-4,242.20	6,263.19	6,005.81	257.38	24.334		
6,700.00	6,540.10	6,504.10	6,504.10	34.60	225.34	23.22	-3,791.70	-4,242.20	6,258.77	5,999.48	259.29	24.138		
6,750.00	6,589.46	6,553.46	6,553.46	34.76	227.06	3.00	-3,791.70	-4,242.20	6,251.04	5,989.88	261.16	23.936		
6,800.00	6,638.22	6,602.22	6,602.22	34.92	228.76	-7.62	-3,791.70	-4,242.20	6,240.06	5,977.05	263.00	23.726		
6,850.00	6,686.09	6,650.09	6,650.09	35.07	230.43	-14.09	-3,791.70	-4,242.20	6,225.89	5,961.08	264.81	23.511		
6,900.00	6,732.75	6,703.25	6,696.75	35.24	232.29	-18.66	-3,791.70	-4,242.20	6,208.62	5,941.83	266.79	23.271		
6,950.00	6,777.94	6,741.94	6,741.94	35.42	233.64	-22.31	-3,791.70	-4,242.20	6,188.37	5,920.10	268.27	23.068		
7,000.00	6,821.36	6,785.36	6,785.36	35.61	235.15	-25.54	-3,791.70	-4,242.20	6,165.27	5,895.35	269.91	22.842		
7,050.00	6,862.75	6,826.75	6,826.75	35.83	236.60	-28.63	-3,791.70	-4,242.20	6,139.46	5,867.97	271.49	22.614		
7,100.00	6,901.85	6,865.85	6,865.85	36.06	237.96	-31.76	-3,791.70	-4,242.20	6,111.12	5,838.14	272.99	22.386		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
7,150.00	6,938.43	6,902.43	6,902.43	36.32	239.24	-35.07	-3,791.70	-4,242.20	6,080.44	5,806.04	274.40	22.159		
7,200.00	6,972.26	6,936.26	6,936.26	36.61	240.42	-38.66	-3,791.70	-4,242.20	6,047.61	5,771.88	275.72	21.933		
7,250.00	7,003.13	6,967.13	6,967.13	36.93	241.50	-42.62	-3,791.70	-4,242.20	6,012.85	5,735.90	276.96	21.710		
7,300.00	7,030.85	7,005.15	6,994.85	37.29	242.83	-47.03	-3,791.70	-4,242.20	5,976.41	5,697.96	278.45	21.463		
7,350.00	7,055.25	7,019.25	7,019.25	37.68	243.32	-51.95	-3,791.70	-4,242.20	5,938.50	5,659.38	279.12	21.276		
7,400.00	7,076.17	7,040.17	7,040.17	38.12	244.05	-57.41	-3,791.70	-4,242.20	5,899.39	5,619.35	280.04	21.066		
7,450.00	7,093.50	7,057.50	7,057.50	38.60	244.65	-63.38	-3,791.70	-4,242.20	5,859.33	5,578.47	280.86	20.862		
7,500.00	7,107.11	7,071.11	7,071.11	39.11	245.13	-69.77	-3,791.70	-4,242.20	5,818.59	5,537.03	281.56	20.665		
7,550.00	7,116.94	7,080.94	7,080.94	39.66	245.47	-76.44	-3,791.70	-4,242.20	5,777.43	5,495.28	282.15	20.476		
7,600.00	7,122.91	7,086.91	7,086.91	40.24	245.68	-83.19	-3,791.70	-4,242.20	5,736.11	5,453.49	282.62	20.296		
7,650.18	7,125.00	7,089.00	7,089.00	40.85	245.75	-89.80	-3,791.70	-4,242.20	5,694.77	5,411.79	282.98	20.124		
7,700.00	7,125.12	7,089.12	7,089.12	41.48	245.76	-89.80	-3,791.70	-4,242.20	5,653.93	5,370.65	283.28	19.959		
7,800.00	7,125.36	7,089.36	7,089.36	42.88	245.77	-89.81	-3,791.70	-4,242.20	5,572.41	5,288.44	283.96	19.624		
7,900.00	7,125.60	7,089.60	7,089.60	44.42	245.77	-89.81	-3,791.70	-4,242.20	5,491.50	5,206.75	284.74	19.286		
8,000.00	7,125.84	7,089.84	7,089.84	46.10	245.78	-89.82	-3,791.70	-4,242.20	5,411.22	5,125.60	285.62	18.945		
8,100.00	7,126.08	7,109.92	7,090.08	47.89	246.48	-89.82	-3,791.70	-4,242.20	5,331.61	5,044.31	287.30	18.558		
8,200.00	7,126.32	7,109.68	7,090.32	49.79	246.48	-89.83	-3,791.70	-4,242.20	5,252.70	4,964.33	288.37	18.215		
8,300.00	7,126.56	7,109.44	7,090.56	51.79	246.47	-89.83	-3,791.70	-4,242.20	5,174.52	4,884.98	289.55	17.871		
8,400.00	7,126.80	7,109.20	7,090.80	53.86	246.46	-89.83	-3,791.70	-4,242.20	5,097.11	4,806.28	290.83	17.526		
8,500.00	7,127.04	7,108.96	7,091.04	56.00	246.45	-89.84	-3,791.70	-4,242.20	5,020.49	4,728.27	292.22	17.181		
8,600.00	7,127.28	7,108.72	7,091.28	58.21	246.44	-89.84	-3,791.70	-4,242.20	4,944.70	4,650.99	293.71	16.835		
8,689.38	7,127.49	7,108.51	7,091.49	60.24	246.43	-89.85	-3,791.70	-4,242.20	4,877.70	4,582.56	295.14	16.527		
8,700.00	7,127.52	7,108.48	7,091.52	60.48	246.43	-89.85	-3,791.70	-4,242.20	4,869.78	4,574.46	295.31	16.490		
8,800.00	7,127.76	7,108.24	7,091.76	62.79	246.43	-89.84	-3,791.70	-4,242.20	4,794.37	4,497.39	296.98	16.144		
8,841.07	7,127.85	7,108.15	7,091.85	63.74	246.42	-89.84	-3,791.70	-4,242.20	4,762.99	4,465.32	297.67	16.001		
8,900.00	7,128.00	7,108.01	7,092.00	65.12	246.42	-89.84	-3,791.70	-4,242.20	4,717.96	4,419.28	298.69	15.796		
9,000.00	7,128.23	7,107.77	7,092.23	67.50	246.41	-89.84	-3,791.70	-4,242.20	4,642.26	4,341.77	300.48	15.449		
9,100.00	7,128.47	7,107.53	7,092.47	69.91	246.40	-89.85	-3,791.70	-4,242.20	4,567.49	4,265.11	302.38	15.105		
9,200.00	7,128.71	7,107.29	7,092.71	72.35	246.39	-89.85	-3,791.70	-4,242.20	4,493.70	4,189.32	304.38	14.763		
9,300.00	7,128.95	7,107.05	7,092.95	74.83	246.38	-89.86	-3,791.70	-4,242.20	4,420.94	4,114.46	306.48	14.425		
9,400.00	7,129.19	7,106.81	7,093.19	77.33	246.38	-89.86	-3,791.70	-4,242.20	4,349.27	4,040.58	308.69	14.090		
9,500.00	7,129.43	7,106.57	7,093.43	79.86	246.37	-89.87	-3,791.70	-4,242.20	4,278.73	3,967.74	310.99	13.758		
9,600.00	7,129.67	7,106.33	7,093.67	82.41	246.36	-89.87	-3,791.70	-4,242.20	4,209.38	3,895.99	313.40	13.431		
9,700.00	7,129.91	7,106.09	7,093.91	84.97	246.35	-89.87	-3,791.70	-4,242.20	4,141.29	3,825.39	315.90	13.109		
9,800.00	7,130.15	7,105.85	7,094.15	87.56	246.34	-89.88	-3,791.70	-4,242.20	4,074.51	3,756.01	318.51	12.793		
9,900.00	7,130.39	7,105.61	7,094.39	90.16	246.33	-89.88	-3,791.70	-4,242.20	4,009.12	3,687.91	321.21	12.481		
10,000.00	7,130.63	7,105.37	7,094.63	92.78	246.33	-89.89	-3,791.70	-4,242.20	3,945.18	3,621.17	324.01	12.176		
10,100.00	7,130.87	7,105.13	7,094.87	95.41	246.32	-89.89	-3,791.70	-4,242.20	3,882.76	3,555.86	326.91	11.877		
10,200.00	7,131.11	7,104.89	7,095.11	98.06	246.31	-89.90	-3,791.70	-4,242.20	3,821.94	3,492.05	329.89	11.585		
10,300.00	7,131.35	7,104.65	7,095.35	100.71	246.30	-89.90	-3,791.70	-4,242.20	3,762.79	3,429.82	332.97	11.301		
10,400.00	7,131.59	7,104.41	7,095.59	103.38	246.29	-89.91	-3,791.70	-4,242.20	3,705.40	3,369.27	336.13	11.024		
10,500.00	7,131.83	7,104.17	7,095.83	106.06	246.28	-89.91	-3,791.70	-4,242.20	3,649.85	3,310.47	339.37	10.755		
10,600.00	7,132.07	7,103.93	7,096.07	108.74	246.28	-89.92	-3,791.70	-4,242.20	3,596.22	3,253.53	342.69	10.494		
10,700.00	7,132.31	7,103.69	7,096.31	111.44	246.27	-89.92	-3,791.70	-4,242.20	3,544.60	3,198.52	346.08	10.242		
10,800.00	7,132.55	7,103.45	7,096.55	114.14	246.26	-89.92	-3,791.70	-4,242.20	3,495.07	3,145.55	349.53	9.999		
10,900.00	7,132.79	7,103.21	7,096.79	116.85	246.25	-89.93	-3,791.70	-4,242.20	3,447.74	3,094.71	353.03	9.766		
11,000.00	7,133.03	7,102.97	7,097.03	119.57	246.24	-89.93	-3,791.70	-4,242.20	3,402.69	3,046.11	356.58	9.542		
11,100.00	7,133.27	7,102.73	7,097.27	122.29	246.23	-89.94	-3,791.70	-4,242.20	3,360.02	2,999.84	360.17	9.329		
11,200.00	7,133.51	7,102.50	7,097.51	125.02	246.22	-89.94	-3,791.70	-4,242.20	3,319.80	2,956.02	363.79	9.126		
11,300.00	7,133.74	7,102.26	7,097.74	127.76	246.22	-89.95	-3,791.70	-4,242.20	3,282.15	2,914.73	367.41	8.933		
11,400.00	7,133.98	7,102.02	7,097.98	130.50	246.21	-89.95	-3,791.70	-4,242.20	3,247.13	2,876.09	371.04	8.751		
11,500.00	7,134.22	7,101.78	7,098.22	133.24	246.20	-89.96	-3,791.70	-4,242.20	3,214.85	2,840.19	374.66	8.581		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
11,600.00	7,134.46	7,101.54	7,098.46	135.99	246.19	-89.96	-3,791.70	-4,242.20	3,185.38	2,807.13	378.25	8.421		
11,700.00	7,134.70	7,101.30	7,098.70	138.75	246.18	-89.96	-3,791.70	-4,242.20	3,158.80	2,777.00	381.80	8.274		
11,800.00	7,134.94	7,101.06	7,098.94	141.51	246.17	-89.97	-3,791.70	-4,242.20	3,135.19	2,749.90	385.29	8.137		
11,900.00	7,135.18	7,100.82	7,099.18	144.27	246.17	-89.97	-3,791.70	-4,242.20	3,114.61	2,725.90	388.71	8.013		
12,000.00	7,135.42	7,100.58	7,099.42	147.03	246.16	-89.98	-3,791.70	-4,242.20	3,097.12	2,705.07	392.05	7.900		
12,100.00	7,135.66	7,100.34	7,099.66	149.80	246.15	-89.98	-3,791.70	-4,242.20	3,082.79	2,687.50	395.29	7.799		
12,200.00	7,135.90	7,100.10	7,099.90	152.58	246.14	-89.99	-3,791.70	-4,242.20	3,071.64	2,673.23	398.41	7.710		
12,300.00	7,136.14	7,100.14	7,100.14	155.35	246.14	-89.99	-3,791.70	-4,242.20	3,063.71	2,662.30	401.41	7.632		
12,400.00	7,136.38	7,100.38	7,100.38	158.13	246.15	-90.00	-3,791.70	-4,242.20	3,059.04	2,654.76	404.28	7.567		
12,493.07	7,136.60	7,100.60	7,100.60	160.72	246.16	-90.00	-3,791.70	-4,242.20	3,057.62	2,650.81	406.82	7.516 CC		
12,500.00	7,136.62	7,100.62	7,100.62	160.91	246.16	-90.00	-3,791.70	-4,242.20	3,057.63	2,650.63	407.00	7.513		
12,600.00	7,136.86	7,100.86	7,100.86	163.70	246.17	-90.00	-3,791.70	-4,242.20	3,059.49	2,649.94	409.56	7.470 ES		
12,700.00	7,137.10	7,101.10	7,101.10	166.48	246.18	-90.01	-3,791.70	-4,242.20	3,064.62	2,652.67	411.94	7.439		
12,800.00	7,137.34	7,101.34	7,101.34	169.27	246.18	-90.01	-3,791.70	-4,242.20	3,072.99	2,658.83	414.15	7.420		
12,900.00	7,137.58	7,101.58	7,101.58	172.06	246.19	-90.02	-3,791.70	-4,242.20	3,084.58	2,668.40	416.19	7.412 SF		
13,000.00	7,137.82	7,101.82	7,101.82	174.86	246.20	-90.02	-3,791.70	-4,242.20	3,099.36	2,681.33	418.03	7.414		
13,100.00	7,138.06	7,102.06	7,102.06	177.65	246.21	-90.03	-3,791.70	-4,242.20	3,117.28	2,697.58	419.70	7.427		
13,200.00	7,138.30	7,102.30	7,102.30	180.45	246.22	-90.03	-3,791.70	-4,242.20	3,138.28	2,717.10	421.18	7.451		
13,300.00	7,138.54	7,102.54	7,102.54	183.25	246.23	-90.04	-3,791.70	-4,242.20	3,162.31	2,739.82	422.49	7.485		
13,400.00	7,138.78	7,102.78	7,102.78	186.05	246.23	-90.04	-3,791.70	-4,242.20	3,189.29	2,765.68	423.61	7.529		
13,500.00	7,139.02	7,103.02	7,103.02	188.85	246.24	-90.05	-3,791.70	-4,242.20	3,219.15	2,794.59	424.57	7.582		
13,600.00	7,139.25	7,103.25	7,103.25	191.65	246.25	-90.05	-3,791.70	-4,242.20	3,251.82	2,826.46	425.36	7.645		
13,700.00	7,139.49	7,103.49	7,103.49	194.46	246.26	-90.05	-3,791.70	-4,242.20	3,287.21	2,861.22	425.99	7.717		
13,800.00	7,139.73	7,103.73	7,103.73	197.27	246.27	-90.06	-3,791.70	-4,242.20	3,325.22	2,898.75	426.47	7.797		
13,900.00	7,139.97	7,103.97	7,103.97	200.08	246.28	-90.06	-3,791.70	-4,242.20	3,365.78	2,938.97	426.81	7.886		
14,000.00	7,140.21	7,104.21	7,104.21	202.89	246.28	-90.07	-3,791.70	-4,242.20	3,408.79	2,981.77	427.02	7.983		
14,100.00	7,140.45	7,104.45	7,104.45	205.70	246.29	-90.07	-3,791.70	-4,242.20	3,454.17	3,027.05	427.11	8.087		
14,200.00	7,140.69	7,104.69	7,104.69	208.51	246.30	-90.08	-3,791.70	-4,242.20	3,501.81	3,074.72	427.08	8.199		
14,300.00	7,140.93	7,104.93	7,104.93	211.32	246.31	-90.08	-3,791.70	-4,242.20	3,551.62	3,124.67	426.95	8.319		
14,400.00	7,141.17	7,105.17	7,105.17	214.14	246.32	-90.09	-3,791.70	-4,242.20	3,603.53	3,176.80	426.73	8.445		
14,500.00	7,141.41	7,105.41	7,105.41	216.95	246.33	-90.09	-3,791.70	-4,242.20	3,657.43	3,231.02	426.41	8.577		
14,600.00	7,141.65	7,105.65	7,105.65	219.77	246.34	-90.09	-3,791.70	-4,242.20	3,713.24	3,287.22	426.02	8.716		
14,700.00	7,141.89	7,105.89	7,105.89	222.59	246.34	-90.10	-3,791.70	-4,242.20	3,770.88	3,345.32	425.56	8.861		
14,800.00	7,142.13	7,106.13	7,106.13	225.41	246.35	-90.10	-3,791.70	-4,242.20	3,830.27	3,405.23	425.03	9.012		
14,900.00	7,142.37	7,106.37	7,106.37	228.23	246.36	-90.11	-3,791.70	-4,242.20	3,891.31	3,466.86	424.45	9.168		
15,000.00	7,142.61	7,106.61	7,106.61	231.05	246.37	-90.11	-3,791.70	-4,242.20	3,953.95	3,530.13	423.82	9.329		
15,100.00	7,142.85	7,106.85	7,106.85	233.87	246.38	-90.12	-3,791.70	-4,242.20	4,018.09	3,594.95	423.15	9.496		
15,200.00	7,143.09	7,107.09	7,107.09	236.69	246.39	-90.12	-3,791.70	-4,242.20	4,083.68	3,661.24	422.44	9.667		
15,300.00	7,143.33	7,107.33	7,107.33	239.52	246.39	-90.13	-3,791.70	-4,242.20	4,150.64	3,728.95	421.70	9.843		
15,400.00	7,143.57	7,107.57	7,107.57	242.34	246.40	-90.13	-3,791.70	-4,242.20	4,218.91	3,797.98	420.93	10.023		
15,500.00	7,143.81	7,107.81	7,107.81	245.17	246.41	-90.13	-3,791.70	-4,242.20	4,288.43	3,868.29	420.14	10.207		
15,600.00	7,144.05	7,108.05	7,108.05	247.99	246.42	-90.14	-3,791.70	-4,242.20	4,359.13	3,939.80	419.33	10.395		
15,700.00	7,144.29	7,108.29	7,108.29	250.82	246.43	-90.14	-3,791.70	-4,242.20	4,430.96	4,012.45	418.51	10.588		
15,800.00	7,144.53	7,108.53	7,108.53	253.64	246.44	-90.15	-3,791.70	-4,242.20	4,503.86	4,086.19	417.67	10.783		
15,900.00	7,144.76	7,108.76	7,108.76	256.47	246.44	-90.15	-3,791.70	-4,242.20	4,577.79	4,160.96	416.83	10.982		
16,000.00	7,145.00	7,109.00	7,109.00	259.30	246.45	-90.16	-3,791.70	-4,242.20	4,652.69	4,236.71	415.98	11.185		
16,100.00	7,145.24	7,109.24	7,109.24	262.13	246.46	-90.16	-3,791.70	-4,242.20	4,728.52	4,313.39	415.13	11.390		
16,200.00	7,145.48	7,109.48	7,109.48	264.96	246.47	-90.17	-3,791.70	-4,242.20	4,805.24	4,390.95	414.28	11.599		
16,300.00	7,145.72	7,109.72	7,109.72	267.79	246.48	-90.17	-3,791.70	-4,242.20	4,882.79	4,469.36	413.43	11.810		
16,400.00	7,145.96	7,109.96	7,109.96	270.62	246.49	-90.18	-3,791.70	-4,242.20	4,961.15	4,548.57	412.58	12.025		
16,500.00	7,146.20	7,110.20	7,110.20	273.45	246.49	-90.18	-3,791.70	-4,242.20	5,040.28	4,628.54	411.74	12.241		
16,600.00	7,146.44	7,110.44	7,110.44	276.28	246.50	-90.18	-3,791.70	-4,242.20	5,120.14	4,709.24	410.90	12.461		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
16,700.00	7,146.68	7,110.68	7,110.68	279.12	246.51	-90.19	-3,791.70	-4,242.20	5,200.69	4,790.62	410.07	12.683		
16,800.00	7,146.92	7,110.92	7,110.92	281.95	246.52	-90.19	-3,791.70	-4,242.20	5,281.91	4,872.67	409.24	12.907		
16,900.00	7,147.16	7,111.16	7,111.16	284.78	246.53	-90.20	-3,791.70	-4,242.20	5,363.76	4,955.34	408.43	13.133		
17,000.00	7,147.40	7,111.40	7,111.40	287.62	246.54	-90.20	-3,791.70	-4,242.20	5,446.22	5,038.60	407.62	13.361		
17,100.00	7,147.64	7,111.64	7,111.64	290.45	246.54	-90.21	-3,791.70	-4,242.20	5,529.26	5,122.44	406.82	13.591		
17,200.00	7,147.88	7,111.88	7,111.88	293.28	246.55	-90.21	-3,791.70	-4,242.20	5,612.85	5,206.81	406.04	13.823		
17,300.00	7,148.12	7,112.12	7,112.12	296.12	246.56	-90.22	-3,791.70	-4,242.20	5,696.97	5,291.71	405.26	14.058		
17,400.00	7,148.36	7,112.36	7,112.36	298.95	246.57	-90.22	-3,791.70	-4,242.20	5,781.60	5,377.10	404.50	14.293		
17,500.00	7,148.60	7,112.60	7,112.60	301.79	246.58	-90.22	-3,791.70	-4,242.20	5,866.70	5,462.96	403.74	14.531		
17,600.00	7,148.84	7,112.84	7,112.84	304.63	246.59	-90.23	-3,791.70	-4,242.20	5,952.28	5,549.27	403.00	14.770		
17,700.00	7,149.08	7,113.08	7,113.08	307.46	246.59	-90.23	-3,791.70	-4,242.20	6,038.29	5,636.02	402.27	15.010		
17,800.00	7,149.32	7,113.32	7,113.32	310.30	246.60	-90.24	-3,791.70	-4,242.20	6,124.73	5,723.18	401.56	15.252		
17,900.00	7,149.56	7,113.56	7,113.56	313.14	246.61	-90.24	-3,791.70	-4,242.20	6,211.58	5,810.73	400.85	15.496		
18,000.00	7,149.80	7,113.80	7,113.80	315.98	246.62	-90.25	-3,791.70	-4,242.20	6,298.82	5,898.66	400.16	15.741		
18,100.00	7,150.04	7,114.04	7,114.04	318.81	246.63	-90.25	-3,791.70	-4,242.20	6,386.43	5,986.95	399.48	15.987		
18,200.00	7,150.27	7,114.27	7,114.27	321.65	246.64	-90.26	-3,791.70	-4,242.20	6,474.40	6,075.59	398.81	16.234		
18,300.00	7,150.51	7,114.51	7,114.51	324.49	246.64	-90.26	-3,791.70	-4,242.20	6,562.72	6,164.56	398.15	16.483		
18,400.00	7,150.75	7,114.75	7,114.75	327.33	246.65	-90.27	-3,791.70	-4,242.20	6,651.36	6,253.85	397.51	16.733		
18,500.00	7,150.99	7,114.99	7,114.99	330.17	246.66	-90.27	-3,791.70	-4,242.20	6,740.33	6,343.45	396.88	16.983		
18,600.00	7,151.23	7,115.23	7,115.23	333.01	246.67	-90.27	-3,791.70	-4,242.20	6,829.60	6,433.34	396.26	17.235		
18,700.00	7,151.47	7,115.47	7,115.47	335.85	246.68	-90.28	-3,791.70	-4,242.20	6,919.16	6,523.51	395.65	17.488		
18,800.00	7,151.71	7,115.71	7,115.71	338.69	246.69	-90.28	-3,791.70	-4,242.20	7,009.01	6,613.95	395.05	17.742		
18,900.00	7,151.95	7,115.95	7,115.95	341.53	246.69	-90.29	-3,791.70	-4,242.20	7,099.12	6,704.66	394.47	17.997		
18,920.23	7,152.00	7,116.00	7,116.00	342.10	246.70	-90.29	-3,791.70	-4,242.20	7,117.39	6,723.04	394.35	18.048		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-101.05	-1,112.67	-5,699.60	5,807.19					
100.00	100.00	102.00	102.00	3.28	3.75	-101.05	-1,112.67	-5,699.60	5,807.19	5,800.16	7.03	825.643		
200.00	200.00	202.00	202.00	3.34	6.24	-101.05	-1,112.67	-5,699.60	5,807.19	5,797.61	9.58	606.479		
300.00	299.98	301.98	301.98	3.44	9.39	138.95	-1,112.67	-5,699.60	5,808.51	5,795.68	12.83	452.749		
400.00	399.84	401.84	401.84	3.60	12.71	138.93	-1,112.67	-5,699.60	5,812.45	5,796.15	16.31	356.418		
500.00	499.45	501.45	501.45	3.80	16.10	138.90	-1,112.67	-5,699.60	5,819.03	5,799.14	19.89	292.489		
600.00	598.70	600.70	600.70	4.04	19.50	138.86	-1,112.67	-5,699.60	5,828.24	5,804.70	23.55	247.533		
700.00	697.47	700.53	699.47	4.33	22.95	138.80	-1,112.67	-5,699.60	5,840.08	5,812.81	27.27	214.136		
800.00	795.62	802.38	797.62	4.65	26.47	138.73	-1,112.67	-5,699.60	5,854.55	5,823.43	31.12	188.152		
865.50	859.53	861.53	861.53	4.89	28.52	138.68	-1,112.67	-5,699.60	5,865.44	5,832.05	33.39	175.642		
900.00	893.10	904.90	895.10	5.02	30.02	138.73	-1,112.67	-5,699.60	5,871.48	5,836.46	35.02	167.646		
1,000.00	990.42	1,007.58	992.42	5.41	33.59	138.87	-1,112.67	-5,699.60	5,889.00	5,850.05	38.96	151.161		
1,100.00	1,087.73	1,089.73	1,089.73	5.83	36.44	139.02	-1,112.67	-5,699.60	5,906.57	5,864.36	42.20	139.953		
1,200.00	1,185.05	1,187.05	1,187.05	6.27	39.83	139.16	-1,112.67	-5,699.60	5,924.17	5,878.17	45.99	128.801		
1,300.00	1,282.36	1,284.36	1,284.36	6.72	43.22	139.30	-1,112.67	-5,699.60	5,941.80	5,892.00	49.80	119.312		
1,400.00	1,379.67	1,381.67	1,381.67	7.18	46.60	139.45	-1,112.67	-5,699.60	5,959.48	5,905.86	53.62	111.145		
1,500.00	1,476.99	1,478.99	1,478.99	7.65	49.99	139.59	-1,112.67	-5,699.60	5,977.19	5,919.74	57.45	104.047		
1,600.00	1,574.30	1,576.30	1,576.30	8.13	53.38	139.73	-1,112.67	-5,699.60	5,994.93	5,933.65	61.28	97.823		
1,700.00	1,671.61	1,673.61	1,673.61	8.62	56.78	139.87	-1,112.67	-5,699.60	6,012.71	5,947.59	65.13	92.324		
1,800.00	1,768.93	1,770.93	1,770.93	9.11	60.17	140.01	-1,112.67	-5,699.60	6,030.53	5,961.55	68.98	87.430		
1,900.00	1,866.24	1,868.24	1,868.24	9.60	63.56	140.15	-1,112.67	-5,699.60	6,048.38	5,975.55	72.83	83.049		
2,000.00	1,963.56	1,965.56	1,965.56	10.10	66.95	140.29	-1,112.67	-5,699.60	6,066.27	5,989.58	76.69	79.104		
2,100.00	2,060.87	2,062.87	2,062.87	10.61	70.35	140.42	-1,112.67	-5,699.60	6,084.19	6,003.64	80.55	75.535		
2,200.00	2,158.18	2,160.18	2,160.18	11.11	73.74	140.56	-1,112.67	-5,699.60	6,102.15	6,017.73	84.41	72.289		
2,300.00	2,255.50	2,257.50	2,257.50	11.62	77.13	140.70	-1,112.67	-5,699.60	6,120.14	6,031.86	88.28	69.327		
2,400.00	2,352.81	2,354.81	2,354.81	12.13	80.53	140.83	-1,112.67	-5,699.60	6,138.16	6,046.01	92.15	66.611		
2,500.00	2,450.13	2,452.13	2,452.13	12.65	83.92	140.96	-1,112.67	-5,699.60	6,156.22	6,060.20	96.02	64.114		
2,600.00	2,547.44	2,549.44	2,549.44	13.16	87.32	141.10	-1,112.67	-5,699.60	6,174.31	6,074.41	99.89	61.809		
2,700.00	2,644.75	2,646.75	2,646.75	13.68	90.71	141.23	-1,112.67	-5,699.60	6,192.43	6,088.66	103.77	59.676		
2,800.00	2,742.07	2,744.07	2,744.07	14.20	94.11	141.36	-1,112.67	-5,699.60	6,210.58	6,102.94	107.64	57.697		
2,900.00	2,839.38	2,841.38	2,841.38	14.71	97.50	141.49	-1,112.67	-5,699.60	6,228.77	6,117.25	111.52	55.854		
3,000.00	2,936.70	2,938.70	2,938.70	15.23	100.90	141.62	-1,112.67	-5,699.60	6,246.99	6,131.59	115.40	54.135		
3,100.00	3,034.01	3,036.01	3,036.01	15.76	104.29	141.75	-1,112.67	-5,699.60	6,265.24	6,145.97	119.27	52.528		
3,200.00	3,131.32	3,133.32	3,133.32	16.28	107.69	141.88	-1,112.67	-5,699.60	6,283.52	6,160.37	123.15	51.022		
3,300.00	3,228.64	3,230.64	3,230.64	16.80	111.08	142.01	-1,112.67	-5,699.60	6,301.84	6,174.80	127.03	49.608		
3,400.00	3,325.95	3,327.95	3,327.95	17.32	114.48	142.14	-1,112.67	-5,699.60	6,320.18	6,189.27	130.91	48.277		
3,500.00	3,423.26	3,425.26	3,425.26	17.85	117.88	142.26	-1,112.67	-5,699.60	6,338.55	6,203.76	134.79	47.024		
3,600.00	3,520.58	3,522.58	3,522.58	18.37	121.27	142.39	-1,112.67	-5,699.60	6,356.96	6,218.28	138.68	45.840		
3,700.00	3,617.89	3,619.89	3,619.89	18.90	124.67	142.51	-1,112.67	-5,699.60	6,375.39	6,232.84	142.56	44.721		
3,800.00	3,715.21	3,717.21	3,717.21	19.43	128.06	142.64	-1,112.67	-5,699.60	6,393.86	6,247.42	146.44	43.662		
3,900.00	3,812.52	3,814.52	3,814.52	19.95	131.46	142.76	-1,112.67	-5,699.60	6,412.35	6,262.03	150.32	42.657		
4,000.00	3,909.83	3,911.83	3,911.83	20.48	134.86	142.88	-1,112.67	-5,699.60	6,430.87	6,276.67	154.21	41.703		
4,100.00	4,007.15	4,009.15	4,009.15	21.01	138.25	143.01	-1,112.67	-5,699.60	6,449.43	6,291.34	158.09	40.796		
4,200.00	4,104.46	4,106.46	4,106.46	21.53	141.65	143.13	-1,112.67	-5,699.60	6,468.01	6,306.04	161.97	39.933		
4,300.00	4,201.78	4,203.78	4,203.78	22.06	145.05	143.25	-1,112.67	-5,699.60	6,486.62	6,320.76	165.85	39.110		
4,400.00	4,299.09	4,301.09	4,301.09	22.59	148.44	143.37	-1,112.67	-5,699.60	6,505.25	6,335.52	169.74	38.325		
4,500.00	4,396.40	4,401.60	4,398.40	23.12	151.95	143.49	-1,112.67	-5,699.60	6,523.92	6,350.19	173.73	37.552		
4,600.00	4,493.72	4,504.28	4,495.72	23.65	155.53	143.61	-1,112.67	-5,699.60	6,542.61	6,364.81	177.80	36.797		
4,700.00	4,591.03	4,606.97	4,593.03	24.18	159.12	143.72	-1,112.67	-5,699.60	6,561.33	6,379.46	181.87	36.076		
4,800.00	4,688.34	4,709.66	4,690.34	24.71	162.70	143.84	-1,112.67	-5,699.60	6,580.08	6,394.14	185.95	35.387		
4,900.00	4,785.66	4,787.66	4,787.66	25.24	165.42	143.96	-1,112.67	-5,699.60	6,598.86	6,409.70	189.16	34.886		
5,000.00	4,882.97	4,884.97	4,884.97	25.77	168.82	144.08	-1,112.67	-5,699.60	6,617.66	6,424.62	193.04	34.281		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	4,982.29	4,982.29	26.30	172.22	144.19	-1,112.67	-5,699.60	6,636.49	6,439.56	196.92	33.701		
5,200.00	5,077.60	5,079.60	5,079.60	26.83	175.61	144.31	-1,112.67	-5,699.60	6,655.34	6,454.54	200.81	33.143		
5,300.00	5,174.91	5,176.91	5,176.91	27.36	179.01	144.42	-1,112.67	-5,699.60	6,674.22	6,469.53	204.69	32.606		
5,400.00	5,272.23	5,274.23	5,274.23	27.89	182.41	144.53	-1,112.67	-5,699.60	6,693.13	6,484.56	208.58	32.090		
5,500.00	5,369.54	5,371.54	5,371.54	28.42	185.80	144.65	-1,112.67	-5,699.60	6,712.06	6,499.60	212.46	31.592		
5,600.00	5,466.86	5,468.86	5,468.86	28.95	189.20	144.76	-1,112.67	-5,699.60	6,731.02	6,514.68	216.34	31.113		
5,700.00	5,564.17	5,566.17	5,566.17	29.48	192.60	144.87	-1,112.67	-5,699.60	6,750.01	6,529.78	220.23	30.650		
5,800.00	5,661.48	5,663.48	5,663.48	30.01	195.99	144.98	-1,112.67	-5,699.60	6,769.01	6,544.90	224.11	30.204		
5,900.00	5,758.80	5,760.80	5,760.80	30.54	199.39	145.09	-1,112.67	-5,699.60	6,788.05	6,560.05	227.99	29.773		
6,000.00	5,856.11	5,858.11	5,858.11	31.07	202.79	145.20	-1,112.67	-5,699.60	6,807.10	6,575.23	231.88	29.356		
6,100.00	5,953.43	5,955.43	5,955.43	31.61	206.18	145.31	-1,112.67	-5,699.60	6,826.19	6,590.43	235.76	28.954		
6,200.00	6,050.74	6,052.74	6,052.74	32.14	209.58	145.42	-1,112.67	-5,699.60	6,845.29	6,605.65	239.65	28.564		
6,300.00	6,148.05	6,150.05	6,150.05	32.67	212.98	145.53	-1,112.67	-5,699.60	6,864.42	6,620.90	243.53	28.187		
6,400.00	6,245.37	6,247.37	6,247.37	33.20	216.38	145.64	-1,112.67	-5,699.60	6,883.58	6,636.17	247.41	27.822		
6,500.00	6,342.68	6,344.68	6,344.68	33.73	219.77	145.74	-1,112.67	-5,699.60	6,902.76	6,651.46	251.30	27.469		
6,520.81	6,362.93	6,364.93	6,364.93	33.85	220.48	145.77	-1,112.67	-5,699.60	6,906.75	6,654.65	252.10	27.396		
6,550.00	6,391.46	6,406.54	6,393.46	34.00	221.93	139.51	-1,112.67	-5,699.60	6,911.70	6,658.01	253.70	27.244		
6,600.00	6,440.79	6,442.79	6,442.79	34.23	223.20	120.69	-1,112.67	-5,699.60	6,917.12	6,661.93	255.19	27.106		
6,650.00	6,490.44	6,507.56	6,492.44	34.43	225.46	85.57	-1,112.67	-5,699.60	6,918.65	6,660.99	257.66	26.852		
6,700.00	6,540.10	6,542.10	6,542.10	34.60	226.66	49.45	-1,112.67	-5,699.60	6,916.28	6,657.23	259.04	26.699		
6,750.00	6,589.46	6,608.54	6,591.46	34.76	228.98	29.57	-1,112.67	-5,699.60	6,910.02	6,648.50	261.51	26.423		
6,800.00	6,638.22	6,640.22	6,640.22	34.92	230.09	19.44	-1,112.67	-5,699.60	6,899.91	6,637.16	262.75	26.260		
6,850.00	6,686.09	6,688.09	6,688.09	35.07	231.76	13.63	-1,112.67	-5,699.60	6,886.02	6,621.48	264.54	26.030		
6,900.00	6,732.75	6,734.75	6,734.75	35.24	233.39	9.89	-1,112.67	-5,699.60	6,868.42	6,602.15	266.27	25.795		
6,950.00	6,777.94	6,779.94	6,779.94	35.42	234.97	7.26	-1,112.67	-5,699.60	6,847.23	6,579.30	267.92	25.557		
7,000.00	6,821.36	6,823.36	6,823.36	35.61	236.48	5.25	-1,112.67	-5,699.60	6,822.57	6,553.06	269.51	25.315		
7,050.00	6,862.75	6,864.75	6,864.75	35.83	237.93	3.62	-1,112.67	-5,699.60	6,794.60	6,523.60	271.00	25.072		
7,100.00	6,901.85	6,903.85	6,903.85	36.06	239.29	2.19	-1,112.67	-5,699.60	6,763.49	6,491.08	272.41	24.828		
7,150.00	6,938.43	6,940.43	6,940.43	36.32	240.57	0.87	-1,112.67	-5,699.60	6,729.43	6,455.71	273.72	24.585		
7,200.00	6,972.26	6,974.26	6,974.26	36.61	241.75	-0.45	-1,112.67	-5,699.60	6,692.63	6,417.71	274.92	24.344		
7,250.00	7,003.13	7,005.13	7,005.13	36.93	242.83	-1.85	-1,112.67	-5,699.60	6,653.31	6,377.31	276.00	24.106		
7,300.00	7,030.85	7,032.85	7,032.85	37.29	243.79	-3.45	-1,112.67	-5,699.60	6,611.73	6,334.75	276.98	23.871		
7,350.00	7,055.25	7,057.25	7,057.25	37.68	244.65	-5.40	-1,112.67	-5,699.60	6,568.13	6,290.30	277.83	23.641		
7,400.00	7,076.17	7,078.17	7,078.17	38.12	245.38	-7.97	-1,112.67	-5,699.60	6,522.78	6,244.23	278.56	23.416		
7,450.00	7,093.50	7,104.50	7,095.50	38.60	246.30	-11.64	-1,112.67	-5,699.60	6,475.98	6,196.50	279.47	23.172		
7,500.00	7,107.11	7,109.11	7,109.11	39.11	246.46	-17.40	-1,112.67	-5,699.60	6,427.99	6,148.36	279.63	22.987		
7,550.00	7,116.94	7,118.94	7,118.94	39.66	246.80	-27.72	-1,112.67	-5,699.60	6,379.13	6,099.16	279.97	22.785		
7,600.00	7,122.91	7,124.91	7,124.91	40.24	247.01	-48.91	-1,112.67	-5,699.60	6,329.69	6,049.50	280.19	22.591		
7,650.18	7,125.00	7,127.00	7,127.00	40.85	247.08	-88.65	-1,112.67	-5,699.60	6,279.81	5,999.53	280.27	22.406		
7,700.00	7,125.12	7,127.12	7,127.12	41.48	247.08	-88.66	-1,112.67	-5,699.60	6,230.24	5,949.95	280.30	22.227		
7,800.00	7,125.36	7,127.36	7,127.36	42.88	247.09	-88.68	-1,112.67	-5,699.60	6,130.78	5,850.43	280.34	21.869		
7,900.00	7,125.60	7,127.60	7,127.60	44.42	247.10	-88.71	-1,112.67	-5,699.60	6,031.33	5,750.93	280.39	21.510		
8,000.00	7,125.84	7,127.84	7,127.84	46.10	247.11	-88.73	-1,112.67	-5,699.60	5,931.89	5,651.44	280.45	21.151		
8,100.00	7,126.08	7,128.08	7,128.08	47.89	247.12	-88.75	-1,112.67	-5,699.60	5,832.48	5,551.97	280.52	20.792		
8,200.00	7,126.32	7,128.32	7,128.32	49.79	247.13	-88.77	-1,112.67	-5,699.60	5,733.09	5,452.50	280.59	20.432		
8,300.00	7,126.56	7,128.56	7,128.56	51.79	247.13	-88.79	-1,112.67	-5,699.60	5,633.72	5,353.05	280.67	20.073		
8,400.00	7,126.80	7,128.80	7,128.80	53.86	247.14	-88.81	-1,112.67	-5,699.60	5,534.37	5,253.62	280.76	19.712		
8,500.00	7,127.04	7,129.04	7,129.04	56.00	247.15	-88.84	-1,112.67	-5,699.60	5,435.05	5,154.20	280.85	19.352		
8,600.00	7,127.28	7,129.28	7,129.28	58.21	247.16	-88.86	-1,112.67	-5,699.60	5,335.75	5,054.80	280.96	18.991		
8,689.38	7,127.49	7,129.49	7,129.49	60.24	247.17	-88.88	-1,112.67	-5,699.60	5,247.02	4,965.96	281.06	18.669		
8,700.00	7,127.52	7,129.52	7,129.52	60.48	247.17	-88.84	-1,112.67	-5,699.60	5,236.48	4,955.41	281.07	18.630		
8,800.00	7,127.76	7,129.76	7,129.76	62.79	247.18	-88.39	-1,112.67	-5,699.60	5,137.00	4,855.82	281.18	18.269		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,129.85	7,129.85	63.74	247.18	-88.09	-1,112.67	-5,699.60	5,096.06	4,814.84	281.22	18.121		
8,900.00	7,128.00	7,130.00	7,130.00	65.12	247.18	-88.11	-1,112.67	-5,699.60	5,037.28	4,756.01	281.27	17.909		
9,000.00	7,128.23	7,130.23	7,130.23	67.50	247.19	-88.15	-1,112.67	-5,699.60	4,937.55	4,656.19	281.36	17.549		
9,100.00	7,128.47	7,130.47	7,130.47	69.91	247.20	-88.18	-1,112.67	-5,699.60	4,837.83	4,556.37	281.46	17.188		
9,200.00	7,128.71	7,130.71	7,130.71	72.35	247.21	-88.22	-1,112.67	-5,699.60	4,738.12	4,456.56	281.56	16.828		
9,300.00	7,128.95	7,130.95	7,130.95	74.83	247.22	-88.26	-1,112.67	-5,699.60	4,638.42	4,356.75	281.68	16.467		
9,400.00	7,129.19	7,131.19	7,131.19	77.33	247.23	-88.30	-1,112.67	-5,699.60	4,538.74	4,256.94	281.80	16.106		
9,500.00	7,129.43	7,131.43	7,131.43	79.86	247.24	-88.33	-1,112.67	-5,699.60	4,439.07	4,157.14	281.92	15.746		
9,600.00	7,129.67	7,131.67	7,131.67	82.41	247.24	-88.37	-1,112.67	-5,699.60	4,339.41	4,057.35	282.06	15.385		
9,700.00	7,129.91	7,131.91	7,131.91	84.97	247.25	-88.41	-1,112.67	-5,699.60	4,239.78	3,957.57	282.21	15.023		
9,800.00	7,130.15	7,132.15	7,132.15	87.56	247.26	-88.45	-1,112.67	-5,699.60	4,140.16	3,857.79	282.37	14.662		
9,900.00	7,130.39	7,132.39	7,132.39	90.16	247.27	-88.48	-1,112.67	-5,699.60	4,040.55	3,758.01	282.54	14.301		
10,000.00	7,130.63	7,132.63	7,132.63	92.78	247.28	-88.52	-1,112.67	-5,699.60	3,940.97	3,658.25	282.72	13.939		
10,100.00	7,130.87	7,132.87	7,132.87	95.41	247.29	-88.56	-1,112.67	-5,699.60	3,841.41	3,558.49	282.92	13.578		
10,200.00	7,131.11	7,133.11	7,133.11	98.06	247.29	-88.60	-1,112.67	-5,699.60	3,741.87	3,458.74	283.13	13.216		
10,300.00	7,131.35	7,133.35	7,133.35	100.71	247.30	-88.64	-1,112.67	-5,699.60	3,642.36	3,359.00	283.37	12.854		
10,400.00	7,131.59	7,133.59	7,133.59	103.38	247.31	-88.67	-1,112.67	-5,699.60	3,542.88	3,259.26	283.61	12.492		
10,500.00	7,131.83	7,133.83	7,133.83	106.06	247.32	-88.71	-1,112.67	-5,699.60	3,443.43	3,159.54	283.88	12.130		
10,600.00	7,132.07	7,134.07	7,134.07	108.74	247.33	-88.75	-1,112.67	-5,699.60	3,344.00	3,059.83	284.18	11.767		
10,700.00	7,132.31	7,134.31	7,134.31	111.44	247.34	-88.79	-1,112.67	-5,699.60	3,244.62	2,960.12	284.50	11.405		
10,800.00	7,132.55	7,134.55	7,134.55	114.14	247.34	-88.82	-1,112.67	-5,699.60	3,145.27	2,860.43	284.85	11.042		
10,900.00	7,132.79	7,134.79	7,134.79	116.85	247.35	-88.86	-1,112.67	-5,699.60	3,045.97	2,760.74	285.23	10.679		
11,000.00	7,133.03	7,135.03	7,135.03	119.57	247.36	-88.90	-1,112.67	-5,699.60	2,946.71	2,661.07	285.64	10.316		
11,100.00	7,133.27	7,135.27	7,135.27	122.29	247.37	-88.94	-1,112.67	-5,699.60	2,847.50	2,561.40	286.10	9.953		
11,200.00	7,133.51	7,135.51	7,135.51	125.02	247.38	-88.97	-1,112.67	-5,699.60	2,748.36	2,461.75	286.60	9.589		
11,300.00	7,133.74	7,135.74	7,135.74	127.76	247.39	-89.01	-1,112.67	-5,699.60	2,649.27	2,362.11	287.16	9.226		
11,400.00	7,133.98	7,135.98	7,135.98	130.50	247.39	-89.05	-1,112.67	-5,699.60	2,550.26	2,262.49	287.77	8.862		
11,500.00	7,134.22	7,136.22	7,136.22	133.24	247.40	-89.09	-1,112.67	-5,699.60	2,451.33	2,162.87	288.46	8.498		
11,600.00	7,134.46	7,136.46	7,136.46	135.99	247.41	-89.12	-1,112.67	-5,699.60	2,352.49	2,063.27	289.21	8.134		
11,700.00	7,134.70	7,136.70	7,136.70	138.75	247.42	-89.16	-1,112.67	-5,699.60	2,253.75	1,963.69	290.06	7.770		
11,800.00	7,134.94	7,136.94	7,136.94	141.51	247.43	-89.20	-1,112.67	-5,699.60	2,155.13	1,864.11	291.02	7.406		
11,900.00	7,135.18	7,137.18	7,137.18	144.27	247.44	-89.24	-1,112.67	-5,699.60	2,056.64	1,764.55	292.09	7.041		
12,000.00	7,135.42	7,137.42	7,137.42	147.03	247.44	-89.28	-1,112.67	-5,699.60	1,958.30	1,665.00	293.30	6.677		
12,100.00	7,135.66	7,137.66	7,137.66	149.80	247.45	-89.31	-1,112.67	-5,699.60	1,860.14	1,565.47	294.67	6.313		
12,200.00	7,135.90	7,137.90	7,137.90	152.58	247.46	-89.35	-1,112.67	-5,699.60	1,762.18	1,465.94	296.24	5.948		
12,300.00	7,136.14	7,138.14	7,138.14	155.35	247.47	-89.39	-1,112.67	-5,699.60	1,664.48	1,366.44	298.04	5.585		
12,400.00	7,136.38	7,138.38	7,138.38	158.13	247.48	-89.43	-1,112.67	-5,699.60	1,567.05	1,266.94	300.11	5.222		
12,500.00	7,136.62	7,138.62	7,138.62	160.91	247.49	-89.46	-1,112.67	-5,699.60	1,469.98	1,167.47	302.51	4.859		
12,600.00	7,136.86	7,138.86	7,138.86	163.70	247.49	-89.50	-1,112.67	-5,699.60	1,373.33	1,068.01	305.31	4.498		
12,700.00	7,137.10	7,139.10	7,139.10	166.48	247.50	-89.54	-1,112.67	-5,699.60	1,277.19	968.58	308.61	4.139		
12,800.00	7,137.34	7,139.34	7,139.34	169.27	247.51	-89.58	-1,112.67	-5,699.60	1,181.69	869.19	312.50	3.781		
12,900.00	7,137.58	7,139.58	7,139.58	172.06	247.52	-89.61	-1,112.67	-5,699.60	1,087.00	769.85	317.15	3.427		
13,000.00	7,137.82	7,139.82	7,139.82	174.86	247.53	-89.65	-1,112.67	-5,699.60	993.35	670.61	322.74	3.078		
13,100.00	7,138.06	7,140.06	7,140.06	177.65	247.54	-89.69	-1,112.67	-5,699.60	901.07	571.55	329.53	2.734		
13,200.00	7,138.30	7,140.30	7,140.30	180.45	247.54	-89.73	-1,112.67	-5,699.60	810.63	472.78	337.84	2.399		
13,300.00	7,138.54	7,140.54	7,140.54	183.25	247.55	-89.76	-1,112.67	-5,699.60	722.70	374.59	348.11	2.076		
13,400.00	7,138.78	7,140.78	7,140.78	186.05	247.56	-89.80	-1,112.67	-5,699.60	638.34	277.50	360.84	1.769		
13,500.00	7,139.02	7,141.02	7,141.02	188.85	247.57	-89.84	-1,112.67	-5,699.60	559.16	182.62	376.53	1.485 Level 3		
13,600.00	7,139.25	7,141.25	7,141.25	191.65	247.58	-89.88	-1,112.67	-5,699.60	487.69	92.31	395.38	1.233 Level 2		
13,700.00	7,139.49	7,141.49	7,141.49	194.46	247.59	-89.92	-1,112.67	-5,699.60	427.81	11.41	416.39	1.027 Level 2		
13,800.00	7,139.73	7,141.73	7,141.73	197.27	247.59	-89.95	-1,112.67	-5,699.60	384.96	-51.02	435.98	0.883 Level 1		
13,900.00	7,139.97	7,141.97	7,141.97	200.08	247.60	-89.99	-1,112.67	-5,699.60	365.21	-82.28	447.49	0.816 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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,924.10	7,140.03	7,142.03	7,142.03	200.75	247.61	-90.00	-1,112.67	-5,699.60	364.41	-83.90	448.31	0.813	Level 1, CC, ES, SF	
14,000.00	7,140.21	7,142.21	7,142.21	202.89	247.61	-90.03	-1,112.67	-5,699.60	372.23	-73.22	445.46	0.836	Level 1	
14,100.00	7,140.45	7,142.45	7,142.45	205.70	247.62	-90.07	-1,112.67	-5,699.60	404.65	-26.98	431.62	0.937	Level 1	
14,200.00	7,140.69	7,142.69	7,142.69	208.51	247.63	-90.10	-1,112.67	-5,699.60	457.08	44.42	412.65	1.108	Level 2	
14,300.00	7,140.93	7,142.93	7,142.93	211.32	247.64	-90.14	-1,112.67	-5,699.60	523.54	129.67	393.87	1.329	Level 3	
14,400.00	7,141.17	7,143.17	7,143.17	214.14	247.64	-90.18	-1,112.67	-5,699.60	599.40	221.88	377.51	1.588		
14,500.00	7,141.41	7,143.41	7,143.41	216.95	247.65	-90.22	-1,112.67	-5,699.60	681.51	317.54	363.97	1.872		
14,600.00	7,141.65	7,143.65	7,143.65	219.77	247.66	-90.25	-1,112.67	-5,699.60	767.88	414.93	352.95	2.176		
14,700.00	7,141.89	7,143.89	7,143.89	222.59	247.67	-90.29	-1,112.67	-5,699.60	857.22	513.24	343.98	2.492		
14,800.00	7,142.13	7,144.13	7,144.13	225.41	247.68	-90.33	-1,112.67	-5,699.60	948.68	612.05	336.63	2.818		
14,900.00	7,142.37	7,144.37	7,144.37	228.23	247.69	-90.37	-1,112.67	-5,699.60	1,041.72	711.14	330.58	3.151		
15,000.00	7,142.61	7,144.61	7,144.61	231.05	247.69	-90.41	-1,112.67	-5,699.60	1,135.94	810.40	325.54	3.489		
15,100.00	7,142.85	7,144.85	7,144.85	233.87	247.70	-90.44	-1,112.67	-5,699.60	1,231.07	909.76	321.31	3.831		
15,200.00	7,143.09	7,145.09	7,145.09	236.69	247.71	-90.48	-1,112.67	-5,699.60	1,326.92	1,009.19	317.73	4.176		
15,300.00	7,143.33	7,145.33	7,145.33	239.52	247.72	-90.52	-1,112.67	-5,699.60	1,423.34	1,108.67	314.67	4.523		
15,400.00	7,143.57	7,145.57	7,145.57	242.34	247.73	-90.56	-1,112.67	-5,699.60	1,520.22	1,208.17	312.05	4.872		
15,500.00	7,143.81	7,145.81	7,145.81	245.17	247.74	-90.59	-1,112.67	-5,699.60	1,617.48	1,307.70	309.78	5.221		
15,600.00	7,144.05	7,146.05	7,146.05	247.99	247.75	-90.63	-1,112.67	-5,699.60	1,715.06	1,407.25	307.81	5.572		
15,700.00	7,144.29	7,146.29	7,146.29	250.82	247.75	-90.67	-1,112.67	-5,699.60	1,812.90	1,506.82	306.08	5.923		
15,800.00	7,144.53	7,146.53	7,146.53	253.64	247.76	-90.71	-1,112.67	-5,699.60	1,910.96	1,606.39	304.57	6.274		
15,900.00	7,144.76	7,146.76	7,146.76	256.47	247.77	-90.74	-1,112.67	-5,699.60	2,009.22	1,705.98	303.24	6.626		
16,000.00	7,145.00	7,147.00	7,147.00	259.30	247.78	-90.78	-1,112.67	-5,699.60	2,107.64	1,805.58	302.06	6.978		
16,100.00	7,145.24	7,147.24	7,147.24	262.13	247.79	-90.82	-1,112.67	-5,699.60	2,206.20	1,905.19	301.01	7.329		
16,200.00	7,145.48	7,147.48	7,147.48	264.96	247.80	-90.86	-1,112.67	-5,699.60	2,304.89	2,004.81	300.07	7.681		
16,300.00	7,145.72	7,147.72	7,147.72	267.79	247.80	-90.89	-1,112.67	-5,699.60	2,403.68	2,104.44	299.24	8.033		
16,400.00	7,145.96	7,147.96	7,147.96	270.62	247.81	-90.93	-1,112.67	-5,699.60	2,502.57	2,204.08	298.49	8.384		
16,500.00	7,146.20	7,148.20	7,148.20	273.45	247.82	-90.97	-1,112.67	-5,699.60	2,601.54	2,303.72	297.82	8.735		
16,600.00	7,146.44	7,148.44	7,148.44	276.28	247.83	-91.01	-1,112.67	-5,699.60	2,700.59	2,403.38	297.22	9.086		
16,700.00	7,146.68	7,148.68	7,148.68	279.12	247.84	-91.05	-1,112.67	-5,699.60	2,799.71	2,503.04	296.68	9.437		
16,800.00	7,146.92	7,148.92	7,148.92	281.95	247.85	-91.08	-1,112.67	-5,699.60	2,898.89	2,602.70	296.19	9.787		
16,900.00	7,147.16	7,149.16	7,149.16	284.78	247.85	-91.12	-1,112.67	-5,699.60	2,998.12	2,702.38	295.74	10.138		
17,000.00	7,147.40	7,149.40	7,149.40	287.62	247.86	-91.16	-1,112.67	-5,699.60	3,097.40	2,802.06	295.35	10.487		
17,100.00	7,147.64	7,149.64	7,149.64	290.45	247.87	-91.20	-1,112.67	-5,699.60	3,196.73	2,901.75	294.99	10.837		
17,200.00	7,147.88	7,149.88	7,149.88	293.28	247.88	-91.23	-1,112.67	-5,699.60	3,296.10	3,001.44	294.66	11.186		
17,300.00	7,148.12	7,150.12	7,150.12	296.12	247.89	-91.27	-1,112.67	-5,699.60	3,395.50	3,101.14	294.37	11.535		
17,400.00	7,148.36	7,150.36	7,150.36	298.95	247.90	-91.31	-1,112.67	-5,699.60	3,494.94	3,200.84	294.10	11.884		
17,500.00	7,148.60	7,150.60	7,150.60	301.79	247.90	-91.35	-1,112.67	-5,699.60	3,594.41	3,300.55	293.86	12.232		
17,600.00	7,148.84	7,150.84	7,150.84	304.63	247.91	-91.38	-1,112.67	-5,699.60	3,693.91	3,400.27	293.64	12.580		
17,700.00	7,149.08	7,151.08	7,151.08	307.46	247.92	-91.42	-1,112.67	-5,699.60	3,793.44	3,499.99	293.45	12.927		
17,800.00	7,149.32	7,151.32	7,151.32	310.30	247.93	-91.46	-1,112.67	-5,699.60	3,892.98	3,599.71	293.27	13.274		
17,900.00	7,149.56	7,151.56	7,151.56	313.14	247.94	-91.50	-1,112.67	-5,699.60	3,992.56	3,699.44	293.11	13.621		
18,000.00	7,149.80	7,151.80	7,151.80	315.98	247.95	-91.53	-1,112.67	-5,699.60	4,092.15	3,799.18	292.97	13.968		
18,100.00	7,150.04	7,152.04	7,152.04	318.81	247.95	-91.57	-1,112.67	-5,699.60	4,191.76	3,898.91	292.85	14.314		
18,200.00	7,150.27	7,152.27	7,152.27	321.65	247.96	-91.61	-1,112.67	-5,699.60	4,291.39	3,998.66	292.73	14.660		
18,300.00	7,150.51	7,152.51	7,152.51	324.49	247.97	-91.65	-1,112.67	-5,699.60	4,391.04	4,098.40	292.64	15.005		
18,400.00	7,150.75	7,152.75	7,152.75	327.33	247.98	-91.69	-1,112.67	-5,699.60	4,490.70	4,198.15	292.55	15.350		
18,500.00	7,150.99	7,152.99	7,152.99	330.17	247.99	-91.72	-1,112.67	-5,699.60	4,590.38	4,297.90	292.47	15.695		
18,600.00	7,151.23	7,153.23	7,153.23	333.01	248.00	-91.76	-1,112.67	-5,699.60	4,690.07	4,397.66	292.41	16.039		
18,700.00	7,151.47	7,153.47	7,153.47	335.85	248.00	-91.80	-1,112.67	-5,699.60	4,789.77	4,497.42	292.35	16.383		
18,800.00	7,151.71	7,153.71	7,153.71	338.69	248.01	-91.84	-1,112.67	-5,699.60	4,889.49	4,597.18	292.31	16.727		
18,900.00	7,151.95	7,153.95	7,153.95	341.53	248.02	-91.87	-1,112.67	-5,699.60	4,989.21	4,696.94	292.27	17.071		
18,920.23	7,152.00	7,154.00	7,154.00	342.10	248.02	-91.88	-1,112.67	-5,699.60	5,009.39	4,717.13	292.26	17.140		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-77.88	1,516.88	-7,066.59	7,227.56					
100.00	100.00	140.00	140.00	3.28	4.54	-77.88	1,516.88	-7,066.59	7,227.56	7,219.74	7.83	923.448		
200.00	200.00	240.00	240.00	3.34	7.40	-77.88	1,516.88	-7,066.59	7,227.56	7,216.83	10.74	673.169		
300.00	299.98	339.98	339.98	3.44	10.64	162.11	1,516.88	-7,066.59	7,229.22	7,215.14	14.08	513.341		
400.00	399.84	439.84	439.84	3.60	14.00	162.09	1,516.88	-7,066.59	7,234.20	7,216.61	17.59	411.155		
500.00	499.45	539.45	539.45	3.80	17.40	162.06	1,516.88	-7,066.59	7,242.50	7,221.30	21.20	341.672		
600.00	598.70	638.70	638.70	4.04	20.81	162.02	1,516.88	-7,066.59	7,254.10	7,229.25	24.85	291.859		
700.00	697.47	737.47	737.47	4.33	24.22	161.96	1,516.88	-7,066.59	7,268.99	7,240.45	28.55	254.634		
800.00	795.62	835.62	835.62	4.65	27.62	161.90	1,516.88	-7,066.59	7,287.16	7,254.91	32.26	225.897		
865.50	859.53	900.47	899.53	4.89	29.87	161.84	1,516.88	-7,066.59	7,300.83	7,266.10	34.73	210.218		
900.00	893.10	933.10	933.10	5.02	31.00	161.86	1,516.88	-7,066.59	7,308.40	7,272.42	35.98	203.110		
1,000.00	990.42	1,030.42	1,030.42	5.41	34.38	161.92	1,516.88	-7,066.59	7,330.34	7,290.62	39.71	184.577		
1,100.00	1,087.73	1,127.73	1,127.73	5.83	37.77	161.97	1,516.88	-7,066.59	7,352.28	7,308.82	43.47	169.144		
1,200.00	1,185.05	1,225.05	1,225.05	6.27	41.15	162.03	1,516.88	-7,066.59	7,374.23	7,327.00	47.24	156.106		
1,300.00	1,282.36	1,322.36	1,322.36	6.72	44.54	162.08	1,516.88	-7,066.59	7,396.19	7,345.17	51.02	144.955		
1,400.00	1,379.67	1,419.67	1,419.67	7.18	47.93	162.14	1,516.88	-7,066.59	7,418.16	7,363.33	54.82	135.315		
1,500.00	1,476.99	1,516.99	1,516.99	7.65	51.32	162.19	1,516.88	-7,066.59	7,440.13	7,381.50	58.63	126.904		
1,600.00	1,574.30	1,614.30	1,614.30	8.13	54.71	162.25	1,516.88	-7,066.59	7,462.10	7,399.66	62.44	119.503		
1,700.00	1,671.61	1,711.61	1,711.61	8.62	58.10	162.30	1,516.88	-7,066.59	7,484.09	7,417.82	66.26	112.943		
1,800.00	1,768.93	1,808.93	1,808.93	9.11	61.49	162.35	1,516.88	-7,066.59	7,506.08	7,435.98	70.09	107.089		
1,900.00	1,866.24	1,906.24	1,906.24	9.60	64.88	162.41	1,516.88	-7,066.59	7,528.07	7,454.15	73.92	101.835		
2,000.00	1,963.56	2,003.56	2,003.56	10.10	68.28	162.46	1,516.88	-7,066.59	7,550.07	7,472.31	77.76	97.094		
2,100.00	2,060.87	2,100.87	2,100.87	10.61	71.67	162.51	1,516.88	-7,066.59	7,572.08	7,490.48	81.60	92.794		
2,200.00	2,158.18	2,201.82	2,198.18	11.11	75.19	162.56	1,516.88	-7,066.59	7,594.09	7,508.52	85.57	88.746		
2,300.00	2,255.50	2,304.50	2,295.50	11.62	78.77	162.62	1,516.88	-7,066.59	7,616.11	7,526.51	89.60	84.997		
2,400.00	2,352.81	2,407.19	2,392.81	12.13	82.35	162.67	1,516.88	-7,066.59	7,638.14	7,544.50	93.64	81.569		
2,500.00	2,450.13	2,509.87	2,490.13	12.65	85.94	162.72	1,516.88	-7,066.59	7,660.17	7,562.49	97.68	78.423		
2,600.00	2,547.44	2,587.44	2,587.44	13.16	88.64	162.77	1,516.88	-7,066.59	7,682.21	7,581.37	100.84	76.181		
2,700.00	2,644.75	2,684.75	2,684.75	13.68	92.04	162.82	1,516.88	-7,066.59	7,704.25	7,599.55	104.70	73.588		
2,800.00	2,742.07	2,782.07	2,782.07	14.20	95.43	162.87	1,516.88	-7,066.59	7,726.30	7,617.75	108.55	71.177		
2,900.00	2,839.38	2,879.38	2,879.38	14.71	98.83	162.92	1,516.88	-7,066.59	7,748.35	7,635.95	112.41	68.931		
3,000.00	2,936.70	2,976.70	2,976.70	15.23	102.22	162.97	1,516.88	-7,066.59	7,770.41	7,654.15	116.27	66.834		
3,100.00	3,034.01	3,074.01	3,074.01	15.76	105.62	163.02	1,516.88	-7,066.59	7,792.48	7,672.35	120.12	64.870		
3,200.00	3,131.32	3,171.32	3,171.32	16.28	109.01	163.07	1,516.88	-7,066.59	7,814.55	7,690.56	123.98	63.029		
3,300.00	3,228.64	3,268.64	3,268.64	16.80	112.41	163.12	1,516.88	-7,066.59	7,836.63	7,708.78	127.85	61.298		
3,400.00	3,325.95	3,365.95	3,365.95	17.32	115.81	163.17	1,516.88	-7,066.59	7,858.71	7,727.00	131.71	59.668		
3,500.00	3,423.26	3,463.26	3,463.26	17.85	119.20	163.21	1,516.88	-7,066.59	7,880.79	7,745.23	135.57	58.131		
3,600.00	3,520.58	3,560.58	3,560.58	18.37	122.60	163.26	1,516.88	-7,066.59	7,902.89	7,763.46	139.43	56.679		
3,700.00	3,617.89	3,657.89	3,657.89	18.90	125.99	163.31	1,516.88	-7,066.59	7,924.99	7,781.69	143.30	55.305		
3,800.00	3,715.21	3,755.21	3,755.21	19.43	129.39	163.36	1,516.88	-7,066.59	7,947.09	7,799.93	147.16	54.003		
3,900.00	3,812.52	3,852.52	3,852.52	19.95	132.79	163.41	1,516.88	-7,066.59	7,969.20	7,818.17	151.02	52.768		
4,000.00	3,909.83	3,949.83	3,949.83	20.48	136.18	163.45	1,516.88	-7,066.59	7,991.31	7,836.42	154.89	51.594		
4,100.00	4,007.15	4,047.15	4,047.15	21.01	139.58	163.50	1,516.88	-7,066.59	8,013.43	7,854.67	158.75	50.477		
4,200.00	4,104.46	4,144.46	4,144.46	21.53	142.98	163.55	1,516.88	-7,066.59	8,035.55	7,872.93	162.62	49.413		
4,300.00	4,201.78	4,241.78	4,241.78	22.06	146.37	163.59	1,516.88	-7,066.59	8,057.68	7,891.19	166.49	48.398		
4,400.00	4,299.09	4,339.09	4,339.09	22.59	149.77	163.64	1,516.88	-7,066.59	8,079.82	7,909.46	170.35	47.430		
4,500.00	4,396.40	4,436.40	4,436.40	23.12	153.16	163.68	1,516.88	-7,066.59	8,101.95	7,927.73	174.22	46.504		
4,600.00	4,493.72	4,533.72	4,533.72	23.65	156.56	163.73	1,516.88	-7,066.59	8,124.10	7,946.01	178.09	45.619		
4,700.00	4,591.03	4,631.03	4,631.03	24.18	159.96	163.77	1,516.88	-7,066.59	8,146.25	7,964.29	181.95	44.771		
4,800.00	4,688.34	4,728.34	4,728.34	24.71	163.35	163.82	1,516.88	-7,066.59	8,168.40	7,982.58	185.82	43.958		
4,900.00	4,785.66	4,825.66	4,825.66	25.24	166.75	163.86	1,516.88	-7,066.59	8,190.56	8,000.87	189.69	43.179		
5,000.00	4,882.97	4,922.97	4,922.97	25.77	170.15	163.91	1,516.88	-7,066.59	8,212.72	8,019.16	193.56	42.430		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,020.29	5,020.29	26.30	173.54	163.95	1,516.88	-7,066.59	8,234.89	8,037.46	197.43	41.711		
5,200.00	5,077.60	5,117.60	5,117.60	26.83	176.94	164.00	1,516.88	-7,066.59	8,257.06	8,055.76	201.30	41.020		
5,300.00	5,174.91	5,214.91	5,214.91	27.36	180.34	164.04	1,516.88	-7,066.59	8,279.24	8,074.07	205.16	40.354		
5,400.00	5,272.23	5,312.23	5,312.23	27.89	183.73	164.08	1,516.88	-7,066.59	8,301.42	8,092.39	209.03	39.713		
5,500.00	5,369.54	5,409.54	5,409.54	28.42	187.13	164.13	1,516.88	-7,066.59	8,323.60	8,110.70	212.90	39.096		
5,600.00	5,466.86	5,506.86	5,506.86	28.95	190.53	164.17	1,516.88	-7,066.59	8,345.79	8,129.02	216.77	38.500		
5,700.00	5,564.17	5,604.17	5,604.17	29.48	193.92	164.21	1,516.88	-7,066.59	8,367.99	8,147.35	220.64	37.926		
5,800.00	5,661.48	5,701.48	5,701.48	30.01	197.32	164.26	1,516.88	-7,066.59	8,390.19	8,165.68	224.51	37.371		
5,900.00	5,758.80	5,801.20	5,798.80	30.54	200.80	164.30	1,516.88	-7,066.59	8,412.39	8,183.93	228.46	36.822		
6,000.00	5,856.11	5,903.89	5,896.11	31.07	204.39	164.34	1,516.88	-7,066.59	8,434.60	8,202.08	232.52	36.275		
6,100.00	5,953.43	6,006.58	5,993.43	31.61	207.97	164.38	1,516.88	-7,066.59	8,456.81	8,220.24	236.58	35.746		
6,200.00	6,050.74	6,109.26	6,090.74	32.14	211.55	164.43	1,516.88	-7,066.59	8,479.03	8,238.40	240.64	35.236		
6,300.00	6,148.05	6,188.05	6,188.05	32.67	214.30	164.47	1,516.88	-7,066.59	8,501.25	8,257.39	243.86	34.861		
6,400.00	6,245.37	6,285.37	6,285.37	33.20	217.70	164.51	1,516.88	-7,066.59	8,523.48	8,275.75	247.73	34.406		
6,500.00	6,342.68	6,382.68	6,382.68	33.73	221.10	164.55	1,516.88	-7,066.59	8,545.71	8,294.11	251.60	33.965		
6,520.81	6,362.93	6,402.93	6,402.93	33.85	221.81	164.56	1,516.88	-7,066.59	8,550.33	8,297.93	252.41	33.875		
6,550.00	6,391.46	6,431.46	6,431.46	34.00	222.80	158.12	1,516.88	-7,066.59	8,556.19	8,302.65	253.54	33.747		
6,600.00	6,440.79	6,480.79	6,480.79	34.23	224.52	139.09	1,516.88	-7,066.59	8,563.22	8,307.74	255.48	33.518		
6,650.00	6,490.44	6,530.44	6,530.44	34.43	226.26	103.88	1,516.88	-7,066.59	8,566.44	8,309.02	257.42	33.277		
6,700.00	6,540.10	6,580.10	6,580.10	34.60	227.99	67.78	1,516.88	-7,066.59	8,565.84	8,306.49	259.34	33.029		
6,750.00	6,589.46	6,629.46	6,629.46	34.76	229.71	48.05	1,516.88	-7,066.59	8,561.41	8,300.18	261.23	32.774		
6,800.00	6,638.22	6,678.22	6,678.22	34.92	231.42	38.20	1,516.88	-7,066.59	8,553.19	8,290.12	263.07	32.513		
6,850.00	6,686.09	6,726.09	6,726.09	35.07	233.09	32.80	1,516.88	-7,066.59	8,541.23	8,276.37	264.86	32.248		
6,900.00	6,732.75	6,772.75	6,772.75	35.24	234.71	29.61	1,516.88	-7,066.59	8,525.61	8,259.02	266.59	31.981		
6,950.00	6,777.94	6,817.94	6,817.94	35.42	236.29	27.69	1,516.88	-7,066.59	8,506.41	8,238.17	268.24	31.712		
7,000.00	6,821.36	6,861.36	6,861.36	35.61	237.81	26.59	1,516.88	-7,066.59	8,483.78	8,213.96	269.82	31.442		
7,050.00	6,862.75	6,902.75	6,902.75	35.83	239.25	26.10	1,516.88	-7,066.59	8,457.83	8,186.52	271.31	31.174		
7,100.00	6,901.85	6,941.85	6,941.85	36.06	240.62	26.08	1,516.88	-7,066.59	8,428.75	8,156.04	272.70	30.908		
7,150.00	6,938.43	6,978.43	6,978.43	36.32	241.89	26.51	1,516.88	-7,066.59	8,396.70	8,122.70	274.00	30.645		
7,200.00	6,972.26	7,012.26	7,012.26	36.61	243.08	27.39	1,516.88	-7,066.59	8,361.90	8,086.71	275.19	30.386		
7,250.00	7,003.13	7,043.13	7,043.13	36.93	244.15	28.76	1,516.88	-7,066.59	8,324.54	8,048.28	276.26	30.133		
7,300.00	7,030.85	7,070.85	7,070.85	37.29	245.12	30.72	1,516.88	-7,066.59	8,284.88	8,007.65	277.23	29.885		
7,350.00	7,055.25	7,104.75	7,095.25	37.68	246.30	33.43	1,516.88	-7,066.59	8,243.14	7,964.74	278.40	29.609		
7,400.00	7,076.17	7,116.17	7,116.17	38.12	246.70	37.13	1,516.88	-7,066.59	8,199.59	7,920.80	278.79	29.411		
7,450.00	7,093.50	7,133.50	7,133.50	38.60	247.31	42.22	1,516.88	-7,066.59	8,154.50	7,875.11	279.40	29.186		
7,500.00	7,107.11	7,147.11	7,147.11	39.11	247.78	49.30	1,516.88	-7,066.59	8,108.15	7,828.28	279.87	28.971		
7,550.00	7,116.94	7,156.94	7,156.94	39.66	248.13	59.17	1,516.88	-7,066.59	8,060.82	7,780.60	280.23	28.765		
7,600.00	7,122.91	7,162.91	7,162.91	40.24	248.33	72.60	1,516.88	-7,066.59	8,012.80	7,732.35	280.45	28.571		
7,650.18	7,125.00	7,165.00	7,165.00	40.85	248.41	89.45	1,516.88	-7,066.59	7,964.22	7,683.66	280.56	28.387		
7,700.00	7,125.12	7,165.12	7,165.12	41.48	248.41	89.45	1,516.88	-7,066.59	7,915.89	7,635.29	280.60	28.210		
7,800.00	7,125.36	7,165.36	7,165.36	42.88	248.42	89.46	1,516.88	-7,066.59	7,818.95	7,538.25	280.71	27.855		
7,900.00	7,125.60	7,165.60	7,165.60	44.42	248.43	89.47	1,516.88	-7,066.59	7,722.09	7,441.26	280.83	27.497		
8,000.00	7,125.84	7,165.84	7,165.84	46.10	248.44	89.47	1,516.88	-7,066.59	7,625.31	7,344.33	280.98	27.138		
8,100.00	7,126.08	7,166.08	7,166.08	47.89	248.44	89.48	1,516.88	-7,066.59	7,528.62	7,247.46	281.15	26.778		
8,200.00	7,126.32	7,166.32	7,166.32	49.79	248.45	89.49	1,516.88	-7,066.59	7,432.01	7,150.65	281.35	26.415		
8,300.00	7,126.56	7,166.56	7,166.56	51.79	248.46	89.50	1,516.88	-7,066.59	7,335.49	7,053.91	281.58	26.051		
8,400.00	7,126.80	7,166.80	7,166.80	53.86	248.47	89.50	1,516.88	-7,066.59	7,239.06	6,957.23	281.84	25.685		
8,500.00	7,127.04	7,167.04	7,167.04	56.00	248.48	89.51	1,516.88	-7,066.59	7,142.74	6,860.61	282.12	25.318		
8,600.00	7,127.28	7,167.28	7,167.28	58.21	248.49	89.52	1,516.88	-7,066.59	7,046.51	6,764.07	282.44	24.948		
8,689.38	7,127.49	7,167.49	7,167.49	60.24	248.49	89.52	1,516.88	-7,066.59	6,960.60	6,677.84	282.76	24.617		
8,700.00	7,127.52	7,167.52	7,167.52	60.48	248.49	89.53	1,516.88	-7,066.59	6,950.40	6,667.61	282.80	24.577		
8,800.00	7,127.76	7,167.76	7,167.76	62.79	248.50	89.59	1,516.88	-7,066.59	6,855.02	6,571.81	283.21	24.205		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,167.85	7,167.85	63.74	248.51	89.61	1,516.88	-7,066.59	6,816.20	6,532.80	283.41	24.051		
8,900.00	7,128.00	7,168.00	7,168.00	65.12	248.51	89.62	1,516.88	-7,066.59	6,760.69	6,476.98	283.71	23.830		
9,000.00	7,128.23	7,168.23	7,168.23	67.50	248.52	89.62	1,516.88	-7,066.59	6,666.63	6,382.37	284.26	23.453		
9,100.00	7,128.47	7,168.47	7,168.47	69.91	248.53	89.63	1,516.88	-7,066.59	6,572.74	6,287.88	284.86	23.073		
9,200.00	7,128.71	7,168.71	7,168.71	72.35	248.54	89.63	1,516.88	-7,066.59	6,479.03	6,193.51	285.52	22.692		
9,300.00	7,128.95	7,168.95	7,168.95	74.83	248.54	89.64	1,516.88	-7,066.59	6,385.52	6,099.28	286.23	22.309		
9,400.00	7,129.19	7,169.19	7,169.19	77.33	248.55	89.65	1,516.88	-7,066.59	6,292.20	6,005.20	287.00	21.924		
9,500.00	7,129.43	7,169.43	7,169.43	79.86	248.56	89.65	1,516.88	-7,066.59	6,199.09	5,911.26	287.83	21.537		
9,600.00	7,129.67	7,169.67	7,169.67	82.41	248.57	89.66	1,516.88	-7,066.59	6,106.20	5,817.48	288.72	21.149		
9,700.00	7,129.91	7,169.91	7,169.91	84.97	248.58	89.66	1,516.88	-7,066.59	6,013.54	5,723.87	289.67	20.760		
9,800.00	7,130.15	7,170.15	7,170.15	87.56	248.59	89.67	1,516.88	-7,066.59	5,921.12	5,630.43	290.68	20.370		
9,900.00	7,130.39	7,170.39	7,170.39	90.16	248.59	89.68	1,516.88	-7,066.59	5,828.94	5,537.18	291.77	19.978		
10,000.00	7,130.63	7,170.63	7,170.63	92.78	248.60	89.68	1,516.88	-7,066.59	5,737.03	5,444.12	292.92	19.586		
10,100.00	7,130.87	7,170.87	7,170.87	95.41	248.61	89.69	1,516.88	-7,066.59	5,645.40	5,351.26	294.14	19.193		
10,200.00	7,131.11	7,171.11	7,171.11	98.06	248.62	89.69	1,516.88	-7,066.59	5,554.05	5,258.62	295.43	18.800		
10,300.00	7,131.35	7,171.35	7,171.35	100.71	248.63	89.70	1,516.88	-7,066.59	5,463.01	5,166.21	296.80	18.407		
10,400.00	7,131.59	7,171.59	7,171.59	103.38	248.64	89.71	1,516.88	-7,066.59	5,372.28	5,074.04	298.24	18.013		
10,500.00	7,131.83	7,171.83	7,171.83	106.06	248.65	89.71	1,516.88	-7,066.59	5,281.89	4,982.13	299.76	17.621		
10,600.00	7,132.07	7,172.07	7,172.07	108.74	248.65	89.72	1,516.88	-7,066.59	5,191.85	4,890.49	301.36	17.228		
10,700.00	7,132.31	7,172.31	7,172.31	111.44	248.66	89.72	1,516.88	-7,066.59	5,102.19	4,799.14	303.04	16.836		
10,800.00	7,132.55	7,172.55	7,172.55	114.14	248.67	89.73	1,516.88	-7,066.59	5,012.91	4,708.10	304.81	16.446		
10,900.00	7,132.79	7,172.79	7,172.79	116.85	248.68	89.74	1,516.88	-7,066.59	4,924.05	4,617.37	306.67	16.056		
11,000.00	7,133.03	7,173.03	7,173.03	119.57	248.69	89.74	1,516.88	-7,066.59	4,835.62	4,526.99	308.62	15.668		
11,100.00	7,133.27	7,173.27	7,173.27	122.29	248.70	89.75	1,516.88	-7,066.59	4,747.65	4,436.98	310.67	15.282		
11,200.00	7,133.51	7,173.51	7,173.51	125.02	248.70	89.76	1,516.88	-7,066.59	4,660.16	4,347.35	312.81	14.898		
11,300.00	7,133.74	7,173.74	7,173.74	127.76	248.71	89.76	1,516.88	-7,066.59	4,573.19	4,258.14	315.05	14.516		
11,400.00	7,133.98	7,173.98	7,173.98	130.50	248.72	89.77	1,516.88	-7,066.59	4,486.76	4,169.37	317.40	14.136		
11,500.00	7,134.22	7,174.22	7,174.22	133.24	248.73	89.77	1,516.88	-7,066.59	4,400.91	4,081.06	319.85	13.759		
11,600.00	7,134.46	7,174.46	7,174.46	135.99	248.74	89.78	1,516.88	-7,066.59	4,315.66	3,993.25	322.41	13.386		
11,700.00	7,134.70	7,174.70	7,174.70	138.75	248.75	89.79	1,516.88	-7,066.59	4,231.07	3,905.97	325.09	13.015		
11,800.00	7,134.94	7,174.94	7,174.94	141.51	248.75	89.79	1,516.88	-7,066.59	4,147.15	3,819.26	327.89	12.648		
11,900.00	7,135.18	7,175.18	7,175.18	144.27	248.76	89.80	1,516.88	-7,066.59	4,063.97	3,733.16	330.81	12.285		
12,000.00	7,135.42	7,175.42	7,175.42	147.03	248.77	89.80	1,516.88	-7,066.59	3,981.56	3,647.70	333.86	11.926		
12,100.00	7,135.66	7,175.66	7,175.66	149.80	248.78	89.81	1,516.88	-7,066.59	3,899.97	3,562.93	337.04	11.571		
12,200.00	7,135.90	7,175.90	7,175.90	152.58	248.79	89.82	1,516.88	-7,066.59	3,819.26	3,478.90	340.35	11.221		
12,300.00	7,136.14	7,176.14	7,176.14	155.35	248.80	89.82	1,516.88	-7,066.59	3,739.48	3,395.67	343.81	10.877		
12,400.00	7,136.38	7,176.38	7,176.38	158.13	248.80	89.83	1,516.88	-7,066.59	3,660.69	3,313.29	347.40	10.537		
12,500.00	7,136.62	7,176.62	7,176.62	160.91	248.81	89.83	1,516.88	-7,066.59	3,582.96	3,231.81	351.15	10.204		
12,600.00	7,136.86	7,176.86	7,176.86	163.70	248.82	89.84	1,516.88	-7,066.59	3,506.36	3,151.32	355.04	9.876		
12,700.00	7,137.10	7,177.10	7,177.10	166.48	248.83	89.85	1,516.88	-7,066.59	3,430.97	3,071.88	359.09	9.555		
12,800.00	7,137.34	7,177.34	7,177.34	169.27	248.84	89.85	1,516.88	-7,066.59	3,356.86	2,993.57	363.29	9.240		
12,900.00	7,137.58	7,177.58	7,177.58	172.06	248.85	89.86	1,516.88	-7,066.59	3,284.12	2,916.47	367.65	8.933		
13,000.00	7,137.82	7,177.82	7,177.82	174.86	248.85	89.86	1,516.88	-7,066.59	3,212.85	2,840.69	372.17	8.633		
13,100.00	7,138.06	7,178.06	7,178.06	177.65	248.86	89.87	1,516.88	-7,066.59	3,143.15	2,766.31	376.84	8.341		
13,200.00	7,138.30	7,178.30	7,178.30	180.45	248.87	89.88	1,516.88	-7,066.59	3,075.12	2,693.44	381.67	8.057		
13,300.00	7,138.54	7,178.54	7,178.54	183.25	248.88	89.88	1,516.88	-7,066.59	3,008.87	2,622.21	386.65	7.782		
13,400.00	7,138.78	7,178.78	7,178.78	186.05	248.89	89.89	1,516.88	-7,066.59	2,944.53	2,552.74	391.79	7.516		
13,500.00	7,139.02	7,179.02	7,179.02	188.85	248.90	89.89	1,516.88	-7,066.59	2,882.22	2,485.17	397.06	7.259		
13,600.00	7,139.25	7,179.25	7,179.25	191.65	248.90	89.90	1,516.88	-7,066.59	2,822.09	2,419.63	402.45	7.012		
13,700.00	7,139.49	7,179.49	7,179.49	194.46	248.91	89.91	1,516.88	-7,066.59	2,764.26	2,356.29	407.97	6.776		
13,800.00	7,139.73	7,179.73	7,179.73	197.27	248.92	89.91	1,516.88	-7,066.59	2,708.89	2,295.30	413.59	6.550		
13,900.00	7,139.97	7,179.97	7,179.97	200.08	248.93	89.92	1,516.88	-7,066.59	2,656.13	2,236.85	419.29	6.335		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,140.21	7,180.21	7,180.21	202.89	248.94	89.92	1,516.88	-7,066.59	2,606.15	2,181.11	425.04	6.132		
14,100.00	7,140.45	7,180.45	7,180.45	205.70	248.95	89.93	1,516.88	-7,066.59	2,559.10	2,128.27	430.83	5.940		
14,200.00	7,140.69	7,180.69	7,180.69	208.51	248.95	89.94	1,516.88	-7,066.59	2,515.14	2,078.53	436.61	5.761		
14,300.00	7,140.93	7,180.93	7,180.93	211.32	248.96	89.94	1,516.88	-7,066.59	2,474.45	2,032.09	442.36	5.594		
14,400.00	7,141.17	7,181.17	7,181.17	214.14	248.97	89.95	1,516.88	-7,066.59	2,437.18	1,989.15	448.03	5.440		
14,500.00	7,141.41	7,181.41	7,181.41	216.95	248.98	89.95	1,516.88	-7,066.59	2,403.50	1,949.92	453.58	5.299		
14,600.00	7,141.65	7,181.65	7,181.65	219.77	248.99	89.96	1,516.88	-7,066.59	2,373.55	1,914.58	458.98	5.171		
14,700.00	7,141.89	7,181.89	7,181.89	222.59	249.00	89.97	1,516.88	-7,066.59	2,347.49	1,883.33	464.16	5.057		
14,800.00	7,142.13	7,182.13	7,182.13	225.41	249.00	89.97	1,516.88	-7,066.59	2,325.44	1,856.34	469.10	4.957		
14,900.00	7,142.37	7,182.37	7,182.37	228.23	249.01	89.98	1,516.88	-7,066.59	2,307.52	1,833.78	473.74	4.871		
15,000.00	7,142.61	7,182.61	7,182.61	231.05	249.02	89.98	1,516.88	-7,066.59	2,293.82	1,815.78	478.04	4.798		
15,100.00	7,142.85	7,182.85	7,182.85	233.87	249.03	89.99	1,516.88	-7,066.59	2,284.42	1,802.45	481.97	4.740		
15,200.00	7,143.09	7,183.09	7,183.09	236.69	249.04	90.00	1,516.88	-7,066.59	2,279.37	1,793.88	485.48	4.695		
15,265.21	7,143.24	7,183.24	7,183.24	238.53	249.04	90.00	1,516.88	-7,066.59	2,278.43	1,790.89	487.54	4.673 CC		
15,300.00	7,143.33	7,183.33	7,183.33	239.52	249.05	90.00	1,516.88	-7,066.59	2,278.70	1,790.14	488.56	4.664 ES		
15,400.00	7,143.57	7,183.57	7,183.57	242.34	249.05	90.01	1,516.88	-7,066.59	2,282.42	1,791.23	491.19	4.647		
15,500.00	7,143.81	7,183.81	7,183.81	245.17	249.06	90.01	1,516.88	-7,066.59	2,290.50	1,797.15	493.35	4.643 SF		
15,600.00	7,144.05	7,184.05	7,184.05	247.99	249.07	90.02	1,516.88	-7,066.59	2,302.90	1,807.85	495.05	4.652		
15,700.00	7,144.29	7,184.29	7,184.29	250.82	249.08	90.03	1,516.88	-7,066.59	2,319.55	1,823.27	496.28	4.674		
15,800.00	7,144.53	7,184.53	7,184.53	253.64	249.09	90.03	1,516.88	-7,066.59	2,340.35	1,843.29	497.06	4.708		
15,900.00	7,144.76	7,184.76	7,184.76	256.47	249.10	90.04	1,516.88	-7,066.59	2,365.21	1,867.79	497.42	4.755		
16,000.00	7,145.00	7,185.00	7,185.00	259.30	249.11	90.04	1,516.88	-7,066.59	2,393.99	1,896.62	497.36	4.813		
16,100.00	7,145.24	7,185.24	7,185.24	262.13	249.11	90.05	1,516.88	-7,066.59	2,426.55	1,929.61	496.93	4.883		
16,200.00	7,145.48	7,185.48	7,185.48	264.96	249.12	90.06	1,516.88	-7,066.59	2,462.74	1,966.58	496.16	4.964		
16,300.00	7,145.72	7,185.72	7,185.72	267.79	249.13	90.06	1,516.88	-7,066.59	2,502.41	2,007.33	495.07	5.055		
16,400.00	7,145.96	7,185.96	7,185.96	270.62	249.14	90.07	1,516.88	-7,066.59	2,545.39	2,051.68	493.71	5.156		
16,500.00	7,146.20	7,186.20	7,186.20	273.45	249.15	90.07	1,516.88	-7,066.59	2,591.52	2,099.41	492.10	5.266		
16,600.00	7,146.44	7,186.44	7,186.44	276.28	249.16	90.08	1,516.88	-7,066.59	2,640.63	2,150.34	490.29	5.386		
16,700.00	7,146.68	7,186.68	7,186.68	279.12	249.16	90.09	1,516.88	-7,066.59	2,692.56	2,204.26	488.30	5.514		
16,800.00	7,146.92	7,186.92	7,186.92	281.95	249.17	90.09	1,516.88	-7,066.59	2,747.15	2,260.99	486.16	5.651		
16,900.00	7,147.16	7,187.16	7,187.16	284.78	249.18	90.10	1,516.88	-7,066.59	2,804.24	2,320.34	483.90	5.795		
17,000.00	7,147.40	7,187.40	7,187.40	287.62	249.19	90.10	1,516.88	-7,066.59	2,863.69	2,382.15	481.54	5.947		
17,100.00	7,147.64	7,187.64	7,187.64	290.45	249.20	90.11	1,516.88	-7,066.59	2,925.35	2,446.23	479.12	6.106		
17,200.00	7,147.88	7,187.88	7,187.88	293.28	249.21	90.12	1,516.88	-7,066.59	2,989.09	2,512.45	476.64	6.271		
17,300.00	7,148.12	7,188.12	7,188.12	296.12	249.21	90.12	1,516.88	-7,066.59	3,054.77	2,580.64	474.13	6.443		
17,400.00	7,148.36	7,188.36	7,188.36	298.95	249.22	90.13	1,516.88	-7,066.59	3,122.27	2,650.67	471.60	6.621		
17,500.00	7,148.60	7,188.60	7,188.60	301.79	249.23	90.13	1,516.88	-7,066.59	3,191.47	2,722.41	469.07	6.804		
17,600.00	7,148.84	7,188.84	7,188.84	304.63	249.24	90.14	1,516.88	-7,066.59	3,262.28	2,795.74	466.54	6.993		
17,700.00	7,149.08	7,189.08	7,189.08	307.46	249.25	90.15	1,516.88	-7,066.59	3,334.58	2,870.55	464.03	7.186		
17,800.00	7,149.32	7,189.32	7,189.32	310.30	249.26	90.15	1,516.88	-7,066.59	3,408.28	2,946.74	461.54	7.385		
17,900.00	7,149.56	7,189.56	7,189.56	313.14	249.26	90.16	1,516.88	-7,066.59	3,483.29	3,024.21	459.08	7.587		
18,000.00	7,149.80	7,189.80	7,189.80	315.98	249.27	90.16	1,516.88	-7,066.59	3,559.53	3,102.87	456.67	7.795		
18,100.00	7,150.04	7,190.04	7,190.04	318.81	249.28	90.17	1,516.88	-7,066.59	3,636.93	3,181.94	454.98	7.994		
18,200.00	7,150.27	7,190.27	7,190.27	321.65	249.29	90.18	1,516.88	-7,066.59	3,715.40	3,262.77	452.63	8.208		
18,300.00	7,150.51	7,190.51	7,190.51	324.49	249.30	90.18	1,516.88	-7,066.59	3,794.88	3,344.55	450.33	8.427		
18,400.00	7,150.75	7,190.75	7,190.75	327.33	249.31	90.19	1,516.88	-7,066.59	3,875.32	3,427.24	448.08	8.649		
18,500.00	7,150.99	7,190.99	7,190.99	330.17	249.32	90.19	1,516.88	-7,066.59	3,956.65	3,510.77	445.88	8.874		
18,600.00	7,151.23	7,191.23	7,191.23	333.01	249.33	90.20	1,516.88	-7,066.59	4,038.81	3,595.08	443.73	9.102		
18,700.00	7,151.47	7,191.47	7,191.47	335.85	249.34	90.21	1,516.88	-7,066.59	4,121.77	3,680.13	441.63	9.333		
18,800.00	7,151.71	7,191.71	7,191.71	338.69	249.35	90.21	1,516.88	-7,066.59	4,205.46	3,765.87	439.59	9.567		
18,900.00	7,151.95	7,191.95	7,191.95	341.53	249.36	90.22	1,516.88	-7,066.59	4,289.86	3,852.26	437.60	9.803		
18,920.23	7,152.00	7,192.00	7,192.00	342.10	249.37	90.22	1,516.88	-7,066.59	4,307.01	3,869.81	437.20	9.851		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-76.98	1,323.46	-5,723.51	5,874.53					
100.00	100.00	130.00	130.00	3.28	4.31	-76.98	1,323.46	-5,723.51	5,874.53	5,866.93	7.59	773.716		
200.00	200.00	230.00	230.00	3.34	7.09	-76.98	1,323.46	-5,723.51	5,874.53	5,864.10	10.43	563.483		
300.00	299.98	329.98	329.98	3.44	10.31	163.01	1,323.46	-5,723.51	5,876.20	5,862.44	13.75	427.324		
400.00	399.84	429.84	429.84	3.60	13.66	163.00	1,323.46	-5,723.51	5,881.20	5,863.95	17.26	340.826		
500.00	499.45	529.45	529.45	3.80	17.06	162.98	1,323.46	-5,723.51	5,889.54	5,868.68	20.85	282.410		
600.00	598.70	628.70	628.70	4.04	20.47	162.94	1,323.46	-5,723.51	5,901.20	5,876.69	24.51	240.765		
700.00	697.47	727.47	727.47	4.33	23.88	162.90	1,323.46	-5,723.51	5,916.17	5,887.96	28.20	209.786		
800.00	795.62	825.62	825.62	4.65	27.27	162.84	1,323.46	-5,723.51	5,934.43	5,902.52	31.91	185.963		
865.50	859.53	889.53	889.53	4.89	29.49	162.80	1,323.46	-5,723.51	5,948.17	5,913.82	34.35	173.165		
900.00	893.10	923.10	923.10	5.02	30.66	162.82	1,323.46	-5,723.51	5,955.77	5,920.14	35.63	167.135		
1,000.00	990.42	1,020.42	1,020.42	5.41	34.04	162.89	1,323.46	-5,723.51	5,977.82	5,938.46	39.37	151.855		
1,100.00	1,087.73	1,117.73	1,117.73	5.83	37.42	162.95	1,323.46	-5,723.51	5,999.88	5,956.76	43.12	139.150		
1,200.00	1,185.05	1,215.05	1,215.05	6.27	40.80	163.02	1,323.46	-5,723.51	6,021.94	5,975.05	46.89	128.432		
1,300.00	1,282.36	1,312.36	1,312.36	6.72	44.19	163.08	1,323.46	-5,723.51	6,044.01	5,993.34	50.67	119.276		
1,400.00	1,379.67	1,409.67	1,409.67	7.18	47.58	163.14	1,323.46	-5,723.51	6,066.09	6,011.62	54.47	111.368		
1,500.00	1,476.99	1,506.99	1,506.99	7.65	50.97	163.21	1,323.46	-5,723.51	6,088.18	6,029.90	58.27	104.474		
1,600.00	1,574.30	1,604.30	1,604.30	8.13	54.36	163.27	1,323.46	-5,723.51	6,110.27	6,048.18	62.09	98.412		
1,700.00	1,671.61	1,701.61	1,701.61	8.62	57.75	163.33	1,323.46	-5,723.51	6,132.37	6,066.46	65.91	93.043		
1,800.00	1,768.93	1,801.07	1,798.93	9.11	61.22	163.39	1,323.46	-5,723.51	6,154.48	6,084.67	69.81	88.160		
1,900.00	1,866.24	1,903.76	1,896.24	9.60	64.80	163.45	1,323.46	-5,723.51	6,176.59	6,102.76	73.83	83.661		
2,000.00	1,963.56	2,006.44	1,993.56	10.10	68.38	163.51	1,323.46	-5,723.51	6,198.71	6,120.86	77.85	79.622		
2,100.00	2,060.87	2,109.13	2,090.87	10.61	71.96	163.57	1,323.46	-5,723.51	6,220.83	6,138.96	81.88	75.976		
2,200.00	2,158.18	2,188.18	2,188.18	11.11	74.72	163.63	1,323.46	-5,723.51	6,242.97	6,157.88	85.08	73.374		
2,300.00	2,255.50	2,285.50	2,285.50	11.62	78.11	163.69	1,323.46	-5,723.51	6,265.11	6,176.18	88.93	70.450		
2,400.00	2,352.81	2,382.81	2,382.81	12.13	81.50	163.75	1,323.46	-5,723.51	6,287.25	6,194.47	92.78	67.768		
2,500.00	2,450.13	2,480.13	2,480.13	12.65	84.90	163.81	1,323.46	-5,723.51	6,309.40	6,212.78	96.63	65.297		
2,600.00	2,547.44	2,577.44	2,577.44	13.16	88.29	163.87	1,323.46	-5,723.51	6,331.56	6,231.08	100.48	63.015		
2,700.00	2,644.75	2,674.75	2,674.75	13.68	91.69	163.92	1,323.46	-5,723.51	6,353.72	6,249.39	104.33	60.900		
2,800.00	2,742.07	2,772.07	2,772.07	14.20	95.08	163.98	1,323.46	-5,723.51	6,375.89	6,267.71	108.19	58.935		
2,900.00	2,839.38	2,869.38	2,869.38	14.71	98.48	164.04	1,323.46	-5,723.51	6,398.07	6,286.03	112.04	57.105		
3,000.00	2,936.70	2,966.70	2,966.70	15.23	101.87	164.09	1,323.46	-5,723.51	6,420.25	6,304.35	115.90	55.396		
3,100.00	3,034.01	3,064.01	3,064.01	15.76	105.27	164.15	1,323.46	-5,723.51	6,442.44	6,322.68	119.76	53.796		
3,200.00	3,131.32	3,161.32	3,161.32	16.28	108.67	164.21	1,323.46	-5,723.51	6,464.63	6,341.02	123.61	52.297		
3,300.00	3,228.64	3,258.64	3,258.64	16.80	112.06	164.26	1,323.46	-5,723.51	6,486.83	6,359.36	127.47	50.887		
3,400.00	3,325.95	3,355.95	3,355.95	17.32	115.46	164.32	1,323.46	-5,723.51	6,509.04	6,377.70	131.34	49.560		
3,500.00	3,423.26	3,453.26	3,453.26	17.85	118.85	164.37	1,323.46	-5,723.51	6,531.25	6,396.05	135.20	48.309		
3,600.00	3,520.58	3,550.58	3,550.58	18.37	122.25	164.43	1,323.46	-5,723.51	6,553.46	6,414.40	139.06	47.127		
3,700.00	3,617.89	3,647.89	3,647.89	18.90	125.65	164.48	1,323.46	-5,723.51	6,575.69	6,432.76	142.92	46.009		
3,800.00	3,715.21	3,745.21	3,745.21	19.43	129.04	164.53	1,323.46	-5,723.51	6,597.91	6,451.13	146.78	44.950		
3,900.00	3,812.52	3,842.52	3,842.52	19.95	132.44	164.59	1,323.46	-5,723.51	6,620.15	6,469.50	150.65	43.944		
4,000.00	3,909.83	3,939.83	3,939.83	20.48	135.83	164.64	1,323.46	-5,723.51	6,642.38	6,487.87	154.51	42.989		
4,100.00	4,007.15	4,037.15	4,037.15	21.01	139.23	164.69	1,323.46	-5,723.51	6,664.63	6,506.25	158.38	42.081		
4,200.00	4,104.46	4,134.46	4,134.46	21.53	142.63	164.74	1,323.46	-5,723.51	6,686.88	6,524.63	162.24	41.216		
4,300.00	4,201.78	4,231.78	4,231.78	22.06	146.02	164.79	1,323.46	-5,723.51	6,709.13	6,543.02	166.11	40.390		
4,400.00	4,299.09	4,329.09	4,329.09	22.59	149.42	164.85	1,323.46	-5,723.51	6,731.39	6,561.42	169.97	39.603		
4,500.00	4,396.40	4,426.40	4,426.40	23.12	152.82	164.90	1,323.46	-5,723.51	6,753.65	6,579.81	173.84	38.850		
4,600.00	4,493.72	4,523.72	4,523.72	23.65	156.21	164.95	1,323.46	-5,723.51	6,775.92	6,598.22	177.70	38.130		
4,700.00	4,591.03	4,621.03	4,621.03	24.18	159.61	165.00	1,323.46	-5,723.51	6,798.20	6,616.63	181.57	37.441		
4,800.00	4,688.34	4,718.34	4,718.34	24.71	163.01	165.05	1,323.46	-5,723.51	6,820.48	6,635.04	185.44	36.780		
4,900.00	4,785.66	4,815.66	4,815.66	25.24	166.40	165.10	1,323.46	-5,723.51	6,842.76	6,653.46	189.30	36.147		
5,000.00	4,882.97	4,912.97	4,912.97	25.77	169.80	165.15	1,323.46	-5,723.51	6,865.05	6,671.88	193.17	35.539		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,010.29	5,010.29	26.30	173.20	165.20	1,323.46	-5,723.51	6,887.34	6,690.30	197.04	34.954		
5,200.00	5,077.60	5,107.60	5,107.60	26.83	176.59	165.24	1,323.46	-5,723.51	6,909.64	6,708.74	200.91	34.392		
5,300.00	5,174.91	5,204.91	5,204.91	27.36	179.99	165.29	1,323.46	-5,723.51	6,931.95	6,727.17	204.77	33.852		
5,400.00	5,272.23	5,302.23	5,302.23	27.89	183.38	165.34	1,323.46	-5,723.51	6,954.25	6,745.61	208.64	33.331		
5,500.00	5,369.54	5,400.46	5,399.54	28.42	186.81	165.39	1,323.46	-5,723.51	6,976.57	6,764.02	212.54	32.824		
5,600.00	5,466.86	5,503.14	5,496.86	28.95	190.40	165.44	1,323.46	-5,723.51	6,998.88	6,782.29	216.60	32.313		
5,700.00	5,564.17	5,605.83	5,594.17	29.48	193.98	165.48	1,323.46	-5,723.51	7,021.21	6,800.55	220.65	31.820		
5,800.00	5,661.48	5,708.52	5,691.48	30.01	197.57	165.53	1,323.46	-5,723.51	7,043.53	6,818.82	224.71	31.345		
5,900.00	5,758.80	5,788.80	5,788.80	30.54	200.37	165.58	1,323.46	-5,723.51	7,065.86	6,837.88	227.98	30.993		
6,000.00	5,856.11	5,886.11	5,886.11	31.07	203.77	165.62	1,323.46	-5,723.51	7,088.20	6,856.35	231.85	30.572		
6,100.00	5,953.43	5,983.43	5,983.43	31.61	207.16	165.67	1,323.46	-5,723.51	7,110.54	6,874.82	235.72	30.165		
6,200.00	6,050.74	6,080.74	6,080.74	32.14	210.56	165.71	1,323.46	-5,723.51	7,132.88	6,893.29	239.59	29.771		
6,300.00	6,148.05	6,178.05	6,178.05	32.67	213.96	165.76	1,323.46	-5,723.51	7,155.23	6,911.77	243.46	29.390		
6,400.00	6,245.37	6,275.37	6,275.37	33.20	217.35	165.80	1,323.46	-5,723.51	7,177.58	6,930.25	247.33	29.020		
6,500.00	6,342.68	6,372.68	6,372.68	33.73	220.75	165.85	1,323.46	-5,723.51	7,199.94	6,948.74	251.20	28.662		
6,520.81	6,362.93	6,407.07	6,392.93	33.85	221.95	165.86	1,323.46	-5,723.51	7,204.59	6,952.10	252.50	28.533		
6,550.00	6,391.46	6,421.46	6,421.46	34.00	222.45	159.41	1,323.46	-5,723.51	7,210.48	6,957.35	253.13	28.485		
6,600.00	6,440.79	6,470.79	6,470.79	34.23	224.17	140.37	1,323.46	-5,723.51	7,217.60	6,962.52	255.08	28.295		
6,650.00	6,490.44	6,520.44	6,520.44	34.43	225.91	105.15	1,323.46	-5,723.51	7,220.93	6,963.91	257.02	28.095		
6,700.00	6,540.10	6,570.10	6,570.10	34.60	227.64	69.06	1,323.46	-5,723.51	7,220.46	6,961.52	258.94	27.885		
6,750.00	6,589.46	6,619.46	6,619.46	34.76	229.36	49.34	1,323.46	-5,723.51	7,216.18	6,955.35	260.83	27.667		
6,800.00	6,638.22	6,668.22	6,668.22	34.92	231.07	39.52	1,323.46	-5,723.51	7,208.13	6,945.46	262.67	27.442		
6,850.00	6,686.09	6,716.09	6,716.09	35.07	232.74	34.15	1,323.46	-5,723.51	7,196.35	6,931.90	264.46	27.212		
6,900.00	6,732.75	6,762.75	6,762.75	35.24	234.37	31.00	1,323.46	-5,723.51	7,180.94	6,914.75	266.18	26.977		
6,950.00	6,777.94	6,807.94	6,807.94	35.42	235.94	29.14	1,323.46	-5,723.51	7,161.97	6,894.13	267.84	26.740		
7,000.00	6,821.36	6,851.36	6,851.36	35.61	237.46	28.11	1,323.46	-5,723.51	7,139.58	6,870.16	269.42	26.500		
7,050.00	6,862.75	6,907.25	6,892.75	35.83	239.41	27.69	1,323.46	-5,723.51	7,113.90	6,842.48	271.42	26.210		
7,100.00	6,901.85	6,931.85	6,931.85	36.06	240.27	27.78	1,323.46	-5,723.51	7,085.09	6,812.79	272.31	26.019		
7,150.00	6,938.43	6,968.43	6,968.43	36.32	241.55	28.32	1,323.46	-5,723.51	7,053.34	6,779.74	273.60	25.780		
7,200.00	6,972.26	7,002.26	7,002.26	36.61	242.73	29.34	1,323.46	-5,723.51	7,018.84	6,744.05	274.79	25.542		
7,250.00	7,003.13	7,033.13	7,033.13	36.93	243.80	30.87	1,323.46	-5,723.51	6,981.82	6,705.94	275.87	25.308		
7,300.00	7,030.85	7,060.85	7,060.85	37.29	244.77	33.01	1,323.46	-5,723.51	6,942.49	6,665.65	276.84	25.078		
7,350.00	7,055.25	7,085.25	7,085.25	37.68	245.62	35.92	1,323.46	-5,723.51	6,901.10	6,623.41	277.69	24.852		
7,400.00	7,076.17	7,106.17	7,106.17	38.12	246.35	39.84	1,323.46	-5,723.51	6,857.91	6,579.50	278.42	24.632		
7,450.00	7,093.50	7,123.50	7,123.50	38.60	246.96	45.12	1,323.46	-5,723.51	6,813.19	6,534.17	279.02	24.418		
7,500.00	7,107.11	7,137.11	7,137.11	39.11	247.43	52.27	1,323.46	-5,723.51	6,767.21	6,487.71	279.51	24.211		
7,550.00	7,116.94	7,146.94	7,146.94	39.66	247.78	61.87	1,323.46	-5,723.51	6,720.26	6,440.39	279.87	24.012		
7,600.00	7,122.91	7,152.91	7,152.91	40.24	247.98	74.39	1,323.46	-5,723.51	6,672.63	6,392.52	280.11	23.822		
7,650.18	7,125.00	7,155.00	7,155.00	40.85	248.06	89.51	1,323.46	-5,723.51	6,624.43	6,344.20	280.23	23.640		
7,700.00	7,125.12	7,155.12	7,155.12	41.48	248.06	89.52	1,323.46	-5,723.51	6,576.48	6,296.20	280.28	23.464		
7,800.00	7,125.36	7,155.36	7,155.36	42.88	248.07	89.52	1,323.46	-5,723.51	6,480.34	6,199.93	280.42	23.110		
7,900.00	7,125.60	7,155.60	7,155.60	44.42	248.08	89.53	1,323.46	-5,723.51	6,384.32	6,103.74	280.58	22.754		
8,000.00	7,125.84	7,155.84	7,155.84	46.10	248.09	89.54	1,323.46	-5,723.51	6,288.42	6,007.65	280.77	22.397		
8,100.00	7,126.08	7,156.08	7,156.08	47.89	248.10	89.55	1,323.46	-5,723.51	6,192.65	5,911.65	281.00	22.038		
8,200.00	7,126.32	7,156.32	7,156.32	49.79	248.10	89.55	1,323.46	-5,723.51	6,097.02	5,815.76	281.26	21.677		
8,300.00	7,126.56	7,156.56	7,156.56	51.79	248.11	89.56	1,323.46	-5,723.51	6,001.53	5,719.96	281.56	21.315		
8,400.00	7,126.80	7,156.80	7,156.80	53.86	248.12	89.57	1,323.46	-5,723.51	5,906.19	5,624.28	281.91	20.951		
8,500.00	7,127.04	7,157.04	7,157.04	56.00	248.13	89.58	1,323.46	-5,723.51	5,811.00	5,528.71	282.29	20.585		
8,600.00	7,127.28	7,157.28	7,157.28	58.21	248.14	89.58	1,323.46	-5,723.51	5,715.98	5,433.26	282.72	20.218		
8,689.38	7,127.49	7,157.49	7,157.49	60.24	248.14	89.59	1,323.46	-5,723.51	5,631.19	5,348.05	283.14	19.888		
8,700.00	7,127.52	7,157.52	7,157.52	60.48	248.15	89.60	1,323.46	-5,723.51	5,621.14	5,337.94	283.19	19.849		
8,800.00	7,127.76	7,157.76	7,157.76	62.79	248.15	89.65	1,323.46	-5,723.51	5,527.19	5,243.44	283.75	19.479		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,157.85	7,157.85	63.74	248.16	89.66	1,323.46	-5,723.51	5,489.02	5,205.01	284.01	19.327		
8,900.00	7,128.00	7,158.00	7,158.00	65.12	248.16	89.67	1,323.46	-5,723.51	5,434.50	5,150.09	284.41	19.108		
9,000.00	7,128.23	7,158.23	7,158.23	67.50	248.17	89.67	1,323.46	-5,723.51	5,342.19	5,057.04	285.15	18.735		
9,100.00	7,128.47	7,158.47	7,158.47	69.91	248.18	89.68	1,323.46	-5,723.51	5,250.16	4,964.20	285.96	18.360		
9,200.00	7,128.71	7,158.71	7,158.71	72.35	248.19	89.69	1,323.46	-5,723.51	5,158.42	4,871.58	286.84	17.984		
9,300.00	7,128.95	7,158.95	7,158.95	74.83	248.20	89.69	1,323.46	-5,723.51	5,067.00	4,779.20	287.80	17.606		
9,400.00	7,129.19	7,159.19	7,159.19	77.33	248.20	89.70	1,323.46	-5,723.51	4,975.91	4,687.07	288.84	17.227		
9,500.00	7,129.43	7,159.43	7,159.43	79.86	248.21	89.71	1,323.46	-5,723.51	4,885.17	4,595.21	289.97	16.847		
9,600.00	7,129.67	7,159.67	7,159.67	82.41	248.22	89.71	1,323.46	-5,723.51	4,794.80	4,503.62	291.18	16.467		
9,700.00	7,129.91	7,159.91	7,159.91	84.97	248.23	89.72	1,323.46	-5,723.51	4,704.81	4,412.34	292.48	16.086		
9,800.00	7,130.15	7,160.15	7,160.15	87.56	248.24	89.73	1,323.46	-5,723.51	4,615.24	4,321.37	293.87	15.705		
9,900.00	7,130.39	7,160.39	7,160.39	90.16	248.25	89.73	1,323.46	-5,723.51	4,526.11	4,230.75	295.36	15.324		
10,000.00	7,130.63	7,160.63	7,160.63	92.78	248.25	89.74	1,323.46	-5,723.51	4,437.44	4,140.49	296.94	14.944		
10,100.00	7,130.87	7,160.87	7,160.87	95.41	248.26	89.75	1,323.46	-5,723.51	4,349.26	4,050.62	298.63	14.564		
10,200.00	7,131.11	7,161.11	7,161.11	98.06	248.27	89.75	1,323.46	-5,723.51	4,261.60	3,961.17	300.43	14.185		
10,300.00	7,131.35	7,161.35	7,161.35	100.71	248.28	89.76	1,323.46	-5,723.51	4,174.49	3,872.16	302.34	13.807		
10,400.00	7,131.59	7,161.59	7,161.59	103.38	248.29	89.77	1,323.46	-5,723.51	4,087.98	3,783.62	304.36	13.432		
10,500.00	7,131.83	7,161.83	7,161.83	106.06	248.30	89.77	1,323.46	-5,723.51	4,002.10	3,695.60	306.49	13.058		
10,600.00	7,132.07	7,162.07	7,162.07	108.74	248.30	89.78	1,323.46	-5,723.51	3,916.88	3,608.13	308.75	12.686		
10,700.00	7,132.31	7,162.31	7,162.31	111.44	248.31	89.79	1,323.46	-5,723.51	3,832.38	3,521.25	311.14	12.317		
10,800.00	7,132.55	7,162.55	7,162.55	114.14	248.32	89.79	1,323.46	-5,723.51	3,748.64	3,434.99	313.65	11.952		
10,900.00	7,132.79	7,162.79	7,162.79	116.85	248.33	89.80	1,323.46	-5,723.51	3,665.72	3,349.42	316.30	11.589		
11,000.00	7,133.03	7,163.03	7,163.03	119.57	248.34	89.81	1,323.46	-5,723.51	3,583.67	3,264.58	319.09	11.231		
11,100.00	7,133.27	7,163.27	7,163.27	122.29	248.35	89.81	1,323.46	-5,723.51	3,502.55	3,180.53	322.02	10.877		
11,200.00	7,133.51	7,163.51	7,163.51	125.02	248.35	89.82	1,323.46	-5,723.51	3,422.44	3,097.33	325.11	10.527		
11,300.00	7,133.74	7,163.74	7,163.74	127.76	248.36	89.83	1,323.46	-5,723.51	3,343.39	3,015.05	328.34	10.183		
11,400.00	7,133.98	7,163.98	7,163.98	130.50	248.37	89.83	1,323.46	-5,723.51	3,265.49	2,933.76	331.73	9.844		
11,500.00	7,134.22	7,164.22	7,164.22	133.24	248.38	89.84	1,323.46	-5,723.51	3,188.83	2,853.54	335.29	9.511		
11,600.00	7,134.46	7,164.46	7,164.46	135.99	248.39	89.85	1,323.46	-5,723.51	3,113.49	2,774.48	339.01	9.184		
11,700.00	7,134.70	7,164.70	7,164.70	138.75	248.40	89.85	1,323.46	-5,723.51	3,039.57	2,696.68	342.90	8.864		
11,800.00	7,134.94	7,164.94	7,164.94	141.51	248.40	89.86	1,323.46	-5,723.51	2,967.19	2,620.23	346.96	8.552		
11,900.00	7,135.18	7,165.18	7,165.18	144.27	248.41	89.87	1,323.46	-5,723.51	2,896.44	2,545.26	351.18	8.248		
12,000.00	7,135.42	7,165.42	7,165.42	147.03	248.42	89.87	1,323.46	-5,723.51	2,827.47	2,471.88	355.58	7.952		
12,100.00	7,135.66	7,165.66	7,165.66	149.80	248.43	89.88	1,323.46	-5,723.51	2,760.39	2,400.24	360.15	7.665		
12,200.00	7,135.90	7,165.90	7,165.90	152.58	248.44	89.89	1,323.46	-5,723.51	2,695.35	2,330.47	364.88	7.387		
12,300.00	7,136.14	7,166.14	7,166.14	155.35	248.45	89.89	1,323.46	-5,723.51	2,632.51	2,262.74	369.77	7.119		
12,400.00	7,136.38	7,166.38	7,166.38	158.13	248.45	89.90	1,323.46	-5,723.51	2,572.02	2,197.22	374.80	6.862		
12,500.00	7,136.62	7,166.62	7,166.62	160.91	248.46	89.91	1,323.46	-5,723.51	2,514.06	2,134.09	379.96	6.617		
12,600.00	7,136.86	7,166.86	7,166.86	163.70	248.47	89.91	1,323.46	-5,723.51	2,458.79	2,073.55	385.24	6.382		
12,700.00	7,137.10	7,167.10	7,167.10	166.48	248.48	89.92	1,323.46	-5,723.51	2,406.42	2,015.80	390.62	6.161		
12,800.00	7,137.34	7,167.34	7,167.34	169.27	248.49	89.93	1,323.46	-5,723.51	2,357.12	1,961.07	396.06	5.951		
12,900.00	7,137.58	7,167.58	7,167.58	172.06	248.50	89.93	1,323.46	-5,723.51	2,311.11	1,909.57	401.53	5.756		
13,000.00	7,137.82	7,167.82	7,167.82	174.86	248.51	89.94	1,323.46	-5,723.51	2,268.57	1,861.56	407.01	5.574		
13,100.00	7,138.06	7,168.06	7,168.06	177.65	248.51	89.95	1,323.46	-5,723.51	2,229.71	1,817.27	412.44	5.406		
13,200.00	7,138.30	7,168.30	7,168.30	180.45	248.52	89.95	1,323.46	-5,723.51	2,194.71	1,776.93	417.78	5.253		
13,300.00	7,138.54	7,168.54	7,168.54	183.25	248.53	89.96	1,323.46	-5,723.51	2,163.78	1,740.79	422.99	5.115		
13,400.00	7,138.78	7,168.78	7,168.78	186.05	248.54	89.97	1,323.46	-5,723.51	2,137.09	1,709.08	428.01	4.993		
13,500.00	7,139.02	7,169.02	7,169.02	188.85	248.55	89.97	1,323.46	-5,723.51	2,114.79	1,682.00	432.79	4.886		
13,600.00	7,139.25	7,169.25	7,169.25	191.65	248.56	89.98	1,323.46	-5,723.51	2,097.02	1,659.74	437.28	4.796		
13,700.00	7,139.49	7,169.49	7,169.49	194.46	248.56	89.99	1,323.46	-5,723.51	2,083.91	1,642.48	441.43	4.721		
13,800.00	7,139.73	7,169.73	7,169.73	197.27	248.57	89.99	1,323.46	-5,723.51	2,075.54	1,630.34	445.20	4.662		
13,900.00	7,139.97	7,169.97	7,169.97	200.08	248.58	90.00	1,323.46	-5,723.51	2,071.97	1,623.42	448.55	4.619		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,924.09	7,140.03	7,170.03	7,170.03	200.75	248.58	90.00	1,323.46	-5,723.51	2,071.83	1,622.54	449.29	4.611	CC	
14,000.00	7,140.21	7,170.21	7,170.21	202.89	248.59	90.01	1,323.46	-5,723.51	2,073.22	1,621.77	451.45	4.592	ES	
14,100.00	7,140.45	7,170.45	7,170.45	205.70	248.60	90.01	1,323.46	-5,723.51	2,079.28	1,625.39	453.89	4.581	SF	
14,200.00	7,140.69	7,170.69	7,170.69	208.51	248.61	90.02	1,323.46	-5,723.51	2,090.12	1,634.27	455.85	4.585		
14,300.00	7,140.93	7,170.93	7,170.93	211.32	248.61	90.02	1,323.46	-5,723.51	2,105.66	1,648.31	457.34	4.604		
14,400.00	7,141.17	7,171.17	7,171.17	214.14	248.62	90.03	1,323.46	-5,723.51	2,125.79	1,667.42	458.37	4.638		
14,500.00	7,141.41	7,171.41	7,171.41	216.95	248.63	90.04	1,323.46	-5,723.51	2,150.38	1,691.43	458.95	4.685		
14,600.00	7,141.65	7,171.65	7,171.65	219.77	248.64	90.04	1,323.46	-5,723.51	2,179.30	1,720.18	459.11	4.747		
14,700.00	7,141.89	7,171.89	7,171.89	222.59	248.65	90.05	1,323.46	-5,723.51	2,212.35	1,753.47	458.89	4.821		
14,800.00	7,142.13	7,172.13	7,172.13	225.41	248.66	90.06	1,323.46	-5,723.51	2,249.38	1,791.07	458.31	4.908		
14,900.00	7,142.37	7,172.37	7,172.37	228.23	248.66	90.06	1,323.46	-5,723.51	2,290.17	1,832.75	457.42	5.007		
15,000.00	7,142.61	7,172.61	7,172.61	231.05	248.67	90.07	1,323.46	-5,723.51	2,334.54	1,878.29	456.24	5.117		
15,100.00	7,142.85	7,172.85	7,172.85	233.87	248.68	90.08	1,323.46	-5,723.51	2,382.28	1,927.44	454.84	5.238		
15,200.00	7,143.09	7,173.09	7,173.09	236.69	248.69	90.08	1,323.46	-5,723.51	2,433.19	1,979.97	453.22	5.369		
15,300.00	7,143.33	7,173.33	7,173.33	239.52	248.70	90.09	1,323.46	-5,723.51	2,487.09	2,035.64	451.44	5.509		
15,400.00	7,143.57	7,173.57	7,173.57	242.34	248.71	90.10	1,323.46	-5,723.51	2,543.77	2,094.25	449.53	5.659		
15,500.00	7,143.81	7,173.81	7,173.81	245.17	248.71	90.10	1,323.46	-5,723.51	2,603.07	2,155.57	447.50	5.817		
15,600.00	7,144.05	7,174.05	7,174.05	247.99	248.72	90.11	1,323.46	-5,723.51	2,664.80	2,219.40	445.40	5.983		
15,700.00	7,144.29	7,174.29	7,174.29	250.82	248.73	90.12	1,323.46	-5,723.51	2,728.80	2,285.56	443.23	6.157		
15,800.00	7,144.53	7,174.53	7,174.53	253.64	248.74	90.12	1,323.46	-5,723.51	2,794.91	2,353.88	441.03	6.337		
15,900.00	7,144.76	7,174.76	7,174.76	256.47	248.75	90.13	1,323.46	-5,723.51	2,862.99	2,424.18	438.80	6.525		
16,000.00	7,145.00	7,175.00	7,175.00	259.30	248.76	90.14	1,323.46	-5,723.51	2,932.89	2,496.33	436.57	6.718		
16,100.00	7,145.24	7,175.24	7,175.24	262.13	248.76	90.14	1,323.46	-5,723.51	3,004.50	2,570.16	434.34	6.917		
16,200.00	7,145.48	7,175.48	7,175.48	264.96	248.77	90.15	1,323.46	-5,723.51	3,077.70	2,645.57	432.13	7.122		
16,300.00	7,145.72	7,175.72	7,175.72	267.79	248.78	90.16	1,323.46	-5,723.51	3,152.37	2,722.43	429.94	7.332		
16,400.00	7,145.96	7,175.96	7,175.96	270.62	248.79	90.16	1,323.46	-5,723.51	3,228.40	2,800.62	427.78	7.547		
16,500.00	7,146.20	7,176.20	7,176.20	273.45	248.80	90.17	1,323.46	-5,723.51	3,305.72	2,880.06	425.66	7.766		
16,600.00	7,146.44	7,176.44	7,176.44	276.28	248.81	90.18	1,323.46	-5,723.51	3,384.22	2,960.64	423.58	7.990		
16,700.00	7,146.68	7,176.68	7,176.68	279.12	248.81	90.18	1,323.46	-5,723.51	3,463.83	3,042.28	421.55	8.217		
16,800.00	7,146.92	7,176.92	7,176.92	281.95	248.82	90.19	1,323.46	-5,723.51	3,544.48	3,124.92	419.56	8.448		
16,900.00	7,147.16	7,177.16	7,177.16	284.78	248.83	90.20	1,323.46	-5,723.51	3,626.08	3,208.46	417.62	8.683		
17,000.00	7,147.40	7,177.40	7,177.40	287.62	248.84	90.20	1,323.46	-5,723.51	3,708.59	3,292.86	415.73	8.921		
17,100.00	7,147.64	7,177.64	7,177.64	290.45	248.85	90.21	1,323.46	-5,723.51	3,791.94	3,378.05	413.89	9.162		
17,200.00	7,147.88	7,177.88	7,177.88	293.28	248.86	90.22	1,323.46	-5,723.51	3,876.08	3,463.98	412.10	9.406		
17,300.00	7,148.12	7,178.12	7,178.12	296.12	248.86	90.22	1,323.46	-5,723.51	3,960.96	3,550.60	410.36	9.652		
17,400.00	7,148.36	7,178.36	7,178.36	298.95	248.87	90.23	1,323.46	-5,723.51	4,046.53	3,637.85	408.67	9.902		
17,500.00	7,148.60	7,178.60	7,178.60	301.79	248.88	90.24	1,323.46	-5,723.51	4,132.74	3,725.71	407.03	10.153		
17,600.00	7,148.84	7,178.84	7,178.84	304.63	248.89	90.24	1,323.46	-5,723.51	4,219.57	3,814.12	405.44	10.407		
17,700.00	7,149.08	7,179.08	7,179.08	307.46	248.90	90.25	1,323.46	-5,723.51	4,306.96	3,903.06	403.90	10.663		
17,800.00	7,149.32	7,179.32	7,179.32	310.30	248.91	90.26	1,323.46	-5,723.51	4,394.89	3,992.49	402.40	10.922		
17,900.00	7,149.56	7,179.56	7,179.56	313.14	248.91	90.26	1,323.46	-5,723.51	4,483.33	4,082.38	400.95	11.182		
18,000.00	7,149.80	7,179.80	7,179.80	315.98	248.92	90.27	1,323.46	-5,723.51	4,572.25	4,172.70	399.55	11.444		
18,100.00	7,150.04	7,180.04	7,180.04	318.81	248.93	90.28	1,323.46	-5,723.51	4,661.61	4,263.43	398.18	11.707		
18,200.00	7,150.27	7,180.27	7,180.27	321.65	248.94	90.28	1,323.46	-5,723.51	4,751.40	4,354.54	396.86	11.972		
18,300.00	7,150.51	7,180.51	7,180.51	324.49	248.95	90.29	1,323.46	-5,723.51	4,841.59	4,446.01	395.58	12.239		
18,400.00	7,150.75	7,180.75	7,180.75	327.33	248.96	90.30	1,323.46	-5,723.51	4,932.16	4,537.82	394.34	12.507		
18,500.00	7,150.99	7,180.99	7,180.99	330.17	248.97	90.30	1,323.46	-5,723.51	5,023.08	4,629.95	393.13	12.777		
18,600.00	7,151.23	7,181.23	7,181.23	333.01	248.97	90.31	1,323.46	-5,723.51	5,114.34	4,722.38	391.96	13.048		
18,700.00	7,151.47	7,181.47	7,181.47	335.85	248.98	90.32	1,323.46	-5,723.51	5,205.93	4,815.10	390.83	13.320		
18,800.00	7,151.71	7,181.71	7,181.71	338.69	248.99	90.32	1,323.46	-5,723.51	5,297.82	4,908.08	389.73	13.593		
18,900.00	7,151.95	7,181.95	7,181.95	341.53	249.00	90.33	1,323.46	-5,723.51	5,390.00	5,001.33	388.67	13.868		
18,920.23	7,152.00	7,182.00	7,182.00	342.10	249.00	90.33	1,323.46	-5,723.51	5,408.68	5,020.22	388.46	13.923		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-88.45	118.41	-4,371.40	4,373.01					
100.00	100.00	123.00	123.00	3.28	4.15	-88.45	118.41	-4,371.40	4,373.01	4,365.57	7.44	587.899		
200.00	200.00	223.00	223.00	3.34	6.87	-88.45	118.41	-4,371.40	4,373.01	4,362.80	10.21	428.320		
300.00	299.98	322.98	322.98	3.44	10.08	151.55	118.41	-4,371.40	4,374.54	4,361.02	13.52	323.568		
400.00	399.84	422.84	422.84	3.60	13.42	151.54	118.41	-4,371.40	4,379.14	4,362.12	17.02	257.321		
500.00	499.45	522.45	522.45	3.80	16.82	151.52	118.41	-4,371.40	4,386.81	4,366.20	20.61	212.805		
600.00	598.70	621.70	621.70	4.04	20.23	151.49	118.41	-4,371.40	4,397.54	4,373.27	24.27	181.201		
700.00	697.47	720.47	720.47	4.33	23.63	151.45	118.41	-4,371.40	4,411.32	4,383.36	27.96	157.771		
800.00	795.62	818.62	818.62	4.65	27.03	151.41	118.41	-4,371.40	4,428.15	4,396.47	31.67	139.805		
865.50	859.53	882.53	882.53	4.89	29.25	151.37	118.41	-4,371.40	4,440.82	4,406.70	34.11	130.175		
900.00	893.10	916.10	916.10	5.02	30.41	151.42	118.41	-4,371.40	4,447.83	4,412.43	35.40	125.642		
1,000.00	990.42	1,013.42	1,013.42	5.41	33.79	151.56	118.41	-4,371.40	4,468.19	4,429.05	39.14	114.161		
1,100.00	1,087.73	1,110.73	1,110.73	5.83	37.18	151.70	118.41	-4,371.40	4,488.57	4,445.67	42.90	104.628		
1,200.00	1,185.05	1,208.05	1,208.05	6.27	40.56	151.84	118.41	-4,371.40	4,508.97	4,462.29	46.68	96.595		
1,300.00	1,282.36	1,305.36	1,305.36	6.72	43.95	151.98	118.41	-4,371.40	4,529.40	4,478.93	50.47	89.740		
1,400.00	1,379.67	1,402.67	1,402.67	7.18	47.34	152.11	118.41	-4,371.40	4,549.86	4,495.58	54.28	83.826		
1,500.00	1,476.99	1,500.01	1,499.99	7.65	50.73	152.25	118.41	-4,371.40	4,570.34	4,512.24	58.09	78.672		
1,600.00	1,574.30	1,602.70	1,597.30	8.13	54.30	152.38	118.41	-4,371.40	4,590.84	4,528.73	62.10	73.922		
1,700.00	1,671.61	1,705.39	1,694.61	8.62	57.88	152.51	118.41	-4,371.40	4,611.37	4,545.24	66.12	69.741		
1,800.00	1,768.93	1,808.07	1,791.93	9.11	61.46	152.64	118.41	-4,371.40	4,631.92	4,561.77	70.14	66.035		
1,900.00	1,866.24	1,889.24	1,889.24	9.60	64.29	152.77	118.41	-4,371.40	4,652.49	4,579.07	73.42	63.367		
2,000.00	1,963.56	1,986.56	1,986.56	10.10	67.68	152.90	118.41	-4,371.40	4,673.09	4,595.82	77.27	60.481		
2,100.00	2,060.87	2,083.87	2,083.87	10.61	71.08	153.03	118.41	-4,371.40	4,693.71	4,612.59	81.11	57.866		
2,200.00	2,158.18	2,181.18	2,181.18	11.11	74.47	153.15	118.41	-4,371.40	4,714.35	4,629.38	84.96	55.486		
2,300.00	2,255.50	2,278.50	2,278.50	11.62	77.87	153.28	118.41	-4,371.40	4,735.01	4,646.19	88.82	53.312		
2,400.00	2,352.81	2,375.81	2,375.81	12.13	81.26	153.40	118.41	-4,371.40	4,755.70	4,663.02	92.67	51.317		
2,500.00	2,450.13	2,473.13	2,473.13	12.65	84.66	153.53	118.41	-4,371.40	4,776.40	4,679.87	96.53	49.480		
2,600.00	2,547.44	2,570.44	2,570.44	13.16	88.05	153.65	118.41	-4,371.40	4,797.13	4,696.74	100.39	47.785		
2,700.00	2,644.75	2,667.75	2,667.75	13.68	91.44	153.77	118.41	-4,371.40	4,817.88	4,713.63	104.25	46.214		
2,800.00	2,742.07	2,765.07	2,765.07	14.20	94.84	153.89	118.41	-4,371.40	4,838.65	4,730.53	108.11	44.755		
2,900.00	2,839.38	2,862.38	2,862.38	14.71	98.24	154.01	118.41	-4,371.40	4,859.44	4,747.46	111.98	43.397		
3,000.00	2,936.70	2,959.70	2,959.70	15.23	101.63	154.12	118.41	-4,371.40	4,880.25	4,764.40	115.84	42.129		
3,100.00	3,034.01	3,057.01	3,057.01	15.76	105.03	154.24	118.41	-4,371.40	4,901.08	4,781.37	119.71	40.942		
3,200.00	3,131.32	3,154.32	3,154.32	16.28	108.42	154.36	118.41	-4,371.40	4,921.92	4,798.35	123.57	39.830		
3,300.00	3,228.64	3,251.64	3,251.64	16.80	111.82	154.47	118.41	-4,371.40	4,942.79	4,815.35	127.44	38.785		
3,400.00	3,325.95	3,348.95	3,348.95	17.32	115.21	154.59	118.41	-4,371.40	4,963.68	4,832.37	131.31	37.802		
3,500.00	3,423.26	3,446.26	3,446.26	17.85	118.61	154.70	118.41	-4,371.40	4,984.58	4,849.41	135.18	36.875		
3,600.00	3,520.58	3,543.58	3,543.58	18.37	122.01	154.81	118.41	-4,371.40	5,005.51	4,866.46	139.04	35.999		
3,700.00	3,617.89	3,640.89	3,640.89	18.90	125.40	154.92	118.41	-4,371.40	5,026.45	4,883.54	142.91	35.171		
3,800.00	3,715.21	3,738.21	3,738.21	19.43	128.80	155.03	118.41	-4,371.40	5,047.41	4,900.63	146.78	34.387		
3,900.00	3,812.52	3,835.52	3,835.52	19.95	132.19	155.14	118.41	-4,371.40	5,068.39	4,917.74	150.65	33.643		
4,000.00	3,909.83	3,932.83	3,932.83	20.48	135.59	155.25	118.41	-4,371.40	5,089.39	4,934.86	154.52	32.936		
4,100.00	4,007.15	4,030.15	4,030.15	21.01	138.99	155.36	118.41	-4,371.40	5,110.40	4,952.01	158.39	32.264		
4,200.00	4,104.46	4,127.46	4,127.46	21.53	142.38	155.46	118.41	-4,371.40	5,131.43	4,969.17	162.26	31.624		
4,300.00	4,201.78	4,224.78	4,224.78	22.06	145.78	155.57	118.41	-4,371.40	5,152.48	4,986.34	166.14	31.014		
4,400.00	4,299.09	4,322.09	4,322.09	22.59	149.17	155.68	118.41	-4,371.40	5,173.54	5,003.54	170.01	30.431		
4,500.00	4,396.40	4,419.40	4,419.40	23.12	152.57	155.78	118.41	-4,371.40	5,194.63	5,020.75	173.88	29.875		
4,600.00	4,493.72	4,516.72	4,516.72	23.65	155.97	155.88	118.41	-4,371.40	5,215.72	5,037.97	177.75	29.343		
4,700.00	4,591.03	4,614.03	4,614.03	24.18	159.36	155.99	118.41	-4,371.40	5,236.84	5,055.22	181.62	28.834		
4,800.00	4,688.34	4,711.34	4,711.34	24.71	162.76	156.09	118.41	-4,371.40	5,257.97	5,072.47	185.49	28.346		
4,900.00	4,785.66	4,808.66	4,808.66	25.24	166.16	156.19	118.41	-4,371.40	5,279.11	5,089.75	189.37	27.878		
5,000.00	4,882.97	4,905.97	4,905.97	25.77	169.55	156.29	118.41	-4,371.40	5,300.28	5,107.04	193.24	27.429		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,003.29	5,003.29	26.30	172.95	156.39	118.41	-4,371.40	5,321.45	5,124.34	197.11	26.997		
5,200.00	5,077.60	5,100.60	5,100.60	26.83	176.35	156.49	118.41	-4,371.40	5,342.65	5,141.66	200.98	26.582		
5,300.00	5,174.91	5,202.09	5,197.91	27.36	179.89	156.58	118.41	-4,371.40	5,363.85	5,158.85	205.00	26.165		
5,400.00	5,272.23	5,304.77	5,295.23	27.89	183.47	156.68	118.41	-4,371.40	5,385.07	5,176.01	209.06	25.758		
5,500.00	5,369.54	5,407.46	5,392.54	28.42	187.06	156.78	118.41	-4,371.40	5,406.31	5,193.19	213.12	25.367		
5,600.00	5,466.86	5,489.86	5,489.86	28.95	189.93	156.87	118.41	-4,371.40	5,427.56	5,211.09	216.47	25.073		
5,700.00	5,564.17	5,587.17	5,587.17	29.48	193.33	156.97	118.41	-4,371.40	5,448.83	5,228.48	220.35	24.728		
5,800.00	5,661.48	5,684.48	5,684.48	30.01	196.73	157.06	118.41	-4,371.40	5,470.11	5,245.89	224.22	24.396		
5,900.00	5,758.80	5,781.80	5,781.80	30.54	200.12	157.15	118.41	-4,371.40	5,491.40	5,263.31	228.09	24.075		
6,000.00	5,856.11	5,879.11	5,879.11	31.07	203.52	157.25	118.41	-4,371.40	5,512.71	5,280.75	231.97	23.765		
6,100.00	5,953.43	5,976.43	5,976.43	31.61	206.92	157.34	118.41	-4,371.40	5,534.03	5,298.19	235.84	23.465		
6,200.00	6,050.74	6,073.74	6,073.74	32.14	210.31	157.43	118.41	-4,371.40	5,555.37	5,315.66	239.71	23.175		
6,300.00	6,148.05	6,171.05	6,171.05	32.67	213.71	157.52	118.41	-4,371.40	5,576.72	5,333.13	243.59	22.894		
6,400.00	6,245.37	6,268.37	6,268.37	33.20	217.11	157.61	118.41	-4,371.40	5,598.08	5,350.62	247.46	22.622		
6,500.00	6,342.68	6,365.68	6,365.68	33.73	220.51	157.70	118.41	-4,371.40	5,619.45	5,368.12	251.33	22.359		
6,520.81	6,362.93	6,385.93	6,385.93	33.85	221.21	157.72	118.41	-4,371.40	5,623.90	5,371.77	252.14	22.305		
6,550.00	6,391.46	6,414.46	6,414.46	34.00	222.21	151.36	118.41	-4,371.40	5,629.50	5,376.23	253.27	22.227		
6,600.00	6,440.79	6,463.79	6,463.79	34.23	223.93	132.43	118.41	-4,371.40	5,636.02	5,380.80	255.22	22.083		
6,650.00	6,490.44	6,513.44	6,513.44	34.43	225.66	97.28	118.41	-4,371.40	5,638.66	5,381.50	257.16	21.927		
6,700.00	6,540.10	6,563.10	6,563.10	34.60	227.40	61.20	118.41	-4,371.40	5,637.40	5,378.33	259.07	21.760		
6,750.00	6,589.46	6,612.46	6,612.46	34.76	229.12	41.44	118.41	-4,371.40	5,632.26	5,371.30	260.95	21.583		
6,800.00	6,638.22	6,661.22	6,661.22	34.92	230.82	31.53	118.41	-4,371.40	5,623.25	5,360.46	262.79	21.398		
6,850.00	6,686.09	6,709.09	6,709.09	35.07	232.49	26.02	118.41	-4,371.40	5,610.45	5,345.87	264.58	21.205		
6,900.00	6,732.75	6,755.75	6,755.75	35.24	234.12	22.69	118.41	-4,371.40	5,593.92	5,327.62	266.30	21.006		
6,950.00	6,777.94	6,800.94	6,800.94	35.42	235.70	20.57	118.41	-4,371.40	5,573.78	5,305.83	267.95	20.801		
7,000.00	6,821.36	6,844.36	6,844.36	35.61	237.21	19.21	118.41	-4,371.40	5,550.14	5,280.62	269.52	20.592		
7,050.00	6,862.75	6,885.75	6,885.75	35.83	238.66	18.39	118.41	-4,371.40	5,523.16	5,252.15	271.01	20.380		
7,100.00	6,901.85	6,924.85	6,924.85	36.06	240.02	17.98	118.41	-4,371.40	5,493.00	5,220.60	272.40	20.165		
7,150.00	6,938.43	6,961.43	6,961.43	36.32	241.30	17.93	118.41	-4,371.40	5,459.85	5,186.16	273.69	19.949		
7,200.00	6,972.26	7,004.74	6,995.26	36.61	242.81	18.21	118.41	-4,371.40	5,423.91	5,148.71	275.20	19.709		
7,250.00	7,003.13	7,026.13	7,026.13	36.93	243.56	18.84	118.41	-4,371.40	5,385.40	5,109.46	275.94	19.517		
7,300.00	7,030.85	7,053.85	7,053.85	37.29	244.53	19.90	118.41	-4,371.40	5,344.57	5,067.68	276.89	19.302		
7,350.00	7,055.25	7,078.25	7,078.25	37.68	245.38	21.51	118.41	-4,371.40	5,301.66	5,023.93	277.72	19.090		
7,400.00	7,076.17	7,100.83	7,099.17	38.12	246.17	23.90	118.41	-4,371.40	5,256.93	4,978.44	278.49	18.877		
7,450.00	7,093.50	7,116.50	7,116.50	38.60	246.71	27.49	118.41	-4,371.40	5,210.67	4,931.66	279.01	18.675		
7,500.00	7,107.11	7,130.11	7,130.11	39.11	247.19	33.14	118.41	-4,371.40	5,163.16	4,883.69	279.47	18.475		
7,550.00	7,116.94	7,139.94	7,139.94	39.66	247.53	42.63	118.41	-4,371.40	5,114.68	4,834.89	279.79	18.280		
7,600.00	7,122.91	7,145.91	7,145.91	40.24	247.74	59.72	118.41	-4,371.40	5,065.55	4,785.55	279.99	18.092		
7,650.18	7,125.00	7,148.00	7,148.00	40.85	247.81	88.95	118.41	-4,371.40	5,015.87	4,735.80	280.07	17.910		
7,700.00	7,125.12	7,148.12	7,148.12	41.48	247.82	88.96	118.41	-4,371.40	4,966.47	4,686.40	280.08	17.733		
7,800.00	7,125.36	7,148.36	7,148.36	42.88	247.83	88.98	118.41	-4,371.40	4,867.35	4,587.25	280.10	17.377		
7,900.00	7,125.60	7,148.60	7,148.60	44.42	247.83	89.00	118.41	-4,371.40	4,768.27	4,488.14	280.13	17.021		
8,000.00	7,125.84	7,148.84	7,148.84	46.10	247.84	89.02	118.41	-4,371.40	4,669.22	4,389.05	280.17	16.665		
8,100.00	7,126.08	7,149.08	7,149.08	47.89	247.85	89.04	118.41	-4,371.40	4,570.22	4,289.99	280.23	16.309		
8,200.00	7,126.32	7,149.32	7,149.32	49.79	247.86	89.06	118.41	-4,371.40	4,471.26	4,190.97	280.29	15.952		
8,300.00	7,126.56	7,149.56	7,149.56	51.79	247.87	89.09	118.41	-4,371.40	4,372.35	4,091.98	280.36	15.595		
8,400.00	7,126.80	7,149.80	7,149.80	53.86	247.88	89.11	118.41	-4,371.40	4,273.48	3,993.03	280.45	15.238		
8,500.00	7,127.04	7,150.04	7,150.04	56.00	247.88	89.13	118.41	-4,371.40	4,174.68	3,894.12	280.55	14.880		
8,600.00	7,127.28	7,150.28	7,150.28	58.21	247.89	89.15	118.41	-4,371.40	4,075.93	3,795.26	280.67	14.522		
8,689.38	7,127.49	7,150.49	7,150.49	60.24	247.90	89.17	118.41	-4,371.40	3,987.71	3,706.92	280.80	14.202		
8,700.00	7,127.52	7,150.52	7,150.52	60.48	247.90	89.19	118.41	-4,371.40	3,977.24	3,696.43	280.81	14.163		
8,800.00	7,127.76	7,150.76	7,150.76	62.79	247.91	89.35	118.41	-4,371.40	3,879.01	3,598.02	280.99	13.805		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,150.85	7,150.85	63.74	247.91	89.40	118.41	-4,371.40	3,838.89	3,557.81	281.08	13.658		
8,900.00	7,128.00	7,151.00	7,151.00	65.12	247.92	89.41	118.41	-4,371.40	3,781.46	3,500.24	281.22	13.447		
9,000.00	7,128.23	7,151.23	7,151.23	67.50	247.93	89.42	118.41	-4,371.40	3,684.11	3,402.61	281.50	13.088		
9,100.00	7,128.47	7,151.47	7,151.47	69.91	247.93	89.44	118.41	-4,371.40	3,586.91	3,305.09	281.82	12.728		
9,200.00	7,128.71	7,151.71	7,151.71	72.35	247.94	89.46	118.41	-4,371.40	3,489.86	3,207.67	282.19	12.367		
9,300.00	7,128.95	7,151.95	7,151.95	74.83	247.95	89.47	118.41	-4,371.40	3,392.99	3,110.37	282.61	12.006		
9,400.00	7,129.19	7,152.19	7,152.19	77.33	247.96	89.49	118.41	-4,371.40	3,296.30	3,013.20	283.10	11.644		
9,500.00	7,129.43	7,152.43	7,152.43	79.86	247.97	89.50	118.41	-4,371.40	3,199.81	2,916.16	283.65	11.281		
9,600.00	7,129.67	7,152.67	7,152.67	82.41	247.98	89.52	118.41	-4,371.40	3,103.55	2,819.27	284.29	10.917		
9,700.00	7,129.91	7,152.91	7,152.91	84.97	247.98	89.54	118.41	-4,371.40	3,007.53	2,722.53	285.00	10.553		
9,800.00	7,130.15	7,153.15	7,153.15	87.56	247.99	89.55	118.41	-4,371.40	2,911.79	2,625.97	285.81	10.188		
9,900.00	7,130.39	7,153.39	7,153.39	90.16	248.00	89.57	118.41	-4,371.40	2,816.33	2,529.61	286.73	9.822		
10,000.00	7,130.63	7,153.63	7,153.63	92.78	248.01	89.58	118.41	-4,371.40	2,721.20	2,433.45	287.76	9.457		
10,100.00	7,130.87	7,153.87	7,153.87	95.41	248.02	89.60	118.41	-4,371.40	2,626.44	2,337.52	288.92	9.091		
10,200.00	7,131.11	7,154.11	7,154.11	98.06	248.03	89.62	118.41	-4,371.40	2,532.08	2,241.85	290.23	8.724		
10,300.00	7,131.35	7,154.35	7,154.35	100.71	248.03	89.63	118.41	-4,371.40	2,438.16	2,146.47	291.70	8.359		
10,400.00	7,131.59	7,154.59	7,154.59	103.38	248.04	89.65	118.41	-4,371.40	2,344.75	2,051.41	293.34	7.993		
10,500.00	7,131.83	7,154.83	7,154.83	106.06	248.05	89.66	118.41	-4,371.40	2,251.91	1,956.72	295.19	7.629		
10,600.00	7,132.07	7,155.07	7,155.07	108.74	248.06	89.68	118.41	-4,371.40	2,159.70	1,862.44	297.26	7.265		
10,700.00	7,132.31	7,155.31	7,155.31	111.44	248.07	89.70	118.41	-4,371.40	2,068.22	1,768.64	299.59	6.904		
10,800.00	7,132.55	7,155.55	7,155.55	114.14	248.08	89.71	118.41	-4,371.40	1,977.57	1,675.38	302.18	6.544		
10,900.00	7,132.79	7,155.79	7,155.79	116.85	248.09	89.73	118.41	-4,371.40	1,887.86	1,582.76	305.09	6.188		
11,000.00	7,133.03	7,156.03	7,156.03	119.57	248.09	89.75	118.41	-4,371.40	1,799.23	1,490.88	308.34	5.835		
11,100.00	7,133.27	7,156.27	7,156.27	122.29	248.10	89.76	118.41	-4,371.40	1,711.86	1,399.87	311.98	5.487		
11,200.00	7,133.51	7,156.51	7,156.51	125.02	248.11	89.78	118.41	-4,371.40	1,625.94	1,309.89	316.05	5.145		
11,300.00	7,133.74	7,156.74	7,156.74	127.76	248.12	89.79	118.41	-4,371.40	1,541.72	1,221.14	320.58	4.809		
11,400.00	7,133.98	7,156.98	7,156.98	130.50	248.13	89.81	118.41	-4,371.40	1,459.50	1,133.86	325.64	4.482		
11,500.00	7,134.22	7,157.22	7,157.22	133.24	248.14	89.83	118.41	-4,371.40	1,379.62	1,048.36	331.26	4.165		
11,600.00	7,134.46	7,157.46	7,157.46	135.99	248.14	89.84	118.41	-4,371.40	1,302.53	965.04	337.49	3.859		
11,700.00	7,134.70	7,157.70	7,157.70	138.75	248.15	89.86	118.41	-4,371.40	1,228.74	884.39	344.35	3.568		
11,800.00	7,134.94	7,157.94	7,157.94	141.51	248.16	89.87	118.41	-4,371.40	1,158.89	807.05	351.84	3.294		
11,900.00	7,135.18	7,158.18	7,158.18	144.27	248.17	89.89	118.41	-4,371.40	1,093.74	733.81	359.93	3.039		
12,000.00	7,135.42	7,158.42	7,158.42	147.03	248.18	89.91	118.41	-4,371.40	1,034.16	665.67	368.49	2.806		
12,100.00	7,135.66	7,158.66	7,158.66	149.80	248.19	89.92	118.41	-4,371.40	981.18	603.83	377.35	2.600		
12,200.00	7,135.90	7,158.90	7,158.90	152.58	248.19	89.94	118.41	-4,371.40	935.92	549.74	386.18	2.424		
12,300.00	7,136.14	7,159.14	7,159.14	155.35	248.20	89.95	118.41	-4,371.40	899.54	504.97	394.56	2.280		
12,400.00	7,136.38	7,159.38	7,159.38	158.13	248.21	89.97	118.41	-4,371.40	873.15	471.17	401.98	2.172		
12,500.00	7,136.62	7,159.62	7,159.62	160.91	248.22	89.99	118.41	-4,371.40	857.68	449.77	407.91	2.103		
12,583.87	7,136.82	7,159.82	7,159.82	163.25	248.23	90.00	118.41	-4,371.40	853.57	442.16	411.41	2.075 CC		
12,600.00	7,136.86	7,159.86	7,159.86	163.70	248.23	90.00	118.41	-4,371.40	853.72	441.80	411.92	2.073 ES, SF		
12,700.00	7,137.10	7,160.10	7,160.10	166.48	248.24	90.02	118.41	-4,371.40	861.43	447.64	413.79	2.082		
12,800.00	7,137.34	7,160.34	7,160.34	169.27	248.24	90.03	118.41	-4,371.40	880.51	466.95	413.56	2.129		
12,900.00	7,137.58	7,160.58	7,160.58	172.06	248.25	90.05	118.41	-4,371.40	910.23	498.74	411.48	2.212		
13,000.00	7,137.82	7,160.82	7,160.82	174.86	248.26	90.07	118.41	-4,371.40	949.60	541.62	407.98	2.328		
13,100.00	7,138.06	7,161.06	7,161.06	177.65	248.27	90.08	118.41	-4,371.40	997.48	593.99	403.48	2.472		
13,200.00	7,138.30	7,161.30	7,161.30	180.45	248.28	90.10	118.41	-4,371.40	1,052.70	654.30	398.41	2.642		
13,300.00	7,138.54	7,161.54	7,161.54	183.25	248.29	90.12	118.41	-4,371.40	1,114.19	721.11	393.08	2.835		
13,400.00	7,138.78	7,161.78	7,161.78	186.05	248.29	90.13	118.41	-4,371.40	1,180.95	793.22	387.73	3.046		
13,500.00	7,139.02	7,162.02	7,162.02	188.85	248.30	90.15	118.41	-4,371.40	1,252.14	869.62	382.52	3.273		
13,600.00	7,139.25	7,162.25	7,162.25	191.65	248.31	90.16	118.41	-4,371.40	1,327.06	949.51	377.55	3.515		
13,700.00	7,139.49	7,162.49	7,162.49	194.46	248.32	90.18	118.41	-4,371.40	1,405.10	1,032.23	372.87	3.768		
13,800.00	7,139.73	7,162.73	7,162.73	197.27	248.33	90.20	118.41	-4,371.40	1,485.78	1,117.27	368.50	4.032		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,900.00	7,139.97	7,162.97	7,162.97	200.08	248.34	90.21	118.41	-4,371.40	1,568.68	1,204.23	364.45	4.304		
14,000.00	7,140.21	7,163.21	7,163.21	202.89	248.34	90.23	118.41	-4,371.40	1,653.47	1,292.77	360.70	4.584		
14,100.00	7,140.45	7,163.45	7,163.45	205.70	248.35	90.24	118.41	-4,371.40	1,739.89	1,382.64	357.25	4.870		
14,200.00	7,140.69	7,163.69	7,163.69	208.51	248.36	90.26	118.41	-4,371.40	1,827.68	1,473.62	354.06	5.162		
14,300.00	7,140.93	7,163.93	7,163.93	211.32	248.37	90.28	118.41	-4,371.40	1,916.68	1,565.55	351.12	5.459		
14,400.00	7,141.17	7,164.17	7,164.17	214.14	248.38	90.29	118.41	-4,371.40	2,006.71	1,658.29	348.42	5.759		
14,500.00	7,141.41	7,164.41	7,164.41	216.95	248.39	90.31	118.41	-4,371.40	2,097.64	1,751.72	345.92	6.064		
14,600.00	7,141.65	7,164.65	7,164.65	219.77	248.39	90.32	118.41	-4,371.40	2,189.36	1,845.75	343.61	6.372		
14,700.00	7,141.89	7,164.89	7,164.89	222.59	248.40	90.34	118.41	-4,371.40	2,281.78	1,940.31	341.47	6.682		
14,800.00	7,142.13	7,165.13	7,165.13	225.41	248.41	90.36	118.41	-4,371.40	2,374.82	2,035.32	339.50	6.995		
14,900.00	7,142.37	7,165.37	7,165.37	228.23	248.42	90.37	118.41	-4,371.40	2,468.40	2,130.73	337.66	7.310		
15,000.00	7,142.61	7,165.61	7,165.61	231.05	248.43	90.39	118.41	-4,371.40	2,562.46	2,226.50	335.96	7.627		
15,100.00	7,142.85	7,165.85	7,165.85	233.87	248.44	90.40	118.41	-4,371.40	2,656.96	2,322.58	334.38	7.946		
15,200.00	7,143.09	7,166.09	7,166.09	236.69	248.44	90.42	118.41	-4,371.40	2,751.85	2,418.95	332.90	8.266		
15,300.00	7,143.33	7,166.33	7,166.33	239.52	248.45	90.44	118.41	-4,371.40	2,847.08	2,515.56	331.52	8.588		
15,400.00	7,143.57	7,166.57	7,166.57	242.34	248.46	90.45	118.41	-4,371.40	2,942.63	2,612.40	330.24	8.911		
15,500.00	7,143.81	7,166.81	7,166.81	245.17	248.47	90.47	118.41	-4,371.40	3,038.47	2,709.44	329.04	9.234		
15,600.00	7,144.05	7,167.05	7,167.05	247.99	248.48	90.49	118.41	-4,371.40	3,134.57	2,806.66	327.91	9.559		
15,700.00	7,144.29	7,167.29	7,167.29	250.82	248.49	90.50	118.41	-4,371.40	3,230.91	2,904.05	326.85	9.885		
15,800.00	7,144.53	7,167.53	7,167.53	253.64	248.49	90.52	118.41	-4,371.40	3,327.46	3,001.60	325.86	10.211		
15,900.00	7,144.76	7,167.76	7,167.76	256.47	248.50	90.53	118.41	-4,371.40	3,424.21	3,099.28	324.93	10.538		
16,000.00	7,145.00	7,168.00	7,168.00	259.30	248.51	90.55	118.41	-4,371.40	3,521.14	3,197.08	324.06	10.866		
16,100.00	7,145.24	7,168.24	7,168.24	262.13	248.52	90.57	118.41	-4,371.40	3,618.24	3,295.00	323.23	11.194		
16,200.00	7,145.48	7,168.48	7,168.48	264.96	248.53	90.58	118.41	-4,371.40	3,715.49	3,393.03	322.46	11.522		
16,300.00	7,145.72	7,168.72	7,168.72	267.79	248.54	90.60	118.41	-4,371.40	3,812.88	3,491.16	321.72	11.851		
16,400.00	7,145.96	7,168.96	7,168.96	270.62	248.55	90.61	118.41	-4,371.40	3,910.41	3,589.38	321.03	12.181		
16,500.00	7,146.20	7,169.20	7,169.20	273.45	248.55	90.63	118.41	-4,371.40	4,008.06	3,687.68	320.38	12.510		
16,600.00	7,146.44	7,169.44	7,169.44	276.28	248.56	90.65	118.41	-4,371.40	4,105.82	3,786.06	319.76	12.840		
16,700.00	7,146.68	7,169.68	7,169.68	279.12	248.57	90.66	118.41	-4,371.40	4,203.69	3,884.51	319.18	13.170		
16,800.00	7,146.92	7,169.92	7,169.92	281.95	248.58	90.68	118.41	-4,371.40	4,301.65	3,983.03	318.62	13.501		
16,900.00	7,147.16	7,170.16	7,170.16	284.78	248.59	90.69	118.41	-4,371.40	4,399.71	4,081.61	318.10	13.831		
17,000.00	7,147.40	7,170.40	7,170.40	287.62	248.60	90.71	118.41	-4,371.40	4,497.85	4,180.25	317.60	14.162		
17,100.00	7,147.64	7,170.64	7,170.64	290.45	248.60	90.73	118.41	-4,371.40	4,596.07	4,278.94	317.13	14.493		
17,200.00	7,147.88	7,170.88	7,170.88	293.28	248.61	90.74	118.41	-4,371.40	4,694.37	4,377.68	316.68	14.824		
17,300.00	7,148.12	7,171.12	7,171.12	296.12	248.62	90.76	118.41	-4,371.40	4,792.73	4,476.48	316.26	15.155		
17,400.00	7,148.36	7,171.36	7,171.36	298.95	248.63	90.77	118.41	-4,371.40	4,891.17	4,575.31	315.85	15.485		
17,500.00	7,148.60	7,171.60	7,171.60	301.79	248.64	90.79	118.41	-4,371.40	4,989.66	4,674.19	315.47	15.817		
17,600.00	7,148.84	7,171.84	7,171.84	304.63	248.65	90.81	118.41	-4,371.40	5,088.22	4,773.11	315.11	16.148		
17,700.00	7,149.08	7,172.08	7,172.08	307.46	248.65	90.82	118.41	-4,371.40	5,186.83	4,872.06	314.76	16.479		
17,800.00	7,149.32	7,172.32	7,172.32	310.30	248.66	90.84	118.41	-4,371.40	5,285.49	4,971.05	314.43	16.810		
17,900.00	7,149.56	7,172.56	7,172.56	313.14	248.67	90.85	118.41	-4,371.40	5,384.20	5,070.08	314.12	17.141		
18,000.00	7,149.80	7,172.80	7,172.80	315.98	248.68	90.87	118.41	-4,371.40	5,482.96	5,169.13	313.82	17.471		
18,100.00	7,150.04	7,173.04	7,173.04	318.81	248.69	90.89	118.41	-4,371.40	5,581.76	5,268.22	313.54	17.802		
18,200.00	7,150.27	7,173.27	7,173.27	321.65	248.70	90.90	118.41	-4,371.40	5,680.60	5,367.33	313.27	18.133		
18,300.00	7,150.51	7,173.51	7,173.51	324.49	248.70	90.92	118.41	-4,371.40	5,779.49	5,466.47	313.02	18.464		
18,400.00	7,150.75	7,173.75	7,173.75	327.33	248.71	90.94	118.41	-4,371.40	5,878.41	5,565.64	312.77	18.794		
18,500.00	7,150.99	7,173.99	7,173.99	330.17	248.72	90.95	118.41	-4,371.40	5,977.37	5,664.82	312.54	19.125		
18,600.00	7,151.23	7,174.23	7,174.23	333.01	248.73	90.97	118.41	-4,371.40	6,076.36	5,764.04	312.32	19.455		
18,700.00	7,151.47	7,174.47	7,174.47	335.85	248.74	90.98	118.41	-4,371.40	6,175.38	5,863.27	312.11	19.786		
18,800.00	7,151.71	7,174.71	7,174.71	338.69	248.75	91.00	118.41	-4,371.40	6,274.44	5,962.52	311.92	20.116		
18,900.00	7,151.95	7,174.95	7,174.95	341.53	248.75	91.02	118.41	-4,371.40	6,373.52	6,061.80	311.73	20.446		
18,920.23	7,152.00	7,175.00	7,175.00	342.10	248.76	91.02	118.41	-4,371.40	6,393.57	6,081.88	311.69	20.513		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-92.61	-409.67	-8,977.71	8,987.05					
100.00	100.00	132.00	132.00	3.28	4.35	-92.61	-409.67	-8,977.71	8,987.05	8,979.41	7.64	1,176.593		
200.00	200.00	232.00	232.00	3.34	7.15	-92.61	-409.67	-8,977.71	8,987.05	8,976.56	10.49	856.943		
300.00	299.98	331.98	331.98	3.44	10.38	147.38	-409.67	-8,977.71	8,988.52	8,974.70	13.82	650.529		
400.00	399.84	431.84	431.84	3.60	13.73	147.35	-409.67	-8,977.71	8,992.93	8,975.61	17.32	519.136		
500.00	499.45	531.45	531.45	3.80	17.12	147.30	-409.67	-8,977.71	9,000.27	8,979.35	20.92	430.178		
600.00	598.70	630.70	630.70	4.04	20.54	147.23	-409.67	-8,977.71	9,010.55	8,985.97	24.58	366.598		
700.00	697.47	729.47	729.47	4.33	23.95	147.14	-409.67	-8,977.71	9,023.74	8,995.47	28.27	319.176		
800.00	795.62	827.62	827.62	4.65	27.34	147.03	-409.67	-8,977.71	9,039.85	9,007.86	31.99	282.606		
865.50	859.53	908.47	891.53	4.89	30.15	146.94	-409.67	-8,977.71	9,051.97	9,016.95	35.02	258.501		
900.00	893.10	925.10	925.10	5.02	30.73	146.97	-409.67	-8,977.71	9,058.68	9,022.96	35.72	253.623		
1,000.00	990.42	1,022.42	1,022.42	5.41	34.11	147.05	-409.67	-8,977.71	9,078.14	9,038.68	39.46	230.061		
1,100.00	1,087.73	1,119.73	1,119.73	5.83	37.49	147.12	-409.67	-8,977.71	9,097.62	9,054.39	43.23	210.471		
1,200.00	1,185.05	1,217.05	1,217.05	6.27	40.87	147.20	-409.67	-8,977.71	9,117.11	9,070.11	47.01	193.945		
1,300.00	1,282.36	1,314.36	1,314.36	6.72	44.26	147.28	-409.67	-8,977.71	9,136.63	9,085.82	50.81	179.830		
1,400.00	1,379.67	1,411.67	1,411.67	7.18	47.65	147.36	-409.67	-8,977.71	9,156.16	9,101.54	54.62	167.642		
1,500.00	1,476.99	1,508.99	1,508.99	7.65	51.04	147.43	-409.67	-8,977.71	9,175.70	9,117.26	58.44	157.017		
1,600.00	1,574.30	1,606.30	1,606.30	8.13	54.43	147.51	-409.67	-8,977.71	9,195.26	9,133.00	62.27	147.676		
1,700.00	1,671.61	1,703.61	1,703.61	8.62	57.82	147.59	-409.67	-8,977.71	9,214.84	9,148.74	66.10	139.404		
1,800.00	1,768.93	1,800.93	1,800.93	9.11	61.21	147.66	-409.67	-8,977.71	9,234.43	9,164.49	69.94	132.028		
1,900.00	1,866.24	1,901.76	1,898.24	9.60	64.73	147.74	-409.67	-8,977.71	9,254.04	9,180.13	73.91	125.204		
2,000.00	1,963.56	2,004.44	1,995.56	10.10	68.31	147.81	-409.67	-8,977.71	9,273.67	9,195.72	77.95	118.970		
2,100.00	2,060.87	2,107.13	2,092.87	10.61	71.89	147.89	-409.67	-8,977.71	9,293.31	9,211.31	81.99	113.346		
2,200.00	2,158.18	2,209.82	2,190.18	11.11	75.47	147.96	-409.67	-8,977.71	9,312.96	9,226.93	86.03	108.246		
2,300.00	2,255.50	2,287.50	2,287.50	11.62	78.18	148.04	-409.67	-8,977.71	9,332.63	9,243.42	89.21	104.614		
2,400.00	2,352.81	2,384.81	2,384.81	12.13	81.57	148.11	-409.67	-8,977.71	9,352.32	9,259.25	93.07	100.485		
2,500.00	2,450.13	2,482.13	2,482.13	12.65	84.97	148.19	-409.67	-8,977.71	9,372.02	9,275.08	96.94	96.683		
2,600.00	2,547.44	2,579.44	2,579.44	13.16	88.36	148.26	-409.67	-8,977.71	9,391.74	9,290.93	100.80	93.170		
2,700.00	2,644.75	2,676.75	2,676.75	13.68	91.76	148.33	-409.67	-8,977.71	9,411.47	9,306.80	104.67	89.916		
2,800.00	2,742.07	2,774.07	2,774.07	14.20	95.15	148.41	-409.67	-8,977.71	9,431.21	9,322.68	108.54	86.893		
2,900.00	2,839.38	2,871.38	2,871.38	14.71	98.55	148.48	-409.67	-8,977.71	9,450.98	9,338.57	112.41	84.077		
3,000.00	2,936.70	2,968.70	2,968.70	15.23	101.94	148.55	-409.67	-8,977.71	9,470.75	9,354.47	116.28	81.448		
3,100.00	3,034.01	3,066.01	3,066.01	15.76	105.34	148.62	-409.67	-8,977.71	9,490.54	9,370.39	120.15	78.988		
3,200.00	3,131.32	3,163.32	3,163.32	16.28	108.74	148.69	-409.67	-8,977.71	9,510.35	9,386.32	124.02	76.681		
3,300.00	3,228.64	3,260.64	3,260.64	16.80	112.13	148.77	-409.67	-8,977.71	9,530.17	9,402.27	127.90	74.514		
3,400.00	3,325.95	3,357.95	3,357.95	17.32	115.53	148.84	-409.67	-8,977.71	9,550.00	9,418.23	131.77	72.473		
3,500.00	3,423.26	3,455.26	3,455.26	17.85	118.92	148.91	-409.67	-8,977.71	9,569.85	9,434.20	135.65	70.549		
3,600.00	3,520.58	3,552.58	3,552.58	18.37	122.32	148.98	-409.67	-8,977.71	9,589.71	9,450.19	139.52	68.732		
3,700.00	3,617.89	3,649.89	3,649.89	18.90	125.72	149.05	-409.67	-8,977.71	9,609.59	9,466.19	143.40	67.013		
3,800.00	3,715.21	3,747.21	3,747.21	19.43	129.11	149.12	-409.67	-8,977.71	9,629.48	9,482.20	147.28	65.384		
3,900.00	3,812.52	3,844.52	3,844.52	19.95	132.51	149.19	-409.67	-8,977.71	9,649.38	9,498.23	151.15	63.838		
4,000.00	3,909.83	3,941.83	3,941.83	20.48	135.90	149.26	-409.67	-8,977.71	9,669.30	9,514.27	155.03	62.370		
4,100.00	4,007.15	4,039.15	4,039.15	21.01	139.30	149.33	-409.67	-8,977.71	9,689.23	9,530.32	158.91	60.974		
4,200.00	4,104.46	4,136.46	4,136.46	21.53	142.70	149.40	-409.67	-8,977.71	9,709.18	9,546.39	162.79	59.644		
4,300.00	4,201.78	4,233.78	4,233.78	22.06	146.09	149.46	-409.67	-8,977.71	9,729.14	9,562.47	166.67	58.375		
4,400.00	4,299.09	4,331.09	4,331.09	22.59	149.49	149.53	-409.67	-8,977.71	9,749.11	9,578.57	170.54	57.165		
4,500.00	4,396.40	4,428.40	4,428.40	23.12	152.89	149.60	-409.67	-8,977.71	9,769.10	9,594.67	174.42	56.008		
4,600.00	4,493.72	4,525.72	4,525.72	23.65	156.28	149.67	-409.67	-8,977.71	9,789.10	9,610.80	178.30	54.902		
4,700.00	4,591.03	4,623.03	4,623.03	24.18	159.68	149.74	-409.67	-8,977.71	9,809.11	9,626.93	182.18	53.843		
4,800.00	4,688.34	4,720.34	4,720.34	24.71	163.08	149.80	-409.67	-8,977.71	9,829.14	9,643.08	186.06	52.828		
4,900.00	4,785.66	4,817.66	4,817.66	25.24	166.47	149.87	-409.67	-8,977.71	9,849.18	9,659.23	189.94	51.854		
5,000.00	4,882.97	4,914.97	4,914.97	25.77	169.87	149.94	-409.67	-8,977.71	9,869.23	9,675.41	193.82	50.920		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,012.29	5,012.29	26.30	173.26	150.00	-409.67	-8,977.71	9,889.29	9,691.59	197.70	50.022		
5,200.00	5,077.60	5,109.60	5,109.60	26.83	176.66	150.07	-409.67	-8,977.71	9,909.37	9,707.79	201.58	49.158		
5,300.00	5,174.91	5,206.91	5,206.91	27.36	180.06	150.13	-409.67	-8,977.71	9,929.46	9,724.00	205.46	48.328		
5,400.00	5,272.23	5,304.23	5,304.23	27.89	183.45	150.20	-409.67	-8,977.71	9,949.56	9,740.22	209.34	47.528		
5,500.00	5,369.54	5,401.54	5,401.54	28.42	186.85	150.27	-409.67	-8,977.71	9,969.68	9,756.46	213.22	46.758		
5,600.00	5,466.86	5,501.14	5,498.86	28.95	190.33	150.33	-409.67	-8,977.71	9,989.81	9,772.63	217.18	45.998		
7,200.00	6,972.26	7,004.26	7,004.26	36.61	242.80	7.36	-409.67	-8,977.71	9,966.45	9,690.84	275.61	36.162		
7,250.00	7,003.13	7,035.13	7,035.13	36.93	243.87	6.81	-409.67	-8,977.71	9,927.24	9,650.56	276.69	35.879		
7,300.00	7,030.85	7,062.85	7,062.85	37.29	244.84	6.34	-409.67	-8,977.71	9,885.73	9,608.09	277.64	35.606		
7,350.00	7,055.25	7,087.25	7,087.25	37.68	245.69	5.91	-409.67	-8,977.71	9,842.16	9,563.68	278.48	35.342		
7,400.00	7,076.17	7,108.17	7,108.17	38.12	246.42	5.49	-409.67	-8,977.71	9,796.80	9,517.61	279.19	35.089		
7,450.00	7,093.50	7,125.50	7,125.50	38.60	247.03	5.02	-409.67	-8,977.71	9,749.94	9,470.16	279.78	34.849		
7,500.00	7,107.11	7,139.11	7,139.11	39.11	247.50	4.41	-409.67	-8,977.71	9,701.85	9,421.62	280.24	34.620		
7,550.00	7,116.94	7,148.94	7,148.94	39.66	247.85	3.36	-409.67	-8,977.71	9,652.85	9,372.28	280.57	34.405		
7,600.00	7,122.91	7,154.91	7,154.91	40.24	248.05	0.46	-409.67	-8,977.71	9,603.22	9,322.46	280.76	34.204		
7,650.18	7,125.00	7,157.00	7,157.00	40.85	248.13	-73.20	-409.67	-8,977.71	9,553.10	9,272.26	280.83	34.017		
7,700.00	7,125.12	7,157.12	7,157.12	41.48	248.13	-73.28	-409.67	-8,977.71	9,503.28	9,222.44	280.84	33.839		
7,800.00	7,125.36	7,157.36	7,157.36	42.88	248.14	-73.45	-409.67	-8,977.71	9,403.28	9,122.44	280.84	33.482		
7,900.00	7,125.60	7,157.60	7,157.60	44.42	248.15	-73.62	-409.67	-8,977.71	9,303.28	9,022.43	280.85	33.125		
8,000.00	7,125.84	7,157.84	7,157.84	46.10	248.16	-73.78	-409.67	-8,977.71	9,203.29	8,922.42	280.86	32.768		
8,100.00	7,126.08	7,158.08	7,158.08	47.89	248.17	-73.95	-409.67	-8,977.71	9,103.29	8,822.41	280.88	32.410		
8,200.00	7,126.32	7,158.32	7,158.32	49.79	248.17	-74.12	-409.67	-8,977.71	9,003.30	8,722.41	280.89	32.053		
8,300.00	7,126.56	7,158.56	7,158.56	51.79	248.18	-74.29	-409.67	-8,977.71	8,903.30	8,622.39	280.90	31.695		
8,400.00	7,126.80	7,158.80	7,158.80	53.86	248.19	-74.45	-409.67	-8,977.71	8,803.30	8,522.38	280.92	31.337		
8,500.00	7,127.04	7,159.04	7,159.04	56.00	248.20	-74.62	-409.67	-8,977.71	8,703.31	8,422.37	280.94	30.980		
8,600.00	7,127.28	7,159.28	7,159.28	58.21	248.21	-74.79	-409.67	-8,977.71	8,603.31	8,322.36	280.95	30.622		
8,689.38	7,127.49	7,159.49	7,159.49	60.24	248.21	-74.94	-409.67	-8,977.71	8,513.93	8,232.96	280.97	30.302		
8,700.00	7,127.52	7,159.52	7,159.52	60.48	248.22	-65.32	-409.67	-8,977.71	8,503.32	8,222.34	280.97	30.264		
8,800.00	7,127.76	7,159.76	7,159.76	62.79	248.22	85.41	-409.67	-8,977.71	8,403.33	8,122.34	280.99	29.906		
8,841.07	7,127.85	7,159.85	7,159.85	63.74	248.23	86.91	-409.67	-8,977.71	8,362.29	8,081.29	280.99	29.760		
8,900.00	7,128.00	7,160.00	7,160.00	65.12	248.23	86.93	-409.67	-8,977.71	8,303.42	8,022.41	281.00	29.549		
9,000.00	7,128.23	7,160.23	7,160.23	67.50	248.24	86.97	-409.67	-8,977.71	8,203.52	7,922.50	281.01	29.192		
9,100.00	7,128.47	7,160.47	7,160.47	69.91	248.25	87.01	-409.67	-8,977.71	8,103.62	7,822.59	281.03	28.835		
9,200.00	7,128.71	7,160.71	7,160.71	72.35	248.26	87.04	-409.67	-8,977.71	8,003.73	7,722.68	281.05	28.478		
9,300.00	7,128.95	7,160.95	7,160.95	74.83	248.27	87.08	-409.67	-8,977.71	7,903.84	7,622.77	281.07	28.121		
9,400.00	7,129.19	7,161.19	7,161.19	77.33	248.27	87.12	-409.67	-8,977.71	7,803.95	7,522.86	281.09	27.764		
9,500.00	7,129.43	7,161.43	7,161.43	79.86	248.28	87.15	-409.67	-8,977.71	7,704.06	7,422.95	281.11	27.406		
9,600.00	7,129.67	7,161.67	7,161.67	82.41	248.29	87.19	-409.67	-8,977.71	7,604.18	7,323.05	281.13	27.048		
9,700.00	7,129.91	7,161.91	7,161.91	84.97	248.30	87.23	-409.67	-8,977.71	7,504.30	7,223.14	281.16	26.690		
9,800.00	7,130.15	7,162.15	7,162.15	87.56	248.31	87.26	-409.67	-8,977.71	7,404.42	7,123.24	281.19	26.333		
9,900.00	7,130.39	7,162.39	7,162.39	90.16	248.32	87.30	-409.67	-8,977.71	7,304.55	7,023.33	281.22	25.974		
10,000.00	7,130.63	7,162.63	7,162.63	92.78	248.32	87.34	-409.67	-8,977.71	7,204.68	6,923.43	281.25	25.616		
10,100.00	7,130.87	7,162.87	7,162.87	95.41	248.33	87.37	-409.67	-8,977.71	7,104.82	6,823.53	281.29	25.258		
10,200.00	7,131.11	7,163.11	7,163.11	98.06	248.34	87.41	-409.67	-8,977.71	7,004.96	6,723.63	281.33	24.900		
10,300.00	7,131.35	7,163.35	7,163.35	100.71	248.35	87.45	-409.67	-8,977.71	6,905.10	6,623.73	281.37	24.541		
10,400.00	7,131.59	7,163.59	7,163.59	103.38	248.36	87.49	-409.67	-8,977.71	6,805.25	6,523.83	281.41	24.182		
10,500.00	7,131.83	7,163.83	7,163.83	106.06	248.37	87.52	-409.67	-8,977.71	6,705.40	6,423.94	281.46	23.824		
10,600.00	7,132.07	7,164.07	7,164.07	108.74	248.37	87.56	-409.67	-8,977.71	6,605.55	6,324.04	281.51	23.465		
10,700.00	7,132.31	7,164.31	7,164.31	111.44	248.38	87.60	-409.67	-8,977.71	6,505.71	6,224.15	281.56	23.106		
10,800.00	7,132.55	7,164.55	7,164.55	114.14	248.39	87.63	-409.67	-8,977.71	6,405.88	6,124.26	281.62	22.746		
10,900.00	7,132.79	7,164.79	7,164.79	116.85	248.40	87.67	-409.67	-8,977.71	6,306.05	6,024.37	281.68	22.387		
11,000.00	7,133.03	7,165.03	7,165.03	119.57	248.41	87.71	-409.67	-8,977.71	6,206.22	5,924.48	281.75	22.028		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
11,100.00	7,133.27	7,165.27	7,165.27	122.29	248.42	87.74	-409.67	-8,977.71	6,106.41	5,824.59	281.82	21.668		
11,200.00	7,133.51	7,165.51	7,165.51	125.02	248.42	87.78	-409.67	-8,977.71	6,006.59	5,724.71	281.89	21.308		
11,300.00	7,133.74	7,165.74	7,165.74	127.76	248.43	87.82	-409.67	-8,977.71	5,906.79	5,624.82	281.97	20.949		
11,400.00	7,133.98	7,165.98	7,165.98	130.50	248.44	87.86	-409.67	-8,977.71	5,806.99	5,524.94	282.05	20.589		
11,500.00	7,134.22	7,166.22	7,166.22	133.24	248.45	87.89	-409.67	-8,977.71	5,707.20	5,425.06	282.14	20.229		
11,600.00	7,134.46	7,166.46	7,166.46	135.99	248.46	87.93	-409.67	-8,977.71	5,607.41	5,325.18	282.23	19.868		
11,700.00	7,134.70	7,166.70	7,166.70	138.75	248.47	87.97	-409.67	-8,977.71	5,507.63	5,225.31	282.33	19.508		
11,800.00	7,134.94	7,166.94	7,166.94	141.51	248.47	88.00	-409.67	-8,977.71	5,407.87	5,125.43	282.43	19.147		
11,900.00	7,135.18	7,167.18	7,167.18	144.27	248.48	88.04	-409.67	-8,977.71	5,308.11	5,025.56	282.55	18.787		
12,000.00	7,135.42	7,167.42	7,167.42	147.03	248.49	88.08	-409.67	-8,977.71	5,208.36	4,925.69	282.67	18.426		
12,100.00	7,135.66	7,167.66	7,167.66	149.80	248.50	88.11	-409.67	-8,977.71	5,108.61	4,825.82	282.80	18.065		
12,200.00	7,135.90	7,167.90	7,167.90	152.58	248.51	88.15	-409.67	-8,977.71	5,008.88	4,725.95	282.93	17.703		
12,300.00	7,136.14	7,168.14	7,168.14	155.35	248.52	88.19	-409.67	-8,977.71	4,909.16	4,626.08	283.08	17.342		
12,400.00	7,136.38	7,168.38	7,168.38	158.13	248.52	88.23	-409.67	-8,977.71	4,809.46	4,526.22	283.23	16.980		
12,500.00	7,136.62	7,168.62	7,168.62	160.91	248.53	88.26	-409.67	-8,977.71	4,709.76	4,426.36	283.40	16.619		
12,600.00	7,136.86	7,168.86	7,168.86	163.70	248.54	88.30	-409.67	-8,977.71	4,610.08	4,326.49	283.58	16.257		
12,700.00	7,137.10	7,169.10	7,169.10	166.48	248.55	88.34	-409.67	-8,977.71	4,510.41	4,226.63	283.77	15.894		
12,800.00	7,137.34	7,169.34	7,169.34	169.27	248.56	88.37	-409.67	-8,977.71	4,410.75	4,126.77	283.98	15.532		
12,900.00	7,137.58	7,169.58	7,169.58	172.06	248.57	88.41	-409.67	-8,977.71	4,311.12	4,026.91	284.20	15.169		
13,000.00	7,137.82	7,169.82	7,169.82	174.86	248.57	88.45	-409.67	-8,977.71	4,211.50	3,927.05	284.44	14.806		
13,100.00	7,138.06	7,170.06	7,170.06	177.65	248.58	88.48	-409.67	-8,977.71	4,111.89	3,827.19	284.70	14.443		
13,200.00	7,138.30	7,170.30	7,170.30	180.45	248.59	88.52	-409.67	-8,977.71	4,012.31	3,727.33	284.98	14.079		
13,300.00	7,138.54	7,170.54	7,170.54	183.25	248.60	88.56	-409.67	-8,977.71	3,912.75	3,627.47	285.28	13.716		
13,400.00	7,138.78	7,170.78	7,170.78	186.05	248.61	88.60	-409.67	-8,977.71	3,813.21	3,527.61	285.60	13.351		
13,500.00	7,139.02	7,171.02	7,171.02	188.85	248.62	88.63	-409.67	-8,977.71	3,713.70	3,427.74	285.96	12.987		
13,600.00	7,139.25	7,171.25	7,171.25	191.65	248.63	88.67	-409.67	-8,977.71	3,614.21	3,327.87	286.34	12.622		
13,700.00	7,139.49	7,171.49	7,171.49	194.46	248.63	88.71	-409.67	-8,977.71	3,514.76	3,228.00	286.75	12.257		
13,800.00	7,139.73	7,171.73	7,171.73	197.27	248.64	88.74	-409.67	-8,977.71	3,415.33	3,128.12	287.21	11.892		
13,900.00	7,139.97	7,171.97	7,171.97	200.08	248.65	88.78	-409.67	-8,977.71	3,315.94	3,028.24	287.70	11.526		
14,000.00	7,140.21	7,172.21	7,172.21	202.89	248.66	88.82	-409.67	-8,977.71	3,216.59	2,928.34	288.24	11.159		
14,100.00	7,140.45	7,172.45	7,172.45	205.70	248.67	88.85	-409.67	-8,977.71	3,117.27	2,828.44	288.83	10.793		
14,200.00	7,140.69	7,172.69	7,172.69	208.51	248.68	88.89	-409.67	-8,977.71	3,018.01	2,728.53	289.48	10.426		
14,300.00	7,140.93	7,172.93	7,172.93	211.32	248.68	88.93	-409.67	-8,977.71	2,918.79	2,628.60	290.19	10.058		
14,400.00	7,141.17	7,173.17	7,173.17	214.14	248.69	88.97	-409.67	-8,977.71	2,819.63	2,528.65	290.98	9.690		
14,500.00	7,141.41	7,173.41	7,173.41	216.95	248.70	89.00	-409.67	-8,977.71	2,720.53	2,428.68	291.85	9.322		
14,600.00	7,141.65	7,173.65	7,173.65	219.77	248.71	89.04	-409.67	-8,977.71	2,621.50	2,328.69	292.81	8.953		
14,700.00	7,141.89	7,173.89	7,173.89	222.59	248.72	89.08	-409.67	-8,977.71	2,522.54	2,228.67	293.87	8.584		
14,800.00	7,142.13	7,174.13	7,174.13	225.41	248.73	89.11	-409.67	-8,977.71	2,423.67	2,128.62	295.05	8.214		
14,900.00	7,142.37	7,174.37	7,174.37	228.23	248.73	89.15	-409.67	-8,977.71	2,324.90	2,028.53	296.37	7.845		
15,000.00	7,142.61	7,174.61	7,174.61	231.05	248.74	89.19	-409.67	-8,977.71	2,226.24	1,928.39	297.85	7.474		
15,100.00	7,142.85	7,174.85	7,174.85	233.87	248.75	89.22	-409.67	-8,977.71	2,127.70	1,828.20	299.50	7.104		
15,200.00	7,143.09	7,175.09	7,175.09	236.69	248.76	89.26	-409.67	-8,977.71	2,029.31	1,727.95	301.36	6.734		
15,300.00	7,143.33	7,175.33	7,175.33	239.52	248.77	89.30	-409.67	-8,977.71	1,931.07	1,627.62	303.46	6.364		
15,400.00	7,143.57	7,175.57	7,175.57	242.34	248.78	89.34	-409.67	-8,977.71	1,833.04	1,527.20	305.83	5.994		
15,500.00	7,143.81	7,175.81	7,175.81	245.17	248.78	89.37	-409.67	-8,977.71	1,735.22	1,426.68	308.54	5.624		
15,600.00	7,144.05	7,176.05	7,176.05	247.99	248.79	89.41	-409.67	-8,977.71	1,637.67	1,326.04	311.63	5.255		
15,700.00	7,144.29	7,176.29	7,176.29	250.82	248.80	89.45	-409.67	-8,977.71	1,540.43	1,225.26	315.17	4.888		
15,800.00	7,144.53	7,176.53	7,176.53	253.64	248.81	89.48	-409.67	-8,977.71	1,443.57	1,124.30	319.27	4.522		
15,900.00	7,144.76	7,176.76	7,176.76	256.47	248.82	89.52	-409.67	-8,977.71	1,347.17	1,023.15	324.02	4.158		
16,000.00	7,145.00	7,177.00	7,177.00	259.30	248.83	89.56	-409.67	-8,977.71	1,251.34	921.76	329.58	3.797		
16,100.00	7,145.24	7,177.24	7,177.24	262.13	248.83	89.59	-409.67	-8,977.71	1,156.21	820.09	336.12	3.440		
16,200.00	7,145.48	7,177.48	7,177.48	264.96	248.84	89.63	-409.67	-8,977.71	1,061.97	718.09	343.88	3.088		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
16,300.00	7,145.72	7,177.72	7,177.72	267.79	248.85	89.67	-409.67	-8,977.71	968.89	615.72	353.17	2.743		
16,400.00	7,145.96	7,177.96	7,177.96	270.62	248.86	89.71	-409.67	-8,977.71	877.34	512.93	364.40	2.408		
16,500.00	7,146.20	7,178.20	7,178.20	273.45	248.87	89.74	-409.67	-8,977.71	787.84	409.75	378.09	2.084		
16,600.00	7,146.44	7,178.44	7,178.44	276.28	248.88	89.78	-409.67	-8,977.71	701.18	306.30	394.88	1.776		
16,700.00	7,146.68	7,178.68	7,178.68	279.12	248.88	89.82	-409.67	-8,977.71	618.57	203.01	415.55	1.489 Level 3		
16,800.00	7,146.92	7,178.92	7,178.92	281.95	248.89	89.85	-409.67	-8,977.71	541.84	101.10	440.74	1.229 Level 2		
16,900.00	7,147.16	7,179.16	7,179.16	284.78	248.90	89.89	-409.67	-8,977.71	473.88	3.52	470.37	1.007 Level 2		
17,000.00	7,147.40	7,179.40	7,179.40	287.62	248.91	89.93	-409.67	-8,977.71	418.96	-83.14	502.10	0.834 Level 1		
17,100.00	7,147.64	7,179.64	7,179.64	290.45	248.92	89.96	-409.67	-8,977.71	382.75	-146.62	529.37	0.723 Level 1		
17,195.16	7,147.87	7,179.87	7,179.87	293.15	248.93	90.00	-409.67	-8,977.71	370.74	-171.31	542.04	0.684 Level 1, CC		
17,200.00	7,147.88	7,179.88	7,179.88	293.28	248.93	90.00	-409.67	-8,977.71	370.77	-171.44	542.21	0.684 Level 1, ES, SF		
17,300.00	7,148.12	7,180.12	7,180.12	296.12	248.93	90.04	-409.67	-8,977.71	385.27	-149.86	535.13	0.720 Level 1		
17,400.00	7,148.36	7,180.36	7,180.36	298.95	248.94	90.08	-409.67	-8,977.71	423.56	-89.60	513.16	0.825 Level 1		
17,500.00	7,148.60	7,180.60	7,180.60	301.79	248.95	90.11	-409.67	-8,977.71	479.97	-5.83	485.80	0.988 Level 1		
17,600.00	7,148.84	7,180.84	7,180.84	304.63	248.96	90.15	-409.67	-8,977.71	548.94	89.46	459.49	1.195 Level 2		
17,700.00	7,149.08	7,181.08	7,181.08	307.46	248.97	90.19	-409.67	-8,977.71	626.35	189.67	436.67	1.434 Level 3		
17,800.00	7,149.32	7,181.32	7,181.32	310.30	248.98	90.22	-409.67	-8,977.71	709.42	291.75	417.67	1.699		
17,900.00	7,149.56	7,181.56	7,181.56	313.14	248.98	90.26	-409.67	-8,977.71	796.39	394.35	402.04	1.981		
18,000.00	7,149.80	7,181.80	7,181.80	315.98	248.99	90.30	-409.67	-8,977.71	886.12	496.96	389.16	2.277		
18,100.00	7,150.04	7,182.04	7,182.04	318.81	249.00	90.34	-409.67	-8,977.71	977.84	599.35	378.50	2.584		
18,200.00	7,150.27	7,182.27	7,182.27	321.65	249.01	90.37	-409.67	-8,977.71	1,071.05	701.47	369.58	2.898		
18,300.00	7,150.51	7,182.51	7,182.51	324.49	249.02	90.41	-409.67	-8,977.71	1,165.38	803.32	362.06	3.219		
18,400.00	7,150.75	7,182.75	7,182.75	327.33	249.03	90.45	-409.67	-8,977.71	1,260.59	904.92	355.66	3.544		
18,500.00	7,150.99	7,182.99	7,182.99	330.17	249.03	90.48	-409.67	-8,977.71	1,356.48	1,006.30	350.18	3.874		
18,600.00	7,151.23	7,183.23	7,183.23	333.01	249.04	90.52	-409.67	-8,977.71	1,452.93	1,107.50	345.44	4.206		
18,700.00	7,151.47	7,183.47	7,183.47	335.85	249.05	90.56	-409.67	-8,977.71	1,549.83	1,208.52	341.31	4.541		
18,800.00	7,151.71	7,183.71	7,183.71	338.69	249.06	90.59	-409.67	-8,977.71	1,647.10	1,309.40	337.70	4.877		
18,900.00	7,151.95	7,183.95	7,183.95	341.53	249.07	90.63	-409.67	-8,977.71	1,744.68	1,410.17	334.52	5.216		
18,920.23	7,152.00	7,184.00	7,184.00	342.10	249.07	90.64	-409.67	-8,977.71	1,764.46	1,430.54	333.92	5.284		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	13.00	13.00	3.28	3.29	-97.03	-1,195.57	-9,701.92	9,775.31					
100.00	100.00	113.00	113.00	3.28	3.95	-97.03	-1,195.57	-9,701.92	9,775.31	9,768.07	7.23	1,351.337		
200.00	200.00	213.00	213.00	3.34	6.57	-97.03	-1,195.57	-9,701.92	9,775.31	9,765.40	9.91	986.906		
300.00	299.98	312.98	312.98	3.44	9.75	142.96	-1,195.57	-9,701.92	9,776.70	9,763.51	13.19	741.210		
400.00	399.84	412.84	412.84	3.60	13.08	142.93	-1,195.57	-9,701.92	9,780.88	9,764.20	16.68	586.400		
500.00	499.45	512.45	512.45	3.80	16.47	142.88	-1,195.57	-9,701.92	9,787.84	9,767.57	20.27	482.841		
600.00	598.70	611.70	611.70	4.04	19.88	142.80	-1,195.57	-9,701.92	9,797.58	9,773.66	23.92	409.526		
700.00	697.47	710.47	710.47	4.33	23.29	142.71	-1,195.57	-9,701.92	9,810.09	9,782.47	27.62	355.238		
800.00	795.62	808.62	808.62	4.65	26.69	142.59	-1,195.57	-9,701.92	9,825.36	9,794.03	31.33	313.600		
865.50	859.53	872.53	872.53	4.89	28.90	142.49	-1,195.57	-9,701.92	9,836.85	9,803.08	33.77	291.261		
900.00	893.10	906.10	906.10	5.02	30.07	142.52	-1,195.57	-9,701.92	9,843.22	9,808.16	35.06	280.741		
1,000.00	990.42	1,003.42	1,003.42	5.41	33.45	142.60	-1,195.57	-9,701.92	9,861.68	9,822.87	38.81	254.119		
1,100.00	1,087.73	1,100.73	1,100.73	5.83	36.83	142.68	-1,195.57	-9,701.92	9,880.16	9,837.58	42.58	232.058		
1,200.00	1,185.05	1,201.95	1,198.05	6.27	40.35	142.76	-1,195.57	-9,701.92	9,898.66	9,852.16	46.50	212.875		
1,300.00	1,282.36	1,304.64	1,295.36	6.72	43.92	142.84	-1,195.57	-9,701.92	9,917.18	9,866.69	50.49	196.420		
1,400.00	1,379.67	1,407.33	1,392.67	7.18	47.50	142.92	-1,195.57	-9,701.92	9,935.72	9,881.22	54.49	182.334		
1,500.00	1,476.99	1,489.99	1,489.99	7.65	50.38	143.00	-1,195.57	-9,701.92	9,954.27	9,896.47	57.81	172.200		
1,600.00	1,574.30	1,587.30	1,587.30	8.13	53.77	143.08	-1,195.57	-9,701.92	9,972.85	9,911.21	61.64	161.793		
1,700.00	1,671.61	1,684.61	1,684.61	8.62	57.16	143.16	-1,195.57	-9,701.92	9,991.44	9,925.96	65.48	152.589		
8,000.00	7,125.84	7,138.84	7,138.84	46.10	247.49	-88.48	-1,195.57	-9,701.92	9,932.79	9,652.09	280.70	35.385		
8,100.00	7,126.08	7,139.08	7,139.08	47.89	247.50	-88.49	-1,195.57	-9,701.92	9,833.20	9,552.45	280.75	35.025		
8,200.00	7,126.32	7,139.32	7,139.32	49.79	247.51	-88.51	-1,195.57	-9,701.92	9,733.61	9,452.81	280.80	34.664		
8,300.00	7,126.56	7,139.56	7,139.56	51.79	247.52	-88.52	-1,195.57	-9,701.92	9,634.04	9,353.19	280.85	34.303		
8,400.00	7,126.80	7,139.80	7,139.80	53.86	247.53	-88.54	-1,195.57	-9,701.92	9,534.48	9,253.56	280.91	33.941		
8,500.00	7,127.04	7,140.04	7,140.04	56.00	247.54	-88.55	-1,195.57	-9,701.92	9,434.92	9,153.94	280.98	33.579		
8,600.00	7,127.28	7,140.28	7,140.28	58.21	247.54	-88.57	-1,195.57	-9,701.92	9,335.37	9,054.32	281.05	33.216		
8,689.38	7,127.49	7,140.49	7,140.49	60.24	247.55	-88.58	-1,195.57	-9,701.92	9,246.40	8,965.29	281.12	32.892		
8,700.00	7,127.52	7,140.52	7,140.52	60.48	247.55	-88.53	-1,195.57	-9,701.92	9,235.83	8,954.71	281.12	32.853		
8,800.00	7,127.76	7,140.76	7,140.76	62.79	247.56	-87.68	-1,195.57	-9,701.92	9,136.13	8,854.94	281.19	32.491		
8,841.07	7,127.85	7,140.85	7,140.85	63.74	247.56	-86.95	-1,195.57	-9,701.92	9,095.11	8,813.90	281.21	32.343		
8,900.00	7,128.00	7,141.00	7,141.00	65.12	247.57	-86.97	-1,195.57	-9,701.92	9,036.24	8,755.00	281.24	32.130		
9,000.00	7,128.23	7,141.23	7,141.23	67.50	247.58	-87.00	-1,195.57	-9,701.92	8,936.35	8,655.05	281.29	31.769		
9,100.00	7,128.47	7,141.47	7,141.47	69.91	247.59	-87.03	-1,195.57	-9,701.92	8,836.45	8,555.11	281.35	31.408		
9,200.00	7,128.71	7,141.71	7,141.71	72.35	247.59	-87.07	-1,195.57	-9,701.92	8,736.56	8,455.16	281.40	31.047		
9,300.00	7,128.95	7,141.95	7,141.95	74.83	247.60	-87.10	-1,195.57	-9,701.92	8,636.67	8,355.21	281.46	30.685		
9,400.00	7,129.19	7,142.19	7,142.19	77.33	247.61	-87.13	-1,195.57	-9,701.92	8,536.78	8,255.26	281.52	30.324		
9,500.00	7,129.43	7,142.43	7,142.43	79.86	247.62	-87.17	-1,195.57	-9,701.92	8,436.90	8,155.31	281.59	29.962		
9,600.00	7,129.67	7,142.67	7,142.67	82.41	247.63	-87.20	-1,195.57	-9,701.92	8,337.02	8,055.36	281.65	29.600		
9,700.00	7,129.91	7,142.91	7,142.91	84.97	247.64	-87.23	-1,195.57	-9,701.92	8,237.14	7,955.42	281.72	29.238		
9,800.00	7,130.15	7,143.15	7,143.15	87.56	247.64	-87.27	-1,195.57	-9,701.92	8,137.27	7,855.47	281.80	28.876		
9,900.00	7,130.39	7,143.39	7,143.39	90.16	247.65	-87.30	-1,195.57	-9,701.92	8,037.39	7,755.52	281.87	28.514		
10,000.00	7,130.63	7,143.63	7,143.63	92.78	247.66	-87.34	-1,195.57	-9,701.92	7,937.52	7,655.57	281.95	28.152		
10,100.00	7,130.87	7,143.87	7,143.87	95.41	247.67	-87.37	-1,195.57	-9,701.92	7,837.66	7,555.62	282.04	27.790		
10,200.00	7,131.11	7,144.11	7,144.11	98.06	247.68	-87.40	-1,195.57	-9,701.92	7,737.80	7,455.67	282.12	27.427		
10,300.00	7,131.35	7,144.35	7,144.35	100.71	247.69	-87.44	-1,195.57	-9,701.92	7,637.94	7,355.72	282.21	27.064		
10,400.00	7,131.59	7,144.59	7,144.59	103.38	247.69	-87.47	-1,195.57	-9,701.92	7,538.08	7,255.78	282.31	26.702		
10,500.00	7,131.83	7,144.83	7,144.83	106.06	247.70	-87.50	-1,195.57	-9,701.92	7,438.23	7,155.83	282.40	26.339		
10,600.00	7,132.07	7,145.07	7,145.07	108.74	247.71	-87.54	-1,195.57	-9,701.92	7,338.38	7,055.88	282.51	25.976		
10,700.00	7,132.31	7,145.31	7,145.31	111.44	247.72	-87.57	-1,195.57	-9,701.92	7,238.54	6,955.93	282.61	25.613		
10,800.00	7,132.55	7,145.55	7,145.55	114.14	247.73	-87.60	-1,195.57	-9,701.92	7,138.70	6,855.98	282.72	25.250		
10,900.00	7,132.79	7,145.79	7,145.79	116.85	247.74	-87.64	-1,195.57	-9,701.92	7,038.87	6,756.03	282.84	24.887		
11,000.00	7,133.03	7,146.03	7,146.03	119.57	247.74	-87.67	-1,195.57	-9,701.92	6,939.04	6,656.08	282.95	24.523		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
11,100.00	7,133.27	7,146.27	7,146.27	122.29	247.75	-87.70	-1,195.57	-9,701.92	6,839.21	6,556.14	283.08	24.160		
11,200.00	7,133.51	7,146.51	7,146.51	125.02	247.76	-87.74	-1,195.57	-9,701.92	6,739.40	6,456.19	283.21	23.797		
11,300.00	7,133.74	7,146.74	7,146.74	127.76	247.77	-87.77	-1,195.57	-9,701.92	6,639.58	6,356.24	283.34	23.433		
11,400.00	7,133.98	7,146.98	7,146.98	130.50	247.78	-87.81	-1,195.57	-9,701.92	6,539.77	6,256.29	283.48	23.069		
11,500.00	7,134.22	7,147.22	7,147.22	133.24	247.79	-87.84	-1,195.57	-9,701.92	6,439.97	6,156.34	283.63	22.705		
11,600.00	7,134.46	7,147.46	7,147.46	135.99	247.79	-87.87	-1,195.57	-9,701.92	6,340.18	6,056.39	283.78	22.342		
11,700.00	7,134.70	7,147.70	7,147.70	138.75	247.80	-87.91	-1,195.57	-9,701.92	6,240.39	5,956.44	283.94	21.978		
11,800.00	7,134.94	7,147.94	7,147.94	141.51	247.81	-87.94	-1,195.57	-9,701.92	6,140.61	5,856.50	284.11	21.613		
11,900.00	7,135.18	7,148.18	7,148.18	144.27	247.82	-87.97	-1,195.57	-9,701.92	6,040.83	5,756.55	284.28	21.249		
12,000.00	7,135.42	7,148.42	7,148.42	147.03	247.83	-88.01	-1,195.57	-9,701.92	5,941.06	5,656.60	284.47	20.885		
12,100.00	7,135.66	7,148.66	7,148.66	149.80	247.84	-88.04	-1,195.57	-9,701.92	5,841.30	5,556.65	284.66	20.521		
12,200.00	7,135.90	7,148.90	7,148.90	152.58	247.84	-88.07	-1,195.57	-9,701.92	5,741.55	5,456.70	284.86	20.156		
12,300.00	7,136.14	7,149.14	7,149.14	155.35	247.85	-88.11	-1,195.57	-9,701.92	5,641.81	5,356.75	285.06	19.791		
12,400.00	7,136.38	7,149.38	7,149.38	158.13	247.86	-88.14	-1,195.57	-9,701.92	5,542.08	5,256.80	285.28	19.427		
12,500.00	7,136.62	7,149.62	7,149.62	160.91	247.87	-88.17	-1,195.57	-9,701.92	5,442.35	5,156.84	285.51	19.062		
12,600.00	7,136.86	7,149.86	7,149.86	163.70	247.88	-88.21	-1,195.57	-9,701.92	5,342.64	5,056.89	285.75	18.697		
12,700.00	7,137.10	7,150.10	7,150.10	166.48	247.89	-88.24	-1,195.57	-9,701.92	5,242.94	4,956.94	286.00	18.332		
12,800.00	7,137.34	7,150.34	7,150.34	169.27	247.89	-88.28	-1,195.57	-9,701.92	5,143.25	4,856.98	286.26	17.967		
12,900.00	7,137.58	7,150.58	7,150.58	172.06	247.90	-88.31	-1,195.57	-9,701.92	5,043.57	4,757.03	286.54	17.602		
13,000.00	7,137.82	7,150.82	7,150.82	174.86	247.91	-88.34	-1,195.57	-9,701.92	4,943.90	4,657.07	286.83	17.236		
13,100.00	7,138.06	7,151.06	7,151.06	177.65	247.92	-88.38	-1,195.57	-9,701.92	4,844.25	4,557.11	287.14	16.871		
13,200.00	7,138.30	7,151.30	7,151.30	180.45	247.93	-88.41	-1,195.57	-9,701.92	4,744.62	4,457.15	287.46	16.505		
13,300.00	7,138.54	7,151.54	7,151.54	183.25	247.94	-88.44	-1,195.57	-9,701.92	4,644.99	4,357.19	287.80	16.139		
13,400.00	7,138.78	7,151.78	7,151.78	186.05	247.95	-88.48	-1,195.57	-9,701.92	4,545.39	4,257.23	288.16	15.774		
13,500.00	7,139.02	7,152.02	7,152.02	188.85	247.95	-88.51	-1,195.57	-9,701.92	4,445.80	4,157.26	288.55	15.408		
13,600.00	7,139.25	7,152.25	7,152.25	191.65	247.96	-88.54	-1,195.57	-9,701.92	4,346.23	4,057.29	288.95	15.042		
13,700.00	7,139.49	7,152.49	7,152.49	194.46	247.97	-88.58	-1,195.57	-9,701.92	4,246.69	3,957.31	289.38	14.675		
13,800.00	7,139.73	7,152.73	7,152.73	197.27	247.98	-88.61	-1,195.57	-9,701.92	4,147.16	3,857.33	289.83	14.309		
13,900.00	7,139.97	7,152.97	7,152.97	200.08	247.99	-88.65	-1,195.57	-9,701.92	4,047.66	3,757.35	290.31	13.942		
14,000.00	7,140.21	7,153.21	7,153.21	202.89	248.00	-88.68	-1,195.57	-9,701.92	3,948.18	3,657.36	290.83	13.576		
14,100.00	7,140.45	7,153.45	7,153.45	205.70	248.00	-88.71	-1,195.57	-9,701.92	3,848.73	3,557.36	291.37	13.209		
14,200.00	7,140.69	7,153.69	7,153.69	208.51	248.01	-88.75	-1,195.57	-9,701.92	3,749.31	3,457.35	291.95	12.842		
14,300.00	7,140.93	7,153.93	7,153.93	211.32	248.02	-88.78	-1,195.57	-9,701.92	3,649.92	3,357.34	292.58	12.475		
14,400.00	7,141.17	7,154.17	7,154.17	214.14	248.03	-88.81	-1,195.57	-9,701.92	3,550.56	3,257.32	293.24	12.108		
14,500.00	7,141.41	7,154.41	7,154.41	216.95	248.04	-88.85	-1,195.57	-9,701.92	3,451.25	3,157.29	293.96	11.741		
14,600.00	7,141.65	7,154.65	7,154.65	219.77	248.05	-88.88	-1,195.57	-9,701.92	3,351.97	3,057.24	294.72	11.373		
14,700.00	7,141.89	7,154.89	7,154.89	222.59	248.05	-88.91	-1,195.57	-9,701.92	3,252.74	2,957.19	295.55	11.006		
14,800.00	7,142.13	7,155.13	7,155.13	225.41	248.06	-88.95	-1,195.57	-9,701.92	3,153.55	2,857.11	296.44	10.638		
14,900.00	7,142.37	7,155.37	7,155.37	228.23	248.07	-88.98	-1,195.57	-9,701.92	3,054.42	2,757.02	297.40	10.270		
15,000.00	7,142.61	7,155.61	7,155.61	231.05	248.08	-89.02	-1,195.57	-9,701.92	2,955.35	2,656.91	298.44	9.903		
15,100.00	7,142.85	7,155.85	7,155.85	233.87	248.09	-89.05	-1,195.57	-9,701.92	2,856.34	2,556.78	299.56	9.535		
15,200.00	7,143.09	7,156.09	7,156.09	236.69	248.10	-89.08	-1,195.57	-9,701.92	2,757.40	2,456.62	300.78	9.167		
15,300.00	7,143.33	7,156.33	7,156.33	239.52	248.10	-89.12	-1,195.57	-9,701.92	2,658.54	2,356.43	302.12	8.800		
15,400.00	7,143.57	7,156.57	7,156.57	242.34	248.11	-89.15	-1,195.57	-9,701.92	2,559.77	2,256.20	303.57	8.432		
15,500.00	7,143.81	7,156.81	7,156.81	245.17	248.12	-89.18	-1,195.57	-9,701.92	2,461.10	2,155.94	305.16	8.065		
15,600.00	7,144.05	7,157.05	7,157.05	247.99	248.13	-89.22	-1,195.57	-9,701.92	2,362.55	2,055.64	306.91	7.698		
15,700.00	7,144.29	7,157.29	7,157.29	250.82	248.14	-89.25	-1,195.57	-9,701.92	2,264.11	1,955.28	308.83	7.331		
15,800.00	7,144.53	7,157.53	7,157.53	253.64	248.15	-89.28	-1,195.57	-9,701.92	2,165.83	1,854.87	310.96	6.965		
15,900.00	7,144.76	7,157.76	7,157.76	256.47	248.15	-89.32	-1,195.57	-9,701.92	2,067.70	1,754.39	313.32	6.599		
16,000.00	7,145.00	7,158.00	7,158.00	259.30	248.16	-89.35	-1,195.57	-9,701.92	1,969.77	1,653.83	315.94	6.235		
16,100.00	7,145.24	7,158.24	7,158.24	262.13	248.17	-89.39	-1,195.57	-9,701.92	1,872.05	1,553.19	318.87	5.871		
16,200.00	7,145.48	7,158.48	7,158.48	264.96	248.18	-89.42	-1,195.57	-9,701.92	1,774.59	1,452.44	322.15	5.509		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
16,300.00	7,145.72	7,158.72	7,158.72	267.79	248.19	-89.45	-1,195.57	-9,701.92	1,677.43	1,351.58	325.85	5.148		
16,400.00	7,145.96	7,158.96	7,158.96	270.62	248.20	-89.49	-1,195.57	-9,701.92	1,580.62	1,250.58	330.04	4.789		
16,500.00	7,146.20	7,159.20	7,159.20	273.45	248.20	-89.52	-1,195.57	-9,701.92	1,484.23	1,149.42	334.82	4.433		
16,600.00	7,146.44	7,159.44	7,159.44	276.28	248.21	-89.55	-1,195.57	-9,701.92	1,388.36	1,048.08	340.28	4.080		
16,700.00	7,146.68	7,159.68	7,159.68	279.12	248.22	-89.59	-1,195.57	-9,701.92	1,293.11	946.52	346.58	3.731		
16,800.00	7,146.92	7,159.92	7,159.92	281.95	248.23	-89.62	-1,195.57	-9,701.92	1,198.63	844.73	353.90	3.387		
16,900.00	7,147.16	7,160.16	7,160.16	284.78	248.24	-89.65	-1,195.57	-9,701.92	1,105.13	742.67	362.46	3.049		
17,000.00	7,147.40	7,160.40	7,160.40	287.62	248.25	-89.69	-1,195.57	-9,701.92	1,012.87	640.32	372.55	2.719		
17,100.00	7,147.64	7,160.64	7,160.64	290.45	248.25	-89.72	-1,195.57	-9,701.92	922.22	537.69	384.53	2.398		
17,200.00	7,147.88	7,160.88	7,160.88	293.28	248.26	-89.76	-1,195.57	-9,701.92	833.72	434.85	398.87	2.090		
17,300.00	7,148.12	7,161.12	7,161.12	296.12	248.27	-89.79	-1,195.57	-9,701.92	748.11	332.01	416.10	1.798		
17,400.00	7,148.36	7,161.36	7,161.36	298.95	248.28	-89.82	-1,195.57	-9,701.92	666.53	229.72	436.81	1.526		
17,500.00	7,148.60	7,161.60	7,161.60	301.79	248.29	-89.86	-1,195.57	-9,701.92	590.64	129.23	461.40	1.280 Level 3		
17,600.00	7,148.84	7,161.84	7,161.84	304.63	248.30	-89.89	-1,195.57	-9,701.92	522.92	33.28	489.64	1.068 Level 2		
17,700.00	7,149.08	7,162.08	7,162.08	307.46	248.30	-89.92	-1,195.57	-9,701.92	466.94	-52.59	519.52	0.899 Level 1		
17,800.00	7,149.32	7,162.32	7,162.32	310.30	248.31	-89.96	-1,195.57	-9,701.92	427.34	-118.62	545.96	0.783 Level 1		
17,900.00	7,149.56	7,162.56	7,162.56	313.14	248.32	-89.99	-1,195.57	-9,701.92	408.91	-152.11	561.02	0.729 Level 1		
17,927.05	7,149.62	7,162.62	7,162.62	313.91	248.32	-90.00	-1,195.57	-9,701.92	408.02	-154.19	562.20	0.726 Level 1, CC, ES, SF		
18,000.00	7,149.80	7,162.80	7,162.80	315.98	248.33	-90.02	-1,195.57	-9,701.92	414.49	-144.23	558.72	0.742 Level 1		
18,100.00	7,150.04	7,163.04	7,163.04	318.81	248.34	-90.06	-1,195.57	-9,701.92	443.16	-97.51	540.67	0.820 Level 1		
18,200.00	7,150.27	7,163.27	7,163.27	321.65	248.35	-90.09	-1,195.57	-9,701.92	490.90	-23.41	514.31	0.954 Level 1		
18,300.00	7,150.51	7,163.51	7,163.51	324.49	248.35	-90.13	-1,195.57	-9,701.92	552.78	66.21	486.57	1.136 Level 2		
18,400.00	7,150.75	7,163.75	7,163.75	327.33	248.36	-90.16	-1,195.57	-9,701.92	624.63	163.47	461.16	1.354 Level 3		
18,500.00	7,150.99	7,163.99	7,163.99	330.17	248.37	-90.19	-1,195.57	-9,701.92	703.38	264.13	439.25	1.601		
18,600.00	7,151.23	7,164.23	7,164.23	333.01	248.38	-90.23	-1,195.57	-9,701.92	786.98	366.15	420.83	1.870		
18,700.00	7,151.47	7,164.47	7,164.47	335.85	248.39	-90.26	-1,195.57	-9,701.92	874.03	468.58	405.45	2.156		
18,800.00	7,151.71	7,164.71	7,164.71	338.69	248.40	-90.29	-1,195.57	-9,701.92	963.59	571.01	392.59	2.454		
18,900.00	7,151.95	7,164.95	7,164.95	341.53	248.41	-90.33	-1,195.57	-9,701.92	1,055.04	673.26	381.77	2.764		
18,920.23	7,152.00	7,165.00	7,165.00	342.10	248.41	-90.33	-1,195.57	-9,701.92	1,073.72	693.92	379.80	2.827		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	23.89	23.89	3.28	3.28	-89.29	119.95	-9,701.40	9,702.15					
100.00	100.00	115.67	115.67	3.28	3.29	-89.29	120.13	-9,701.46	9,702.21	9,695.63	6.58	1,475.232		
200.00	200.00	206.96	206.96	3.34	3.35	-89.29	120.51	-9,701.59	9,702.36	9,695.68	6.69	1,451.318		
300.00	299.98	298.78	298.78	3.44	3.45	150.70	120.91	-9,701.81	9,704.12	9,697.23	6.89	1,408.434		
400.00	399.84	418.26	418.25	3.60	3.64	150.67	121.14	-9,702.01	9,708.86	9,701.62	7.23	1,342.018		
500.00	499.45	521.50	521.50	3.80	3.85	150.62	121.05	-9,702.06	9,716.51	9,708.86	7.65	1,270.359		
600.00	598.70	616.18	616.18	4.04	4.08	150.55	120.93	-9,702.14	9,727.22	9,719.10	8.12	1,197.875		
700.00	697.47	737.12	737.12	4.33	4.40	150.47	121.01	-9,702.11	9,740.86	9,732.13	8.73	1,115.901		
800.00	795.62	849.72	849.72	4.65	4.74	150.37	120.99	-9,701.84	9,757.28	9,747.91	9.38	1,040.335		
865.50	859.53	900.00	900.00	4.89	4.89	150.28	120.87	-9,701.69	9,769.65	9,759.89	9.76	1,000.895		
900.00	893.10	930.54	930.53	5.02	4.99	150.30	120.77	-9,701.63	9,776.52	9,766.54	9.98	979.561		
1,000.00	990.42	1,000.00	1,000.00	5.41	5.22	150.34	120.56	-9,701.70	9,796.72	9,786.16	10.57	927.046		
1,100.00	1,087.73	1,100.00	1,101.05	5.83	5.56	150.41	120.16	-9,701.84	9,817.00	9,805.71	11.29	869.832		
1,200.00	1,185.05	1,168.19	1,168.18	6.27	5.80	150.45	119.79	-9,701.98	9,837.37	9,825.46	11.92	825.432		
1,300.00	1,282.36	1,270.54	1,270.53	6.72	6.16	150.52	119.15	-9,702.53	9,858.06	9,845.37	12.69	776.738		
1,400.00	1,379.67	1,359.84	1,359.82	7.18	6.49	150.57	118.59	-9,702.86	9,878.59	9,865.16	13.44	735.241		
1,500.00	1,476.99	1,436.23	1,436.22	7.65	6.77	150.62	118.25	-9,703.31	9,899.35	9,885.20	14.15	699.844		
1,600.00	1,574.30	1,518.79	1,518.77	8.13	7.08	150.68	117.80	-9,703.95	9,920.29	9,905.40	14.89	666.292		
1,700.00	1,671.61	1,614.14	1,614.12	8.62	7.45	150.74	117.36	-9,704.76	9,941.32	9,925.63	15.69	633.502		
1,800.00	1,768.93	1,718.03	1,718.01	9.11	7.85	150.80	117.03	-9,705.60	9,962.33	9,945.79	16.54	602.309		
1,900.00	1,866.24	1,813.30	1,813.27	9.60	8.22	150.87	116.92	-9,706.32	9,983.31	9,965.95	17.36	575.014		
8,000.00	7,125.84	7,104.82	7,104.46	46.10	30.37	80.88	143.98	-9,740.21	9,998.63	9,935.80	62.83	159.135		
8,100.00	7,126.08	7,105.51	7,105.15	47.89	30.38	80.96	143.98	-9,740.21	9,998.73	9,935.89	62.83	157.536		
8,200.00	7,126.32	7,106.20	7,105.84	49.79	30.38	81.05	143.99	-9,740.21	9,998.83	9,935.99	62.84	155.932		
8,300.00	7,126.56	7,106.89	7,106.53	51.79	30.38	81.14	143.99	-9,740.22	9,998.94	9,936.09	62.85	154.325		
8,400.00	7,126.80	7,107.58	7,107.22	53.86	30.38	81.23	143.99	-9,740.22	9,999.05	9,936.19	62.86	152.713		
8,500.00	7,127.04	7,108.27	7,107.91	56.00	30.39	81.31	144.00	-9,740.22	9,999.16	9,936.29	62.87	151.098		
8,600.00	7,127.28	7,108.97	7,108.60	58.21	30.39	81.40	144.00	-9,740.23	9,999.27	9,936.39	62.88	149.479		
8,689.38	7,127.49	7,109.58	7,109.22	60.24	30.39	81.48	144.00	-9,740.23	9,999.37	9,936.49	62.89	148.028		
8,700.00	7,127.52	7,109.66	7,109.29	60.48	30.39	82.09	144.01	-9,740.23	9,999.39	9,936.49	62.90	147.855		
8,800.00	7,127.76	7,110.33	7,109.97	62.79	30.40	85.31	144.01	-9,740.23	9,999.64	9,936.72	62.91	146.224		
8,841.07	7,127.85	7,110.61	7,110.24	63.74	30.40	85.98	144.01	-9,740.23	9,999.75	9,936.83	62.92	145.551		
8,900.00	7,128.00	7,111.00	7,110.63	65.12	30.40	86.01	144.01	-9,740.24	9,999.86	9,936.94	62.94	144.581		
9,000.00	7,128.23	7,111.66	7,111.29	67.50	30.40	86.05	144.02	-9,740.24	9,999.97	9,937.05	62.97	142.925		
9,100.00	7,128.47	7,112.32	7,111.96	69.91	30.40	86.09	144.02	-9,740.24	9,999.99	9,937.05	63.01	141.258		
9,200.00	7,128.71	7,112.98	7,112.62	72.35	30.41	86.13	144.02	-9,740.24	9,999.77	9,937.11	63.06	139.581		
9,300.00	7,128.95	7,113.64	7,113.28	74.83	30.41	86.17	144.03	-9,740.25	9,999.34	9,937.23	63.11	137.893		
9,400.00	7,129.19	7,114.30	7,113.94	77.33	30.41	86.21	144.03	-9,740.25	9,999.22	9,937.36	63.17	136.194		
9,500.00	7,129.43	7,114.97	7,114.60	79.86	30.42	86.25	144.03	-9,740.25	9,999.10	9,937.49	63.23	134.485		
9,600.00	7,129.67	7,115.63	7,115.26	82.41	30.42	86.29	144.04	-9,740.26	9,999.00	9,937.62	63.30	132.764		
9,700.00	7,129.91	7,116.29	7,115.92	84.97	30.42	86.33	144.04	-9,740.26	9,998.90	9,937.75	63.38	131.031		
9,800.00	7,130.15	7,116.95	7,116.58	87.56	30.42	86.37	144.05	-9,740.26	9,998.80	9,937.88	63.47	129.288		
9,900.00	7,130.39	7,117.61	7,117.25	90.16	30.43	86.41	144.05	-9,740.26	9,998.70	9,937.99	63.56	127.533		
10,000.00	7,130.63	7,118.27	7,117.91	92.78	30.43	86.45	144.05	-9,740.27	9,998.60	9,938.10	63.66	125.766		
10,100.00	7,130.87	7,118.93	7,118.57	95.41	30.43	86.49	144.06	-9,740.27	9,998.50	9,938.21	63.78	123.988		
10,200.00	7,131.11	7,119.59	7,119.23	98.06	30.44	86.53	144.06	-9,740.27	9,998.40	9,938.32	63.90	122.198		
10,300.00	7,131.35	7,120.26	7,119.89	100.71	30.44	86.57	144.06	-9,740.27	9,998.30	9,938.43	64.03	120.396		
10,400.00	7,131.59	7,120.92	7,120.55	103.38	30.44	86.61	144.07	-9,740.28	9,998.20	9,938.54	64.17	118.582		
10,500.00	7,131.83	7,121.58	7,121.21	106.06	30.44	86.66	144.07	-9,740.28	9,998.10	9,938.65	64.32	116.757		
10,600.00	7,132.07	7,122.24	7,121.87	108.74	30.45	86.70	144.07	-9,740.28	9,998.00	9,938.76	64.49	114.919		
10,700.00	7,132.31	7,122.90	7,122.54	111.44	30.45	86.74	144.08	-9,740.29	9,997.90	9,938.87	64.67	113.070		
10,800.00	7,132.55	7,123.56	7,123.20	114.14	30.45	86.78	144.08	-9,740.29	9,997.80	9,938.98	64.86	111.210		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
10,900.00	7,132.79	7,124.22	7,123.86	116.85	30.46	86.82	144.09	-9,740.29	7,113.65	7,048.59	65.06	109.337		
11,000.00	7,133.03	7,124.88	7,124.52	119.57	30.46	86.86	144.09	-9,740.29	7,014.52	6,949.24	65.28	107.453		
11,100.00	7,133.27	7,125.55	7,125.18	122.29	30.46	86.90	144.09	-9,740.30	6,915.43	6,849.91	65.51	105.557		
11,200.00	7,133.51	7,126.21	7,125.84	125.02	30.46	86.94	144.10	-9,740.30	6,816.35	6,750.59	65.76	103.651		
11,300.00	7,133.74	7,126.87	7,126.50	127.76	30.47	86.98	144.10	-9,740.30	6,717.31	6,651.28	66.03	101.733		
11,400.00	7,133.98	7,127.53	7,127.16	130.50	30.47	87.02	144.10	-9,740.31	6,618.29	6,551.98	66.31	99.804		
11,500.00	7,134.22	7,128.19	7,127.83	133.24	30.47	87.06	144.11	-9,740.31	6,519.31	6,452.69	66.62	97.865		
11,600.00	7,134.46	7,128.85	7,128.49	135.99	30.48	87.10	144.11	-9,740.31	6,420.35	6,353.42	66.94	95.915		
11,700.00	7,134.70	7,129.51	7,129.15	138.75	30.48	87.14	144.11	-9,740.31	6,321.43	6,254.15	67.28	93.956		
11,800.00	7,134.94	7,130.18	7,129.81	141.51	30.48	87.18	144.12	-9,740.32	6,222.55	6,154.90	67.65	91.987		
11,900.00	7,135.18	7,130.84	7,130.47	144.27	30.48	87.22	144.12	-9,740.32	6,123.70	6,055.66	68.03	90.009		
12,000.00	7,135.42	7,131.50	7,131.13	147.03	30.49	87.26	144.13	-9,740.32	6,024.88	5,956.43	68.45	88.022		
12,100.00	7,135.66	7,132.16	7,131.79	149.80	30.49	87.30	144.13	-9,740.33	5,926.11	5,857.22	68.89	86.028		
12,200.00	7,135.90	7,132.82	7,132.45	152.58	30.49	87.34	144.13	-9,740.33	5,827.38	5,758.03	69.35	84.027		
12,300.00	7,136.14	7,133.48	7,133.12	155.35	30.50	87.39	144.14	-9,740.33	5,728.69	5,658.84	69.85	82.018		
12,400.00	7,136.38	7,134.14	7,133.78	158.13	30.50	87.43	144.14	-9,740.33	5,630.05	5,559.68	70.37	80.005		
12,500.00	7,136.62	7,134.80	7,134.44	160.91	30.50	87.47	144.14	-9,740.34	5,531.46	5,460.53	70.93	77.986		
12,600.00	7,136.86	7,135.47	7,135.10	163.70	30.50	87.51	144.15	-9,740.34	5,432.91	5,361.39	71.52	75.963		
12,700.00	7,137.10	7,136.13	7,135.76	166.48	30.51	87.55	144.15	-9,740.34	5,334.43	5,262.28	72.15	73.937		
12,800.00	7,137.34	7,136.79	7,136.42	169.27	30.51	87.59	144.16	-9,740.35	5,236.00	5,163.18	72.81	71.909		
12,900.00	7,137.58	7,137.45	7,137.08	172.06	30.51	87.63	144.16	-9,740.35	5,137.63	5,064.11	73.52	69.880		
13,000.00	7,137.82	7,138.11	7,137.75	174.86	30.51	87.67	144.16	-9,740.35	5,039.32	4,965.05	74.27	67.852		
13,100.00	7,138.06	7,138.77	7,138.41	177.65	30.52	87.71	144.17	-9,740.35	4,941.09	4,866.02	75.06	65.824		
13,200.00	7,138.30	7,139.43	7,139.07	180.45	30.52	87.75	144.17	-9,740.36	4,842.92	4,767.01	75.91	63.800		
13,300.00	7,138.54	7,140.09	7,139.73	183.25	30.52	87.79	144.17	-9,740.36	4,744.83	4,668.03	76.80	61.780		
13,400.00	7,138.78	7,140.76	7,140.39	186.05	30.53	87.83	144.18	-9,740.36	4,646.82	4,569.07	77.75	59.765		
13,500.00	7,139.02	7,141.42	7,141.05	188.85	30.53	87.87	144.18	-9,740.37	4,548.90	4,470.15	78.76	57.758		
13,600.00	7,139.25	7,142.08	7,141.71	191.65	30.53	87.91	144.18	-9,740.37	4,451.08	4,371.25	79.83	55.759		
13,700.00	7,139.49	7,142.74	7,142.37	194.46	30.53	87.95	144.19	-9,740.37	4,353.35	4,272.38	80.96	53.771		
13,800.00	7,139.73	7,143.40	7,143.04	197.27	30.54	87.99	144.19	-9,740.37	4,255.72	4,173.56	82.17	51.794		
13,900.00	7,139.97	7,144.06	7,143.70	200.08	30.54	88.03	144.20	-9,740.38	4,158.21	4,074.76	83.45	49.831		
14,000.00	7,140.21	7,144.72	7,144.36	202.89	30.54	88.08	144.20	-9,740.38	4,060.82	3,976.01	84.81	47.884		
14,100.00	7,140.45	7,145.39	7,145.02	205.70	30.55	88.12	144.20	-9,740.38	3,963.56	3,877.31	86.25	45.954		
14,200.00	7,140.69	7,146.05	7,145.68	208.51	30.55	88.16	144.21	-9,740.38	3,866.44	3,778.65	87.79	44.043		
14,300.00	7,140.93	7,146.71	7,146.34	211.32	30.55	88.20	144.21	-9,740.39	3,769.47	3,680.04	89.42	42.153		
14,400.00	7,141.17	7,147.37	7,147.00	214.14	30.55	88.24	144.21	-9,740.39	3,672.66	3,581.49	91.17	40.286		
14,500.00	7,141.41	7,148.03	7,147.66	216.95	30.56	88.28	144.22	-9,740.39	3,576.03	3,483.01	93.02	38.443		
14,600.00	7,141.65	7,148.69	7,148.33	219.77	30.56	88.32	144.22	-9,740.40	3,479.58	3,384.59	95.00	36.628		
14,700.00	7,141.89	7,149.35	7,148.99	222.59	30.56	88.36	144.22	-9,740.40	3,383.35	3,286.24	97.11	34.841		
14,800.00	7,142.13	7,150.01	7,149.65	225.41	30.57	88.40	144.23	-9,740.40	3,287.34	3,187.98	99.36	33.085		
14,900.00	7,142.37	7,150.68	7,150.31	228.23	30.57	88.44	144.23	-9,740.40	3,191.57	3,089.80	101.77	31.361		
15,000.00	7,142.61	7,151.34	7,150.97	231.05	30.57	88.48	144.24	-9,740.41	3,096.07	2,991.73	104.34	29.672		
15,100.00	7,142.85	7,152.00	7,151.63	233.87	30.57	88.52	144.24	-9,740.41	3,000.86	2,893.77	107.10	28.020		
15,200.00	7,143.09	7,152.66	7,152.29	236.69	30.58	88.56	144.24	-9,740.41	2,905.98	2,795.93	110.05	26.405		
15,300.00	7,143.33	7,153.32	7,152.95	239.52	30.58	88.60	144.25	-9,740.42	2,811.45	2,698.23	113.22	24.831		
15,400.00	7,143.57	7,153.98	7,153.62	242.34	30.58	88.64	144.25	-9,740.42	2,717.31	2,600.68	116.63	23.299		
15,500.00	7,143.81	7,154.64	7,154.28	245.17	30.59	88.68	144.25	-9,740.42	2,623.61	2,503.32	120.29	21.811		
15,600.00	7,144.05	7,155.30	7,154.94	247.99	30.59	88.73	144.26	-9,740.42	2,530.38	2,406.15	124.23	20.368		
15,700.00	7,144.29	7,155.97	7,155.60	250.82	30.59	88.77	144.26	-9,740.43	2,437.70	2,309.21	128.49	18.972		
15,800.00	7,144.53	7,156.63	7,156.26	253.64	30.59	88.81	144.26	-9,740.43	2,345.61	2,212.53	133.08	17.625		
15,900.00	7,144.76	7,157.29	7,156.92	256.47	30.60	88.85	144.27	-9,740.43	2,254.20	2,116.15	138.05	16.329		
16,000.00	7,145.00	7,157.95	7,157.58	259.30	30.60	88.89	144.27	-9,740.44	2,163.55	2,020.13	143.43	15.085		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
16,100.00	7,145.24	7,158.61	7,158.25	262.13	30.60	88.93	144.28	-9,740.44	2,073.76	1,924.50	149.26	13.894		
16,200.00	7,145.48	7,159.27	7,158.91	264.96	30.60	88.97	144.28	-9,740.44	1,984.95	1,829.35	155.59	12.757		
16,300.00	7,145.72	7,159.93	7,159.57	267.79	30.61	89.01	144.28	-9,740.44	1,897.24	1,734.77	162.47	11.677		
16,400.00	7,145.96	7,160.60	7,160.23	270.62	30.61	89.05	144.29	-9,740.45	1,810.82	1,640.86	169.96	10.655		
16,500.00	7,146.20	7,161.26	7,160.89	273.45	30.61	89.09	144.29	-9,740.45	1,725.86	1,547.75	178.10	9.690		
16,600.00	7,146.44	7,161.92	7,161.55	276.28	30.62	89.13	144.29	-9,740.45	1,642.59	1,455.62	186.97	8.785		
16,700.00	7,146.68	7,162.58	7,162.21	279.12	30.62	89.17	144.30	-9,740.46	1,561.29	1,364.67	196.61	7.941		
16,800.00	7,146.92	7,163.24	7,162.87	281.95	30.62	89.21	144.30	-9,740.46	1,482.28	1,275.19	207.08	7.158		
16,900.00	7,147.16	7,163.90	7,163.54	284.78	30.62	89.25	144.30	-9,740.46	1,405.94	1,187.52	218.42	6.437		
17,000.00	7,147.40	7,164.56	7,164.20	287.62	30.63	89.29	144.31	-9,740.46	1,332.73	1,102.11	230.62	5.779		
17,100.00	7,147.64	7,165.22	7,164.86	290.45	30.63	89.33	144.31	-9,740.47	1,263.21	1,019.54	243.67	5.184		
17,200.00	7,147.88	7,165.89	7,165.52	293.28	30.63	89.38	144.32	-9,740.47	1,198.00	940.54	257.46	4.653		
17,300.00	7,148.12	7,166.55	7,166.18	296.12	30.64	89.42	144.32	-9,740.47	1,137.86	866.05	271.81	4.186		
17,400.00	7,148.36	7,167.21	7,166.84	298.95	30.64	89.46	144.32	-9,740.48	1,083.62	797.21	286.41	3.783		
17,500.00	7,148.60	7,167.87	7,167.50	301.79	30.64	89.50	144.33	-9,740.48	1,036.22	735.41	300.81	3.445		
17,600.00	7,148.84	7,168.53	7,168.16	304.63	30.64	89.54	144.33	-9,740.48	996.63	682.23	314.40	3.170		
17,700.00	7,149.08	7,169.19	7,168.83	307.46	30.65	89.58	144.33	-9,740.48	965.80	639.35	326.45	2.958		
17,800.00	7,149.32	7,169.85	7,169.49	310.30	30.65	89.62	144.34	-9,740.49	944.61	608.40	336.21	2.810		
17,900.00	7,149.56	7,170.51	7,170.15	313.14	30.65	89.66	144.34	-9,740.49	933.70	590.71	342.99	2.722		
17,952.45	7,149.68	7,170.86	7,170.50	314.63	30.65	89.68	144.34	-9,740.49	932.23	587.03	345.20	2.701 CC, ES		
18,000.00	7,149.80	7,171.18	7,170.81	315.98	30.66	89.70	144.34	-9,740.49	933.44	587.09	346.35	2.695 SF		
18,100.00	7,150.04	7,171.84	7,171.47	318.81	30.66	89.74	144.35	-9,740.50	943.83	597.68	346.15	2.727		
18,200.00	7,150.27	7,172.50	7,172.13	321.65	30.66	89.78	144.35	-9,740.50	964.53	621.89	342.64	2.815		
18,300.00	7,150.51	7,173.16	7,172.79	324.49	30.66	89.82	144.36	-9,740.50	994.90	658.57	336.33	2.958		
18,400.00	7,150.75	7,173.82	7,173.45	327.33	30.67	89.86	144.36	-9,740.50	1,034.09	706.21	327.88	3.154		
18,500.00	7,150.99	7,174.48	7,174.12	330.17	30.67	89.90	144.36	-9,740.51	1,081.13	763.14	317.99	3.400		
18,600.00	7,151.23	7,175.14	7,174.78	333.01	30.67	89.94	144.37	-9,740.51	1,135.05	827.78	307.27	3.694		
18,700.00	7,151.47	7,175.81	7,175.44	335.85	30.68	89.99	144.37	-9,740.51	1,194.93	898.69	296.24	4.034		
18,800.00	7,151.71	7,176.47	7,176.10	338.69	30.68	90.03	144.37	-9,740.51	1,259.90	974.64	285.26	4.417		
18,900.00	7,151.95	7,177.13	7,176.76	341.53	30.68	90.07	144.38	-9,740.52	1,329.23	1,054.65	274.58	4.841		
18,920.23	7,152.00	7,177.26	7,176.90	342.10	30.68	90.07	144.38	-9,740.52	1,343.73	1,071.25	272.48	4.932		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-97.97	-1,196.00	-8,543.31	8,626.62					
100.00	100.00	114.00	114.00	3.28	3.97	-97.97	-1,196.00	-8,543.31	8,626.62	8,619.36	7.25	1,189.328		
200.00	200.00	214.00	214.00	3.34	6.60	-97.97	-1,196.00	-8,543.31	8,626.62	8,616.68	9.94	868.282		
300.00	299.98	313.98	313.98	3.44	9.78	142.02	-1,196.00	-8,543.31	8,627.99	8,614.77	13.22	652.496		
400.00	399.84	413.84	413.84	3.60	13.12	141.99	-1,196.00	-8,543.31	8,632.12	8,615.41	16.71	516.482		
500.00	499.45	513.45	513.45	3.80	16.51	141.94	-1,196.00	-8,543.31	8,638.99	8,618.69	20.31	425.451		
600.00	598.70	612.70	612.70	4.04	19.92	141.87	-1,196.00	-8,543.31	8,648.61	8,624.65	23.96	360.982		
700.00	697.47	711.47	711.47	4.33	23.32	141.78	-1,196.00	-8,543.31	8,660.97	8,633.32	27.65	313.233		
800.00	795.62	809.62	809.62	4.65	26.72	141.67	-1,196.00	-8,543.31	8,676.05	8,644.69	31.37	276.608		
865.50	859.53	873.53	873.53	4.89	28.94	141.59	-1,196.00	-8,543.31	8,687.41	8,653.60	33.81	256.959		
900.00	893.10	907.10	907.10	5.02	30.10	141.62	-1,196.00	-8,543.31	8,693.70	8,658.60	35.10	247.704		
1,000.00	990.42	1,004.42	1,004.42	5.41	33.48	141.71	-1,196.00	-8,543.31	8,711.94	8,673.10	38.84	224.282		
1,100.00	1,087.73	1,101.73	1,101.73	5.83	36.86	141.80	-1,196.00	-8,543.31	8,730.21	8,687.60	42.61	204.870		
1,200.00	1,185.05	1,200.95	1,199.05	6.27	40.31	141.90	-1,196.00	-8,543.31	8,748.50	8,702.03	46.47	188.268		
1,300.00	1,282.36	1,303.64	1,296.36	6.72	43.89	141.99	-1,196.00	-8,543.31	8,766.82	8,716.36	50.46	173.742		
1,400.00	1,379.67	1,406.33	1,393.67	7.18	47.46	142.08	-1,196.00	-8,543.31	8,785.15	8,730.69	54.46	161.308		
1,500.00	1,476.99	1,509.01	1,490.99	7.65	51.04	142.17	-1,196.00	-8,543.31	8,803.51	8,745.03	58.47	150.552		
1,600.00	1,574.30	1,588.30	1,588.30	8.13	53.80	142.26	-1,196.00	-8,543.31	8,821.89	8,760.20	61.68	143.025		
1,700.00	1,671.61	1,685.61	1,685.61	8.62	57.19	142.35	-1,196.00	-8,543.31	8,840.29	8,774.76	65.52	134.921		
1,800.00	1,768.93	1,782.93	1,782.93	9.11	60.59	142.44	-1,196.00	-8,543.31	8,858.71	8,789.34	69.37	127.705		
1,900.00	1,866.24	1,880.24	1,880.24	9.60	63.98	142.53	-1,196.00	-8,543.31	8,877.15	8,803.93	73.22	121.239		
2,000.00	1,963.56	1,977.56	1,977.56	10.10	67.37	142.62	-1,196.00	-8,543.31	8,895.62	8,818.54	77.08	115.413		
2,100.00	2,060.87	2,074.87	2,074.87	10.61	70.76	142.71	-1,196.00	-8,543.31	8,914.10	8,833.17	80.94	110.138		
2,200.00	2,158.18	2,172.18	2,172.18	11.11	74.16	142.80	-1,196.00	-8,543.31	8,932.61	8,847.81	84.80	105.340		
2,300.00	2,255.50	2,269.50	2,269.50	11.62	77.55	142.89	-1,196.00	-8,543.31	8,951.14	8,862.47	88.66	100.957		
2,400.00	2,352.81	2,366.81	2,366.81	12.13	80.95	142.97	-1,196.00	-8,543.31	8,969.69	8,877.16	92.53	96.938		
2,500.00	2,450.13	2,464.13	2,464.13	12.65	84.34	143.06	-1,196.00	-8,543.31	8,988.26	8,891.86	96.40	93.239		
2,600.00	2,547.44	2,561.44	2,561.44	13.16	87.74	143.15	-1,196.00	-8,543.31	9,006.85	8,906.57	100.27	89.825		
2,700.00	2,644.75	2,658.75	2,658.75	13.68	91.13	143.24	-1,196.00	-8,543.31	9,025.46	8,921.31	104.14	86.663		
2,800.00	2,742.07	2,756.07	2,756.07	14.20	94.53	143.32	-1,196.00	-8,543.31	9,044.09	8,936.07	108.02	83.727		
2,900.00	2,839.38	2,853.38	2,853.38	14.71	97.92	143.41	-1,196.00	-8,543.31	9,062.74	8,950.84	111.89	80.994		
3,000.00	2,936.70	2,950.70	2,950.70	15.23	101.32	143.49	-1,196.00	-8,543.31	9,081.41	8,965.64	115.77	78.444		
3,100.00	3,034.01	3,048.01	3,048.01	15.76	104.71	143.58	-1,196.00	-8,543.31	9,100.10	8,980.45	119.65	76.058		
3,200.00	3,131.32	3,145.32	3,145.32	16.28	108.11	143.67	-1,196.00	-8,543.31	9,118.81	8,995.29	123.53	73.821		
3,300.00	3,228.64	3,242.64	3,242.64	16.80	111.50	143.75	-1,196.00	-8,543.31	9,137.54	9,010.14	127.40	71.721		
3,400.00	3,325.95	3,339.95	3,339.95	17.32	114.90	143.83	-1,196.00	-8,543.31	9,156.29	9,025.01	131.28	69.744		
3,500.00	3,423.26	3,437.26	3,437.26	17.85	118.30	143.92	-1,196.00	-8,543.31	9,175.06	9,039.90	135.16	67.881		
3,600.00	3,520.58	3,534.58	3,534.58	18.37	121.69	144.00	-1,196.00	-8,543.31	9,193.85	9,054.81	139.05	66.121		
3,700.00	3,617.89	3,631.89	3,631.89	18.90	125.09	144.09	-1,196.00	-8,543.31	9,212.66	9,069.73	142.93	64.457		
3,800.00	3,715.21	3,729.21	3,729.21	19.43	128.48	144.17	-1,196.00	-8,543.31	9,231.49	9,084.68	146.81	62.881		
3,900.00	3,812.52	3,826.52	3,826.52	19.95	131.88	144.25	-1,196.00	-8,543.31	9,250.33	9,099.64	150.69	61.386		
4,000.00	3,909.83	3,923.83	3,923.83	20.48	135.28	144.33	-1,196.00	-8,543.31	9,269.20	9,114.62	154.57	59.967		
4,100.00	4,007.15	4,021.15	4,021.15	21.01	138.67	144.42	-1,196.00	-8,543.31	9,288.08	9,129.63	158.46	58.616		
4,200.00	4,104.46	4,118.46	4,118.46	21.53	142.07	144.50	-1,196.00	-8,543.31	9,306.98	9,144.64	162.34	57.331		
4,300.00	4,201.78	4,215.78	4,215.78	22.06	145.46	144.58	-1,196.00	-8,543.31	9,325.90	9,159.68	166.22	56.105		
4,400.00	4,299.09	4,313.09	4,313.09	22.59	148.86	144.66	-1,196.00	-8,543.31	9,344.84	9,174.74	170.11	54.936		
4,500.00	4,396.40	4,410.40	4,410.40	23.12	152.26	144.74	-1,196.00	-8,543.31	9,363.80	9,189.81	173.99	53.818		
4,600.00	4,493.72	4,507.72	4,507.72	23.65	155.65	144.82	-1,196.00	-8,543.31	9,382.78	9,204.90	177.87	52.750		
4,700.00	4,591.03	4,605.03	4,605.03	24.18	159.05	144.90	-1,196.00	-8,543.31	9,401.77	9,220.01	181.76	51.727		
4,800.00	4,688.34	4,702.34	4,702.34	24.71	162.45	144.98	-1,196.00	-8,543.31	9,420.78	9,235.14	185.64	50.747		
4,900.00	4,785.66	4,800.34	4,799.66	25.24	165.87	145.06	-1,196.00	-8,543.31	9,439.81	9,250.26	189.55	49.802		
5,000.00	4,882.97	4,903.03	4,896.97	25.77	169.45	145.14	-1,196.00	-8,543.31	9,458.86	9,265.24	193.62	48.853		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,005.71	4,994.29	26.30	173.04	145.22	-1,196.00	-8,543.31	9,477.92	9,280.23	197.69	47.943		
5,200.00	5,077.60	5,108.40	5,091.60	26.83	176.62	145.30	-1,196.00	-8,543.31	9,497.01	9,295.24	201.76	47.070		
5,300.00	5,174.91	5,188.91	5,188.91	27.36	179.43	145.38	-1,196.00	-8,543.31	9,516.11	9,311.04	205.06	46.406		
5,400.00	5,272.23	5,286.23	5,286.23	27.89	182.83	145.45	-1,196.00	-8,543.31	9,535.22	9,326.28	208.95	45.635		
5,500.00	5,369.54	5,383.54	5,383.54	28.42	186.22	145.53	-1,196.00	-8,543.31	9,554.36	9,341.53	212.83	44.892		
5,600.00	5,466.86	5,480.86	5,480.86	28.95	189.62	145.61	-1,196.00	-8,543.31	9,573.51	9,356.79	216.72	44.175		
5,700.00	5,564.17	5,578.17	5,578.17	29.48	193.02	145.69	-1,196.00	-8,543.31	9,592.68	9,372.08	220.60	43.484		
5,800.00	5,661.48	5,675.48	5,675.48	30.01	196.41	145.76	-1,196.00	-8,543.31	9,611.87	9,387.38	224.49	42.817		
5,900.00	5,758.80	5,772.80	5,772.80	30.54	199.81	145.84	-1,196.00	-8,543.31	9,631.07	9,402.70	228.37	42.173		
6,000.00	5,856.11	5,870.11	5,870.11	31.07	203.21	145.91	-1,196.00	-8,543.31	9,650.29	9,418.03	232.26	41.550		
6,100.00	5,953.43	5,967.43	5,967.43	31.61	206.60	145.99	-1,196.00	-8,543.31	9,669.52	9,433.38	236.14	40.948		
6,200.00	6,050.74	6,064.74	6,064.74	32.14	210.00	146.07	-1,196.00	-8,543.31	9,688.78	9,448.75	240.03	40.366		
6,300.00	6,148.05	6,162.05	6,162.05	32.67	213.40	146.14	-1,196.00	-8,543.31	9,708.04	9,464.13	243.91	39.802		
6,400.00	6,245.37	6,259.37	6,259.37	33.20	216.79	146.22	-1,196.00	-8,543.31	9,727.33	9,479.53	247.80	39.255		
6,500.00	6,342.68	6,356.68	6,356.68	33.73	220.19	146.29	-1,196.00	-8,543.31	9,746.63	9,494.95	251.68	38.726		
6,520.81	6,362.93	6,376.93	6,376.93	33.85	220.90	146.31	-1,196.00	-8,543.31	9,750.65	9,498.16	252.49	38.618		
6,550.00	6,391.46	6,405.46	6,405.46	34.00	221.89	140.04	-1,196.00	-8,543.31	9,755.63	9,502.01	253.62	38.465		
6,600.00	6,440.79	6,454.79	6,454.79	34.23	223.62	121.20	-1,196.00	-8,543.31	9,761.10	9,505.53	255.57	38.193		
6,650.00	6,490.44	6,504.44	6,504.44	34.43	225.35	86.07	-1,196.00	-8,543.31	9,762.68	9,505.17	257.52	37.911		
6,700.00	6,540.10	6,554.10	6,554.10	34.60	227.08	49.93	-1,196.00	-8,543.31	9,760.35	9,500.93	259.43	37.622		
6,750.00	6,589.46	6,603.46	6,603.46	34.76	228.81	30.05	-1,196.00	-8,543.31	9,754.14	9,492.83	261.31	37.328		
6,800.00	6,638.22	6,652.22	6,652.22	34.92	230.51	19.92	-1,196.00	-8,543.31	9,744.07	9,480.92	263.14	37.030		
6,850.00	6,686.09	6,700.09	6,700.09	35.07	232.18	14.11	-1,196.00	-8,543.31	9,730.20	9,465.27	264.93	36.728		
6,900.00	6,732.75	6,746.75	6,746.75	35.24	233.81	10.38	-1,196.00	-8,543.31	9,712.63	9,445.98	266.66	36.424		
6,950.00	6,777.94	6,808.06	6,791.94	35.42	235.95	7.75	-1,196.00	-8,543.31	9,691.46	9,422.59	268.88	36.044		
7,000.00	6,821.36	6,835.36	6,835.36	35.61	236.90	5.77	-1,196.00	-8,543.31	9,666.83	9,396.93	269.90	35.817		
7,050.00	6,862.75	6,876.75	6,876.75	35.83	238.34	4.16	-1,196.00	-8,543.31	9,638.87	9,367.48	271.39	35.516		
7,100.00	6,901.85	6,915.85	6,915.85	36.06	239.71	2.77	-1,196.00	-8,543.31	9,607.77	9,334.97	272.80	35.219		
7,150.00	6,938.43	6,952.43	6,952.43	36.32	240.99	1.48	-1,196.00	-8,543.31	9,573.71	9,299.61	274.10	34.927		
7,200.00	6,972.26	6,986.26	6,986.26	36.61	242.17	0.22	-1,196.00	-8,543.31	9,536.91	9,261.61	275.30	34.642		
7,250.00	7,003.13	7,017.13	7,017.13	36.93	243.25	-1.10	-1,196.00	-8,543.31	9,497.60	9,221.21	276.39	34.363		
7,300.00	7,030.85	7,044.85	7,044.85	37.29	244.21	-2.60	-1,196.00	-8,543.31	9,456.01	9,178.64	277.36	34.093		
7,350.00	7,055.25	7,069.25	7,069.25	37.68	245.06	-4.42	-1,196.00	-8,543.31	9,412.39	9,134.18	278.21	33.832		
7,400.00	7,076.17	7,109.83	7,090.17	38.12	246.48	-6.80	-1,196.00	-8,543.31	9,367.04	9,087.41	279.62	33.499		
7,450.00	7,093.50	7,107.50	7,107.50	38.60	246.40	-10.18	-1,196.00	-8,543.31	9,320.21	9,040.67	279.54	33.342		
7,500.00	7,107.11	7,121.11	7,121.11	39.11	246.87	-15.53	-1,196.00	-8,543.31	9,272.20	8,992.19	280.01	33.114		
7,550.00	7,116.94	7,130.94	7,130.94	39.66	247.22	-25.22	-1,196.00	-8,543.31	9,223.30	8,942.96	280.35	32.900		
7,600.00	7,122.91	7,136.91	7,136.91	40.24	247.43	-46.04	-1,196.00	-8,543.31	9,173.83	8,893.27	280.56	32.699		
7,650.18	7,125.00	7,139.00	7,139.00	40.85	247.50	-88.52	-1,196.00	-8,543.31	9,123.90	8,843.26	280.64	32.511		
7,700.00	7,125.12	7,139.12	7,139.12	41.48	247.50	-88.53	-1,196.00	-8,543.31	9,074.29	8,793.64	280.66	32.332		
7,800.00	7,125.36	7,139.36	7,139.36	42.88	247.51	-88.54	-1,196.00	-8,543.31	8,974.73	8,694.04	280.69	31.973		
7,900.00	7,125.60	7,139.60	7,139.60	44.42	247.52	-88.56	-1,196.00	-8,543.31	8,875.18	8,594.44	280.74	31.614		
8,000.00	7,125.84	7,139.84	7,139.84	46.10	247.53	-88.58	-1,196.00	-8,543.31	8,775.64	8,494.85	280.78	31.254		
8,100.00	7,126.08	7,140.08	7,140.08	47.89	247.54	-88.59	-1,196.00	-8,543.31	8,676.10	8,395.27	280.84	30.894		
8,200.00	7,126.32	7,140.32	7,140.32	49.79	247.55	-88.61	-1,196.00	-8,543.31	8,576.58	8,295.69	280.89	30.533		
8,300.00	7,126.56	7,140.56	7,140.56	51.79	247.55	-88.62	-1,196.00	-8,543.31	8,477.07	8,196.12	280.95	30.173		
8,400.00	7,126.80	7,140.80	7,140.80	53.86	247.56	-88.64	-1,196.00	-8,543.31	8,377.57	8,096.55	281.02	29.811		
8,500.00	7,127.04	7,141.04	7,141.04	56.00	247.57	-88.66	-1,196.00	-8,543.31	8,278.09	7,997.00	281.09	29.450		
8,600.00	7,127.28	7,141.28	7,141.28	58.21	247.58	-88.67	-1,196.00	-8,543.31	8,178.61	7,897.44	281.17	29.088		
8,689.38	7,127.49	7,141.49	7,141.49	60.24	247.59	-88.69	-1,196.00	-8,543.31	8,089.71	7,808.47	281.25	28.764		
8,700.00	7,127.52	7,141.52	7,141.52	60.48	247.59	-88.64	-1,196.00	-8,543.31	8,079.15	7,797.90	281.26	28.725		
8,800.00	7,127.76	7,141.76	7,141.76	62.79	247.60	-87.95	-1,196.00	-8,543.31	7,979.51	7,698.18	281.33	28.363		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,141.85	7,141.85	63.74	247.60	-87.41	-1,196.00	-8,543.31	7,938.51	7,657.15	281.36	28.215		
8,900.00	7,128.00	7,142.00	7,142.00	65.12	247.60	-87.43	-1,196.00	-8,543.31	7,879.67	7,598.27	281.39	28.002		
9,000.00	7,128.23	7,142.23	7,142.23	67.50	247.61	-87.46	-1,196.00	-8,543.31	7,779.81	7,498.36	281.45	27.642		
9,100.00	7,128.47	7,142.47	7,142.47	69.91	247.62	-87.49	-1,196.00	-8,543.31	7,679.96	7,398.44	281.52	27.281		
9,200.00	7,128.71	7,142.71	7,142.71	72.35	247.63	-87.53	-1,196.00	-8,543.31	7,580.11	7,298.53	281.58	26.920		
9,300.00	7,128.95	7,142.95	7,142.95	74.83	247.64	-87.56	-1,196.00	-8,543.31	7,480.27	7,198.61	281.65	26.558		
9,400.00	7,129.19	7,143.19	7,143.19	77.33	247.65	-87.59	-1,196.00	-8,543.31	7,380.43	7,098.70	281.73	26.197		
9,500.00	7,129.43	7,143.43	7,143.43	79.86	247.65	-87.62	-1,196.00	-8,543.31	7,280.59	6,998.79	281.81	25.836		
9,600.00	7,129.67	7,143.67	7,143.67	82.41	247.66	-87.66	-1,196.00	-8,543.31	7,180.76	6,898.87	281.89	25.474		
9,700.00	7,129.91	7,143.91	7,143.91	84.97	247.67	-87.69	-1,196.00	-8,543.31	7,080.93	6,798.96	281.97	25.112		
9,800.00	7,130.15	7,144.15	7,144.15	87.56	247.68	-87.72	-1,196.00	-8,543.31	6,981.11	6,699.05	282.06	24.750		
9,900.00	7,130.39	7,144.39	7,144.39	90.16	247.69	-87.76	-1,196.00	-8,543.31	6,881.30	6,599.14	282.15	24.388		
10,000.00	7,130.63	7,144.63	7,144.63	92.78	247.70	-87.79	-1,196.00	-8,543.31	6,781.49	6,499.23	282.25	24.026		
10,100.00	7,130.87	7,144.87	7,144.87	95.41	247.70	-87.82	-1,196.00	-8,543.31	6,681.68	6,399.32	282.36	23.664		
10,200.00	7,131.11	7,145.11	7,145.11	98.06	247.71	-87.85	-1,196.00	-8,543.31	6,581.88	6,299.42	282.46	23.302		
10,300.00	7,131.35	7,145.35	7,145.35	100.71	247.72	-87.89	-1,196.00	-8,543.31	6,482.09	6,199.51	282.58	22.939		
10,400.00	7,131.59	7,145.59	7,145.59	103.38	247.73	-87.92	-1,196.00	-8,543.31	6,382.30	6,099.61	282.69	22.577		
10,500.00	7,131.83	7,145.83	7,145.83	106.06	247.74	-87.95	-1,196.00	-8,543.31	6,282.52	5,999.70	282.82	22.214		
10,600.00	7,132.07	7,146.07	7,146.07	108.74	247.75	-87.98	-1,196.00	-8,543.31	6,182.75	5,899.80	282.95	21.851		
10,700.00	7,132.31	7,146.31	7,146.31	111.44	247.75	-88.02	-1,196.00	-8,543.31	6,082.98	5,799.90	283.09	21.488		
10,800.00	7,132.55	7,146.55	7,146.55	114.14	247.76	-88.05	-1,196.00	-8,543.31	5,983.23	5,700.00	283.23	21.125		
10,900.00	7,132.79	7,146.79	7,146.79	116.85	247.77	-88.08	-1,196.00	-8,543.31	5,883.48	5,600.10	283.38	20.762		
11,000.00	7,133.03	7,147.03	7,147.03	119.57	247.78	-88.11	-1,196.00	-8,543.31	5,783.74	5,500.20	283.54	20.399		
11,100.00	7,133.27	7,147.27	7,147.27	122.29	247.79	-88.15	-1,196.00	-8,543.31	5,684.01	5,400.30	283.70	20.035		
11,200.00	7,133.51	7,147.51	7,147.51	125.02	247.80	-88.18	-1,196.00	-8,543.31	5,584.28	5,300.41	283.88	19.671		
11,300.00	7,133.74	7,147.74	7,147.74	127.76	247.80	-88.21	-1,196.00	-8,543.31	5,484.57	5,200.51	284.06	19.308		
11,400.00	7,133.98	7,147.98	7,147.98	130.50	247.81	-88.25	-1,196.00	-8,543.31	5,384.87	5,100.62	284.25	18.944		
11,500.00	7,134.22	7,148.22	7,148.22	133.24	247.82	-88.28	-1,196.00	-8,543.31	5,285.18	5,000.73	284.46	18.580		
11,600.00	7,134.46	7,148.46	7,148.46	135.99	247.83	-88.31	-1,196.00	-8,543.31	5,185.50	4,900.84	284.67	18.216		
11,700.00	7,134.70	7,148.70	7,148.70	138.75	247.84	-88.34	-1,196.00	-8,543.31	5,085.84	4,800.95	284.89	17.852		
11,800.00	7,134.94	7,148.94	7,148.94	141.51	247.85	-88.38	-1,196.00	-8,543.31	4,986.19	4,701.06	285.13	17.487		
11,900.00	7,135.18	7,149.18	7,149.18	144.27	247.85	-88.41	-1,196.00	-8,543.31	4,886.55	4,601.17	285.38	17.123		
12,000.00	7,135.42	7,149.42	7,149.42	147.03	247.86	-88.44	-1,196.00	-8,543.31	4,786.93	4,501.28	285.65	16.758		
12,100.00	7,135.66	7,149.66	7,149.66	149.80	247.87	-88.47	-1,196.00	-8,543.31	4,687.32	4,401.39	285.93	16.393		
12,200.00	7,135.90	7,149.90	7,149.90	152.58	247.88	-88.51	-1,196.00	-8,543.31	4,587.73	4,301.51	286.23	16.028		
12,300.00	7,136.14	7,150.14	7,150.14	155.35	247.89	-88.54	-1,196.00	-8,543.31	4,488.16	4,201.62	286.54	15.663		
12,400.00	7,136.38	7,150.38	7,150.38	158.13	247.90	-88.57	-1,196.00	-8,543.31	4,388.61	4,101.74	286.87	15.298		
12,500.00	7,136.62	7,150.62	7,150.62	160.91	247.90	-88.60	-1,196.00	-8,543.31	4,289.08	4,001.85	287.23	14.933		
12,600.00	7,136.86	7,150.86	7,150.86	163.70	247.91	-88.64	-1,196.00	-8,543.31	4,189.57	3,901.97	287.60	14.567		
12,700.00	7,137.10	7,151.10	7,151.10	166.48	247.92	-88.67	-1,196.00	-8,543.31	4,090.09	3,802.08	288.01	14.201		
12,800.00	7,137.34	7,151.34	7,151.34	169.27	247.93	-88.70	-1,196.00	-8,543.31	3,990.63	3,702.20	288.43	13.836		
12,900.00	7,137.58	7,151.58	7,151.58	172.06	247.94	-88.74	-1,196.00	-8,543.31	3,891.20	3,602.31	288.89	13.469		
13,000.00	7,137.82	7,151.82	7,151.82	174.86	247.95	-88.77	-1,196.00	-8,543.31	3,791.80	3,502.42	289.38	13.103		
13,100.00	7,138.06	7,152.06	7,152.06	177.65	247.95	-88.80	-1,196.00	-8,543.31	3,692.43	3,402.53	289.90	12.737		
13,200.00	7,138.30	7,152.30	7,152.30	180.45	247.96	-88.83	-1,196.00	-8,543.31	3,593.10	3,302.64	290.46	12.370		
13,300.00	7,138.54	7,152.54	7,152.54	183.25	247.97	-88.87	-1,196.00	-8,543.31	3,493.80	3,202.74	291.06	12.004		
13,400.00	7,138.78	7,152.78	7,152.78	186.05	247.98	-88.90	-1,196.00	-8,543.31	3,394.55	3,102.84	291.71	11.637		
13,500.00	7,139.02	7,153.02	7,153.02	188.85	247.99	-88.93	-1,196.00	-8,543.31	3,295.34	3,002.93	292.40	11.270		
13,600.00	7,139.25	7,153.25	7,153.25	191.65	248.00	-88.96	-1,196.00	-8,543.31	3,196.18	2,903.02	293.16	10.903		
13,700.00	7,139.49	7,153.49	7,153.49	194.46	248.01	-89.00	-1,196.00	-8,543.31	3,097.07	2,803.10	293.97	10.535		
13,800.00	7,139.73	7,153.73	7,153.73	197.27	248.01	-89.03	-1,196.00	-8,543.31	2,998.03	2,703.18	294.85	10.168		
13,900.00	7,139.97	7,153.97	7,153.97	200.08	248.02	-89.06	-1,196.00	-8,543.31	2,899.05	2,603.24	295.81	9.800		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,140.21	7,154.21	7,154.21	202.89	248.03	-89.09	-1,196.00	-8,543.31	2,800.14	2,503.29	296.85	9.433		
14,100.00	7,140.45	7,154.45	7,154.45	205.70	248.04	-89.13	-1,196.00	-8,543.31	2,701.31	2,403.33	297.98	9.065		
14,200.00	7,140.69	7,154.69	7,154.69	208.51	248.05	-89.16	-1,196.00	-8,543.31	2,602.57	2,303.35	299.22	8.698		
14,300.00	7,140.93	7,154.93	7,154.93	211.32	248.06	-89.19	-1,196.00	-8,543.31	2,503.94	2,203.35	300.58	8.330		
14,400.00	7,141.17	7,155.17	7,155.17	214.14	248.06	-89.23	-1,196.00	-8,543.31	2,405.41	2,103.34	302.07	7.963		
14,500.00	7,141.41	7,155.41	7,155.41	216.95	248.07	-89.26	-1,196.00	-8,543.31	2,307.01	2,003.29	303.72	7.596		
14,600.00	7,141.65	7,155.65	7,155.65	219.77	248.08	-89.29	-1,196.00	-8,543.31	2,208.76	1,903.22	305.54	7.229		
14,700.00	7,141.89	7,155.89	7,155.89	222.59	248.09	-89.32	-1,196.00	-8,543.31	2,110.66	1,803.11	307.56	6.863		
14,800.00	7,142.13	7,156.13	7,156.13	225.41	248.10	-89.36	-1,196.00	-8,543.31	2,012.76	1,702.96	309.80	6.497		
14,900.00	7,142.37	7,156.37	7,156.37	228.23	248.11	-89.39	-1,196.00	-8,543.31	1,915.07	1,602.77	312.31	6.132		
15,000.00	7,142.61	7,156.61	7,156.61	231.05	248.11	-89.42	-1,196.00	-8,543.31	1,817.64	1,502.52	315.12	5.768		
15,100.00	7,142.85	7,156.85	7,156.85	233.87	248.12	-89.45	-1,196.00	-8,543.31	1,720.50	1,402.21	318.29	5.405		
15,200.00	7,143.09	7,157.09	7,157.09	236.69	248.13	-89.49	-1,196.00	-8,543.31	1,623.71	1,301.83	321.87	5.045		
15,300.00	7,143.33	7,157.33	7,157.33	239.52	248.14	-89.52	-1,196.00	-8,543.31	1,527.33	1,201.37	325.95	4.686		
15,400.00	7,143.57	7,157.57	7,157.57	242.34	248.15	-89.55	-1,196.00	-8,543.31	1,431.44	1,100.83	330.61	4.330		
15,500.00	7,143.81	7,157.81	7,157.81	245.17	248.16	-89.59	-1,196.00	-8,543.31	1,336.16	1,000.18	335.98	3.977		
15,600.00	7,144.05	7,158.05	7,158.05	247.99	248.16	-89.62	-1,196.00	-8,543.31	1,241.62	899.43	342.19	3.628		
15,700.00	7,144.29	7,158.29	7,158.29	250.82	248.17	-89.65	-1,196.00	-8,543.31	1,148.01	798.58	349.44	3.285		
15,800.00	7,144.53	7,158.53	7,158.53	253.64	248.18	-89.68	-1,196.00	-8,543.31	1,055.57	697.63	357.94	2.949		
15,900.00	7,144.76	7,158.76	7,158.76	256.47	248.19	-89.72	-1,196.00	-8,543.31	964.64	596.63	368.01	2.621		
16,000.00	7,145.00	7,159.00	7,159.00	259.30	248.20	-89.75	-1,196.00	-8,543.31	875.69	495.69	380.00	2.304		
16,100.00	7,145.24	7,159.24	7,159.24	262.13	248.21	-89.78	-1,196.00	-8,543.31	789.39	395.04	394.35	2.002		
16,200.00	7,145.48	7,159.48	7,159.48	264.96	248.21	-89.81	-1,196.00	-8,543.31	706.71	295.17	411.54	1.717		
16,300.00	7,145.72	7,159.72	7,159.72	267.79	248.22	-89.85	-1,196.00	-8,543.31	629.08	197.10	431.98	1.456 Level 3		
16,400.00	7,145.96	7,159.96	7,159.96	270.62	248.23	-89.88	-1,196.00	-8,543.31	558.61	102.91	455.69	1.226 Level 2		
16,500.00	7,146.20	7,160.20	7,160.20	273.45	248.24	-89.91	-1,196.00	-8,543.31	498.34	16.73	481.61	1.035 Level 2		
16,600.00	7,146.44	7,160.44	7,160.44	276.28	248.25	-89.94	-1,196.00	-8,543.31	452.37	-54.12	506.50	0.893 Level 1		
16,700.00	7,146.68	7,160.68	7,160.68	279.12	248.26	-89.98	-1,196.00	-8,543.31	425.37	-99.04	524.42	0.811 Level 1		
16,768.50	7,146.85	7,160.85	7,160.85	281.06	248.26	-90.00	-1,196.00	-8,543.31	419.82	-109.47	529.29	0.793 Level 1, CC, ES, SF		
16,800.00	7,146.92	7,160.92	7,160.92	281.95	248.26	-90.01	-1,196.00	-8,543.31	421.00	-108.10	529.10	0.796 Level 1		
16,900.00	7,147.16	7,161.16	7,161.16	284.78	248.27	-90.04	-1,196.00	-8,543.31	439.94	-79.09	519.02	0.848 Level 1		
17,000.00	7,147.40	7,161.40	7,161.40	287.62	248.28	-90.08	-1,196.00	-8,543.31	479.42	-19.39	498.81	0.961 Level 1		
17,100.00	7,147.64	7,161.64	7,161.64	290.45	248.29	-90.11	-1,196.00	-8,543.31	534.92	60.02	474.90	1.126 Level 2		
17,200.00	7,147.88	7,161.88	7,161.88	293.28	248.30	-90.14	-1,196.00	-8,543.31	602.03	150.35	451.68	1.333 Level 3		
17,300.00	7,148.12	7,162.12	7,162.12	296.12	248.31	-90.17	-1,196.00	-8,543.31	677.31	246.25	431.06	1.571		
17,400.00	7,148.36	7,162.36	7,162.36	298.95	248.31	-90.21	-1,196.00	-8,543.31	758.32	344.87	413.45	1.834		
17,500.00	7,148.60	7,162.60	7,162.60	301.79	248.32	-90.24	-1,196.00	-8,543.31	843.41	444.77	398.64	2.116		
17,600.00	7,148.84	7,162.84	7,162.84	304.63	248.33	-90.27	-1,196.00	-8,543.31	931.47	545.26	386.22	2.412		
17,700.00	7,149.08	7,163.08	7,163.08	307.46	248.34	-90.30	-1,196.00	-8,543.31	1,021.74	645.97	375.77	2.719		
17,800.00	7,149.32	7,163.32	7,163.32	310.30	248.35	-90.34	-1,196.00	-8,543.31	1,113.66	746.73	366.93	3.035		
17,900.00	7,149.56	7,163.56	7,163.56	313.14	248.36	-90.37	-1,196.00	-8,543.31	1,206.87	847.46	359.41	3.358		
18,000.00	7,149.80	7,163.80	7,163.80	315.98	248.36	-90.40	-1,196.00	-8,543.31	1,301.09	948.14	352.96	3.686		
18,100.00	7,150.04	7,164.04	7,164.04	318.81	248.37	-90.44	-1,196.00	-8,543.31	1,396.12	1,048.73	347.39	4.019		
18,200.00	7,150.27	7,164.27	7,164.27	321.65	248.38	-90.47	-1,196.00	-8,543.31	1,491.79	1,149.24	342.55	4.355		
18,300.00	7,150.51	7,164.51	7,164.51	324.49	248.39	-90.50	-1,196.00	-8,543.31	1,588.00	1,249.68	338.32	4.694		
18,400.00	7,150.75	7,164.75	7,164.75	327.33	248.40	-90.53	-1,196.00	-8,543.31	1,684.65	1,350.04	334.61	5.035		
18,500.00	7,150.99	7,164.99	7,164.99	330.17	248.41	-90.57	-1,196.00	-8,543.31	1,781.67	1,450.34	331.32	5.377		
18,600.00	7,151.23	7,165.23	7,165.23	333.01	248.41	-90.60	-1,196.00	-8,543.31	1,879.00	1,550.59	328.41	5.721		
18,700.00	7,151.47	7,165.47	7,165.47	335.85	248.42	-90.63	-1,196.00	-8,543.31	1,976.60	1,650.78	325.82	6.067		
18,800.00	7,151.71	7,165.71	7,165.71	338.69	248.43	-90.66	-1,196.00	-8,543.31	2,074.42	1,750.93	323.50	6.412		
18,900.00	7,151.95	7,165.95	7,165.95	341.53	248.44	-90.70	-1,196.00	-8,543.31	2,172.45	1,851.03	321.41	6.759		
18,920.23	7,152.00	7,166.00	7,166.00	342.10	248.44	-90.70	-1,196.00	-8,543.31	2,192.30	1,871.28	321.02	6.829		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-79.88	1,503.83	-8,426.97	8,560.10					
100.00	100.00	126.00	126.00	3.28	4.22	-79.88	1,503.83	-8,426.97	8,560.10	8,552.60	7.50	1,140.826		
200.00	200.00	226.00	226.00	3.34	6.96	-79.88	1,503.83	-8,426.97	8,560.10	8,549.80	10.30	830.926		
300.00	299.98	325.98	325.98	3.44	10.18	160.11	1,503.83	-8,426.97	8,561.74	8,548.12	13.62	628.669		
400.00	399.84	425.84	425.84	3.60	13.52	160.09	1,503.83	-8,426.97	8,566.66	8,549.54	17.12	500.386		
500.00	499.45	525.45	525.45	3.80	16.92	160.05	1,503.83	-8,426.97	8,574.86	8,554.14	20.72	413.896		
600.00	598.70	624.70	624.70	4.04	20.33	160.00	1,503.83	-8,426.97	8,586.32	8,561.95	24.37	352.298		
700.00	697.47	723.47	723.47	4.33	23.74	159.94	1,503.83	-8,426.97	8,601.04	8,572.98	28.06	306.491		
800.00	795.62	821.62	821.62	4.65	27.14	159.85	1,503.83	-8,426.97	8,619.00	8,587.22	31.77	271.257		
865.50	859.53	885.53	885.53	4.89	29.35	159.79	1,503.83	-8,426.97	8,632.50	8,598.29	34.21	252.319		
900.00	893.10	919.10	919.10	5.02	30.52	159.81	1,503.83	-8,426.97	8,639.98	8,604.48	35.50	243.394		
1,000.00	990.42	1,016.42	1,016.42	5.41	33.90	159.86	1,503.83	-8,426.97	8,661.66	8,622.43	39.23	220.789		
1,100.00	1,087.73	1,113.73	1,113.73	5.83	37.28	159.91	1,503.83	-8,426.97	8,683.35	8,640.36	42.99	202.008		
1,200.00	1,185.05	1,211.05	1,211.05	6.27	40.66	159.97	1,503.83	-8,426.97	8,705.04	8,658.28	46.76	186.175		
1,300.00	1,282.36	1,308.36	1,308.36	6.72	44.05	160.02	1,503.83	-8,426.97	8,726.74	8,676.20	50.54	172.656		
1,400.00	1,379.67	1,405.67	1,405.67	7.18	47.44	160.07	1,503.83	-8,426.97	8,748.45	8,694.10	54.34	160.987		
1,500.00	1,476.99	1,502.99	1,502.99	7.65	50.83	160.12	1,503.83	-8,426.97	8,770.16	8,712.01	58.15	150.817		
1,600.00	1,574.30	1,600.30	1,600.30	8.13	54.22	160.17	1,503.83	-8,426.97	8,791.88	8,729.91	61.97	141.879		
1,700.00	1,671.61	1,702.39	1,697.61	8.62	57.78	160.22	1,503.83	-8,426.97	8,813.61	8,747.65	65.96	133.627		
1,800.00	1,768.93	1,805.07	1,794.93	9.11	61.36	160.27	1,503.83	-8,426.97	8,835.34	8,765.37	69.97	126.267		
1,900.00	1,866.24	1,907.76	1,892.24	9.60	64.94	160.32	1,503.83	-8,426.97	8,857.08	8,783.09	73.99	119.699		
2,000.00	1,963.56	1,989.56	1,989.56	10.10	67.79	160.37	1,503.83	-8,426.97	8,878.83	8,801.53	77.29	114.874		
2,100.00	2,060.87	2,086.87	2,086.87	10.61	71.18	160.42	1,503.83	-8,426.97	8,900.58	8,819.44	81.13	109.703		
2,200.00	2,158.18	2,184.18	2,184.18	11.11	74.58	160.47	1,503.83	-8,426.97	8,922.34	8,837.36	84.98	104.995		
2,300.00	2,255.50	2,281.50	2,281.50	11.62	77.97	160.52	1,503.83	-8,426.97	8,944.10	8,855.28	88.83	100.692		
2,400.00	2,352.81	2,378.81	2,378.81	12.13	81.37	160.57	1,503.83	-8,426.97	8,965.87	8,873.20	92.68	96.744		
2,500.00	2,450.13	2,476.13	2,476.13	12.65	84.76	160.62	1,503.83	-8,426.97	8,987.65	8,891.12	96.53	93.109		
2,600.00	2,547.44	2,573.44	2,573.44	13.16	88.15	160.67	1,503.83	-8,426.97	9,009.44	8,909.05	100.38	89.751		
2,700.00	2,644.75	2,670.75	2,670.75	13.68	91.55	160.71	1,503.83	-8,426.97	9,031.23	8,926.99	104.24	86.640		
2,800.00	2,742.07	2,768.07	2,768.07	14.20	94.94	160.76	1,503.83	-8,426.97	9,053.02	8,944.93	108.10	83.750		
2,900.00	2,839.38	2,865.38	2,865.38	14.71	98.34	160.81	1,503.83	-8,426.97	9,074.82	8,962.87	111.95	81.059		
3,000.00	2,936.70	2,962.70	2,962.70	15.23	101.74	160.86	1,503.83	-8,426.97	9,096.63	8,980.82	115.81	78.546		
3,100.00	3,034.01	3,060.01	3,060.01	15.76	105.13	160.90	1,503.83	-8,426.97	9,118.45	8,998.77	119.67	76.194		
3,200.00	3,131.32	3,157.32	3,157.32	16.28	108.53	160.95	1,503.83	-8,426.97	9,140.27	9,016.73	123.54	73.989		
3,300.00	3,228.64	3,254.64	3,254.64	16.80	111.92	161.00	1,503.83	-8,426.97	9,162.09	9,034.69	127.40	71.917		
3,400.00	3,325.95	3,351.95	3,351.95	17.32	115.32	161.05	1,503.83	-8,426.97	9,183.92	9,052.66	131.26	69.966		
3,500.00	3,423.26	3,449.26	3,449.26	17.85	118.71	161.09	1,503.83	-8,426.97	9,205.76	9,070.64	135.13	68.127		
3,600.00	3,520.58	3,546.58	3,546.58	18.37	122.11	161.14	1,503.83	-8,426.97	9,227.61	9,088.62	138.99	66.390		
3,700.00	3,617.89	3,643.89	3,643.89	18.90	125.51	161.18	1,503.83	-8,426.97	9,249.45	9,106.60	142.86	64.747		
3,800.00	3,715.21	3,741.21	3,741.21	19.43	128.90	161.23	1,503.83	-8,426.97	9,271.31	9,124.59	146.72	63.190		
3,900.00	3,812.52	3,838.52	3,838.52	19.95	132.30	161.28	1,503.83	-8,426.97	9,293.17	9,142.58	150.59	61.713		
4,000.00	3,909.83	3,935.83	3,935.83	20.48	135.69	161.32	1,503.83	-8,426.97	9,315.04	9,160.58	154.45	60.309		
4,100.00	4,007.15	4,033.15	4,033.15	21.01	139.09	161.37	1,503.83	-8,426.97	9,336.91	9,178.59	158.32	58.974		
4,200.00	4,104.46	4,130.46	4,130.46	21.53	142.49	161.41	1,503.83	-8,426.97	9,358.78	9,196.60	162.19	57.703		
4,300.00	4,201.78	4,227.78	4,227.78	22.06	145.88	161.46	1,503.83	-8,426.97	9,380.67	9,214.61	166.06	56.491		
4,400.00	4,299.09	4,325.09	4,325.09	22.59	149.28	161.50	1,503.83	-8,426.97	9,402.56	9,232.63	169.93	55.333		
4,500.00	4,396.40	4,422.40	4,422.40	23.12	152.68	161.54	1,503.83	-8,426.97	9,424.45	9,250.65	173.79	54.228		
4,600.00	4,493.72	4,519.72	4,519.72	23.65	156.07	161.59	1,503.83	-8,426.97	9,446.35	9,268.68	177.66	53.170		
4,700.00	4,591.03	4,617.03	4,617.03	24.18	159.47	161.63	1,503.83	-8,426.97	9,468.25	9,286.72	181.53	52.157		
4,800.00	4,688.34	4,714.34	4,714.34	24.71	162.87	161.68	1,503.83	-8,426.97	9,490.16	9,304.76	185.40	51.187		
4,900.00	4,785.66	4,811.66	4,811.66	25.24	166.26	161.72	1,503.83	-8,426.97	9,512.08	9,322.81	189.27	50.256		
5,000.00	4,882.97	4,908.97	4,908.97	25.77	169.66	161.76	1,503.83	-8,426.97	9,534.00	9,340.86	193.14	49.363		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,006.29	5,006.29	26.30	173.06	161.81	1,503.83	-8,426.97	9,555.92	9,358.91	197.01	48.505		
5,200.00	5,077.60	5,103.60	5,103.60	26.83	176.45	161.85	1,503.83	-8,426.97	9,577.85	9,376.97	200.88	47.679		
5,300.00	5,174.91	5,200.91	5,200.91	27.36	179.85	161.89	1,503.83	-8,426.97	9,599.79	9,395.04	204.75	46.885		
5,400.00	5,272.23	5,301.77	5,298.23	27.89	183.37	161.93	1,503.83	-8,426.97	9,621.73	9,412.98	208.75	46.093		
5,500.00	5,369.54	5,404.46	5,395.54	28.42	186.95	161.98	1,503.83	-8,426.97	9,643.67	9,430.87	212.80	45.317		
5,600.00	5,466.86	5,507.14	5,492.86	28.95	190.54	162.02	1,503.83	-8,426.97	9,665.62	9,448.76	216.86	44.570		
5,700.00	5,564.17	5,609.83	5,590.17	29.48	194.12	162.06	1,503.83	-8,426.97	9,687.58	9,466.66	220.92	43.851		
5,800.00	5,661.48	5,687.48	5,687.48	30.01	196.83	162.10	1,503.83	-8,426.97	9,709.54	9,485.43	224.11	43.326		
5,900.00	5,758.80	5,784.80	5,784.80	30.54	200.23	162.14	1,503.83	-8,426.97	9,731.50	9,503.53	227.98	42.686		
6,000.00	5,856.11	5,882.11	5,882.11	31.07	203.63	162.18	1,503.83	-8,426.97	9,753.47	9,521.63	231.85	42.068		
6,100.00	5,953.43	5,979.43	5,979.43	31.61	207.02	162.23	1,503.83	-8,426.97	9,775.45	9,539.73	235.72	41.471		
6,200.00	6,050.74	6,076.74	6,076.74	32.14	210.42	162.27	1,503.83	-8,426.97	9,797.43	9,557.84	239.59	40.892		
6,300.00	6,148.05	6,174.05	6,174.05	32.67	213.82	162.31	1,503.83	-8,426.97	9,819.41	9,575.95	243.46	40.332		
6,400.00	6,245.37	6,271.37	6,271.37	33.20	217.21	162.35	1,503.83	-8,426.97	9,841.40	9,594.07	247.33	39.790		
6,500.00	6,342.68	6,368.68	6,368.68	33.73	220.61	162.39	1,503.83	-8,426.97	9,863.40	9,612.19	251.21	39.264		
6,520.81	6,362.93	6,388.93	6,388.93	33.85	221.32	162.40	1,503.83	-8,426.97	9,867.97	9,615.96	252.01	39.157		
6,550.00	6,391.46	6,417.46	6,417.46	34.00	222.31	155.98	1,503.83	-8,426.97	9,873.75	9,620.61	253.14	39.005		
6,600.00	6,440.79	6,466.79	6,466.79	34.23	224.03	136.98	1,503.83	-8,426.97	9,880.63	9,625.54	255.09	38.734		
6,650.00	6,490.44	6,516.44	6,516.44	34.43	225.77	101.77	1,503.83	-8,426.97	9,883.68	9,626.64	257.03	38.453		
6,700.00	6,540.10	6,566.10	6,566.10	34.60	227.50	65.67	1,503.83	-8,426.97	9,882.86	9,623.91	258.95	38.165		
6,750.00	6,589.46	6,615.46	6,615.46	34.76	229.22	45.92	1,503.83	-8,426.97	9,878.20	9,617.36	260.84	37.871		
6,800.00	6,638.22	6,664.22	6,664.22	34.92	230.93	36.04	1,503.83	-8,426.97	9,869.71	9,607.04	262.68	37.574		
6,850.00	6,686.09	6,712.09	6,712.09	35.07	232.60	30.59	1,503.83	-8,426.97	9,857.46	9,592.99	264.46	37.273		
6,900.00	6,732.75	6,758.75	6,758.75	35.24	234.23	27.34	1,503.83	-8,426.97	9,841.51	9,575.32	266.19	36.972		
6,950.00	6,777.94	6,803.94	6,803.94	35.42	235.80	25.35	1,503.83	-8,426.97	9,821.98	9,554.13	267.85	36.670		
7,000.00	6,821.36	6,847.36	6,847.36	35.61	237.32	24.15	1,503.83	-8,426.97	9,798.98	9,529.55	269.42	36.370		
7,050.00	6,862.75	6,888.75	6,888.75	35.83	238.76	23.53	1,503.83	-8,426.97	9,772.65	9,501.74	270.91	36.073		
7,100.00	6,901.85	6,927.85	6,927.85	36.06	240.13	23.37	1,503.83	-8,426.97	9,743.15	9,470.85	272.30	35.780		
7,150.00	6,938.43	6,964.43	6,964.43	36.32	241.41	23.63	1,503.83	-8,426.97	9,710.68	9,437.09	273.60	35.493		
7,200.00	6,972.26	7,001.74	6,998.26	36.61	242.71	24.29	1,503.83	-8,426.97	9,675.43	9,400.53	274.90	35.196		
7,250.00	7,003.13	7,029.13	7,029.13	36.93	243.66	25.41	1,503.83	-8,426.97	9,637.63	9,361.77	275.86	34.937		
7,300.00	7,030.85	7,056.85	7,056.85	37.29	244.63	27.07	1,503.83	-8,426.97	9,597.49	9,320.68	276.81	34.671		
7,350.00	7,055.25	7,081.25	7,081.25	37.68	245.48	29.42	1,503.83	-8,426.97	9,555.28	9,277.62	277.65	34.415		
7,400.00	7,076.17	7,102.17	7,102.17	38.12	246.21	32.73	1,503.83	-8,426.97	9,511.24	9,232.87	278.37	34.168		
7,450.00	7,093.50	7,119.50	7,119.50	38.60	246.82	37.42	1,503.83	-8,426.97	9,465.66	9,186.70	278.96	33.932		
7,500.00	7,107.11	7,133.11	7,133.11	39.11	247.29	44.24	1,503.83	-8,426.97	9,418.82	9,139.39	279.43	33.707		
7,550.00	7,116.94	7,142.94	7,142.94	39.66	247.64	54.34	1,503.83	-8,426.97	9,371.00	9,091.22	279.77	33.495		
7,600.00	7,122.91	7,148.91	7,148.91	40.24	247.85	69.21	1,503.83	-8,426.97	9,322.49	9,042.50	279.99	33.296		
7,650.18	7,125.00	7,151.00	7,151.00	40.85	247.92	89.33	1,503.83	-8,426.97	9,273.42	8,993.35	280.08	33.110		
7,700.00	7,125.12	7,151.12	7,151.12	41.48	247.92	89.33	1,503.83	-8,426.97	9,224.62	8,944.51	280.11	32.933		
7,800.00	7,125.36	7,151.36	7,151.36	42.88	247.93	89.34	1,503.83	-8,426.97	9,126.69	8,846.52	280.17	32.575		
7,900.00	7,125.60	7,151.60	7,151.60	44.42	247.94	89.35	1,503.83	-8,426.97	9,028.82	8,748.56	280.26	32.216		
8,000.00	7,125.84	7,151.84	7,151.84	46.10	247.95	89.35	1,503.83	-8,426.97	8,930.98	8,650.63	280.35	31.856		
8,100.00	7,126.08	7,152.08	7,152.08	47.89	247.96	89.36	1,503.83	-8,426.97	8,833.20	8,552.73	280.47	31.495		
8,200.00	7,126.32	7,152.32	7,152.32	49.79	247.96	89.37	1,503.83	-8,426.97	8,735.47	8,454.87	280.60	31.132		
8,300.00	7,126.56	7,152.56	7,152.56	51.79	247.97	89.38	1,503.83	-8,426.97	8,637.79	8,357.04	280.75	30.767		
8,400.00	7,126.80	7,152.80	7,152.80	53.86	247.98	89.38	1,503.83	-8,426.97	8,540.16	8,259.24	280.92	30.401		
8,500.00	7,127.04	7,153.04	7,153.04	56.00	247.99	89.39	1,503.83	-8,426.97	8,442.59	8,161.48	281.11	30.033		
8,600.00	7,127.28	7,153.28	7,153.28	58.21	248.00	89.40	1,503.83	-8,426.97	8,345.07	8,063.75	281.32	29.664		
8,689.38	7,127.49	7,153.49	7,153.49	60.24	248.01	89.41	1,503.83	-8,426.97	8,257.96	7,976.44	281.52	29.333		
8,700.00	7,127.52	7,153.52	7,153.52	60.48	248.01	89.42	1,503.83	-8,426.97	8,247.62	7,966.07	281.55	29.294		
8,800.00	7,127.76	7,153.76	7,153.76	62.79	248.01	89.50	1,503.83	-8,426.97	8,150.74	7,868.91	281.82	28.922		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,153.85	7,153.85	63.74	248.02	89.53	1,503.83	-8,426.97	8,111.23	7,829.28	281.95	28.768		
8,900.00	7,128.00	7,154.00	7,154.00	65.12	248.02	89.53	1,503.83	-8,426.97	8,054.69	7,772.53	282.16	28.547		
9,000.00	7,128.23	7,154.23	7,154.23	67.50	248.03	89.54	1,503.83	-8,426.97	7,958.83	7,676.30	282.53	28.170		
9,100.00	7,128.47	7,154.47	7,154.47	69.91	248.04	89.55	1,503.83	-8,426.97	7,863.07	7,580.12	282.94	27.790		
9,200.00	7,128.71	7,154.71	7,154.71	72.35	248.05	89.55	1,503.83	-8,426.97	7,767.41	7,484.02	283.39	27.409		
9,300.00	7,128.95	7,154.95	7,154.95	74.83	248.06	89.56	1,503.83	-8,426.97	7,671.87	7,388.00	283.87	27.026		
9,400.00	7,129.19	7,155.19	7,155.19	77.33	248.06	89.56	1,503.83	-8,426.97	7,576.44	7,292.04	284.40	26.640		
9,500.00	7,129.43	7,155.43	7,155.43	79.86	248.07	89.57	1,503.83	-8,426.97	7,481.13	7,196.17	284.96	26.253		
9,600.00	7,129.67	7,155.67	7,155.67	82.41	248.08	89.58	1,503.83	-8,426.97	7,385.95	7,100.38	285.57	25.864		
9,700.00	7,129.91	7,155.91	7,155.91	84.97	248.09	89.58	1,503.83	-8,426.97	7,290.89	7,004.67	286.22	25.473		
9,800.00	7,130.15	7,156.15	7,156.15	87.56	248.10	89.59	1,503.83	-8,426.97	7,195.97	6,909.05	286.91	25.081		
9,900.00	7,130.39	7,156.39	7,156.39	90.16	248.11	89.59	1,503.83	-8,426.97	7,101.18	6,813.53	287.66	24.686		
10,000.00	7,130.63	7,156.63	7,156.63	92.78	248.11	89.60	1,503.83	-8,426.97	7,006.55	6,718.10	288.44	24.291		
10,100.00	7,130.87	7,156.87	7,156.87	95.41	248.12	89.61	1,503.83	-8,426.97	6,912.06	6,622.78	289.28	23.894		
10,200.00	7,131.11	7,157.11	7,157.11	98.06	248.13	89.61	1,503.83	-8,426.97	6,817.73	6,527.57	290.16	23.496		
10,300.00	7,131.35	7,157.35	7,157.35	100.71	248.14	89.62	1,503.83	-8,426.97	6,723.57	6,432.47	291.10	23.097		
10,400.00	7,131.59	7,157.59	7,157.59	103.38	248.15	89.63	1,503.83	-8,426.97	6,629.57	6,337.48	292.09	22.697		
10,500.00	7,131.83	7,157.83	7,157.83	106.06	248.16	89.63	1,503.83	-8,426.97	6,535.75	6,242.62	293.13	22.296		
10,600.00	7,132.07	7,158.07	7,158.07	108.74	248.16	89.64	1,503.83	-8,426.97	6,442.12	6,147.90	294.23	21.895		
10,700.00	7,132.31	7,158.31	7,158.31	111.44	248.17	89.64	1,503.83	-8,426.97	6,348.69	6,053.31	295.38	21.493		
10,800.00	7,132.55	7,158.55	7,158.55	114.14	248.18	89.65	1,503.83	-8,426.97	6,255.45	5,958.86	296.59	21.091		
10,900.00	7,132.79	7,158.79	7,158.79	116.85	248.19	89.66	1,503.83	-8,426.97	6,162.43	5,864.57	297.87	20.689		
11,000.00	7,133.03	7,159.03	7,159.03	119.57	248.20	89.66	1,503.83	-8,426.97	6,069.63	5,770.44	299.20	20.286		
11,100.00	7,133.27	7,159.27	7,159.27	122.29	248.21	89.67	1,503.83	-8,426.97	5,977.07	5,676.47	300.59	19.884		
11,200.00	7,133.51	7,159.51	7,159.51	125.02	248.21	89.67	1,503.83	-8,426.97	5,884.74	5,582.69	302.06	19.482		
11,300.00	7,133.74	7,159.74	7,159.74	127.76	248.22	89.68	1,503.83	-8,426.97	5,792.68	5,489.09	303.58	19.081		
11,400.00	7,133.98	7,159.98	7,159.98	130.50	248.23	89.69	1,503.83	-8,426.97	5,700.87	5,395.69	305.18	18.680		
11,500.00	7,134.22	7,160.22	7,160.22	133.24	248.24	89.69	1,503.83	-8,426.97	5,609.35	5,302.50	306.85	18.280		
11,600.00	7,134.46	7,160.46	7,160.46	135.99	248.25	89.70	1,503.83	-8,426.97	5,518.13	5,209.53	308.59	17.882		
11,700.00	7,134.70	7,160.70	7,160.70	138.75	248.26	89.70	1,503.83	-8,426.97	5,427.21	5,116.80	310.41	17.484		
11,800.00	7,134.94	7,160.94	7,160.94	141.51	248.27	89.71	1,503.83	-8,426.97	5,336.61	5,024.31	312.31	17.088		
11,900.00	7,135.18	7,161.18	7,161.18	144.27	248.27	89.72	1,503.83	-8,426.97	5,246.36	4,932.08	314.29	16.693		
12,000.00	7,135.42	7,161.42	7,161.42	147.03	248.28	89.72	1,503.83	-8,426.97	5,156.47	4,840.12	316.35	16.300		
12,100.00	7,135.66	7,161.66	7,161.66	149.80	248.29	89.73	1,503.83	-8,426.97	5,066.96	4,748.46	318.50	15.909		
12,200.00	7,135.90	7,161.90	7,161.90	152.58	248.30	89.73	1,503.83	-8,426.97	4,977.85	4,657.11	320.74	15.520		
12,300.00	7,136.14	7,162.14	7,162.14	155.35	248.31	89.74	1,503.83	-8,426.97	4,889.15	4,566.09	323.07	15.133		
12,400.00	7,136.38	7,162.38	7,162.38	158.13	248.32	89.75	1,503.83	-8,426.97	4,800.91	4,475.41	325.50	14.749		
12,500.00	7,136.62	7,162.62	7,162.62	160.91	248.32	89.75	1,503.83	-8,426.97	4,713.13	4,385.10	328.03	14.368		
12,600.00	7,136.86	7,162.86	7,162.86	163.70	248.33	89.76	1,503.83	-8,426.97	4,625.85	4,295.18	330.66	13.990		
12,700.00	7,137.10	7,163.10	7,163.10	166.48	248.34	89.76	1,503.83	-8,426.97	4,539.09	4,205.68	333.40	13.614		
12,800.00	7,137.34	7,163.34	7,163.34	169.27	248.35	89.77	1,503.83	-8,426.97	4,452.89	4,116.63	336.26	13.242		
12,900.00	7,137.58	7,163.58	7,163.58	172.06	248.36	89.78	1,503.83	-8,426.97	4,367.27	4,028.04	339.23	12.874		
13,000.00	7,137.82	7,163.82	7,163.82	174.86	248.37	89.78	1,503.83	-8,426.97	4,282.28	3,939.96	342.32	12.510		
13,100.00	7,138.06	7,164.06	7,164.06	177.65	248.37	89.79	1,503.83	-8,426.97	4,197.95	3,852.42	345.54	12.149		
13,200.00	7,138.30	7,164.30	7,164.30	180.45	248.38	89.79	1,503.83	-8,426.97	4,114.33	3,765.44	348.88	11.793		
13,300.00	7,138.54	7,164.54	7,164.54	183.25	248.39	89.80	1,503.83	-8,426.97	4,031.45	3,679.08	352.36	11.441		
13,400.00	7,138.78	7,164.78	7,164.78	186.05	248.40	89.81	1,503.83	-8,426.97	3,949.36	3,593.38	355.98	11.094		
13,500.00	7,139.02	7,165.02	7,165.02	188.85	248.41	89.81	1,503.83	-8,426.97	3,868.11	3,508.37	359.74	10.752		
13,600.00	7,139.25	7,165.25	7,165.25	191.65	248.42	89.82	1,503.83	-8,426.97	3,787.77	3,424.11	363.66	10.416		
13,700.00	7,139.49	7,165.49	7,165.49	194.46	248.42	89.82	1,503.83	-8,426.97	3,708.38	3,340.66	367.72	10.085		
13,800.00	7,139.73	7,165.73	7,165.73	197.27	248.43	89.83	1,503.83	-8,426.97	3,630.00	3,258.07	371.94	9.760		
13,900.00	7,139.97	7,165.97	7,165.97	200.08	248.44	89.84	1,503.83	-8,426.97	3,552.72	3,176.40	376.32	9.441		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,140.21	7,166.21	7,166.21	202.89	248.45	89.84	1,503.83	-8,426.97	3,476.59	3,095.73	380.86	9.128		
14,100.00	7,140.45	7,166.45	7,166.45	205.70	248.46	89.85	1,503.83	-8,426.97	3,401.70	3,016.13	385.57	8.823		
14,200.00	7,140.69	7,166.69	7,166.69	208.51	248.47	89.85	1,503.83	-8,426.97	3,328.13	2,937.68	390.45	8.524		
14,300.00	7,140.93	7,166.93	7,166.93	211.32	248.47	89.86	1,503.83	-8,426.97	3,255.96	2,860.47	395.50	8.233		
14,400.00	7,141.17	7,167.17	7,167.17	214.14	248.48	89.87	1,503.83	-8,426.97	3,185.30	2,784.59	400.71	7.949		
14,500.00	7,141.41	7,167.41	7,167.41	216.95	248.49	89.87	1,503.83	-8,426.97	3,116.25	2,710.16	406.10	7.674		
14,600.00	7,141.65	7,167.65	7,167.65	219.77	248.50	89.88	1,503.83	-8,426.97	3,048.92	2,637.27	411.64	7.407		
14,700.00	7,141.89	7,167.89	7,167.89	222.59	248.51	89.88	1,503.83	-8,426.97	2,983.42	2,566.07	417.35	7.148		
14,800.00	7,142.13	7,168.13	7,168.13	225.41	248.52	89.89	1,503.83	-8,426.97	2,919.87	2,496.66	423.21	6.899		
14,900.00	7,142.37	7,168.37	7,168.37	228.23	248.52	89.90	1,503.83	-8,426.97	2,858.41	2,429.21	429.21	6.660		
15,000.00	7,142.61	7,168.61	7,168.61	231.05	248.53	89.90	1,503.83	-8,426.97	2,799.18	2,363.85	435.33	6.430		
15,100.00	7,142.85	7,168.85	7,168.85	233.87	248.54	89.91	1,503.83	-8,426.97	2,742.31	2,300.74	441.56	6.210		
15,200.00	7,143.09	7,169.09	7,169.09	236.69	248.55	89.91	1,503.83	-8,426.97	2,687.96	2,240.07	447.89	6.001		
15,300.00	7,143.33	7,169.33	7,169.33	239.52	248.56	89.92	1,503.83	-8,426.97	2,636.29	2,182.01	454.27	5.803		
15,400.00	7,143.57	7,169.57	7,169.57	242.34	248.57	89.93	1,503.83	-8,426.97	2,587.44	2,126.75	460.69	5.616		
15,500.00	7,143.81	7,169.81	7,169.81	245.17	248.57	89.93	1,503.83	-8,426.97	2,541.60	2,074.49	467.11	5.441		
15,600.00	7,144.05	7,170.05	7,170.05	247.99	248.58	89.94	1,503.83	-8,426.97	2,498.92	2,025.43	473.49	5.278		
15,700.00	7,144.29	7,170.29	7,170.29	250.82	248.59	89.94	1,503.83	-8,426.97	2,459.57	1,979.78	479.79	5.126		
15,800.00	7,144.53	7,170.53	7,170.53	253.64	248.60	89.95	1,503.83	-8,426.97	2,423.71	1,937.74	485.97	4.987		
15,900.00	7,144.76	7,170.76	7,170.76	256.47	248.61	89.96	1,503.83	-8,426.97	2,391.49	1,899.53	491.96	4.861		
16,000.00	7,145.00	7,171.00	7,171.00	259.30	248.62	89.96	1,503.83	-8,426.97	2,363.07	1,865.33	497.74	4.748		
16,100.00	7,145.24	7,171.24	7,171.24	262.13	248.62	89.97	1,503.83	-8,426.97	2,338.58	1,835.35	503.23	4.647		
16,200.00	7,145.48	7,171.48	7,171.48	264.96	248.63	89.97	1,503.83	-8,426.97	2,318.15	1,809.76	508.39	4.560		
16,300.00	7,145.72	7,171.72	7,171.72	267.79	248.64	89.98	1,503.83	-8,426.97	2,301.89	1,788.71	513.18	4.486		
16,400.00	7,145.96	7,171.96	7,171.96	270.62	248.65	89.99	1,503.83	-8,426.97	2,289.88	1,772.34	517.55	4.425		
16,500.00	7,146.20	7,172.20	7,172.20	273.45	248.66	89.99	1,503.83	-8,426.97	2,282.20	1,760.75	521.45	4.377		
16,600.00	7,146.44	7,172.44	7,172.44	276.28	248.67	90.00	1,503.83	-8,426.97	2,278.88	1,754.03	524.86	4.342		
16,625.65	7,146.50	7,172.50	7,172.50	277.01	248.67	90.00	1,503.83	-8,426.97	2,278.74	1,753.09	525.65	4.335 CC		
16,700.00	7,146.68	7,172.68	7,172.68	279.12	248.67	90.00	1,503.83	-8,426.97	2,279.95	1,752.20	527.75	4.320 ES		
16,800.00	7,146.92	7,172.92	7,172.92	281.95	248.68	90.01	1,503.83	-8,426.97	2,285.40	1,755.30	530.10	4.311 SF		
16,900.00	7,147.16	7,173.16	7,173.16	284.78	248.69	90.02	1,503.83	-8,426.97	2,295.19	1,763.27	531.92	4.315		
17,000.00	7,147.40	7,173.40	7,173.40	287.62	248.70	90.02	1,503.83	-8,426.97	2,309.28	1,776.08	533.20	4.331		
17,100.00	7,147.64	7,173.64	7,173.64	290.45	248.71	90.03	1,503.83	-8,426.97	2,327.59	1,793.63	533.96	4.359		
17,200.00	7,147.88	7,173.88	7,173.88	293.28	248.72	90.03	1,503.83	-8,426.97	2,350.00	1,815.79	534.21	4.399		
17,300.00	7,148.12	7,174.12	7,174.12	296.12	248.73	90.04	1,503.83	-8,426.97	2,376.42	1,842.44	533.99	4.450		
17,400.00	7,148.36	7,174.36	7,174.36	298.95	248.73	90.05	1,503.83	-8,426.97	2,406.71	1,873.39	533.32	4.513		
17,500.00	7,148.60	7,174.60	7,174.60	301.79	248.74	90.05	1,503.83	-8,426.97	2,440.72	1,908.48	532.24	4.586		
17,600.00	7,148.84	7,174.84	7,174.84	304.63	248.75	90.06	1,503.83	-8,426.97	2,478.30	1,947.51	530.79	4.669		
17,700.00	7,149.08	7,175.08	7,175.08	307.46	248.76	90.06	1,503.83	-8,426.97	2,519.30	1,990.28	529.02	4.762		
17,800.00	7,149.32	7,175.32	7,175.32	310.30	248.77	90.07	1,503.83	-8,426.97	2,563.54	2,036.59	526.95	4.865		
17,900.00	7,149.56	7,175.56	7,175.56	313.14	248.78	90.08	1,503.83	-8,426.97	2,610.86	2,086.22	524.64	4.977		
18,000.00	7,149.80	7,175.80	7,175.80	315.98	248.78	90.08	1,503.83	-8,426.97	2,661.10	2,138.99	522.11	5.097		
18,100.00	7,150.04	7,176.04	7,176.04	318.81	248.79	90.09	1,503.83	-8,426.97	2,714.10	2,194.68	519.41	5.225		
18,200.00	7,150.27	7,176.27	7,176.27	321.65	248.80	90.09	1,503.83	-8,426.97	2,769.69	2,253.12	516.57	5.362		
18,300.00	7,150.51	7,176.51	7,176.51	324.49	248.81	90.10	1,503.83	-8,426.97	2,827.73	2,314.11	513.62	5.505		
18,400.00	7,150.75	7,176.75	7,176.75	327.33	248.82	90.11	1,503.83	-8,426.97	2,888.07	2,377.48	510.59	5.656		
18,500.00	7,150.99	7,176.99	7,176.99	330.17	248.83	90.11	1,503.83	-8,426.97	2,950.56	2,443.06	507.50	5.814		
18,600.00	7,151.23	7,177.23	7,177.23	333.01	248.83	90.12	1,503.83	-8,426.97	3,015.07	2,510.71	504.37	5.978		
18,700.00	7,151.47	7,177.47	7,177.47	335.85	248.84	90.12	1,503.83	-8,426.97	3,081.48	2,580.26	501.22	6.148		
18,800.00	7,151.71	7,177.71	7,177.71	338.69	248.85	90.13	1,503.83	-8,426.97	3,149.67	2,651.60	498.07	6.324		
18,900.00	7,151.95	7,177.95	7,177.95	341.53	248.86	90.14	1,503.83	-8,426.97	3,219.51	2,724.58	494.93	6.505		
18,920.23	7,152.00	7,178.00	7,178.00	342.10	248.86	90.14	1,503.83	-8,426.97	3,233.84	2,739.54	494.30	6.542		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-167.14	-2,711.16	-619.11	2,780.97					
100.00	100.00	83.37	83.37	3.28	3.28	-167.14	-2,711.28	-619.13	2,781.08	2,774.51	6.57	423.325		
200.00	200.00	188.40	188.40	3.34	3.33	-167.14	-2,711.54	-619.04	2,781.30	2,774.63	6.67	416.974		
300.00	299.98	282.35	282.35	3.44	3.43	72.89	-2,711.74	-618.87	2,780.97	2,774.10	6.87	404.876		
400.00	399.84	381.61	381.61	3.60	3.57	73.02	-2,712.07	-618.96	2,779.78	2,772.61	7.17	387.812		
500.00	499.45	483.91	483.91	3.80	3.77	73.24	-2,712.33	-619.15	2,777.53	2,769.96	7.56	367.190		
600.00	598.70	582.19	582.19	4.04	4.00	73.54	-2,712.56	-619.23	2,774.26	2,766.23	8.03	345.333		
700.00	697.47	692.40	692.40	4.33	4.28	73.97	-2,712.69	-619.16	2,769.94	2,761.34	8.61	321.893		
800.00	795.62	783.12	783.12	4.65	4.54	74.41	-2,712.67	-619.12	2,764.62	2,755.43	9.19	300.909		
865.50	859.53	844.15	844.15	4.89	4.72	74.76	-2,712.76	-619.26	2,760.85	2,751.24	9.60	287.456		
900.00	893.10	876.88	876.87	5.02	4.83	74.91	-2,712.82	-619.33	2,758.80	2,748.97	9.83	280.523		
1,000.00	990.42	989.47	989.46	5.41	5.19	75.43	-2,712.87	-619.37	2,752.82	2,742.23	10.59	260.005		
1,100.00	1,087.73	1,078.15	1,078.15	5.83	5.49	75.84	-2,712.72	-619.30	2,746.78	2,735.48	11.30	243.106		
1,200.00	1,185.05	1,172.62	1,172.61	6.27	5.82	76.28	-2,712.81	-619.38	2,741.20	2,729.14	12.06	227.320		
1,300.00	1,282.36	1,268.09	1,268.09	6.72	6.16	76.73	-2,712.95	-619.41	2,735.84	2,723.00	12.85	212.961		
1,400.00	1,379.67	1,366.79	1,366.79	7.18	6.52	77.20	-2,713.15	-619.38	2,730.71	2,717.04	13.67	199.819		
1,500.00	1,476.99	1,464.86	1,464.85	7.65	6.89	77.66	-2,713.31	-619.26	2,725.68	2,711.18	14.50	187.984		
1,600.00	1,574.30	1,563.73	1,563.73	8.13	7.26	78.12	-2,713.44	-619.16	2,720.83	2,705.48	15.35	177.251		
1,700.00	1,671.61	1,660.12	1,660.12	8.62	7.63	78.57	-2,713.57	-618.92	2,716.11	2,699.90	16.20	167.630		
1,800.00	1,768.93	1,757.50	1,757.50	9.11	8.01	79.04	-2,713.65	-619.04	2,711.64	2,694.57	17.07	158.857		
1,900.00	1,866.24	1,861.31	1,861.31	9.60	8.42	79.53	-2,713.71	-618.87	2,707.24	2,689.27	17.97	150.662		
2,000.00	1,963.56	1,952.90	1,952.90	10.10	8.78	79.98	-2,713.54	-618.91	2,702.90	2,684.07	18.83	143.550		
2,100.00	2,060.87	2,042.82	2,042.82	10.61	9.13	80.41	-2,713.71	-619.19	2,699.14	2,679.45	19.69	137.085		
2,200.00	2,158.18	2,145.78	2,145.77	11.11	9.55	80.92	-2,713.85	-619.61	2,695.59	2,674.98	20.61	130.807		
2,300.00	2,255.50	2,249.14	2,249.13	11.62	9.96	81.43	-2,713.68	-619.96	2,691.93	2,670.40	21.53	125.025		
2,400.00	2,352.81	2,351.58	2,351.58	12.13	10.37	81.93	-2,713.44	-620.14	2,688.35	2,665.89	22.46	119.720		
2,500.00	2,450.13	2,452.94	2,452.93	12.65	10.78	82.42	-2,713.07	-619.95	2,684.71	2,661.33	23.38	114.835		
2,600.00	2,547.44	2,550.48	2,550.47	13.16	11.18	82.90	-2,712.70	-619.72	2,681.24	2,656.95	24.29	110.381		
2,700.00	2,644.75	2,646.26	2,646.25	13.68	11.57	83.36	-2,712.33	-619.52	2,677.96	2,652.76	25.20	106.270		
2,800.00	2,742.07	2,738.21	2,738.20	14.20	11.95	83.81	-2,712.18	-619.15	2,675.00	2,648.90	26.10	102.507		
2,900.00	2,839.38	2,832.25	2,832.24	14.71	12.33	84.27	-2,712.20	-618.92	2,672.46	2,645.45	27.00	98.967		
3,000.00	2,936.70	2,933.26	2,933.25	15.23	12.75	84.77	-2,711.99	-619.01	2,670.04	2,642.10	27.94	95.558		
3,100.00	3,034.01	3,029.00	3,028.99	15.76	13.15	85.24	-2,711.69	-619.18	2,667.76	2,638.90	28.86	92.437		
3,200.00	3,131.32	3,119.70	3,119.68	16.28	13.52	85.69	-2,711.67	-619.16	2,665.87	2,636.11	29.76	89.577		
3,300.00	3,228.64	3,211.88	3,211.86	16.80	13.90	86.15	-2,711.82	-619.30	2,664.40	2,633.73	30.67	86.876		
3,400.00	3,325.95	3,307.72	3,307.71	17.32	14.30	86.62	-2,712.15	-619.33	2,663.23	2,631.64	31.59	84.296		
3,500.00	3,423.26	3,403.98	3,403.97	17.85	14.70	87.09	-2,712.59	-619.23	2,662.31	2,629.79	32.52	81.863		
3,600.00	3,520.58	3,497.85	3,497.84	18.37	15.10	87.55	-2,713.10	-619.18	2,661.67	2,628.23	33.44	79.593		
3,700.00	3,617.89	3,590.84	3,590.82	18.90	15.48	88.00	-2,713.72	-619.18	2,661.36	2,627.01	34.36	77.461		
3,744.25	3,660.95	3,632.79	3,632.77	19.13	15.66	88.21	-2,714.04	-619.21	2,661.34	2,626.57	34.77	76.549		
3,800.00	3,715.21	3,685.95	3,685.93	19.43	15.88	88.47	-2,714.47	-619.25	2,661.38	2,626.10	35.28	75.428		
3,900.00	3,812.52	3,785.34	3,785.31	19.95	16.30	88.95	-2,715.26	-619.32	2,661.60	2,625.37	36.23	73.465		
4,000.00	3,909.83	3,883.95	3,883.92	20.48	16.71	89.43	-2,716.00	-619.32	2,661.94	2,624.77	37.17	71.611		
4,100.00	4,007.15	3,976.58	3,976.55	21.01	17.10	89.88	-2,716.78	-619.27	2,662.53	2,624.44	38.09	69.900		
4,200.00	4,104.46	4,071.78	4,071.75	21.53	17.50	90.34	-2,717.73	-619.28	2,663.46	2,624.44	39.02	68.259		
4,300.00	4,201.78	4,170.16	4,170.12	22.06	17.92	90.82	-2,718.81	-619.17	2,664.61	2,624.65	39.96	66.675		
4,400.00	4,299.09	4,265.38	4,265.33	22.59	18.32	91.27	-2,719.94	-618.89	2,665.93	2,625.04	40.89	65.190		
4,500.00	4,396.40	4,365.52	4,365.47	23.12	18.74	91.75	-2,721.10	-618.76	2,667.50	2,625.65	41.85	63.743		
4,600.00	4,493.72	4,461.51	4,461.45	23.65	19.15	92.22	-2,721.95	-618.86	2,669.14	2,626.36	42.78	62.389		
4,700.00	4,591.03	4,558.08	4,558.02	24.18	19.55	92.70	-2,722.62	-619.47	2,671.10	2,627.38	43.72	61.096		
4,800.00	4,688.34	4,656.85	4,656.78	24.71	19.97	93.19	-2,723.31	-619.95	2,673.20	2,628.54	44.67	59.846		
4,900.00	4,785.66	4,759.86	4,759.79	25.24	20.41	93.69	-2,724.15	-620.15	2,675.42	2,629.79	45.63	58.627		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,882.97	4,860.96	4,860.88	25.77	20.83	94.17	-2,725.06	-619.73	2,677.57	2,630.98	46.59	57.468		
5,100.00	4,980.29	4,960.52	4,960.44	26.30	21.25	94.64	-2,725.95	-619.26	2,679.86	2,632.32	47.54	56.366		
5,200.00	5,077.60	5,061.74	5,061.65	26.83	21.68	95.12	-2,726.60	-618.92	2,682.22	2,633.72	48.50	55.300		
5,300.00	5,174.91	5,158.94	5,158.86	27.36	22.10	95.59	-2,727.04	-618.68	2,684.66	2,635.22	49.44	54.298		
5,400.00	5,272.23	5,255.83	5,255.74	27.89	22.51	96.05	-2,727.46	-618.58	2,687.36	2,636.98	50.38	53.339		
5,500.00	5,369.54	5,354.62	5,354.54	28.42	22.92	96.53	-2,727.81	-618.53	2,690.21	2,638.88	51.33	52.409		
5,600.00	5,466.86	5,450.08	5,449.99	28.95	23.33	96.99	-2,728.10	-618.51	2,693.23	2,640.96	52.26	51.532		
5,700.00	5,564.17	5,544.74	5,544.65	29.48	23.73	97.45	-2,728.48	-618.57	2,696.57	2,643.38	53.19	50.694		
5,800.00	5,661.48	5,640.63	5,640.54	30.01	24.14	97.91	-2,728.85	-618.72	2,700.14	2,646.02	54.13	49.885		
5,900.00	5,758.80	5,734.75	5,734.66	30.54	24.54	98.37	-2,729.19	-619.06	2,704.00	2,648.95	55.05	49.117		
6,000.00	5,856.11	5,830.23	5,830.13	31.07	24.94	98.83	-2,729.51	-619.59	2,708.17	2,652.18	55.98	48.374		
6,100.00	5,953.43	5,928.13	5,928.03	31.61	25.36	99.31	-2,729.66	-620.34	2,712.51	2,655.59	56.93	47.649		
6,200.00	6,050.74	6,023.13	6,023.03	32.14	25.76	99.79	-2,729.53	-621.44	2,717.09	2,659.23	57.85	46.964		
6,300.00	6,148.05	6,116.51	6,116.40	32.67	26.16	100.26	-2,729.36	-622.76	2,722.00	2,663.22	58.77	46.313		
6,400.00	6,245.37	6,215.82	6,215.69	33.20	26.58	100.76	-2,729.05	-624.32	2,727.12	2,667.40	59.72	45.664		
6,500.00	6,342.68	6,313.97	6,313.83	33.73	26.99	101.25	-2,728.60	-625.91	2,732.38	2,671.72	60.66	45.043		
6,520.81	6,362.93	6,333.21	6,333.07	33.85	27.07	101.35	-2,728.51	-626.23	2,733.50	2,672.65	60.85	44.921		
6,550.00	6,391.46	6,360.33	6,360.18	34.00	27.19	95.23	-2,728.37	-626.70	2,734.68	2,673.56	61.11	44.747		
6,600.00	6,440.79	6,407.54	6,407.39	34.23	27.39	76.49	-2,728.14	-627.57	2,734.76	2,673.22	61.54	44.435		
6,650.00	6,490.44	6,456.73	6,456.57	34.43	27.60	41.27	-2,727.88	-628.51	2,732.37	2,670.42	61.95	44.103		
6,700.00	6,540.10	6,506.54	6,506.37	34.60	27.81	4.85	-2,727.62	-629.48	2,727.49	2,665.15	62.34	43.754		
6,750.00	6,589.46	6,559.93	6,559.74	34.76	28.04	-15.54	-2,727.31	-630.49	2,720.08	2,657.36	62.72	43.367		
6,800.00	6,638.22	6,612.71	6,612.52	34.92	28.26	-26.39	-2,726.95	-631.42	2,710.17	2,647.06	63.10	42.950		
6,850.00	6,686.09	6,663.27	6,663.07	35.07	28.47	-33.15	-2,726.61	-632.23	2,697.84	2,634.37	63.47	42.505		
6,900.00	6,732.75	6,713.90	6,713.69	35.24	28.69	-38.06	-2,726.27	-632.96	2,683.20	2,619.35	63.85	42.025		
6,950.00	6,777.94	6,765.87	6,765.65	35.42	28.91	-42.13	-2,725.83	-633.64	2,666.32	2,602.08	64.24	41.506		
7,000.00	6,821.36	6,816.18	6,815.96	35.61	29.12	-45.80	-2,725.30	-634.25	2,647.34	2,582.71	64.63	40.959		
7,050.00	6,862.75	6,864.94	6,864.72	35.83	29.33	-49.32	-2,724.62	-634.81	2,626.44	2,561.40	65.04	40.384		
7,100.00	6,901.85	6,911.04	6,910.80	36.06	29.52	-52.84	-2,723.84	-635.33	2,603.79	2,538.35	65.44	39.786		
7,150.00	6,938.43	6,946.06	6,945.81	36.32	29.67	-56.31	-2,723.15	-635.81	2,579.72	2,513.89	65.82	39.191		
7,200.00	6,972.26	6,980.25	6,979.99	36.61	29.82	-59.88	-2,722.41	-636.36	2,554.44	2,488.21	66.23	38.571		
7,250.00	7,003.13	7,012.79	7,012.51	36.93	29.96	-63.54	-2,721.63	-636.97	2,528.20	2,461.55	66.65	37.933		
7,300.00	7,030.85	7,043.91	7,043.62	37.29	30.09	-67.31	-2,720.81	-637.61	2,501.22	2,434.12	67.10	37.278		
7,350.00	7,055.25	7,071.60	7,071.29	37.68	30.21	-71.11	-2,720.01	-638.23	2,473.75	2,406.19	67.56	36.613		
7,400.00	7,076.17	7,095.68	7,095.35	38.12	30.31	-74.87	-2,719.26	-638.79	2,446.06	2,378.01	68.05	35.943		
7,450.00	7,093.50	7,115.98	7,115.64	38.60	30.39	-78.54	-2,718.59	-639.30	2,418.42	2,349.86	68.57	35.272		
7,500.00	7,107.11	7,129.33	7,128.97	39.11	30.45	-81.97	-2,718.16	-639.61	2,391.11	2,322.02	69.09	34.608		
7,550.00	7,116.94	7,140.38	7,140.01	39.66	30.50	-85.22	-2,717.80	-639.88	2,364.37	2,294.73	69.64	33.950		
7,600.00	7,122.91	7,147.60	7,147.23	40.24	30.53	-88.21	-2,717.57	-640.06	2,338.45	2,268.24	70.21	33.305		
7,650.18	7,125.00	7,150.97	7,150.60	40.85	30.55	-90.90	-2,717.46	-640.14	2,313.49	2,242.69	70.80	32.675		
7,700.00	7,125.12	7,152.38	7,152.00	41.48	30.55	-90.94	-2,717.41	-640.18	2,289.71	2,218.29	71.42	32.061		
7,800.00	7,125.36	7,155.20	7,154.82	42.88	30.57	-91.02	-2,717.32	-640.25	2,244.55	2,171.75	72.79	30.835		
7,900.00	7,125.60	7,158.01	7,157.63	44.42	30.58	-91.10	-2,717.23	-640.31	2,203.00	2,128.65	74.35	29.631		
8,000.00	7,125.84	7,160.83	7,160.45	46.10	30.59	-91.18	-2,717.14	-640.38	2,165.27	2,089.20	76.07	28.464		
8,100.00	7,126.08	7,163.65	7,163.26	47.89	30.60	-91.26	-2,717.05	-640.45	2,131.57	2,053.63	77.95	27.347		
8,200.00	7,126.32	7,166.47	7,166.08	49.79	30.62	-91.34	-2,716.96	-640.52	2,102.09	2,022.14	79.95	26.292		
8,300.00	7,126.56	7,169.29	7,168.89	51.79	30.63	-91.42	-2,716.86	-640.59	2,077.00	1,994.94	82.06	25.310		
8,400.00	7,126.80	7,172.10	7,171.71	53.86	30.64	-91.50	-2,716.77	-640.66	2,056.47	1,972.22	84.25	24.408		
8,500.00	7,127.04	7,174.92	7,174.53	56.00	30.65	-91.58	-2,716.68	-640.73	2,040.64	1,954.14	86.49	23.593		
8,600.00	7,127.28	7,177.74	7,177.34	58.21	30.67	-91.66	-2,716.59	-640.80	2,029.61	1,940.86	88.75	22.868		
8,689.38	7,127.49	7,180.26	7,179.86	60.24	30.68	-91.73	-2,716.51	-640.86	2,023.88	1,933.12	90.76	22.299		
8,700.00	7,127.52	7,180.56	7,180.16	60.48	30.68	-91.74	-2,716.50	-640.86	2,023.44	1,932.45	91.00	22.236		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	7,183.31	7,182.91	62.79	30.69	-91.82	-2,716.41	-640.93	2,020.11	1,926.91	93.20	21.675		
8,841.07	7,127.85	7,184.40	7,184.00	63.74	30.69	-91.85	-2,716.37	-640.96	2,019.17	1,925.08	94.08	21.462		
8,881.62	7,127.95	7,185.48	7,185.07	64.69	30.70	-91.88	-2,716.34	-640.99	2,018.76	1,923.82	94.94	21.263 CC		
8,900.00	7,128.00	7,185.96	7,185.56	65.12	30.70	-91.89	-2,716.32	-641.00	2,018.84	1,923.52	95.33	21.178 ES		
9,000.00	7,128.23	7,188.61	7,188.21	67.50	30.71	-91.97	-2,716.24	-641.06	2,022.22	1,924.85	97.38	20.767		
9,100.00	7,128.47	7,191.26	7,190.85	69.91	30.72	-92.04	-2,716.15	-641.13	2,030.53	1,931.20	99.33	20.443		
9,200.00	7,128.71	7,193.91	7,193.50	72.35	30.74	-92.12	-2,716.06	-641.19	2,043.69	1,942.53	101.16	20.202		
9,300.00	7,128.95	7,196.56	7,196.14	74.83	30.75	-92.19	-2,715.98	-641.26	2,061.63	1,958.76	102.86	20.042		
9,400.00	7,129.19	7,199.20	7,198.79	77.33	30.76	-92.27	-2,715.89	-641.32	2,084.21	1,979.78	104.43	19.959		
9,500.00	7,129.43	7,201.85	7,201.43	79.86	30.77	-92.34	-2,715.81	-641.38	2,111.28	2,005.44	105.84	19.947 SF		
9,600.00	7,129.67	7,204.50	7,204.08	82.41	30.78	-92.42	-2,715.72	-641.45	2,142.68	2,035.57	107.11	20.004		
9,700.00	7,129.91	7,207.15	7,206.72	84.97	30.79	-92.49	-2,715.63	-641.51	2,178.22	2,069.99	108.24	20.125		
9,800.00	7,130.15	7,209.79	7,209.37	87.56	30.81	-92.57	-2,715.55	-641.58	2,217.71	2,108.48	109.22	20.305		
9,900.00	7,130.39	7,212.44	7,212.02	90.16	30.82	-92.64	-2,715.46	-641.64	2,260.92	2,150.85	110.07	20.540		
10,000.00	7,130.63	7,215.09	7,214.66	92.78	30.83	-92.72	-2,715.38	-641.71	2,307.66	2,196.86	110.80	20.828		
10,100.00	7,130.87	7,217.74	7,217.31	95.41	30.84	-92.79	-2,715.29	-641.77	2,357.71	2,246.30	111.41	21.163		
10,200.00	7,131.11	7,220.39	7,219.95	98.06	30.85	-92.87	-2,715.20	-641.84	2,410.87	2,298.96	111.91	21.543		
10,300.00	7,131.35	7,223.03	7,222.60	100.71	30.86	-92.94	-2,715.12	-641.90	2,466.94	2,354.62	112.31	21.965		
10,400.00	7,131.59	7,225.68	7,225.24	103.38	30.87	-93.02	-2,715.03	-641.97	2,525.72	2,413.08	112.63	22.424		
10,500.00	7,131.83	7,228.33	7,227.89	106.06	30.89	-93.09	-2,714.95	-642.03	2,587.03	2,474.15	112.87	22.920		
10,600.00	7,132.07	7,230.98	7,230.53	108.74	30.90	-93.17	-2,714.86	-642.10	2,650.69	2,537.64	113.05	23.448		
10,700.00	7,132.31	7,233.62	7,233.18	111.44	30.91	-93.24	-2,714.77	-642.16	2,716.54	2,603.38	113.16	24.006		
10,800.00	7,132.55	7,236.27	7,235.83	114.14	30.92	-93.32	-2,714.69	-642.22	2,784.42	2,671.20	113.22	24.593		
10,900.00	7,132.79	7,238.92	7,238.47	116.85	30.93	-93.39	-2,714.60	-642.29	2,854.19	2,740.95	113.24	25.205		
11,000.00	7,133.03	7,241.57	7,241.12	119.57	30.94	-93.47	-2,714.52	-642.35	2,925.71	2,812.49	113.22	25.842		
11,100.00	7,133.27	7,244.21	7,243.76	122.29	30.96	-93.54	-2,714.43	-642.42	2,998.86	2,885.70	113.16	26.501		
11,200.00	7,133.51	7,246.86	7,246.41	125.02	30.97	-93.62	-2,714.34	-642.48	3,073.52	2,960.44	113.08	27.181		
11,300.00	7,133.74	7,249.51	7,249.05	127.76	30.98	-93.69	-2,714.26	-642.55	3,149.58	3,036.61	112.97	27.880		
11,400.00	7,133.98	7,252.16	7,251.70	130.50	30.99	-93.77	-2,714.17	-642.61	3,226.95	3,114.11	112.84	28.598		
11,500.00	7,134.22	7,254.81	7,254.34	133.24	31.00	-93.84	-2,714.08	-642.68	3,305.53	3,192.83	112.70	29.331		
11,600.00	7,134.46	7,257.45	7,256.99	135.99	31.01	-93.92	-2,714.00	-642.74	3,385.23	3,272.69	112.54	30.080		
11,700.00	7,134.70	7,260.10	7,259.64	138.75	31.03	-93.99	-2,713.91	-642.81	3,465.99	3,353.62	112.37	30.844		
11,800.00	7,134.94	7,262.75	7,262.28	141.51	31.04	-94.07	-2,713.83	-642.87	3,547.73	3,435.53	112.20	31.621		
11,900.00	7,135.18	7,265.40	7,264.93	144.27	31.05	-94.14	-2,713.74	-642.94	3,630.37	3,518.36	112.01	32.410		
12,000.00	7,135.42	7,268.04	7,267.57	147.03	31.06	-94.22	-2,713.65	-643.00	3,713.87	3,602.05	111.83	33.211		
12,100.00	7,135.66	7,270.69	7,270.22	149.80	31.07	-94.29	-2,713.57	-643.06	3,798.17	3,686.53	111.64	34.023		
12,200.00	7,135.90	7,273.34	7,272.86	152.58	31.08	-94.37	-2,713.48	-643.13	3,883.21	3,771.77	111.44	34.845		
12,300.00	7,136.14	7,275.99	7,275.51	155.35	31.10	-94.44	-2,713.40	-643.19	3,968.94	3,857.69	111.25	35.676		
12,400.00	7,136.38	7,278.64	7,278.15	158.13	31.11	-94.52	-2,713.31	-643.26	4,055.33	3,944.27	111.06	36.516		
12,500.00	7,136.62	7,281.28	7,280.80	160.91	31.12	-94.59	-2,713.22	-643.32	4,142.33	4,031.46	110.86	37.364		
12,600.00	7,136.86	7,283.93	7,283.45	163.70	31.13	-94.67	-2,713.14	-643.39	4,229.90	4,119.23	110.67	38.220		
12,700.00	7,137.10	7,286.58	7,286.09	166.48	31.14	-94.74	-2,713.05	-643.45	4,318.01	4,207.52	110.48	39.083		
12,800.00	7,137.34	7,289.23	7,288.74	169.27	31.15	-94.82	-2,712.97	-643.52	4,406.62	4,296.33	110.30	39.952		
12,900.00	7,137.58	7,291.87	7,291.38	172.06	31.16	-94.89	-2,712.88	-643.58	4,495.71	4,385.60	110.11	40.828		
13,000.00	7,137.82	7,294.52	7,294.03	174.86	31.18	-94.97	-2,712.79	-643.65	4,585.25	4,475.32	109.93	41.710		
13,100.00	7,138.06	7,297.17	7,296.67	177.65	31.19	-95.04	-2,712.71	-643.71	4,675.22	4,565.46	109.76	42.597		
13,200.00	7,138.30	7,299.82	7,299.32	180.45	31.20	-95.12	-2,712.62	-643.78	4,765.58	4,656.00	109.58	43.489		
13,300.00	7,138.54	7,302.46	7,301.96	183.25	31.21	-95.19	-2,712.54	-643.84	4,856.31	4,746.90	109.41	44.386		
13,400.00	7,138.78	7,305.11	7,304.61	186.05	31.22	-95.27	-2,712.45	-643.90	4,947.41	4,838.16	109.24	45.287		
13,500.00	7,139.02	7,307.76	7,307.26	188.85	31.23	-95.34	-2,712.36	-643.97	5,038.84	4,929.75	109.08	46.193		
13,600.00	7,139.25	7,310.41	7,309.90	191.65	31.25	-95.42	-2,712.28	-644.03	5,130.58	5,021.66	108.92	47.102		
13,700.00	7,139.49	7,313.06	7,312.55	194.46	31.26	-95.49	-2,712.19	-644.10	5,222.63	5,113.86	108.77	48.015		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,139.73	7,315.70	7,315.19	197.27	31.27	-95.57	-2,712.11	-644.16	5,314.97	5,206.35	108.62	48.932		
13,900.00	7,139.97	7,318.35	7,317.84	200.08	31.28	-95.64	-2,712.02	-644.23	5,407.58	5,299.10	108.47	49.851		
14,000.00	7,140.21	7,321.00	7,320.48	202.89	31.29	-95.72	-2,711.93	-644.29	5,500.44	5,392.11	108.33	50.774		
14,100.00	7,140.45	7,323.65	7,323.13	205.70	31.30	-95.79	-2,711.85	-644.36	5,593.55	5,485.35	108.19	51.699		
14,200.00	7,140.69	7,326.29	7,325.77	208.51	31.32	-95.87	-2,711.76	-644.42	5,686.89	5,578.83	108.06	52.627		
14,300.00	7,140.93	7,328.94	7,328.42	211.32	31.33	-95.94	-2,711.68	-644.49	5,780.45	5,672.52	107.93	53.557		
14,400.00	7,141.17	7,331.59	7,331.06	214.14	31.34	-96.02	-2,711.59	-644.55	5,874.23	5,766.42	107.81	54.489		
14,500.00	7,141.41	7,334.24	7,333.71	216.95	31.35	-96.09	-2,711.50	-644.62	5,968.20	5,860.52	107.68	55.423		
14,600.00	7,141.65	7,336.89	7,336.36	219.77	31.36	-96.16	-2,711.42	-644.68	6,062.37	5,954.80	107.57	56.359		
14,700.00	7,141.89	7,339.53	7,339.00	222.59	31.37	-96.24	-2,711.33	-644.74	6,156.72	6,049.27	107.45	57.297		
14,800.00	7,142.13	7,342.18	7,341.65	225.41	31.39	-96.31	-2,711.24	-644.81	6,251.24	6,143.90	107.34	58.237		
14,900.00	7,142.37	7,344.83	7,344.29	228.23	31.40	-96.39	-2,711.16	-644.87	6,345.94	6,238.70	107.24	59.177		
15,000.00	7,142.61	7,347.48	7,346.94	231.05	31.41	-96.46	-2,711.07	-644.94	6,440.79	6,333.65	107.13	60.119		
15,100.00	7,142.85	7,350.12	7,349.58	233.87	31.42	-96.54	-2,710.99	-645.00	6,535.79	6,428.76	107.03	61.063		
15,200.00	7,143.09	7,352.77	7,352.23	236.69	31.43	-96.61	-2,710.90	-645.07	6,630.94	6,524.00	106.94	62.007		
15,300.00	7,143.33	7,355.42	7,354.87	239.52	31.44	-96.69	-2,710.81	-645.13	6,726.23	6,619.38	106.85	62.952		
15,400.00	7,143.57	7,358.07	7,357.52	242.34	31.46	-96.76	-2,710.73	-645.20	6,821.65	6,714.89	106.76	63.899		
15,500.00	7,143.81	7,360.71	7,360.17	245.17	31.47	-96.84	-2,710.64	-645.26	6,917.20	6,810.53	106.67	64.846		
15,600.00	7,144.05	7,363.36	7,362.81	247.99	31.48	-96.91	-2,710.56	-645.33	7,012.87	6,906.28	106.59	65.793		
15,700.00	7,144.29	7,366.01	7,365.46	250.82	31.49	-96.99	-2,710.47	-645.39	7,108.66	7,002.15	106.51	66.741		
15,800.00	7,144.53	7,368.66	7,368.10	253.64	31.50	-97.06	-2,710.38	-645.46	7,204.57	7,098.13	106.43	67.690		
15,900.00	7,144.76	7,371.31	7,370.75	256.47	31.51	-97.13	-2,710.30	-645.52	7,300.58	7,194.22	106.36	68.639		
16,000.00	7,145.00	7,373.95	7,373.39	259.30	31.53	-97.21	-2,710.21	-645.58	7,396.70	7,290.41	106.29	69.588		
16,100.00	7,145.24	7,376.60	7,376.04	262.13	31.54	-97.28	-2,710.13	-645.65	7,492.92	7,386.70	106.23	70.538		
16,200.00	7,145.48	7,379.25	7,378.68	264.96	31.55	-97.36	-2,710.04	-645.71	7,589.24	7,483.08	106.16	71.488		
16,300.00	7,145.72	7,381.90	7,381.33	267.79	31.56	-97.43	-2,709.95	-645.78	7,685.65	7,579.55	106.10	72.438		
16,400.00	7,145.96	7,384.54	7,383.98	270.62	31.57	-97.51	-2,709.87	-645.84	7,782.15	7,676.10	106.04	73.387		
16,500.00	7,146.20	7,387.19	7,386.62	273.45	31.58	-97.58	-2,709.78	-645.91	7,878.73	7,772.75	105.99	74.337		
16,600.00	7,146.44	7,389.84	7,389.27	276.28	31.60	-97.66	-2,709.70	-645.97	7,975.40	7,869.47	105.93	75.287		
16,700.00	7,146.68	7,392.49	7,391.91	279.12	31.61	-97.73	-2,709.61	-646.04	8,072.15	7,966.27	105.88	76.237		
16,800.00	7,146.92	7,395.14	7,394.56	281.95	31.62	-97.80	-2,709.52	-646.10	8,168.98	8,063.14	105.84	77.186		
16,900.00	7,147.16	7,397.78	7,397.20	284.78	31.63	-97.88	-2,709.44	-646.17	8,265.88	8,160.09	105.79	78.135		
17,000.00	7,147.40	7,400.43	7,399.85	287.62	31.64	-97.95	-2,709.35	-646.23	8,362.85	8,257.10	105.75	79.084		
17,100.00	7,147.64	7,403.08	7,402.49	290.45	31.65	-98.03	-2,709.27	-646.30	8,459.89	8,354.19	105.71	80.032		
17,200.00	7,147.88	7,405.73	7,405.14	293.28	31.66	-98.10	-2,709.18	-646.36	8,557.01	8,451.34	105.67	80.980		
17,300.00	7,148.12	7,408.37	7,407.79	296.12	31.68	-98.18	-2,709.09	-646.42	8,654.18	8,548.55	105.63	81.927		
17,400.00	7,148.36	7,411.02	7,410.43	298.95	31.69	-98.25	-2,709.01	-646.49	8,751.42	8,645.82	105.60	82.874		
17,500.00	7,148.60	7,413.67	7,413.08	301.79	31.70	-98.32	-2,708.92	-646.55	8,848.72	8,743.15	105.57	83.820		
17,600.00	7,148.84	7,416.32	7,415.72	304.63	31.71	-98.40	-2,708.84	-646.62	8,946.08	8,840.54	105.54	84.766		
17,700.00	7,149.08	7,418.96	7,418.37	307.46	31.72	-98.47	-2,708.75	-646.68	9,043.49	8,937.98	105.51	85.711		
17,800.00	7,149.32	7,421.61	7,421.01	310.30	31.73	-98.55	-2,708.66	-646.75	9,140.96	9,035.47	105.49	86.655		
17,900.00	7,149.56	7,424.26	7,423.66	313.14	31.75	-98.62	-2,708.58	-646.81	9,238.48	9,133.02	105.46	87.599		
18,000.00	7,149.80	7,426.91	7,426.30	315.98	31.76	-98.69	-2,708.49	-646.88	9,336.06	9,230.61	105.44	88.541		
18,100.00	7,150.04	7,429.56	7,428.95	318.81	31.77	-98.77	-2,708.40	-646.94	9,433.68	9,328.26	105.42	89.483		
18,200.00	7,150.27	7,432.20	7,431.60	321.65	31.78	-98.84	-2,708.32	-647.01	9,531.36	9,425.95	105.41	90.424		
18,300.00	7,150.51	7,434.85	7,434.24	324.49	31.79	-98.92	-2,708.23	-647.07	9,629.08	9,523.68	105.39	91.364		
18,400.00	7,150.75	7,437.50	7,436.89	327.33	31.80	-98.99	-2,708.15	-647.14	9,726.84	9,621.46	105.38	92.304		
18,500.00	7,150.99	7,440.15	7,439.53	330.17	31.82	-99.06	-2,708.06	-647.20	9,824.65	9,719.28	105.37	93.242		
18,600.00	7,151.23	7,442.79	7,442.18	333.01	31.83	-99.14	-2,707.97	-647.26	9,922.50	9,817.15	105.36	94.179		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-155.18	-3,780.71	-1,748.67	4,165.72					
100.00	100.00	60.00	60.00	3.28	3.44	-155.18	-3,780.71	-1,748.67	4,165.52	4,158.80	6.73	619.145		
200.00	200.00	160.00	160.00	3.34	5.05	-155.18	-3,780.71	-1,748.67	4,165.52	4,157.14	8.39	496.649		
300.00	299.98	259.98	259.98	3.44	8.03	84.85	-3,780.71	-1,748.67	4,165.37	4,153.90	11.47	363.097		
400.00	399.84	359.84	359.84	3.60	11.30	84.93	-3,780.71	-1,748.67	4,164.90	4,150.00	14.90	279.597		
500.00	499.45	459.45	459.45	3.80	14.67	85.06	-3,780.71	-1,748.67	4,164.14	4,145.68	18.46	225.585		
600.00	598.70	558.70	558.70	4.04	18.06	85.25	-3,780.71	-1,748.67	4,163.10	4,141.00	22.10	188.393		
700.00	697.47	657.47	657.47	4.33	21.46	85.49	-3,780.71	-1,748.67	4,161.82	4,136.04	25.78	161.410		
800.00	795.62	755.62	755.62	4.65	24.85	85.77	-3,780.71	-1,748.67	4,160.34	4,130.84	29.50	141.017		
865.50	859.53	819.53	819.53	4.89	27.06	85.99	-3,780.71	-1,748.67	4,159.29	4,127.34	31.95	130.181		
900.00	893.10	853.10	853.10	5.02	28.23	86.09	-3,780.71	-1,748.67	4,158.72	4,125.48	33.24	125.100		
1,000.00	990.42	950.42	950.42	5.41	31.60	86.40	-3,780.71	-1,748.67	4,157.17	4,120.16	37.01	112.312		
1,100.00	1,087.73	1,047.73	1,047.73	5.83	34.98	86.71	-3,780.71	-1,748.67	4,155.75	4,114.94	40.81	101.826		
1,200.00	1,185.05	1,145.05	1,145.05	6.27	38.37	87.02	-3,780.71	-1,748.67	4,154.46	4,109.83	44.63	93.085		
1,300.00	1,282.36	1,242.36	1,242.36	6.72	41.75	87.33	-3,780.71	-1,748.67	4,153.29	4,104.83	48.47	85.694		
1,400.00	1,379.67	1,339.67	1,339.67	7.18	45.14	87.64	-3,780.71	-1,748.67	4,152.25	4,099.94	52.32	79.370		
1,500.00	1,476.99	1,436.99	1,436.99	7.65	48.53	87.95	-3,780.71	-1,748.67	4,151.34	4,095.17	56.18	73.900		
1,600.00	1,574.30	1,534.30	1,534.30	8.13	51.92	88.25	-3,780.71	-1,748.67	4,150.56	4,090.51	60.04	69.125		
1,700.00	1,671.61	1,631.61	1,631.61	8.62	55.31	88.56	-3,780.71	-1,748.67	4,149.90	4,085.98	63.92	64.923		
1,800.00	1,768.93	1,728.93	1,728.93	9.11	58.70	88.87	-3,780.71	-1,748.67	4,149.37	4,081.57	67.80	61.197		
1,900.00	1,866.24	1,826.24	1,826.24	9.60	62.10	89.18	-3,780.71	-1,748.67	4,148.97	4,077.28	71.69	57.872		
2,000.00	1,963.56	1,923.56	1,923.56	10.10	65.49	89.49	-3,780.71	-1,748.67	4,148.70	4,073.11	75.58	54.888		
2,100.00	2,060.87	2,020.87	2,020.87	10.61	68.88	89.80	-3,780.71	-1,748.67	4,148.55	4,069.07	79.48	52.195		
2,164.30	2,123.44	2,083.44	2,083.44	10.93	71.06	90.00	-3,780.71	-1,748.67	4,148.52	4,066.53	81.99	50.598		
2,200.00	2,158.18	2,118.18	2,118.18	11.11	72.27	90.11	-3,780.71	-1,748.67	4,148.53	4,065.15	83.38	49.753		
2,300.00	2,255.50	2,215.50	2,215.50	11.62	75.67	90.42	-3,780.71	-1,748.67	4,148.64	4,061.36	87.29	47.530		
2,400.00	2,352.81	2,312.81	2,312.81	12.13	79.06	90.73	-3,780.71	-1,748.67	4,148.88	4,057.69	91.19	45.497		
2,500.00	2,450.13	2,410.13	2,410.13	12.65	82.46	91.04	-3,780.71	-1,748.67	4,149.24	4,054.14	95.10	43.631		
2,600.00	2,547.44	2,507.44	2,507.44	13.16	85.85	91.35	-3,780.71	-1,748.67	4,149.74	4,050.73	99.01	41.913		
2,700.00	2,644.75	2,604.75	2,604.75	13.68	89.25	91.66	-3,780.71	-1,748.67	4,150.36	4,047.44	102.92	40.326		
2,800.00	2,742.07	2,702.07	2,702.07	14.20	92.64	91.97	-3,780.71	-1,748.67	4,151.10	4,044.27	106.83	38.856		
2,900.00	2,839.38	2,800.62	2,799.38	14.71	96.08	92.28	-3,780.71	-1,748.67	4,151.98	4,041.19	110.79	37.475		
3,000.00	2,936.70	2,903.30	2,896.70	15.23	99.66	92.58	-3,780.71	-1,748.67	4,152.98	4,038.09	114.90	36.146		
3,100.00	3,034.01	3,005.99	2,994.01	15.76	103.25	92.89	-3,780.71	-1,748.67	4,154.11	4,035.11	119.00	34.908		
3,200.00	3,131.32	3,108.68	3,091.32	16.28	106.83	93.20	-3,780.71	-1,748.67	4,155.37	4,032.26	123.11	33.754		
3,300.00	3,228.64	3,188.64	3,188.64	16.80	109.62	93.51	-3,780.71	-1,748.67	4,156.75	4,030.34	126.42	32.881		
3,400.00	3,325.95	3,285.95	3,285.95	17.32	113.01	93.82	-3,780.71	-1,748.67	4,158.27	4,027.93	130.34	31.904		
3,500.00	3,423.26	3,383.26	3,383.26	17.85	116.41	94.13	-3,780.71	-1,748.67	4,159.90	4,025.65	134.26	30.984		
3,600.00	3,520.58	3,480.58	3,480.58	18.37	119.81	94.43	-3,780.71	-1,748.67	4,161.67	4,023.49	138.18	30.118		
3,700.00	3,617.89	3,577.89	3,577.89	18.90	123.20	94.74	-3,780.71	-1,748.67	4,163.56	4,021.46	142.10	29.300		
3,800.00	3,715.21	3,675.21	3,675.21	19.43	126.60	95.05	-3,780.71	-1,748.67	4,165.58	4,019.56	146.02	28.527		
3,900.00	3,812.52	3,772.52	3,772.52	19.95	129.99	95.35	-3,780.71	-1,748.67	4,167.72	4,017.78	149.95	27.795		
4,000.00	3,909.83	3,869.83	3,869.83	20.48	133.39	95.66	-3,780.71	-1,748.67	4,169.99	4,016.12	153.87	27.101		
4,100.00	4,007.15	3,967.15	3,967.15	21.01	136.79	95.97	-3,780.71	-1,748.67	4,172.39	4,014.60	157.79	26.442		
4,200.00	4,104.46	4,064.46	4,064.46	21.53	140.18	96.27	-3,780.71	-1,748.67	4,174.91	4,013.20	161.72	25.816		
4,300.00	4,201.78	4,161.78	4,161.78	22.06	143.58	96.58	-3,780.71	-1,748.67	4,177.56	4,011.92	165.64	25.221		
4,400.00	4,299.09	4,259.09	4,259.09	22.59	146.98	96.88	-3,780.71	-1,748.67	4,180.33	4,010.77	169.56	24.654		
4,500.00	4,396.40	4,356.40	4,356.40	23.12	150.37	97.19	-3,780.71	-1,748.67	4,183.23	4,009.74	173.49	24.113		
4,600.00	4,493.72	4,453.72	4,453.72	23.65	153.77	97.49	-3,780.71	-1,748.67	4,186.25	4,008.84	177.41	23.596		
4,700.00	4,591.03	4,551.03	4,551.03	24.18	157.17	97.80	-3,780.71	-1,748.67	4,189.40	4,008.06	181.34	23.103		
4,800.00	4,688.34	4,648.34	4,648.34	24.71	160.56	98.10	-3,780.71	-1,748.67	4,192.67	4,007.41	185.26	22.631		
4,900.00	4,785.66	4,745.66	4,745.66	25.24	163.96	98.40	-3,780.71	-1,748.67	4,196.06	4,006.87	189.18	22.180		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,882.97	4,842.97	4,842.97	25.77	167.36	98.71	-3,780.71	-1,748.67	4,199.58	4,006.47	193.11	21.747		
5,100.00	4,980.29	4,940.29	4,940.29	26.30	170.75	99.01	-3,780.71	-1,748.67	4,203.22	4,006.18	197.03	21.333		
5,200.00	5,077.60	5,037.60	5,037.60	26.83	174.15	99.31	-3,780.71	-1,748.67	4,206.98	4,006.02	200.96	20.935		
5,300.00	5,174.91	5,134.91	5,134.91	27.36	177.55	99.61	-3,780.71	-1,748.67	4,210.87	4,005.98	204.88	20.553		
5,400.00	5,272.23	5,232.23	5,232.23	27.89	180.94	99.91	-3,780.71	-1,748.67	4,214.87	4,006.07	208.81	20.186		
5,500.00	5,369.54	5,329.54	5,329.54	28.42	184.34	100.21	-3,780.71	-1,748.67	4,219.00	4,006.27	212.73	19.833		
5,600.00	5,466.86	5,426.86	5,426.86	28.95	187.74	100.51	-3,780.71	-1,748.67	4,223.25	4,006.60	216.65	19.493		
5,700.00	5,564.17	5,524.17	5,524.17	29.48	191.13	100.81	-3,780.71	-1,748.67	4,227.63	4,007.05	220.58	19.166		
5,800.00	5,661.48	5,621.48	5,621.48	30.01	194.53	101.11	-3,780.71	-1,748.67	4,232.12	4,007.62	224.50	18.851		
5,900.00	5,758.80	5,718.80	5,718.80	30.54	197.93	101.41	-3,780.71	-1,748.67	4,236.73	4,008.31	228.42	18.548		
6,000.00	5,856.11	5,816.11	5,816.11	31.07	201.32	101.70	-3,780.71	-1,748.67	4,241.47	4,009.12	232.35	18.255		
6,100.00	5,953.43	5,913.43	5,913.43	31.61	204.72	102.00	-3,780.71	-1,748.67	4,246.32	4,010.05	236.27	17.972		
6,200.00	6,050.74	6,010.74	6,010.74	32.14	208.12	102.29	-3,780.71	-1,748.67	4,251.29	4,011.10	240.19	17.699		
6,300.00	6,148.05	6,108.05	6,108.05	32.67	211.51	102.59	-3,780.71	-1,748.67	4,256.38	4,012.26	244.12	17.436		
6,400.00	6,245.37	6,205.37	6,205.37	33.20	214.91	102.88	-3,780.71	-1,748.67	4,261.59	4,013.55	248.04	17.181		
6,500.00	6,342.68	6,302.68	6,302.68	33.73	218.31	103.18	-3,780.71	-1,748.67	4,266.92	4,014.95	251.96	16.935		
6,520.81	6,362.93	6,322.93	6,322.93	33.85	219.01	103.24	-3,780.71	-1,748.67	4,268.04	4,015.26	252.78	16.885		
6,550.00	6,391.46	6,351.46	6,351.46	34.00	220.01	97.07	-3,780.71	-1,748.67	4,269.18	4,015.26	253.92	16.813		
6,600.00	6,440.79	6,400.79	6,400.79	34.23	221.73	78.25	-3,780.71	-1,748.67	4,269.09	4,013.21	255.88	16.684		
6,650.00	6,490.44	6,450.44	6,450.44	34.43	223.46	42.95	-3,780.71	-1,748.67	4,266.40	4,008.59	257.81	16.549		
6,700.00	6,540.10	6,500.10	6,500.10	34.60	225.20	6.48	-3,780.71	-1,748.67	4,261.12	4,001.40	259.72	16.407		
6,750.00	6,589.46	6,549.46	6,549.46	34.76	226.92	-13.94	-3,780.71	-1,748.67	4,253.27	3,991.68	261.60	16.259		
6,800.00	6,638.22	6,601.78	6,598.22	34.92	228.75	-24.78	-3,780.71	-1,748.67	4,242.92	3,979.35	263.57	16.098		
6,850.00	6,686.09	6,646.09	6,646.09	35.07	230.29	-31.50	-3,780.71	-1,748.67	4,230.12	3,964.85	265.27	15.946		
6,900.00	6,732.75	6,707.25	6,692.75	35.24	232.43	-36.35	-3,780.71	-1,748.67	4,214.97	3,947.41	267.56	15.753		
6,950.00	6,777.94	6,737.94	6,737.94	35.42	233.50	-40.29	-3,780.71	-1,748.67	4,197.59	3,928.80	268.80	15.616		
7,000.00	6,821.36	6,781.36	6,781.36	35.61	235.01	-43.80	-3,780.71	-1,748.67	4,178.10	3,907.62	270.48	15.447		
7,050.00	6,862.75	6,822.75	6,822.75	35.83	236.46	-47.13	-3,780.71	-1,748.67	4,156.67	3,884.55	272.11	15.275		
7,100.00	6,901.85	6,861.85	6,861.85	36.06	237.82	-50.43	-3,780.71	-1,748.67	4,133.44	3,859.76	273.68	15.103		
7,150.00	6,938.43	6,901.57	6,898.43	36.32	239.21	-53.77	-3,780.71	-1,748.67	4,108.62	3,833.33	275.29	14.925		
7,200.00	6,972.26	6,932.26	6,932.26	36.61	240.28	-57.21	-3,780.71	-1,748.67	4,082.39	3,805.79	276.60	14.759		
7,250.00	7,003.13	6,963.13	6,963.13	36.93	241.36	-60.77	-3,780.71	-1,748.67	4,054.96	3,777.02	277.94	14.589		
7,300.00	7,030.85	7,009.15	6,990.85	37.29	242.97	-64.44	-3,780.71	-1,748.67	4,026.55	3,746.71	279.84	14.389		
7,350.00	7,055.25	7,015.25	7,015.25	37.68	243.18	-68.19	-3,780.71	-1,748.67	3,997.38	3,717.00	280.37	14.257		
7,400.00	7,076.17	7,036.17	7,036.17	38.12	243.91	-71.99	-3,780.71	-1,748.67	3,967.67	3,686.22	281.45	14.097		
7,450.00	7,093.50	7,053.50	7,053.50	38.60	244.51	-75.80	-3,780.71	-1,748.67	3,937.67	3,655.23	282.44	13.941		
7,500.00	7,107.11	7,067.11	7,067.11	39.11	244.99	-79.55	-3,780.71	-1,748.67	3,907.59	3,624.26	283.34	13.791		
7,550.00	7,116.94	7,076.94	7,076.94	39.66	245.33	-83.18	-3,780.71	-1,748.67	3,877.67	3,593.54	284.13	13.648		
7,600.00	7,122.91	7,082.91	7,082.91	40.24	245.54	-86.65	-3,780.71	-1,748.67	3,848.12	3,563.30	284.82	13.511		
7,650.18	7,125.00	7,085.00	7,085.00	40.85	245.61	-89.90	-3,780.71	-1,748.67	3,819.04	3,533.65	285.40	13.382		
7,700.00	7,125.12	7,085.12	7,085.12	41.48	245.62	-89.91	-3,780.71	-1,748.67	3,790.76	3,504.82	285.94	13.257		
7,800.00	7,125.36	7,085.36	7,085.36	42.88	245.63	-89.91	-3,780.71	-1,748.67	3,735.34	3,448.20	287.15	13.009		
7,900.00	7,125.60	7,085.60	7,085.60	44.42	245.64	-89.92	-3,780.71	-1,748.67	3,681.81	3,393.29	288.52	12.761		
8,000.00	7,125.84	7,085.84	7,085.84	46.10	245.64	-89.92	-3,780.71	-1,748.67	3,630.24	3,340.20	290.04	12.516		
8,100.00	7,126.08	7,086.08	7,086.08	47.89	245.65	-89.92	-3,780.71	-1,748.67	3,580.73	3,289.00	291.72	12.275		
8,200.00	7,126.32	7,086.32	7,086.32	49.79	245.66	-89.93	-3,780.71	-1,748.67	3,533.35	3,239.80	293.54	12.037		
8,300.00	7,126.56	7,086.56	7,086.56	51.79	245.67	-89.93	-3,780.71	-1,748.67	3,488.19	3,192.69	295.50	11.804		
8,400.00	7,126.80	7,086.80	7,086.80	53.86	245.68	-89.94	-3,780.71	-1,748.67	3,445.35	3,147.76	297.59	11.578		
8,500.00	7,127.04	7,087.04	7,087.04	56.00	245.69	-89.94	-3,780.71	-1,748.67	3,404.90	3,105.11	299.79	11.358		
8,600.00	7,127.28	7,087.28	7,087.28	58.21	245.69	-89.95	-3,780.71	-1,748.67	3,366.94	3,064.84	302.10	11.145		
8,689.38	7,127.49	7,087.49	7,087.49	60.24	245.70	-89.95	-3,780.71	-1,748.67	3,335.18	3,030.94	304.25	10.962		
8,700.00	7,127.52	7,087.52	7,087.52	60.48	245.70	-89.95	-3,780.71	-1,748.67	3,331.53	3,027.03	304.50	10.941		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	7,087.76	7,087.76	62.79	245.71	-89.95	-3,780.71	-1,748.67	3,296.79	2,989.83	306.97	10.740		
8,841.07	7,127.85	7,087.85	7,087.85	63.74	245.71	-89.95	-3,780.71	-1,748.67	3,282.35	2,974.36	307.99	10.657		
8,900.00	7,128.00	7,088.00	7,088.00	65.12	245.72	-89.95	-3,780.71	-1,748.67	3,262.02	2,952.55	309.47	10.541		
9,000.00	7,128.23	7,088.23	7,088.23	67.50	245.73	-89.96	-3,780.71	-1,748.67	3,229.68	2,917.65	312.03	10.351		
9,100.00	7,128.47	7,088.47	7,088.47	69.91	245.74	-89.96	-3,780.71	-1,748.67	3,200.15	2,885.50	314.64	10.171		
9,200.00	7,128.71	7,088.71	7,088.71	72.35	245.74	-89.96	-3,780.71	-1,748.67	3,173.49	2,856.19	317.30	10.002		
9,300.00	7,128.95	7,088.95	7,088.95	74.83	245.75	-89.97	-3,780.71	-1,748.67	3,149.78	2,829.80	319.98	9.844		
9,400.00	7,129.19	7,089.19	7,089.19	77.33	245.76	-89.97	-3,780.71	-1,748.67	3,129.09	2,806.41	322.68	9.697		
9,500.00	7,129.43	7,089.43	7,089.43	79.86	245.77	-89.98	-3,780.71	-1,748.67	3,111.48	2,786.10	325.38	9.563		
9,600.00	7,129.67	7,089.67	7,089.67	82.41	245.78	-89.98	-3,780.71	-1,748.67	3,097.00	2,768.93	328.06	9.440		
9,700.00	7,129.91	7,089.91	7,089.91	84.97	245.79	-89.99	-3,780.71	-1,748.67	3,085.69	2,754.96	330.73	9.330		
9,800.00	7,130.15	7,109.85	7,090.15	87.56	246.48	-89.99	-3,780.71	-1,748.67	3,077.59	2,743.55	334.04	9.213		
9,900.00	7,130.39	7,109.61	7,090.39	90.16	246.47	-90.00	-3,780.71	-1,748.67	3,072.73	2,736.13	336.60	9.129		
9,999.55	7,130.63	7,109.37	7,090.63	92.77	246.46	-90.00	-3,780.71	-1,748.67	3,071.12	2,732.03	339.09	9.057 CC		
10,000.00	7,130.63	7,109.37	7,090.63	92.78	246.46	-90.00	-3,780.71	-1,748.67	3,071.12	2,732.02	339.10	9.057		
10,100.00	7,130.87	7,109.13	7,090.87	95.41	246.46	-90.00	-3,780.71	-1,748.67	3,072.76	2,731.23	341.53	8.997 ES		
10,200.00	7,131.11	7,108.89	7,091.11	98.06	246.45	-90.01	-3,780.71	-1,748.67	3,077.65	2,733.77	343.88	8.950		
10,300.00	7,131.35	7,108.65	7,091.35	100.71	246.44	-90.01	-3,780.71	-1,748.67	3,085.78	2,739.64	346.14	8.915		
10,400.00	7,131.59	7,108.41	7,091.59	103.38	246.43	-90.02	-3,780.71	-1,748.67	3,097.11	2,748.81	348.30	8.892		
10,500.00	7,131.83	7,108.17	7,091.83	106.06	246.42	-90.02	-3,780.71	-1,748.67	3,111.62	2,761.26	350.37	8.881 SF		
10,600.00	7,132.07	7,107.93	7,092.07	108.74	246.41	-90.03	-3,780.71	-1,748.67	3,129.26	2,776.94	352.32	8.882		
10,700.00	7,132.31	7,107.69	7,092.31	111.44	246.41	-90.03	-3,780.71	-1,748.67	3,149.98	2,795.81	354.17	8.894		
10,800.00	7,132.55	7,107.45	7,092.55	114.14	246.40	-90.04	-3,780.71	-1,748.67	3,173.72	2,817.81	355.90	8.917		
10,900.00	7,132.79	7,107.21	7,092.79	116.85	246.39	-90.04	-3,780.71	-1,748.67	3,200.40	2,842.88	357.52	8.952		
11,000.00	7,133.03	7,106.97	7,093.03	119.57	246.38	-90.04	-3,780.71	-1,748.67	3,229.96	2,870.93	359.03	8.996		
11,100.00	7,133.27	7,106.73	7,093.27	122.29	246.37	-90.05	-3,780.71	-1,748.67	3,262.32	2,901.90	360.42	9.051		
11,200.00	7,133.51	7,106.50	7,093.51	125.02	246.36	-90.05	-3,780.71	-1,748.67	3,297.40	2,935.69	361.71	9.116		
11,300.00	7,133.74	7,106.26	7,093.74	127.76	246.36	-90.06	-3,780.71	-1,748.67	3,335.11	2,972.22	362.88	9.191		
11,400.00	7,133.98	7,106.02	7,093.98	130.50	246.35	-90.06	-3,780.71	-1,748.67	3,375.35	3,011.40	363.95	9.274		
11,500.00	7,134.22	7,105.78	7,094.22	133.24	246.34	-90.07	-3,780.71	-1,748.67	3,418.06	3,053.13	364.92	9.366		
11,600.00	7,134.46	7,105.54	7,094.46	135.99	246.33	-90.07	-3,780.71	-1,748.67	3,463.12	3,097.32	365.80	9.467		
11,700.00	7,134.70	7,105.30	7,094.70	138.75	246.32	-90.08	-3,780.71	-1,748.67	3,510.45	3,143.87	366.58	9.576		
11,800.00	7,134.94	7,105.06	7,094.94	141.51	246.31	-90.08	-3,780.71	-1,748.67	3,559.97	3,192.69	367.27	9.693		
11,900.00	7,135.18	7,104.82	7,095.18	144.27	246.31	-90.08	-3,780.71	-1,748.67	3,611.57	3,243.69	367.89	9.817		
12,000.00	7,135.42	7,104.58	7,095.42	147.03	246.30	-90.09	-3,780.71	-1,748.67	3,665.18	3,296.76	368.42	9.948		
12,100.00	7,135.66	7,104.34	7,095.66	149.80	246.29	-90.09	-3,780.71	-1,748.67	3,720.70	3,351.82	368.88	10.086		
12,200.00	7,135.90	7,104.10	7,095.90	152.58	246.28	-90.10	-3,780.71	-1,748.67	3,778.06	3,408.78	369.28	10.231		
12,300.00	7,136.14	7,103.86	7,096.14	155.35	246.27	-90.10	-3,780.71	-1,748.67	3,837.16	3,467.55	369.61	10.382		
12,400.00	7,136.38	7,103.62	7,096.38	158.13	246.26	-90.11	-3,780.71	-1,748.67	3,897.94	3,528.05	369.89	10.538		
12,500.00	7,136.62	7,103.38	7,096.62	160.91	246.26	-90.11	-3,780.71	-1,748.67	3,960.30	3,590.19	370.11	10.700		
12,600.00	7,136.86	7,103.14	7,096.86	163.70	246.25	-90.12	-3,780.71	-1,748.67	4,024.19	3,653.91	370.28	10.868		
12,700.00	7,137.10	7,102.90	7,097.10	166.48	246.24	-90.12	-3,780.71	-1,748.67	4,089.52	3,719.11	370.41	11.041		
12,800.00	7,137.34	7,102.66	7,097.34	169.27	246.23	-90.13	-3,780.71	-1,748.67	4,156.23	3,785.73	370.50	11.218		
12,900.00	7,137.58	7,102.42	7,097.58	172.06	246.22	-90.13	-3,780.71	-1,748.67	4,224.26	3,853.71	370.55	11.400		
13,000.00	7,137.82	7,102.18	7,097.82	174.86	246.21	-90.13	-3,780.71	-1,748.67	4,293.53	3,922.97	370.56	11.587		
13,100.00	7,138.06	7,101.94	7,098.06	177.65	246.21	-90.14	-3,780.71	-1,748.67	4,364.00	3,993.46	370.55	11.777		
13,200.00	7,138.30	7,101.70	7,098.30	180.45	246.20	-90.14	-3,780.71	-1,748.67	4,435.61	4,065.10	370.50	11.972		
13,300.00	7,138.54	7,101.46	7,098.54	183.25	246.19	-90.15	-3,780.71	-1,748.67	4,508.29	4,137.86	370.43	12.170		
13,400.00	7,138.78	7,101.22	7,098.78	186.05	246.18	-90.15	-3,780.71	-1,748.67	4,582.01	4,211.66	370.34	12.372		
13,500.00	7,139.02	7,100.99	7,099.02	188.85	246.17	-90.16	-3,780.71	-1,748.67	4,656.70	4,286.47	370.23	12.578		
13,600.00	7,139.25	7,100.75	7,099.25	191.65	246.16	-90.16	-3,780.71	-1,748.67	4,732.33	4,362.23	370.10	12.786		
13,700.00	7,139.49	7,100.51	7,099.49	194.46	246.16	-90.17	-3,780.71	-1,748.67	4,808.85	4,438.89	369.96	12.998		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,800.00	7,139.73	7,100.27	7,099.73	197.27	246.15	-90.17	-3,780.71	-1,748.67	4,886.22	4,516.42	369.80	13.213		
13,900.00	7,139.97	7,100.03	7,099.97	200.08	246.14	-90.17	-3,780.71	-1,748.67	4,964.39	4,594.77	369.63	13.431		
14,000.00	7,140.21	7,100.21	7,100.21	202.89	246.15	-90.18	-3,780.71	-1,748.67	5,043.34	4,673.88	369.46	13.651		
14,100.00	7,140.45	7,100.45	7,100.45	205.70	246.15	-90.18	-3,780.71	-1,748.67	5,123.02	4,753.74	369.28	13.873		
14,200.00	7,140.69	7,100.69	7,100.69	208.51	246.16	-90.19	-3,780.71	-1,748.67	5,203.41	4,834.31	369.10	14.098		
14,300.00	7,140.93	7,100.93	7,100.93	211.32	246.17	-90.19	-3,780.71	-1,748.67	5,284.46	4,915.56	368.91	14.325		
14,400.00	7,141.17	7,101.17	7,101.17	214.14	246.18	-90.20	-3,780.71	-1,748.67	5,366.16	4,997.45	368.71	14.554		
14,500.00	7,141.41	7,101.41	7,101.41	216.95	246.19	-90.20	-3,780.71	-1,748.67	5,448.46	5,079.95	368.51	14.785		
14,600.00	7,141.65	7,101.65	7,101.65	219.77	246.20	-90.21	-3,780.71	-1,748.67	5,531.35	5,163.05	368.30	15.019		
14,700.00	7,141.89	7,101.89	7,101.89	222.59	246.20	-90.21	-3,780.71	-1,748.67	5,614.79	5,246.70	368.09	15.254		
14,800.00	7,142.13	7,102.13	7,102.13	225.41	246.21	-90.21	-3,780.71	-1,748.67	5,698.77	5,330.89	367.88	15.491		
14,900.00	7,142.37	7,102.37	7,102.37	228.23	246.22	-90.22	-3,780.71	-1,748.67	5,783.26	5,415.60	367.66	15.730		
15,000.00	7,142.61	7,102.61	7,102.61	231.05	246.23	-90.22	-3,780.71	-1,748.67	5,868.23	5,500.79	367.44	15.970		
15,100.00	7,142.85	7,102.85	7,102.85	233.87	246.24	-90.23	-3,780.71	-1,748.67	5,953.67	5,586.45	367.23	16.213		
15,200.00	7,143.09	7,103.09	7,103.09	236.69	246.25	-90.23	-3,780.71	-1,748.67	6,039.56	5,672.56	367.01	16.456		
15,300.00	7,143.33	7,103.33	7,103.33	239.52	246.25	-90.24	-3,780.71	-1,748.67	6,125.88	5,759.09	366.79	16.701		
15,400.00	7,143.57	7,103.57	7,103.57	242.34	246.26	-90.24	-3,780.71	-1,748.67	6,212.61	5,846.04	366.57	16.948		
15,500.00	7,143.81	7,103.81	7,103.81	245.17	246.27	-90.25	-3,780.71	-1,748.67	6,299.73	5,933.38	366.35	17.196		
15,600.00	7,144.05	7,104.05	7,104.05	247.99	246.28	-90.25	-3,780.71	-1,748.67	6,387.23	6,021.09	366.13	17.445		
15,700.00	7,144.29	7,104.29	7,104.29	250.82	246.29	-90.25	-3,780.71	-1,748.67	6,475.09	6,109.17	365.92	17.695		
15,800.00	7,144.53	7,104.53	7,104.53	253.64	246.30	-90.26	-3,780.71	-1,748.67	6,563.29	6,197.59	365.70	17.947		
15,900.00	7,144.76	7,104.76	7,104.76	256.47	246.30	-90.26	-3,780.71	-1,748.67	6,651.84	6,286.34	365.49	18.200		
16,000.00	7,145.00	7,105.00	7,105.00	259.30	246.31	-90.27	-3,780.71	-1,748.67	6,740.70	6,375.42	365.28	18.453		
16,100.00	7,145.24	7,105.24	7,105.24	262.13	246.32	-90.27	-3,780.71	-1,748.67	6,829.87	6,464.79	365.07	18.708		
16,200.00	7,145.48	7,105.48	7,105.48	264.96	246.33	-90.28	-3,780.71	-1,748.67	6,919.33	6,554.47	364.87	18.964		
16,300.00	7,145.72	7,105.72	7,105.72	267.79	246.34	-90.28	-3,780.71	-1,748.67	7,009.08	6,644.42	364.66	19.221		
16,400.00	7,145.96	7,105.96	7,105.96	270.62	246.35	-90.29	-3,780.71	-1,748.67	7,099.11	6,734.65	364.46	19.478		
16,500.00	7,146.20	7,106.20	7,106.20	273.45	246.35	-90.29	-3,780.71	-1,748.67	7,189.40	6,825.13	364.26	19.737		
16,600.00	7,146.44	7,106.44	7,106.44	276.28	246.36	-90.30	-3,780.71	-1,748.67	7,279.94	6,915.87	364.07	19.996		
16,700.00	7,146.68	7,106.68	7,106.68	279.12	246.37	-90.30	-3,780.71	-1,748.67	7,370.72	7,006.85	363.87	20.256		
16,800.00	7,146.92	7,106.92	7,106.92	281.95	246.38	-90.30	-3,780.71	-1,748.67	7,461.75	7,098.07	363.68	20.517		
16,900.00	7,147.16	7,107.16	7,107.16	284.78	246.39	-90.31	-3,780.71	-1,748.67	7,553.00	7,189.50	363.49	20.779		
17,000.00	7,147.40	7,107.40	7,107.40	287.62	246.40	-90.31	-3,780.71	-1,748.67	7,644.46	7,281.16	363.31	21.041		
17,100.00	7,147.64	7,107.64	7,107.64	290.45	246.40	-90.32	-3,780.71	-1,748.67	7,736.14	7,373.02	363.13	21.304		
17,200.00	7,147.88	7,107.88	7,107.88	293.28	246.41	-90.32	-3,780.71	-1,748.67	7,828.03	7,465.08	362.95	21.568		
17,300.00	7,148.12	7,108.12	7,108.12	296.12	246.42	-90.33	-3,780.71	-1,748.67	7,920.11	7,557.34	362.77	21.832		
17,400.00	7,148.36	7,108.36	7,108.36	298.95	246.43	-90.33	-3,780.71	-1,748.67	8,012.38	7,649.78	362.60	22.097		
17,500.00	7,148.60	7,108.60	7,108.60	301.79	246.44	-90.34	-3,780.71	-1,748.67	8,104.83	7,742.40	362.43	22.363		
17,600.00	7,148.84	7,108.84	7,108.84	304.63	246.45	-90.34	-3,780.71	-1,748.67	8,197.46	7,835.20	362.26	22.629		
17,700.00	7,149.08	7,109.08	7,109.08	307.46	246.45	-90.34	-3,780.71	-1,748.67	8,290.26	7,928.16	362.10	22.895		
17,800.00	7,149.32	7,109.32	7,109.32	310.30	246.46	-90.35	-3,780.71	-1,748.67	8,383.23	8,021.29	361.93	23.162		
17,900.00	7,149.56	7,109.56	7,109.56	313.14	246.47	-90.35	-3,780.71	-1,748.67	8,476.35	8,114.58	361.78	23.430		
18,000.00	7,149.80	7,109.80	7,109.80	315.98	246.48	-90.36	-3,780.71	-1,748.67	8,569.64	8,208.02	361.62	23.698		
18,100.00	7,150.04	7,110.04	7,110.04	318.81	246.49	-90.36	-3,780.71	-1,748.67	8,663.07	8,301.60	361.47	23.966		
18,200.00	7,150.27	7,110.27	7,110.27	321.65	246.50	-90.37	-3,780.71	-1,748.67	8,756.64	8,395.33	361.32	24.235		
18,300.00	7,150.51	7,110.51	7,110.51	324.49	246.50	-90.37	-3,780.71	-1,748.67	8,850.36	8,489.19	361.17	24.505		
18,400.00	7,150.75	7,110.75	7,110.75	327.33	246.51	-90.38	-3,780.71	-1,748.67	8,944.21	8,583.19	361.03	24.774		
18,500.00	7,150.99	7,110.99	7,110.99	330.17	246.52	-90.38	-3,780.71	-1,748.67	9,038.20	8,677.31	360.89	25.044		
18,600.00	7,151.23	7,111.23	7,111.23	333.01	246.53	-90.38	-3,780.71	-1,748.67	9,132.31	8,771.56	360.75	25.315		
18,700.00	7,151.47	7,111.47	7,111.47	335.85	246.54	-90.39	-3,780.71	-1,748.67	9,226.55	8,865.94	360.61	25.586		
18,800.00	7,151.71	7,111.71	7,111.71	338.69	246.55	-90.39	-3,780.71	-1,748.67	9,320.91	8,960.42	360.48	25.857		
18,900.00	7,151.95	7,111.95	7,111.95	341.53	246.56	-90.40	-3,780.71	-1,748.67	9,415.38	9,055.03	360.35	26.128		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>	Falken 9-11 PAD - CARLSON #14-2(SI) - OH - OH											<b>Offset Site Error:</b>	0.00 ft
<b>Survey Program:</b>	100-2" Cone@2.448 Sigma											<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
18,920.23	7,152.00	7,112.00	7,112.00	342.10	246.56	-90.40	-3,780.71	-1,748.67	9,434.51	9,074.18	360.33	26.183	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	141.10	-627.69	506.43	806.59					
100.00	100.00	93.62	93.62	3.28	0.21	141.13	-627.73	505.96	806.26	802.77	3.49	230.873		
200.00	200.00	198.79	198.78	3.34	0.44	141.23	-627.84	504.33	805.37	801.59	3.78	213.200		
300.00	299.98	303.84	303.79	3.44	0.68	21.46	-628.02	501.52	802.21	798.10	4.12	194.840		
400.00	399.84	414.24	414.13	3.60	1.08	21.85	-627.53	497.88	794.97	790.29	4.68	169.718		
500.00	499.45	518.84	518.65	3.80	1.53	22.21	-624.75	495.32	783.29	777.94	5.35	146.517		
600.00	598.70	621.06	620.79	4.04	1.97	22.64	-621.10	493.22	767.96	761.93	6.03	127.260		
700.00	697.47	722.56	722.17	4.33	2.42	23.16	-616.59	491.53	749.04	742.29	6.75	110.904		
800.00	795.62	823.20	822.66	4.65	2.85	23.78	-611.26	490.24	726.58	719.08	7.50	96.892		
865.50	859.53	886.48	885.84	4.89	3.13	24.25	-607.65	489.56	710.08	702.09	7.99	88.859		
900.00	893.10	920.73	920.03	5.02	3.28	24.45	-605.65	489.21	701.02	692.76	8.26	84.891		
1,000.00	990.42	1,020.34	1,019.44	5.41	3.72	25.09	-599.68	487.65	674.39	665.35	9.04	74.631		
1,100.00	1,087.73	1,121.99	1,120.91	5.83	4.16	25.97	-594.60	484.35	647.72	637.87	9.84	65.795		
1,200.00	1,185.05	1,242.72	1,241.14	6.27	4.70	27.31	-586.61	476.95	618.30	607.56	10.75	57.523		
1,300.00	1,282.36	1,359.49	1,356.95	6.72	5.23	28.74	-575.05	467.54	585.52	573.89	11.63	50.331		
1,400.00	1,379.67	1,474.22	1,470.09	7.18	5.75	30.22	-559.26	457.01	549.32	536.82	12.50	43.947		
1,500.00	1,476.99	1,575.23	1,569.15	7.65	6.21	31.48	-541.72	447.96	510.54	497.22	13.32	38.331		
1,600.00	1,574.30	1,669.44	1,661.39	8.13	6.65	32.64	-523.97	440.77	471.40	457.27	14.13	33.362		
1,700.00	1,671.61	1,764.45	1,754.08	8.62	7.09	34.01	-504.71	432.84	430.92	415.97	14.95	28.824		
1,800.00	1,768.93	1,852.07	1,839.69	9.11	7.50	35.72	-487.90	424.70	391.20	375.41	15.79	24.776		
1,900.00	1,866.24	1,941.47	1,927.16	9.60	7.93	37.85	-471.31	416.61	352.52	335.86	16.65	21.172		
2,000.00	1,963.56	2,037.08	2,020.65	10.10	8.38	40.43	-452.77	408.97	314.03	296.52	17.51	17.937		
2,100.00	2,060.87	2,124.71	2,106.29	10.61	8.80	43.43	-435.61	401.90	275.99	257.56	18.43	14.977		
2,200.00	2,158.18	2,215.71	2,195.39	11.11	9.23	47.58	-418.72	394.40	239.78	220.40	19.37	12.377		
2,300.00	2,255.50	2,309.33	2,287.02	11.62	9.68	52.87	-400.66	387.94	204.66	184.32	20.34	10.063		
2,400.00	2,352.81	2,398.90	2,374.68	12.13	10.11	59.48	-383.02	382.78	171.40	149.98	21.42	8.002		
2,500.00	2,450.13	2,491.44	2,465.43	12.65	10.55	69.05	-365.69	377.53	142.32	119.75	22.57	6.306		
2,600.00	2,547.44	2,585.75	2,557.72	13.16	11.00	82.78	-346.88	372.63	117.75	93.95	23.79	4.949		
2,700.00	2,644.75	2,676.58	2,646.41	13.68	11.44	100.90	-327.85	367.86	102.18	77.14	25.04	4.080		
2,750.51	2,693.91	2,722.45	2,691.26	13.94	11.66	111.24	-318.61	365.26	100.10	74.57	25.53	3.921 CC, ES, SF		
2,800.00	2,742.07	2,767.32	2,735.08	14.20	11.88	121.54	-309.41	362.39	102.15	76.29	25.86	3.950		
2,900.00	2,839.38	2,857.52	2,823.10	14.71	12.31	139.99	-290.81	355.83	117.96	91.74	26.22	4.498		
3,000.00	2,936.70	2,947.71	2,911.24	15.23	12.75	153.21	-273.06	348.70	144.67	118.08	26.59	5.441		
3,100.00	3,034.01	3,039.94	3,001.52	15.76	13.20	162.14	-255.89	340.90	177.12	149.95	27.17	6.518		
3,200.00	3,131.32	3,134.30	3,094.35	16.28	13.65	167.80	-240.81	333.25	211.23	183.29	27.94	7.560		
3,300.00	3,228.64	3,231.48	3,190.26	16.80	14.11	171.69	-226.92	326.21	245.29	216.47	28.82	8.512		
3,400.00	3,325.95	3,328.59	3,286.36	17.32	14.56	174.52	-214.08	320.55	278.41	248.71	29.70	9.373		
3,500.00	3,423.26	3,427.95	3,384.98	17.85	15.01	176.41	-203.28	315.21	310.60	279.96	30.63	10.139		
3,600.00	3,520.58	3,527.29	3,483.85	18.37	15.45	177.61	-194.90	310.43	341.44	309.88	31.56	10.819		
3,700.00	3,617.89	3,632.16	3,588.40	18.90	15.91	178.51	-187.74	306.72	370.59	338.05	32.55	11.387		
3,800.00	3,715.21	3,742.71	3,698.81	19.43	16.38	179.28	-182.31	306.06	396.39	362.82	33.56	11.810		
3,900.00	3,812.52	3,843.23	3,799.27	19.95	16.79	179.82	-178.79	307.08	420.23	385.77	34.45	12.197		
4,000.00	3,909.83	3,940.24	3,896.21	20.48	17.20	-179.73	-175.67	308.34	443.72	408.41	35.31	12.566		
4,100.00	4,007.15	4,035.60	3,991.56	21.01	17.59	-179.49	-173.54	308.70	467.53	431.37	36.16	12.929		
4,200.00	4,104.46	4,132.63	4,088.57	21.53	18.00	-179.38	-172.10	308.34	491.59	454.56	37.03	13.275		
4,300.00	4,201.78	4,230.88	4,186.81	22.06	18.40	-179.33	-171.07	307.99	515.43	477.52	37.91	13.597		
4,400.00	4,299.09	4,327.34	4,283.26	22.59	18.79	-179.50	-171.80	306.67	539.22	500.46	38.76	13.912		
4,500.00	4,396.40	4,427.76	4,383.65	23.12	19.18	-179.78	-173.49	304.76	563.02	523.37	39.64	14.202		
4,600.00	4,493.72	4,532.82	4,488.66	23.65	19.59	179.91	-176.28	303.57	585.70	545.14	40.56	14.441		
4,700.00	4,591.03	4,629.93	4,585.72	24.18	19.96	179.61	-179.62	302.95	607.60	566.20	41.41	14.674		
4,800.00	4,688.34	4,725.26	4,681.01	24.71	20.34	179.45	-181.58	302.64	629.91	587.66	42.24	14.912		
4,900.00	4,785.66	4,824.23	4,779.99	25.24	20.73	179.42	-182.32	302.95	652.30	609.20	43.10	15.133		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 342-MWD+IFR1													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,882.97	4,922.31	4,878.06	25.77	21.12	179.43	-182.90	303.62	674.46	630.50	43.96	15.343		
5,100.00	4,980.29	5,019.11	4,974.86	26.30	21.50	179.41	-183.70	304.12	696.64	651.84	44.81	15.548		
5,200.00	5,077.60	5,117.30	5,073.04	26.83	21.89	179.36	-184.82	304.44	718.85	673.18	45.67	15.741		
5,300.00	5,174.91	5,204.44	5,160.17	27.36	22.24	179.30	-185.74	304.17	741.64	695.19	46.44	15.968		
5,400.00	5,272.23	5,297.90	5,253.63	27.89	22.63	179.28	-185.85	303.21	765.46	718.18	47.28	16.189		
5,500.00	5,369.54	5,392.51	5,348.23	28.42	23.03	179.35	-184.79	302.56	789.60	741.46	48.14	16.403		
5,600.00	5,466.86	5,480.02	5,435.73	28.95	23.40	179.39	-183.63	301.39	814.39	765.47	48.92	16.646		
5,700.00	5,564.17	5,593.97	5,549.65	29.48	23.88	179.40	-182.79	299.50	839.23	789.27	49.96	16.797		
5,800.00	5,661.48	5,706.95	5,662.62	30.01	24.34	179.36	-183.94	299.77	861.53	810.57	50.96	16.906		
5,900.00	5,758.80	5,798.68	5,754.34	30.54	24.71	179.28	-185.61	299.84	883.61	831.83	51.78	17.065		
6,000.00	5,856.11	5,901.68	5,857.33	31.07	25.13	179.31	-186.06	301.03	905.43	852.74	52.69	17.185		
6,100.00	5,953.43	5,991.85	5,947.49	31.61	25.50	179.37	-185.81	302.11	927.57	874.07	53.49	17.339		
6,200.00	6,050.74	6,086.27	6,041.90	32.14	25.89	179.43	-185.36	302.75	950.24	895.90	54.34	17.487		
6,300.00	6,148.05	6,184.01	6,139.64	32.67	26.30	179.47	-185.18	303.09	973.05	917.84	55.21	17.624		
6,400.00	6,245.37	6,281.67	6,237.30	33.20	26.70	179.46	-185.61	303.25	995.72	939.64	56.08	17.755		
6,500.00	6,342.68	6,375.10	6,330.73	33.73	27.08	179.45	-185.99	303.11	1,018.67	961.75	56.92	17.897		
6,520.81	6,362.93	6,394.91	6,350.54	33.85	27.16	179.45	-186.03	303.06	1,023.49	966.39	57.10	17.926		
6,550.00	6,391.46	7,860.71	7,239.21	34.00	37.31	-142.15	-169.89	1,153.49	1,006.47	966.85	39.63	25.399		
6,600.00	6,440.79	7,867.82	7,239.50	34.23	37.42	-155.22	-169.73	1,160.59	968.06	926.58	41.48	23.337		
6,650.00	6,490.44	7,871.40	7,239.65	34.43	37.48	175.08	-169.66	1,164.17	930.17	886.76	43.41	21.429		
6,700.00	6,540.10	7,871.31	7,239.64	34.60	37.48	143.87	-169.66	1,164.07	893.17	847.77	45.40	19.674		
6,750.00	6,589.46	7,867.41	7,239.48	34.76	37.42	128.25	-169.74	1,160.18	857.41	809.97	47.44	18.073		
6,800.00	6,638.22	7,859.62	7,239.17	34.92	37.29	121.68	-169.92	1,152.40	823.23	773.70	49.53	16.622		
6,850.00	6,686.09	7,847.85	7,238.72	35.07	37.11	118.70	-170.20	1,140.64	790.94	739.32	51.62	15.322		
6,900.00	6,732.75	7,832.05	7,238.17	35.24	36.86	117.12	-170.63	1,124.85	760.81	707.12	53.69	14.170		
6,950.00	6,777.94	7,812.46	7,237.54	35.42	36.53	116.03	-171.22	1,105.28	733.06	677.37	55.69	13.162		
7,000.00	6,821.36	7,788.18	7,236.89	35.61	36.18	114.98	-172.06	1,081.03	707.83	650.20	57.63	12.283		
7,050.00	6,862.75	7,760.61	7,236.08	35.83	35.79	113.88	-173.01	1,053.48	685.17	625.74	59.43	11.529		
7,100.00	6,901.85	7,729.93	7,235.10	36.06	35.35	112.65	-174.06	1,022.84	665.11	604.02	61.08	10.888		
7,150.00	6,938.43	7,700.63	7,234.09	36.32	34.94	111.56	-175.03	993.57	647.61	584.99	62.62	10.341		
7,200.00	6,972.26	7,676.50	7,233.27	36.61	34.62	110.78	-175.46	969.46	633.06	568.95	64.11	9.874		
7,250.00	7,003.13	7,646.69	7,232.26	36.93	34.25	109.61	-175.37	939.67	621.52	556.13	65.39	9.505		
7,300.00	7,030.85	7,603.09	7,230.31	37.29	33.73	107.70	-174.99	896.11	612.19	545.83	66.36	9.225		
7,350.00	7,055.25	7,553.77	7,227.19	37.68	33.17	105.61	-174.56	846.90	604.53	537.40	67.12	9.006		
7,400.00	7,076.17	7,475.90	7,214.16	38.12	32.38	101.91	-174.59	770.21	596.84	529.24	67.59	8.830		
7,450.00	7,093.50	7,415.84	7,196.99	38.60	31.85	98.98	-175.57	712.69	588.95	520.69	68.26	8.628		
7,500.00	7,107.11	7,358.79	7,176.87	39.11	31.40	96.23	-177.41	659.35	581.44	512.60	68.83	8.447		
7,550.00	7,116.94	7,304.73	7,153.45	39.66	31.03	93.56	-179.84	610.70	574.27	504.91	69.36	8.280		
7,600.00	7,122.91	7,261.55	7,131.51	40.24	30.77	91.45	-182.12	573.60	567.72	497.81	69.91	8.121		
7,650.18	7,125.00	7,227.31	7,111.61	40.85	30.59	89.74	-183.58	545.78	562.63	492.08	70.54	7.976		
7,700.00	7,125.12	7,196.27	7,091.68	41.48	30.43	87.69	-184.50	522.01	559.50	488.35	71.15	7.863		
7,741.30	7,125.22	7,169.07	7,072.89	42.06	30.31	85.76	-185.09	502.36	558.72	487.12	71.61	7.803		
7,800.00	7,125.36	7,131.35	7,045.29	42.88	30.14	82.92	-186.01	476.68	560.41	488.31	72.10	7.772		
7,900.00	7,125.60	7,080.65	7,005.63	44.42	29.93	78.86	-187.47	445.15	572.08	499.21	72.87	7.851		
8,000.00	7,125.84	7,043.48	6,975.06	46.10	29.78	75.80	-188.13	424.03	596.20	522.71	73.49	8.113		
8,100.00	7,126.08	6,999.00	6,937.09	47.89	29.61	72.12	-188.16	400.87	632.56	559.09	73.47	8.610		
8,200.00	7,126.32	6,981.73	6,921.98	49.79	29.54	70.70	-187.98	392.51	679.11	605.29	73.82	9.200		
8,300.00	7,126.56	6,954.71	6,897.97	51.79	29.44	68.49	-187.60	380.13	734.71	661.06	73.66	9.975		
8,400.00	7,126.80	6,931.06	6,876.61	53.86	29.35	66.59	-187.17	369.98	797.61	724.20	73.41	10.865		
8,500.00	7,127.04	6,904.00	6,851.81	56.00	29.24	64.45	-186.57	359.19	866.49	793.47	73.02	11.867		
8,600.00	7,127.28	6,888.38	6,837.32	58.21	29.18	63.23	-186.26	353.35	940.02	867.24	72.78	12.915		
8,689.38	7,127.49	6,869.90	6,820.05	60.24	29.11	61.81	-186.09	346.80	1,008.98	936.51	72.47	13.922		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Fagerberg 11C-7-M - OH - OH		Offset Site Error:	0.00 ft
Survey Program: 342-MWD+IFR1													Offset Well Error:	0.00 ft		
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)					
8,700.00	7,127.52	6,867.86	6,818.12	60.48	29.10	61.52	-186.08	346.10	1,017.36	944.92	72.44	14.044				
8,800.00	7,127.76	6,849.89	6,801.17	62.79	29.03	58.74	-186.14	340.16	1,098.79	1,026.64	72.14	15.230				
8,841.07	7,127.85	6,843.13	6,794.76	63.74	29.01	57.54	-186.21	338.02	1,133.41	1,061.37	72.04	15.733				
8,900.00	7,128.00	6,834.01	6,786.08	65.12	28.97	56.83	-186.35	335.22	1,183.88	1,111.98	71.90	16.465				
9,000.00	7,128.23	6,812.00	6,765.02	67.50	28.88	55.16	-186.90	328.86	1,270.96	1,199.37	71.60	17.752				
9,100.00	7,128.47	6,812.00	6,765.02	69.91	28.88	55.16	-186.90	328.86	1,359.47	1,287.92	71.55	19.001				
9,200.00	7,128.71	6,812.00	6,765.02	72.35	28.88	55.16	-186.90	328.86	1,449.47	1,377.99	71.47	20.280				
9,300.00	7,128.95	6,812.00	6,765.02	74.83	28.88	55.16	-186.90	328.86	1,540.70	1,469.31	71.38	21.583				
9,400.00	7,129.19	6,812.00	6,765.02	77.33	28.88	55.16	-186.90	328.86	1,632.96	1,561.67	71.29	22.906				
9,500.00	7,129.43	6,777.95	6,732.09	79.86	28.75	52.67	-187.63	320.23	1,724.90	1,653.92	70.98	24.301				
9,600.00	7,129.67	6,771.70	6,726.00	82.41	28.72	52.23	-187.70	318.81	1,818.30	1,747.43	70.87	25.657				
9,700.00	7,129.91	6,765.89	6,720.33	84.97	28.70	51.82	-187.74	317.54	1,912.30	1,841.53	70.77	27.022				
9,800.00	7,130.15	6,760.47	6,715.04	87.56	28.68	51.45	-187.75	316.39	2,006.82	1,936.15	70.68	28.395				
9,900.00	7,130.39	6,755.40	6,710.08	90.16	28.66	51.10	-187.76	315.36	2,101.80	2,031.21	70.59	29.775				
10,000.00	7,130.63	6,718.00	6,673.27	92.78	28.51	48.67	-187.31	308.76	2,198.20	2,127.82	70.38	31.232				
10,100.00	7,130.87	6,718.00	6,673.27	95.41	28.51	48.67	-187.31	308.76	2,293.67	2,223.33	70.34	32.608				
10,200.00	7,131.11	6,718.00	6,673.27	98.06	28.51	48.67	-187.31	308.76	2,389.50	2,319.21	70.30	33.992				
10,300.00	7,131.35	6,718.00	6,673.27	100.71	28.51	48.67	-187.31	308.76	2,485.67	2,415.42	70.25	35.381				
10,400.00	7,131.59	6,718.00	6,673.27	103.38	28.51	48.67	-187.31	308.76	2,582.13	2,511.91	70.21	36.775				
10,500.00	7,131.83	6,718.00	6,673.27	106.06	28.51	48.67	-187.31	308.76	2,678.84	2,608.67	70.18	38.173				
10,600.00	7,132.07	6,718.00	6,673.27	108.74	28.51	48.67	-187.31	308.76	2,775.79	2,705.65	70.14	39.575				
10,700.00	7,132.31	6,718.00	6,673.27	111.44	28.51	48.67	-187.31	308.76	2,872.95	2,802.85	70.11	40.980				
10,800.00	7,132.55	6,718.00	6,673.27	114.14	28.51	48.67	-187.31	308.76	2,970.30	2,900.23	70.08	42.387				
10,900.00	7,132.79	6,718.00	6,673.27	116.85	28.51	48.67	-187.31	308.76	3,067.82	2,997.77	70.05	43.796				
11,000.00	7,133.03	6,718.00	6,673.27	119.57	28.51	48.67	-187.31	308.76	3,165.49	3,095.47	70.02	45.207				
11,100.00	7,133.27	6,718.00	6,673.27	122.29	28.51	48.67	-187.31	308.76	3,263.31	3,193.31	70.00	46.619				
11,200.00	7,133.51	6,718.00	6,673.27	125.02	28.51	48.67	-187.31	308.76	3,361.25	3,291.27	69.98	48.032				
11,300.00	7,133.74	6,718.00	6,673.27	127.76	28.51	48.67	-187.31	308.76	3,459.31	3,389.35	69.96	49.446				
11,400.00	7,133.98	6,718.00	6,673.27	130.50	28.51	48.67	-187.31	308.76	3,557.48	3,487.53	69.95	50.860				
11,500.00	7,134.22	6,718.00	6,673.27	133.24	28.51	48.67	-187.31	308.76	3,655.75	3,585.81	69.93	52.275				
11,600.00	7,134.46	6,718.00	6,673.27	135.99	28.51	48.67	-187.31	308.76	3,754.10	3,684.18	69.92	53.689				
11,700.00	7,134.70	6,718.00	6,673.27	138.75	28.51	48.67	-187.31	308.76	3,852.55	3,782.63	69.92	55.103				
11,800.00	7,134.94	6,718.00	6,673.27	141.51	28.51	48.67	-187.31	308.76	3,951.07	3,881.16	69.91	56.516				
11,900.00	7,135.18	6,718.00	6,673.27	144.27	28.51	48.67	-187.31	308.76	4,049.66	3,979.76	69.91	57.929				
12,000.00	7,135.42	6,718.00	6,673.27	147.03	28.51	48.67	-187.31	308.76	4,148.33	4,078.42	69.91	59.341				
12,100.00	7,135.66	6,718.00	6,673.27	149.80	28.51	48.67	-187.31	308.76	4,247.05	4,177.14	69.91	60.752				
12,200.00	7,135.90	6,718.00	6,673.27	152.58	28.51	48.67	-187.31	308.76	4,345.83	4,275.92	69.91	62.162				
12,300.00	7,136.14	6,718.00	6,673.27	155.35	28.51	48.67	-187.31	308.76	4,444.67	4,374.75	69.92	63.571				
12,400.00	7,136.38	6,718.00	6,673.27	158.13	28.51	48.67	-187.31	308.76	4,543.56	4,473.63	69.92	64.978				
12,500.00	7,136.62	6,718.00	6,673.27	160.91	28.51	48.67	-187.31	308.76	4,642.49	4,572.56	69.93	66.384				
12,600.00	7,136.86	6,718.00	6,673.27	163.70	28.51	48.67	-187.31	308.76	4,741.47	4,671.53	69.95	67.788				
12,700.00	7,137.10	6,718.00	6,673.27	166.48	28.51	48.67	-187.31	308.76	4,840.49	4,770.54	69.96	69.191				
12,800.00	7,137.34	6,718.00	6,673.27	169.27	28.51	48.67	-187.31	308.76	4,939.56	4,869.58	69.97	70.591				
12,900.00	7,137.58	6,718.00	6,673.27	172.06	28.51	48.67	-187.31	308.76	5,038.65	4,968.66	69.99	71.990				
13,000.00	7,137.82	6,718.00	6,673.27	174.86	28.51	48.67	-187.31	308.76	5,137.79	5,067.78	70.01	73.387				
13,100.00	7,138.06	6,718.00	6,673.27	177.65	28.51	48.67	-187.31	308.76	5,236.95	5,166.92	70.03	74.782				
13,200.00	7,138.30	6,718.00	6,673.27	180.45	28.51	48.67	-187.31	308.76	5,336.15	5,266.10	70.05	76.174				
13,300.00	7,138.54	6,718.00	6,673.27	183.25	28.51	48.67	-187.31	308.76	5,435.38	5,365.30	70.08	77.565				
13,400.00	7,138.78	6,718.00	6,673.27	186.05	28.51	48.67	-187.31	308.76	5,534.63	5,464.53	70.10	78.953				
13,500.00	7,139.02	6,718.00	6,673.27	188.85	28.51	48.67	-187.31	308.76	5,633.92	5,563.79	70.13	80.338				
13,600.00	7,139.25	6,718.00	6,673.27	191.65	28.51	48.67	-187.31	308.76	5,733.22	5,663.07	70.16	81.721				
13,700.00	7,139.49	6,718.00	6,673.27	194.46	28.51	48.67	-187.31	308.76	5,832.55	5,762.37	70.19	83.102				

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,800.00	7,139.73	6,718.00	6,673.27	197.27	28.51	48.67	-187.31	308.76	5,931.90	5,861.69	70.22	84.479		
13,900.00	7,139.97	6,718.00	6,673.27	200.08	28.51	48.67	-187.31	308.76	6,031.28	5,961.03	70.25	85.855		
14,000.00	7,140.21	6,676.16	6,631.73	202.89	28.33	46.15	-186.62	303.87	6,129.11	6,058.85	70.26	87.235		
14,100.00	7,140.45	6,675.44	6,631.01	205.70	28.33	46.11	-186.62	303.81	6,228.47	6,158.17	70.30	88.604		
14,200.00	7,140.69	6,674.74	6,630.31	208.51	28.33	46.06	-186.61	303.75	6,327.85	6,257.52	70.33	89.971		
14,300.00	7,140.93	6,674.06	6,629.64	211.32	28.32	46.03	-186.60	303.70	6,427.25	6,356.88	70.37	91.335		
14,400.00	7,141.17	6,673.40	6,628.98	214.14	28.32	45.99	-186.60	303.65	6,526.66	6,456.26	70.41	92.696		
14,500.00	7,141.41	6,672.76	6,628.34	216.95	28.32	45.95	-186.59	303.60	6,626.10	6,555.65	70.45	94.054		
14,600.00	7,141.65	6,672.14	6,627.72	219.77	28.32	45.91	-186.58	303.55	6,725.55	6,655.06	70.49	95.409		
14,700.00	7,141.89	6,671.53	6,627.12	222.59	28.31	45.88	-186.58	303.50	6,825.01	6,754.48	70.53	96.761		
14,800.00	7,142.13	6,670.94	6,626.53	225.41	28.31	45.84	-186.57	303.46	6,924.49	6,853.91	70.58	98.109		
14,900.00	7,142.37	6,670.37	6,625.96	228.23	28.31	45.81	-186.57	303.42	7,023.99	6,953.36	70.62	99.455		
15,000.00	7,142.61	6,669.81	6,625.40	231.05	28.31	45.78	-186.56	303.38	7,123.49	7,052.82	70.67	100.797		
15,100.00	7,142.85	6,669.27	6,624.86	233.87	28.30	45.75	-186.56	303.34	7,223.01	7,152.29	70.72	102.136		
15,200.00	7,143.09	6,668.74	6,624.33	236.69	28.30	45.72	-186.55	303.30	7,322.55	7,251.78	70.77	103.472		
15,300.00	7,143.33	6,668.22	6,623.81	239.52	28.30	45.69	-186.55	303.27	7,422.09	7,351.27	70.82	104.804		
15,400.00	7,143.57	6,667.71	6,623.31	242.34	28.30	45.66	-186.55	303.23	7,521.65	7,450.78	70.87	106.133		
15,500.00	7,143.81	6,625.00	6,580.63	245.17	28.12	43.28	-186.47	301.81	7,622.79	7,551.90	70.89	107.532		
15,600.00	7,144.05	6,625.00	6,580.63	247.99	28.12	43.28	-186.47	301.81	7,722.33	7,651.38	70.94	108.853		
15,700.00	7,144.29	6,625.00	6,580.63	250.82	28.12	43.28	-186.47	301.81	7,821.88	7,750.88	71.00	110.171		
15,800.00	7,144.53	6,625.00	6,580.63	253.64	28.12	43.28	-186.47	301.81	7,921.45	7,850.39	71.05	111.486		
15,900.00	7,144.76	6,625.00	6,580.63	256.47	28.12	43.28	-186.47	301.81	8,021.02	7,949.91	71.11	112.797		
16,000.00	7,145.00	6,625.00	6,580.63	259.30	28.12	43.28	-186.47	301.81	8,120.61	8,049.44	71.17	114.104		
16,100.00	7,145.24	6,625.00	6,580.63	262.13	28.12	43.28	-186.47	301.81	8,220.20	8,148.98	71.23	115.408		
16,200.00	7,145.48	6,625.00	6,580.63	264.96	28.12	43.28	-186.47	301.81	8,319.81	8,248.52	71.29	116.708		
16,300.00	7,145.72	6,625.00	6,580.63	267.79	28.12	43.28	-186.47	301.81	8,419.43	8,348.08	71.35	118.004		
16,400.00	7,145.96	6,625.00	6,580.63	270.62	28.12	43.28	-186.47	301.81	8,519.05	8,447.64	71.41	119.297		
16,500.00	7,146.20	6,625.00	6,580.63	273.45	28.12	43.28	-186.47	301.81	8,618.68	8,547.21	71.47	120.586		
16,600.00	7,146.44	6,625.00	6,580.63	276.28	28.12	43.28	-186.47	301.81	8,718.32	8,646.79	71.54	121.871		
16,700.00	7,146.68	6,625.00	6,580.63	279.12	28.12	43.28	-186.47	301.81	8,817.97	8,746.37	71.60	123.152		
16,800.00	7,146.92	6,625.00	6,580.63	281.95	28.12	43.28	-186.47	301.81	8,917.63	8,845.96	71.67	124.430		
16,900.00	7,147.16	6,625.00	6,580.63	284.78	28.12	43.28	-186.47	301.81	9,017.30	8,945.56	71.73	125.704		
17,000.00	7,147.40	6,625.00	6,580.63	287.62	28.12	43.28	-186.47	301.81	9,116.97	9,045.17	71.80	126.973		
17,100.00	7,147.64	6,625.00	6,580.63	290.45	28.12	43.28	-186.47	301.81	9,216.65	9,144.78	71.87	128.239		
17,200.00	7,147.88	6,625.00	6,580.63	293.28	28.12	43.28	-186.47	301.81	9,316.33	9,244.39	71.94	129.501		
17,300.00	7,148.12	6,625.00	6,580.63	296.12	28.12	43.28	-186.47	301.81	9,416.03	9,344.02	72.01	130.759		
17,400.00	7,148.36	6,625.00	6,580.63	298.95	28.12	43.28	-186.47	301.81	9,515.73	9,443.64	72.08	132.013		
17,500.00	7,148.60	6,625.00	6,580.63	301.79	28.12	43.28	-186.47	301.81	9,615.43	9,543.28	72.15	133.263		
17,600.00	7,148.84	6,625.00	6,580.63	304.63	28.12	43.28	-186.47	301.81	9,715.14	9,642.92	72.23	134.509		
17,700.00	7,149.08	6,625.00	6,580.63	307.46	28.12	43.28	-186.47	301.81	9,814.86	9,742.56	72.30	135.751		
17,800.00	7,149.32	6,625.00	6,580.63	310.30	28.12	43.28	-186.47	301.81	9,914.58	9,842.21	72.38	136.989		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	135.03	-507.84	507.26	717.87					
100.00	100.00	92.98	92.97	3.28	3.29	135.13	-508.55	506.19	717.54	710.97	6.57	109.191		
200.00	200.00	197.76	197.66	3.34	3.32	135.47	-510.91	502.52	716.68	710.02	6.66	107.670		
300.00	299.98	305.54	305.36	3.44	3.42	15.78	-511.74	499.03	713.29	706.42	6.87	103.872		
400.00	399.84	430.87	430.59	3.60	3.61	15.94	-507.91	495.84	704.34	697.10	7.24	97.310		
500.00	499.45	555.71	555.02	3.80	3.88	16.23	-500.25	489.45	687.99	680.25	7.74	88.871		
600.00	598.70	654.81	653.60	4.04	4.13	16.58	-492.39	482.98	666.17	657.94	8.23	80.966		
700.00	697.47	822.78	819.50	4.33	4.64	17.51	-474.35	465.43	636.78	627.64	9.14	69.668		
800.00	795.62	910.99	905.72	4.65	4.93	18.32	-460.95	452.46	598.21	588.53	9.69	61.751		
865.50	859.53	958.74	952.57	4.89	5.10	18.87	-454.23	446.21	572.50	562.47	10.03	57.099		
900.00	893.10	984.58	978.01	5.02	5.19	19.09	-450.88	443.13	559.13	548.91	10.21	54.742		
1,000.00	990.42	1,062.33	1,054.78	5.41	5.48	19.85	-442.15	434.46	522.16	511.38	10.79	48.414		
1,100.00	1,087.73	1,155.60	1,147.06	5.83	5.83	21.00	-433.22	424.28	486.66	475.19	11.47	42.445		
1,200.00	1,185.05	1,253.96	1,244.27	6.27	6.21	22.43	-423.42	412.99	450.73	438.54	12.19	36.969		
1,300.00	1,282.36	1,342.08	1,331.38	6.72	6.57	23.83	-414.18	403.38	415.00	402.09	12.91	32.148		
1,400.00	1,379.67	1,434.44	1,422.77	7.18	6.94	25.48	-404.62	394.05	380.12	366.46	13.66	27.821		
1,500.00	1,476.99	1,529.34	1,516.65	7.65	7.33	27.48	-394.57	384.54	345.43	330.98	14.44	23.917		
1,600.00	1,574.30	1,624.49	1,610.71	8.13	7.73	29.83	-383.73	375.10	310.58	295.34	15.24	20.379		
1,700.00	1,671.61	1,713.24	1,698.50	8.62	8.11	32.46	-373.66	366.82	276.62	260.56	16.06	17.221		
1,800.00	1,768.93	1,806.69	1,791.04	9.11	8.51	35.91	-363.64	358.61	244.14	227.23	16.91	14.435		
1,900.00	1,866.24	1,902.05	1,885.42	9.60	8.92	40.52	-353.14	349.90	212.35	194.56	17.79	11.934		
2,000.00	1,963.56	1,993.60	1,975.99	10.10	9.31	46.25	-342.44	341.84	181.68	162.94	18.74	9.694		
2,100.00	2,060.87	2,082.86	2,064.52	10.61	9.70	53.60	-333.60	334.75	155.28	135.51	19.77	7.854		
2,200.00	2,158.18	2,173.56	2,154.77	11.11	10.08	63.21	-327.27	328.23	135.47	114.61	20.86	6.494		
2,300.00	2,255.50	2,265.59	2,246.55	11.62	10.46	74.52	-323.09	323.09	123.11	101.16	21.94	5.610		
2,395.67	2,348.60	2,355.07	2,335.89	12.11	10.83	86.44	-321.54	318.32	119.53	96.63	22.91	5.218 CC		
2,400.00	2,352.81	2,359.20	2,340.02	12.13	10.84	86.97	-321.52	318.16	119.54	96.59	22.95	5.209 ES		
2,500.00	2,450.13	2,456.41	2,437.18	12.65	11.23	98.59	-321.76	315.38	122.50	98.65	23.86	5.135 SF		
2,600.00	2,547.44	2,551.74	2,532.47	13.16	11.61	109.25	-321.65	312.48	130.34	105.69	24.65	5.288		
2,700.00	2,644.75	2,651.38	2,632.05	13.68	11.99	117.84	-323.89	310.63	142.63	117.19	25.44	5.607		
2,800.00	2,742.07	2,750.61	2,731.26	14.20	12.37	124.60	-325.84	311.57	154.92	128.71	26.21	5.911		
2,900.00	2,839.38	2,846.58	2,827.22	14.71	12.76	131.21	-324.91	310.98	169.54	142.62	26.93	6.296		
3,000.00	2,936.70	2,945.09	2,925.73	15.23	13.16	136.56	-325.02	310.44	186.30	158.62	27.69	6.729		
3,100.00	3,034.01	3,046.62	3,027.22	15.76	13.54	140.58	-326.82	311.82	202.77	174.29	28.48	7.119		
3,200.00	3,131.32	3,142.90	3,123.49	16.28	13.92	144.19	-327.02	313.69	219.31	190.08	29.23	7.502		
3,300.00	3,228.64	3,237.75	3,218.32	16.80	14.30	147.52	-326.16	314.47	237.67	207.69	29.98	7.927		
3,400.00	3,325.95	3,333.08	3,313.65	17.32	14.70	150.38	-325.37	314.35	257.66	226.91	30.75	8.378		
3,500.00	3,423.26	3,429.90	3,410.47	17.85	15.10	152.85	-324.66	313.81	278.61	247.05	31.56	8.828		
3,600.00	3,520.58	3,525.38	3,505.94	18.37	15.50	154.95	-323.86	312.99	300.31	267.95	32.36	9.280		
3,700.00	3,617.89	3,619.39	3,599.94	18.90	15.89	156.81	-322.70	311.54	323.06	289.91	33.15	9.746		
3,800.00	3,715.21	3,729.29	3,709.82	19.43	16.34	158.54	-322.41	311.26	344.73	310.62	34.11	10.106		
3,900.00	3,812.52	3,829.74	3,810.25	19.95	16.74	159.93	-322.52	313.24	364.41	329.45	34.96	10.425		
4,000.00	3,909.83	3,927.24	3,907.71	20.48	17.13	161.30	-321.68	315.74	383.88	348.10	35.78	10.729		
4,100.00	4,007.15	4,024.11	4,004.56	21.01	17.52	162.36	-321.91	317.93	403.59	366.98	36.61	11.025		
4,200.00	4,104.46	4,120.61	4,101.02	21.53	17.90	163.05	-323.99	319.25	423.84	386.40	37.44	11.321		
4,300.00	4,201.78	4,215.62	4,195.98	22.06	18.28	163.51	-327.26	320.22	444.19	405.92	38.27	11.608		
4,400.00	4,299.09	4,302.59	4,282.87	22.59	18.63	163.77	-330.74	319.37	466.30	427.28	39.02	11.952		
4,500.00	4,396.40	4,392.47	4,372.66	23.12	19.00	164.05	-333.65	316.59	490.57	450.78	39.79	12.328		
4,600.00	4,493.72	4,497.09	4,477.23	23.65	19.43	164.54	-335.41	314.07	514.64	473.89	40.74	12.631		
4,700.00	4,591.03	4,603.97	4,584.11	24.18	19.86	165.22	-335.68	313.90	536.99	495.29	41.70	12.878		
4,800.00	4,688.34	4,707.91	4,688.03	24.71	20.29	165.99	-334.87	315.66	557.94	515.33	42.60	13.096		
4,900.00	4,785.66	4,811.29	4,791.36	25.24	20.72	166.74	-334.02	318.48	578.02	534.51	43.50	13.287		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 170-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,882.97	4,899.80	4,879.84	25.77	21.08	167.31	-333.56	320.94	598.07	553.79	44.28	13.506		
5,100.00	4,980.29	4,988.47	4,968.51	26.30	21.45	167.76	-333.35	321.33	620.22	575.16	45.06	13.766		
5,200.00	5,077.60	5,083.71	5,063.74	26.83	21.85	168.12	-333.97	320.77	643.11	597.21	45.90	14.011		
5,300.00	5,174.91	5,182.39	5,162.41	27.36	22.25	168.41	-335.14	319.97	666.05	619.27	46.78	14.237		
5,400.00	5,272.23	5,276.16	5,256.16	27.89	22.64	168.62	-336.80	319.06	688.98	641.36	47.62	14.469		
5,500.00	5,369.54	5,365.08	5,345.05	28.42	23.01	168.79	-338.34	317.34	712.81	664.41	48.40	14.727		
5,600.00	5,466.86	5,467.97	5,447.91	28.95	23.45	169.08	-338.65	315.19	737.28	687.94	49.34	14.943		
5,700.00	5,564.17	5,568.88	5,548.82	29.48	23.87	169.48	-337.75	314.82	760.54	710.29	50.25	15.134		
5,800.00	5,661.48	5,658.78	5,638.71	30.01	24.26	169.86	-336.25	314.46	784.14	733.09	51.05	15.361		
5,900.00	5,758.80	5,766.60	5,746.52	30.54	24.72	170.27	-334.69	313.80	807.90	755.87	52.03	15.528		
6,000.00	5,856.11	5,873.77	5,853.68	31.07	25.17	170.64	-333.84	314.64	830.18	777.19	52.99	15.666		
6,100.00	5,953.43	5,966.50	5,946.40	31.61	25.55	170.92	-333.56	315.40	852.27	798.46	53.81	15.837		
6,200.00	6,050.74	6,066.22	6,046.11	32.14	25.96	171.08	-334.82	315.53	874.47	819.76	54.71	15.985		
6,300.00	6,148.05	6,164.86	6,144.75	32.67	26.37	171.24	-336.82	315.66	894.79	843.94	55.62	16.133		
6,400.00	6,245.37	6,262.18	6,242.07	33.20	26.78	171.40	-338.82	315.79	914.78	868.97	56.53	16.281		
6,500.00	6,342.68	6,359.49	6,339.38	33.73	27.19	171.56	-340.82	315.92	934.77	893.99	57.44	16.429		
6,520.81	6,362.93	6,379.74	6,359.63	33.85	27.31	171.61	-325.89	1,213.37	711.91	672.02	39.88	17.850		
6,550.00	6,391.46	6,408.27	6,388.16	34.00	27.43	171.66	-325.79	1,216.98	689.18	647.80	41.38	16.655		
6,600.00	6,440.79	6,457.60	6,437.59	34.23	27.64	171.71	-325.71	1,220.19	651.06	606.97	44.09	14.767		
6,650.00	6,490.44	6,507.25	6,480.34	34.43	27.83	171.76	-325.72	1,219.57	614.36	567.40	46.97	13.081		
6,700.00	6,540.10	6,556.91	6,536.00	34.60	28.01	171.81	-325.85	1,215.05	579.61	529.62	49.99	11.595		
6,750.00	6,589.46	6,606.27	6,589.35	34.76	28.17	171.86	-326.08	1,206.61	547.30	494.20	53.10	10.306		
6,800.00	6,638.22	6,655.03	6,638.11	34.92	28.33	171.91	-326.44	1,194.23	517.93	461.68	56.24	9.209		
6,850.00	6,686.09	6,702.90	6,688.99	35.07	28.49	171.96	-326.94	1,177.94	491.91	432.61	59.29	8.296		
6,900.00	6,732.75	6,749.56	6,735.64	35.24	28.65	172.01	-327.59	1,157.78	469.59	407.45	62.13	7.558		
6,950.00	6,777.94	6,794.75	6,780.82	35.42	28.81	172.06	-328.42	1,133.85	451.16	386.54	64.62	6.982		
7,000.00	6,821.36	6,838.17	6,827.25	35.61	28.97	172.11	-329.42	1,106.45	436.67	370.00	66.67	6.550		
7,050.00	6,862.75	6,879.56	6,871.05	35.83	29.13	172.16	-330.56	1,075.85	425.97	357.79	68.18	6.248		
7,100.00	6,901.85	6,918.66	6,912.90	36.06	29.29	172.21	-331.85	1,042.23	418.74	349.62	69.12	6.058		
7,150.00	6,938.43	6,955.24	6,952.67	36.32	29.45	172.26	-333.07	1,008.72	414.62	344.99	69.63	5.955		
7,200.00	6,972.26	6,989.07	6,986.50	36.61	29.61	172.31	-334.07	973.53	413.26	343.55	69.70	5.929		
7,203.85	6,974.75	6,991.56	6,987.47	36.63	29.63	172.31	-334.14	970.74	413.25	343.56	69.69	5.930		
7,250.00	7,003.13	7,020.94	7,017.88	36.93	29.93	172.36	-334.83	936.74	414.09	344.66	69.43	5.964		
7,300.00	7,030.85	7,048.66	7,045.60	37.29	30.29	172.41	-335.21	901.51	416.77	347.76	69.02	6.039		
7,350.00	7,055.25	7,073.06	7,070.00	37.68	30.68	172.46	-335.23	867.67	421.18	352.73	68.45	6.153		
7,400.00	7,076.17	7,093.98	7,090.92	38.12	31.12	172.51	-334.92	834.87	427.15	359.34	67.81	6.299		
7,450.00	7,093.50	7,111.31	7,108.25	38.60	31.60	172.56	-334.31	802.76	434.42	367.27	67.16	6.469		
7,500.00	7,107.11	7,124.92	7,121.86	39.11	32.11	172.61	-333.42	771.66	442.76	376.22	66.54	6.654		
7,550.00	7,116.94	7,134.75	7,131.69	39.66	32.66	172.66	-332.25	741.23	451.92	385.90	66.02	6.845		
7,600.00	7,122.91	7,140.72	7,137.66	40.24	33.24	172.71	-330.74	711.25	461.61	395.99	65.63	7.034		
7,650.18	7,125.00	7,142.81	7,139.75	40.85	33.85	172.76	-328.89	681.86	471.63	406.26	65.37	7.215		
7,700.00	7,125.12	7,142.93	7,139.87	41.48	34.48	172.81	-326.70	651.29	482.57	417.48	65.09	7.414		
7,800.00	7,125.36	7,143.17	7,140.11	42.88	35.88	172.86	-323.39	593.86	509.65	445.25	64.40	7.914		
7,900.00	7,125.60	7,143.41	7,140.35	44.42	37.42	172.91	-321.56	547.53	544.30	480.38	63.92	8.515		
8,000.00	7,125.84	7,143.65	7,140.59	46.10	39.10	172.96	-320.63	513.96	586.91	523.01	63.90	9.184		
8,100.00	7,126.08	7,143.89	7,140.83	47.89	40.89	173.01	-319.65	478.43	636.95	573.34	63.60	10.014		
8,200.00	7,126.32	7,144.13	7,141.07	49.79	42.79	173.06	-318.50	448.36	693.75	630.26	63.49	10.927		
8,300.00	7,126.56	7,144.37	7,141.31	51.79	44.79	173.11	-317.92	429.34	756.22	692.34	63.88	11.838		
8,400.00	7,126.80	7,144.61	7,141.55	53.86	46.86	173.16	-317.91	411.23	823.69	759.56	64.12	12.845		
8,500.00	7,127.04	7,144.85	7,141.79	56.00	49.00	173.21	-318.57	392.92	895.50	831.31	64.19	13.950		
8,600.00	7,127.28	7,145.09	7,142.03	58.21	51.21	173.26	-318.57	392.92	971.15	906.07	65.08	14.922		
8,689.38	7,127.49	7,145.30	7,142.24	60.24	53.24	173.31	-319.91	377.21	1,040.98	976.02	64.97	16.024		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,700.00	7,127.52	6,673.43	6,642.80	60.48	28.48	41.26	-320.01	376.35	1,049.47	984.48	64.99	16.147		
8,800.00	7,127.76	6,657.10	6,628.25	62.79	28.41	38.12	-321.03	369.00	1,131.50	1,066.22	65.27	17.335		
8,841.07	7,127.85	6,650.96	6,622.73	63.74	28.39	36.75	-321.47	366.37	1,166.16	1,100.78	65.38	17.835		
8,900.00	7,128.00	6,642.68	6,615.22	65.12	28.35	36.29	-322.10	362.91	1,216.58	1,151.05	65.54	18.563		
9,000.00	7,128.23	6,612.00	6,586.99	67.50	28.23	34.60	-324.90	351.24	1,303.84	1,238.38	65.46	19.919		
9,100.00	7,128.47	6,612.00	6,586.99	69.91	28.23	34.60	-324.90	351.24	1,391.79	1,325.94	65.85	21.134		
9,200.00	7,128.71	6,612.00	6,586.99	72.35	28.23	34.60	-324.90	351.24	1,481.28	1,415.11	66.16	22.388		
9,300.00	7,128.95	6,612.00	6,586.99	74.83	28.23	34.60	-324.90	351.24	1,572.03	1,505.62	66.40	23.674		
9,400.00	7,129.19	6,612.00	6,586.99	77.33	28.23	34.60	-324.90	351.24	1,663.84	1,597.25	66.59	24.986		
9,500.00	7,129.43	6,612.00	6,586.99	79.86	28.23	34.60	-324.90	351.24	1,756.55	1,689.81	66.74	26.320		
9,600.00	7,129.67	6,612.00	6,586.99	82.41	28.23	34.60	-324.90	351.24	1,850.01	1,783.16	66.85	27.672		
9,700.00	7,129.91	6,572.00	6,549.25	84.97	28.07	32.51	-328.72	338.58	1,942.19	1,875.56	66.63	29.148		
9,800.00	7,130.15	6,566.28	6,543.77	87.56	28.05	32.22	-329.22	337.00	2,036.30	1,969.61	66.69	30.532		
9,900.00	7,130.39	6,560.96	6,538.67	90.16	28.03	31.96	-329.67	335.59	2,130.88	2,064.13	66.75	31.925		
10,000.00	7,130.63	6,556.02	6,533.91	92.78	28.01	31.72	-330.08	334.31	2,225.87	2,159.07	66.79	33.325		
10,100.00	7,130.87	6,518.00	6,496.93	95.41	27.85	29.97	-332.92	326.03	2,322.53	2,255.89	66.64	34.852		
10,200.00	7,131.11	6,518.00	6,496.93	98.06	27.85	29.97	-332.92	326.03	2,417.90	2,351.18	66.71	36.242		
10,300.00	7,131.35	6,518.00	6,496.93	100.71	27.85	29.97	-332.92	326.03	2,513.62	2,446.84	66.78	37.641		
10,400.00	7,131.59	6,518.00	6,496.93	103.38	27.85	29.97	-332.92	326.03	2,609.67	2,542.84	66.84	39.046		
10,500.00	7,131.83	6,518.00	6,496.93	106.06	27.85	29.97	-332.92	326.03	2,706.00	2,639.12	66.88	40.458		
10,600.00	7,132.07	6,518.00	6,496.93	108.74	27.85	29.97	-332.92	326.03	2,802.59	2,735.67	66.93	41.874		
10,700.00	7,132.31	6,518.00	6,496.93	111.44	27.85	29.97	-332.92	326.03	2,899.42	2,832.45	66.97	43.295		
10,800.00	7,132.55	6,518.00	6,496.93	114.14	27.85	29.97	-332.92	326.03	2,996.45	2,929.44	67.01	44.719		
10,900.00	7,132.79	6,518.00	6,496.93	116.85	27.85	29.97	-332.92	326.03	3,093.67	3,026.63	67.04	46.147		
11,000.00	7,133.03	6,518.00	6,496.93	119.57	27.85	29.97	-332.92	326.03	3,191.06	3,123.99	67.07	47.578		
11,100.00	7,133.27	6,518.00	6,496.93	122.29	27.85	29.97	-332.92	326.03	3,288.61	3,221.50	67.10	49.010		
11,200.00	7,133.51	6,518.00	6,496.93	125.02	27.85	29.97	-332.92	326.03	3,386.30	3,319.17	67.13	50.444		
11,300.00	7,133.74	6,518.00	6,496.93	127.76	27.85	29.97	-332.92	326.03	3,484.12	3,416.96	67.16	51.880		
11,400.00	7,133.98	6,518.00	6,496.93	130.50	27.85	29.97	-332.92	326.03	3,582.06	3,514.88	67.18	53.316		
11,500.00	7,134.22	6,518.00	6,496.93	133.24	27.85	29.97	-332.92	326.03	3,680.11	3,612.90	67.21	54.754		
11,600.00	7,134.46	6,518.00	6,496.93	135.99	27.85	29.97	-332.92	326.03	3,778.27	3,711.03	67.24	56.192		
11,700.00	7,134.70	6,518.00	6,496.93	138.75	27.85	29.97	-332.92	326.03	3,876.52	3,809.25	67.27	57.630		
11,800.00	7,134.94	6,518.00	6,496.93	141.51	27.85	29.97	-332.92	326.03	3,974.86	3,907.56	67.29	59.067		
11,900.00	7,135.18	6,518.00	6,496.93	144.27	27.85	29.97	-332.92	326.03	4,073.27	4,005.95	67.32	60.505		
12,000.00	7,135.42	6,518.00	6,496.93	147.03	27.85	29.97	-332.92	326.03	4,171.77	4,104.42	67.35	61.942		
12,100.00	7,135.66	6,518.00	6,496.93	149.80	27.85	29.97	-332.92	326.03	4,270.33	4,202.95	67.38	63.378		
12,200.00	7,135.90	6,518.00	6,496.93	152.58	27.85	29.97	-332.92	326.03	4,368.96	4,301.55	67.41	64.814		
12,300.00	7,136.14	6,518.00	6,496.93	155.35	27.85	29.97	-332.92	326.03	4,467.65	4,400.21	67.44	66.248		
12,400.00	7,136.38	6,518.00	6,496.93	158.13	27.85	29.97	-332.92	326.03	4,566.39	4,498.92	67.47	67.681		
12,500.00	7,136.62	6,518.00	6,496.93	160.91	27.85	29.97	-332.92	326.03	4,665.19	4,597.69	67.50	69.113		
12,600.00	7,136.86	6,518.00	6,496.93	163.70	27.85	29.97	-332.92	326.03	4,764.04	4,696.51	67.53	70.544		
12,700.00	7,137.10	6,518.00	6,496.93	166.48	27.85	29.97	-332.92	326.03	4,862.94	4,795.37	67.57	71.973		
12,800.00	7,137.34	6,477.83	6,457.33	169.27	27.69	28.30	-335.23	319.71	4,960.63	4,893.09	67.54	73.443		
12,900.00	7,137.58	6,476.18	6,455.69	172.06	27.68	28.23	-335.31	319.49	5,059.51	4,991.93	67.58	74.869		
13,000.00	7,137.82	6,474.58	6,454.11	174.86	27.67	28.17	-335.38	319.29	5,158.43	5,090.82	67.61	76.292		
13,100.00	7,138.06	6,473.03	6,452.58	177.65	27.67	28.11	-335.45	319.09	5,257.39	5,189.74	67.65	77.713		
13,200.00	7,138.30	6,471.54	6,451.09	180.45	27.66	28.05	-335.52	318.91	5,356.38	5,288.69	67.69	79.132		
13,300.00	7,138.54	6,470.08	6,449.65	183.25	27.65	28.00	-335.59	318.73	5,455.41	5,387.68	67.73	80.549		
13,400.00	7,138.78	6,468.68	6,448.26	186.05	27.65	27.95	-335.65	318.56	5,554.47	5,486.70	67.77	81.964		
13,500.00	7,139.02	6,467.31	6,446.90	188.85	27.64	27.89	-335.71	318.40	5,653.56	5,585.75	67.81	83.376		
13,600.00	7,139.25	6,465.99	6,445.59	191.65	27.64	27.84	-335.76	318.24	5,752.67	5,684.82	67.85	84.785		
13,700.00	7,139.49	6,425.00	6,404.79	194.46	27.47	26.38	-337.06	314.59	5,853.01	5,785.15	67.86	86.252		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,800.00	7,139.73	6,425.00	6,404.79	197.27	27.47	26.38	-337.06	314.59	5,952.11	5,884.20	67.91	87.653		
13,900.00	7,139.97	6,425.00	6,404.79	200.08	27.47	26.38	-337.06	314.59	6,051.23	5,983.28	67.95	89.052		
14,000.00	7,140.21	6,425.00	6,404.79	202.89	27.47	26.38	-337.06	314.59	6,150.38	6,082.39	68.00	90.447		
14,100.00	7,140.45	6,425.00	6,404.79	205.70	27.47	26.38	-337.06	314.59	6,249.56	6,181.52	68.05	91.840		
14,200.00	7,140.69	6,425.00	6,404.79	208.51	27.47	26.38	-337.06	314.59	6,348.77	6,280.67	68.10	93.231		
14,300.00	7,140.93	6,425.00	6,404.79	211.32	27.47	26.38	-337.06	314.59	6,448.00	6,379.85	68.15	94.618		
14,400.00	7,141.17	6,425.00	6,404.79	214.14	27.47	26.38	-337.06	314.59	6,547.25	6,479.06	68.20	96.002		
14,500.00	7,141.41	6,425.00	6,404.79	216.95	27.47	26.38	-337.06	314.59	6,646.53	6,578.28	68.25	97.384		
14,600.00	7,141.65	6,425.00	6,404.79	219.77	27.47	26.38	-337.06	314.59	6,745.83	6,677.52	68.30	98.762		
14,700.00	7,141.89	6,425.00	6,404.79	222.59	27.47	26.38	-337.06	314.59	6,845.15	6,776.79	68.36	100.137		
14,800.00	7,142.13	6,425.00	6,404.79	225.41	27.47	26.38	-337.06	314.59	6,944.48	6,876.07	68.41	101.509		
14,900.00	7,142.37	6,425.00	6,404.79	228.23	27.47	26.38	-337.06	314.59	7,043.84	6,975.37	68.47	102.878		
15,000.00	7,142.61	6,425.00	6,404.79	231.05	27.47	26.38	-337.06	314.59	7,143.21	7,074.69	68.52	104.243		
15,100.00	7,142.85	6,425.00	6,404.79	233.87	27.47	26.38	-337.06	314.59	7,242.60	7,174.02	68.58	105.605		
15,200.00	7,143.09	6,425.00	6,404.79	236.69	27.47	26.38	-337.06	314.59	7,342.01	7,273.37	68.64	106.963		
15,300.00	7,143.33	6,425.00	6,404.79	239.52	27.47	26.38	-337.06	314.59	7,441.44	7,372.74	68.70	108.318		
15,400.00	7,143.57	6,425.00	6,404.79	242.34	27.47	26.38	-337.06	314.59	7,540.88	7,472.12	68.76	109.670		
15,500.00	7,143.81	6,425.00	6,404.79	245.17	27.47	26.38	-337.06	314.59	7,640.33	7,571.51	68.82	111.018		
15,600.00	7,144.05	6,425.00	6,404.79	247.99	27.47	26.38	-337.06	314.59	7,739.80	7,670.91	68.88	112.362		
15,700.00	7,144.29	6,425.00	6,404.79	250.82	27.47	26.38	-337.06	314.59	7,839.28	7,770.33	68.95	113.703		
15,800.00	7,144.53	6,425.00	6,404.79	253.64	27.47	26.38	-337.06	314.59	7,938.77	7,869.76	69.01	115.040		
15,900.00	7,144.76	6,425.00	6,404.79	256.47	27.47	26.38	-337.06	314.59	8,038.28	7,969.21	69.07	116.373		
16,000.00	7,145.00	6,425.00	6,404.79	259.30	27.47	26.38	-337.06	314.59	8,137.80	8,068.66	69.14	117.703		
16,100.00	7,145.24	6,425.00	6,404.79	262.13	27.47	26.38	-337.06	314.59	8,237.33	8,168.12	69.20	119.028		
16,200.00	7,145.48	6,425.00	6,404.79	264.96	27.47	26.38	-337.06	314.59	8,336.87	8,267.60	69.27	120.350		
16,300.00	7,145.72	6,425.00	6,404.79	267.79	27.47	26.38	-337.06	314.59	8,436.42	8,367.08	69.34	121.668		
16,400.00	7,145.96	6,425.00	6,404.79	270.62	27.47	26.38	-337.06	314.59	8,535.99	8,466.58	69.41	122.982		
16,500.00	7,146.20	6,425.00	6,404.79	273.45	27.47	26.38	-337.06	314.59	8,635.56	8,566.08	69.48	124.292		
16,600.00	7,146.44	6,425.00	6,404.79	276.28	27.47	26.38	-337.06	314.59	8,735.14	8,665.59	69.55	125.598		
16,700.00	7,146.68	6,425.00	6,404.79	279.12	27.47	26.38	-337.06	314.59	8,834.74	8,765.12	69.62	126.900		
16,800.00	7,146.92	6,425.00	6,404.79	281.95	27.47	26.38	-337.06	314.59	8,934.34	8,864.65	69.69	128.198		
16,900.00	7,147.16	6,425.00	6,404.79	284.78	27.47	26.38	-337.06	314.59	9,033.95	8,964.18	69.76	129.492		
17,000.00	7,147.40	6,425.00	6,404.79	287.62	27.47	26.38	-337.06	314.59	9,133.57	9,063.73	69.84	130.782		
17,100.00	7,147.64	6,425.00	6,404.79	290.45	27.47	26.38	-337.06	314.59	9,233.19	9,163.28	69.91	132.067		
17,200.00	7,147.88	6,425.00	6,404.79	293.28	27.47	26.38	-337.06	314.59	9,332.83	9,262.84	69.99	133.349		
17,300.00	7,148.12	6,425.00	6,404.79	296.12	27.47	26.38	-337.06	314.59	9,432.47	9,362.41	70.06	134.626		
17,400.00	7,148.36	6,425.00	6,404.79	298.95	27.47	26.38	-337.06	314.59	9,532.12	9,461.98	70.14	135.899		
17,500.00	7,148.60	6,425.00	6,404.79	301.79	27.47	26.38	-337.06	314.59	9,631.78	9,561.56	70.22	137.168		
17,600.00	7,148.84	6,425.00	6,404.79	304.63	27.47	26.38	-337.06	314.59	9,731.44	9,661.15	70.30	138.433		
17,700.00	7,149.08	6,425.00	6,404.79	307.46	27.47	26.38	-337.06	314.59	9,831.11	9,760.74	70.38	139.693		
17,800.00	7,149.32	6,425.00	6,404.79	310.30	27.47	26.38	-337.06	314.59	9,930.79	9,860.34	70.46	140.949		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	136.16	-527.88	506.98	731.99					
100.00	100.00	76.32	76.32	3.28	3.28	136.17	-528.49	507.30	732.68	726.11	6.57	111.514		
200.00	200.00	171.23	171.19	3.34	3.31	136.23	-530.80	508.42	735.23	728.58	6.65	110.566		
300.00	299.98	294.41	294.35	3.44	3.42	16.43	-532.82	507.82	734.40	727.53	6.87	106.938		
400.00	399.84	432.01	431.80	3.60	3.64	16.95	-532.45	501.97	726.35	719.08	7.27	99.853		
500.00	499.45	556.71	555.83	3.80	3.91	17.95	-530.31	489.36	709.83	702.05	7.79	91.173		
600.00	598.70	651.18	649.57	4.04	4.15	19.01	-528.59	477.77	688.82	680.56	8.26	83.429		
700.00	697.47	729.21	726.95	4.33	4.37	20.21	-529.15	467.73	666.35	657.63	8.72	76.397		
800.00	795.62	795.00	792.20	4.65	4.57	21.47	-532.27	459.99	644.73	635.52	9.21	70.028		
865.50	859.53	846.57	843.29	4.89	4.74	22.60	-536.43	454.39	631.14	621.55	9.59	65.815		
900.00	893.10	872.39	868.84	5.02	4.83	23.16	-539.01	451.66	624.29	614.50	9.79	63.748		
1,000.00	990.42	954.88	950.40	5.41	5.11	25.01	-548.47	443.77	606.72	596.29	10.43	58.171		
1,100.00	1,087.73	1,034.55	1,029.27	5.83	5.39	26.75	-558.21	438.22	592.08	580.98	11.09	53.384		
1,200.00	1,185.05	1,111.53	1,105.47	6.27	5.67	28.33	-568.83	435.61	581.37	569.60	11.77	49.411		
1,300.00	1,282.36	1,191.74	1,184.65	6.72	5.96	29.87	-581.61	435.58	574.79	562.32	12.47	46.103		
1,400.00	1,379.67	1,282.94	1,274.47	7.18	6.30	31.62	-597.40	436.68	570.70	557.48	13.22	43.165		
1,500.00	1,476.99	1,374.49	1,364.37	7.65	6.65	33.49	-614.69	437.39	568.47	554.47	14.00	40.603		
1,595.60	1,570.02	1,464.44	1,452.50	8.11	7.01	35.42	-632.65	437.63	567.80	553.03	14.78	38.430 CC		
1,600.00	1,574.30	1,468.52	1,456.49	8.13	7.03	35.51	-633.48	437.64	567.81	552.99	14.81	38.337 ES		
1,700.00	1,671.61	1,562.10	1,548.02	8.62	7.42	37.55	-652.95	437.90	568.69	553.05	15.64	36.372		
1,800.00	1,768.93	1,658.78	1,642.52	9.11	7.84	39.64	-673.38	438.37	570.77	554.28	16.49	34.611		
1,900.00	1,866.24	1,751.66	1,733.22	9.60	8.25	41.62	-693.37	439.03	574.10	556.76	17.34	33.113		
2,000.00	1,963.56	1,862.09	1,841.20	10.10	8.75	43.91	-716.47	440.03	577.68	559.38	18.30	31.567		
2,100.00	2,060.87	1,961.63	1,938.78	10.61	9.19	45.90	-736.08	441.14	580.86	561.65	19.21	30.239		
2,200.00	2,158.18	2,064.36	2,039.64	11.11	9.66	48.04	-755.63	440.88	583.82	563.67	20.15	28.974		
2,300.00	2,255.50	2,160.82	2,134.33	11.62	10.11	50.04	-773.98	440.60	587.54	566.48	21.06	27.896		
2,400.00	2,352.81	2,260.80	2,232.56	12.13	10.57	52.00	-792.60	441.19	591.72	569.72	22.00	26.893		
2,500.00	2,450.13	2,358.52	2,328.55	12.65	11.02	54.02	-810.88	440.31	596.55	573.61	22.94	26.005		
2,600.00	2,547.44	2,458.83	2,427.12	13.16	11.49	56.06	-829.44	439.42	601.93	578.03	23.90	25.185		
2,700.00	2,644.75	2,558.34	2,525.02	13.68	11.96	58.00	-847.32	438.92	607.52	582.66	24.86	24.437		
2,800.00	2,742.07	2,658.57	2,623.64	14.20	12.43	59.87	-865.15	439.01	613.62	587.79	25.83	23.755		
2,900.00	2,839.38	2,755.21	2,718.80	14.71	12.88	61.76	-881.96	437.82	620.03	593.25	26.78	23.150		
3,000.00	2,936.70	2,847.95	2,809.99	15.23	13.32	63.71	-898.50	434.69	627.77	600.05	27.71	22.651		
3,100.00	3,034.01	2,942.80	2,903.17	15.76	13.78	65.62	-916.02	431.75	636.89	608.23	28.66	22.219		
3,200.00	3,131.32	3,041.45	3,000.07	16.28	14.25	67.53	-934.33	429.01	646.83	617.18	29.65	21.818		
3,300.00	3,228.64	3,138.91	3,095.84	16.80	14.72	69.29	-952.32	427.13	657.19	626.57	30.62	21.463		
3,400.00	3,325.95	3,236.93	3,192.14	17.32	15.19	70.99	-970.49	425.45	668.20	636.60	31.60	21.145		
3,500.00	3,423.26	3,341.41	3,294.87	17.85	15.69	72.67	-989.53	424.53	679.29	646.65	32.64	20.814		
3,600.00	3,520.58	3,441.74	3,393.63	18.37	16.17	74.17	-1,007.20	424.60	690.05	656.41	33.64	20.515		
3,700.00	3,617.89	3,541.40	3,491.75	18.90	16.65	75.59	-1,024.63	425.13	700.99	666.36	34.63	20.241		
3,800.00	3,715.21	3,646.81	3,595.65	19.43	17.15	77.03	-1,042.39	426.01	711.65	675.98	35.67	19.949		
3,900.00	3,812.52	3,742.79	3,690.42	19.95	17.60	78.42	-1,057.55	425.49	722.17	685.53	36.64	19.708		
4,000.00	3,909.83	3,822.65	3,769.13	20.48	17.98	79.65	-1,070.90	423.44	734.71	697.23	37.48	19.605		
4,100.00	4,007.15	3,912.82	3,857.74	21.01	18.42	81.01	-1,087.30	420.50	749.34	710.95	38.39	19.518		
4,200.00	4,104.46	4,002.16	3,945.39	21.53	18.86	82.30	-1,104.31	417.20	765.38	726.08	39.30	19.477		
4,300.00	4,201.78	4,098.17	4,039.47	22.06	19.33	83.64	-1,123.07	413.38	782.44	742.17	40.27	19.429		
4,400.00	4,299.09	4,187.85	4,127.24	22.59	19.78	84.81	-1,141.14	410.03	800.35	759.18	41.18	19.437		
4,500.00	4,396.40	4,293.73	4,230.85	23.12	20.30	86.10	-1,162.68	406.53	818.61	776.35	42.26	19.371		
4,600.00	4,493.72	4,395.24	4,330.36	23.65	20.80	87.27	-1,182.53	403.73	836.24	792.95	43.29	19.316		
4,700.00	4,591.03	4,487.00	4,420.19	24.18	21.26	88.21	-1,201.15	402.10	854.33	810.11	44.22	19.319		
4,800.00	4,688.34	4,583.04	4,513.99	24.71	21.74	89.04	-1,221.83	401.70	873.04	827.84	45.20	19.314		
4,900.00	4,785.66	4,681.57	4,610.23	25.24	22.24	89.87	-1,242.89	401.17	891.86	845.65	46.21	19.301		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 141-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,882.97	4,780.29	4,706.72	25.77	22.73	90.71	-1,263.75	400.06	910.95	863.73	47.22	19.293		
5,100.00	4,980.29	4,884.91	4,809.21	26.30	23.25	91.60	-1,284.67	398.78	929.30	881.02	48.29	19.246		
5,200.00	5,077.60	4,987.42	4,909.72	26.83	23.76	92.49	-1,304.73	396.93	947.85	898.52	49.33	19.215		
5,300.00	5,174.91	5,097.25	5,017.53	27.36	24.30	93.31	-1,325.73	397.13	965.08	914.63	50.44	19.132		
5,400.00	5,272.23	5,206.51	5,124.81	27.89	24.84	94.04	-1,346.37	398.60	981.63	930.09	51.54	19.045		
5,500.00	5,369.54	5,324.85	5,241.37	28.42	25.41	94.85	-1,366.70	400.76	996.66	943.95	52.71	18.910		
5,600.00	5,466.86	5,429.22	5,344.52	28.95	25.90	95.62	-1,382.49	402.65	1,010.17	956.43	53.74	18.797		
5,700.00	5,564.17	5,505.00	5,419.32	29.48	26.26	96.16	-1,394.60	403.41	1,024.99	970.44	54.55	18.791		
5,800.00	5,661.48	5,591.12	5,504.12	30.01	26.68	96.76	-1,409.55	403.50	1,041.59	986.16	55.43	18.792		
5,900.00	5,758.80	5,702.72	5,614.12	30.54	27.22	97.55	-1,428.40	403.05	1,058.29	1,001.75	56.54	18.716		
6,000.00	5,856.11	5,780.97	5,691.12	31.07	27.60	98.05	-1,442.31	403.10	1,075.48	1,018.13	57.35	18.753		
6,100.00	5,953.43	5,862.93	5,771.42	31.61	28.01	98.48	-1,458.75	403.61	1,094.21	1,036.03	58.18	18.806		
6,200.00	6,050.74	5,984.24	5,890.21	32.14	28.62	99.07	-1,483.29	404.79	1,112.99	1,053.57	59.42	18.730		
6,300.00	6,148.05	6,085.09	5,989.43	32.67	29.11	99.64	-1,501.28	405.35	1,130.26	1,069.82	60.44	18.700		
6,400.00	6,245.37	6,172.06	6,074.91	33.20	29.53	100.11	-1,517.30	405.50	1,148.28	1,086.95	61.33	18.723		
6,500.00	6,342.68	6,298.65	6,199.51	33.73	30.15	100.77	-1,539.65	406.60	1,165.39	1,102.80	62.59	18.620		
6,520.81	6,362.93	6,324.14	6,224.61	33.85	30.27	100.89	-1,544.01	407.19	1,168.68	1,105.84	62.84	18.598		
6,550.00	6,391.46	6,368.98	6,268.77	34.00	30.49	94.99	-1,551.70	408.75	1,172.69	1,109.44	63.25	18.539		
6,600.00	6,440.79	7,377.00	6,968.23	34.23	34.99	48.58	-1,698.61	1,013.08	1,152.00	1,094.52	57.48	20.042		
6,650.00	6,490.44	6,650.00	6,964.26	34.43	32.77	11.42	-1,697.40	998.91	1,124.84	1,072.72	52.11	21.585		
6,700.00	6,540.10	7,422.35	6,975.92	34.60	35.52	-30.98	-1,702.32	1,057.62	1,098.83	1,038.44	60.39	18.196		
6,750.00	6,589.46	7,425.37	6,976.34	34.76	35.56	-53.58	-1,702.57	1,060.59	1,074.17	1,012.38	61.79	17.384		
6,800.00	6,638.22	7,420.90	6,975.71	34.92	35.50	-65.70	-1,702.20	1,056.18	1,051.24	988.12	63.12	16.655		
6,850.00	6,686.09	7,411.13	6,974.25	35.07	35.38	-72.90	-1,701.40	1,046.55	1,030.25	965.90	64.35	16.010		
6,900.00	6,732.75	7,398.20	6,972.13	35.24	35.21	-77.55	-1,700.33	1,033.85	1,011.38	945.93	65.45	15.453		
6,950.00	6,777.94	7,380.78	6,968.97	35.42	35.03	-80.55	-1,698.91	1,016.78	994.73	928.26	66.47	14.965		
7,000.00	6,821.36	7,361.17	6,964.96	35.61	34.82	-82.51	-1,697.32	997.65	980.37	913.01	67.36	14.554		
7,050.00	6,862.75	7,339.86	6,960.07	35.83	34.60	-83.71	-1,695.58	976.97	968.33	900.21	68.11	14.216		
7,100.00	6,901.85	7,317.19	6,954.28	36.06	34.38	-84.32	-1,693.73	955.14	958.61	889.88	68.73	13.947		
7,150.00	6,938.43	7,295.24	6,948.08	36.32	34.18	-84.58	-1,691.94	934.16	951.18	881.97	69.21	13.743		
7,200.00	6,972.26	7,262.88	6,937.94	36.61	33.93	-83.94	-1,689.23	903.55	945.92	876.33	69.59	13.592		
7,250.00	7,003.13	7,230.38	6,926.61	36.93	33.71	-83.04	-1,686.26	873.24	942.58	872.72	69.85	13.494		
7,300.00	7,030.85	7,197.76	6,914.10	37.29	33.53	-81.91	-1,683.03	843.28	941.01	871.00	70.01	13.441		
7,321.04	7,041.53	7,186.04	6,909.33	37.45	33.47	-81.48	-1,681.82	832.65	940.85	870.77	70.08	13.426		
7,350.00	7,055.25	7,171.37	6,903.09	37.68	33.41	-80.91	-1,680.30	819.46	941.15	870.99	70.16	13.415 SF		
7,400.00	7,076.17	7,145.99	6,891.61	38.12	33.31	-79.77	-1,677.67	796.98	942.99	872.72	70.27	13.420		
7,450.00	7,093.50	7,120.56	6,879.23	38.60	33.23	-78.48	-1,675.05	774.92	946.38	876.03	70.35	13.453		
7,500.00	7,107.11	7,099.00	6,868.08	39.11	33.16	-77.23	-1,672.84	756.61	951.19	880.73	70.45	13.501		
7,550.00	7,116.94	7,068.93	6,851.50	39.66	33.07	-75.50	-1,669.77	731.71	957.18	886.66	70.53	13.572		
7,600.00	7,122.91	7,042.95	6,836.24	40.24	33.00	-73.87	-1,667.11	710.86	964.23	893.59	70.64	13.649		
7,650.18	7,125.00	7,025.60	6,825.63	40.85	32.96	-72.50	-1,665.21	697.26	972.11	901.25	70.85	13.720		
7,700.00	7,125.12	6,981.44	6,796.86	41.48	32.83	-70.80	-1,660.62	664.07	981.08	910.24	70.84	13.849		
7,800.00	7,125.36	6,906.03	6,743.71	42.88	32.61	-67.69	-1,650.09	611.69	1,001.92	931.09	70.83	14.145		
7,900.00	7,125.60	6,848.37	6,700.24	44.42	32.42	-65.16	-1,640.22	575.13	1,027.81	956.83	70.98	14.480		
8,000.00	7,125.84	6,815.00	6,674.17	46.10	32.32	-63.66	-1,633.98	555.26	1,059.56	988.10	71.46	14.827		
8,100.00	7,126.08	6,769.51	6,637.54	47.89	32.16	-61.58	-1,625.31	529.73	1,097.30	1,025.60	71.71	15.303		
8,200.00	7,126.32	6,739.54	6,612.72	49.79	32.05	-60.21	-1,619.71	513.90	1,141.17	1,069.04	72.13	15.821		
8,300.00	7,126.56	6,720.00	6,596.25	51.79	31.98	-59.31	-1,616.11	504.00	1,190.63	1,117.96	72.67	16.385		
8,400.00	7,126.80	6,688.08	6,568.88	53.86	31.86	-57.84	-1,610.26	488.66	1,245.06	1,172.13	72.93	17.072		
8,500.00	7,127.04	6,666.14	6,549.73	56.00	31.78	-56.84	-1,606.26	478.74	1,304.10	1,230.81	73.29	17.795		
8,600.00	7,127.28	6,627.00	6,514.92	58.21	31.63	-55.05	-1,599.13	462.32	1,367.53	1,294.23	73.30	18.656		
8,689.38	7,127.49	6,627.00	6,514.92	60.24	31.63	-55.05	-1,599.13	462.32	1,426.76	1,352.94	73.82	19.328		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 141-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,127.52	6,627.00	6,514.92	60.48	31.63	-55.16	-1,599.13	462.32	1,433.99	1,360.11	73.87	19.412		
8,800.00	7,127.76	6,627.00	6,514.92	62.79	31.63	-56.23	-1,599.13	462.32	1,502.94	1,428.62	74.33	20.220		
8,841.07	7,127.85	6,627.00	6,514.92	63.74	31.63	-56.67	-1,599.13	462.32	1,531.67	1,457.19	74.48	20.564		
8,900.00	7,128.00	6,599.57	6,490.05	65.12	31.52	-55.44	-1,594.10	451.93	1,572.93	1,498.59	74.34	21.159		
9,000.00	7,128.23	6,587.39	6,478.88	67.50	31.47	-54.89	-1,591.83	447.64	1,645.74	1,571.23	74.51	22.088		
9,100.00	7,128.47	6,576.33	6,468.67	69.91	31.42	-54.40	-1,589.76	443.94	1,721.05	1,646.40	74.65	23.055		
9,200.00	7,128.71	6,566.25	6,459.30	72.35	31.38	-53.95	-1,587.85	440.71	1,798.58	1,723.82	74.77	24.056		
9,300.00	7,128.95	6,553.00	6,428.13	74.83	31.25	-52.47	-1,581.49	431.08	1,878.59	1,804.00	74.59	25.184		
9,400.00	7,129.19	6,533.00	6,428.13	77.33	31.25	-52.47	-1,581.49	431.08	1,959.54	1,884.76	74.78	26.205		
9,500.00	7,129.43	6,533.00	6,428.13	79.86	31.25	-52.47	-1,581.49	431.08	2,042.17	1,967.24	74.92	27.256		
9,600.00	7,129.67	6,533.00	6,428.13	82.41	31.25	-52.47	-1,581.49	431.08	2,126.29	2,051.25	75.04	28.334		
9,700.00	7,129.91	6,533.00	6,428.13	84.97	31.25	-52.47	-1,581.49	431.08	2,211.74	2,136.60	75.14	29.435		
9,800.00	7,130.15	6,533.00	6,428.13	87.56	31.25	-52.47	-1,581.49	431.08	2,298.36	2,223.14	75.22	30.556		
9,900.00	7,130.39	6,533.00	6,428.13	90.16	31.25	-52.47	-1,581.49	431.08	2,386.03	2,310.75	75.28	31.696		
10,000.00	7,130.63	6,533.00	6,428.13	92.78	31.25	-52.47	-1,581.49	431.08	2,474.63	2,399.30	75.33	32.852		
10,100.00	7,130.87	6,533.00	6,428.13	95.41	31.25	-52.47	-1,581.49	431.08	2,564.07	2,488.71	75.36	34.022		
10,200.00	7,131.11	6,533.00	6,428.13	98.06	31.25	-52.47	-1,581.49	431.08	2,654.27	2,578.87	75.39	35.205		
10,300.00	7,131.35	6,533.00	6,428.13	100.71	31.25	-52.47	-1,581.49	431.08	2,745.14	2,669.72	75.42	36.399		
10,400.00	7,131.59	6,533.00	6,428.13	103.38	31.25	-52.47	-1,581.49	431.08	2,836.63	2,761.19	75.44	37.604		
10,500.00	7,131.83	6,533.00	6,428.13	106.06	31.25	-52.47	-1,581.49	431.08	2,928.67	2,853.23	75.45	38.817		
10,600.00	7,132.07	6,492.44	6,389.43	108.74	31.06	-50.70	-1,573.77	421.75	3,019.48	2,944.27	75.21	40.148		
10,700.00	7,132.31	6,489.55	6,386.65	111.44	31.05	-50.57	-1,573.23	421.20	3,112.24	3,037.03	75.21	41.382		
10,800.00	7,132.55	6,486.82	6,384.01	114.14	31.04	-50.45	-1,572.72	420.69	3,205.42	3,130.22	75.20	42.623		
10,900.00	7,132.79	6,484.23	6,381.51	116.85	31.03	-50.34	-1,572.23	420.21	3,298.99	3,223.78	75.20	43.869		
11,000.00	7,133.03	6,481.77	6,379.13	119.57	31.01	-50.24	-1,571.78	419.78	3,392.90	3,317.71	75.20	45.119		
11,100.00	7,133.27	6,479.42	6,376.86	122.29	31.00	-50.13	-1,571.34	419.37	3,487.15	3,411.95	75.20	46.375		
11,200.00	7,133.51	6,440.00	6,338.47	125.02	30.83	-48.46	-1,564.17	414.03	3,583.14	3,508.15	74.99	47.785		
11,300.00	7,133.74	6,440.00	6,338.47	127.76	30.83	-48.46	-1,564.17	414.03	3,677.80	3,602.80	75.00	49.037		
11,400.00	7,133.98	6,440.00	6,338.47	130.50	30.83	-48.46	-1,564.17	414.03	3,772.74	3,697.73	75.01	50.294		
11,500.00	7,134.22	6,440.00	6,338.47	133.24	30.83	-48.46	-1,564.17	414.03	3,867.93	3,792.90	75.03	51.554		
11,600.00	7,134.46	6,440.00	6,338.47	135.99	30.83	-48.46	-1,564.17	414.03	3,963.36	3,888.32	75.04	52.816		
11,700.00	7,134.70	6,440.00	6,338.47	138.75	30.83	-48.46	-1,564.17	414.03	4,059.01	3,983.96	75.05	54.081		
11,800.00	7,134.94	6,440.00	6,338.47	141.51	30.83	-48.46	-1,564.17	414.03	4,154.87	4,079.80	75.07	55.349		
11,900.00	7,135.18	6,440.00	6,338.47	144.27	30.83	-48.46	-1,564.17	414.03	4,250.91	4,175.83	75.08	56.618		
12,000.00	7,135.42	6,440.00	6,338.47	147.03	30.83	-48.46	-1,564.17	414.03	4,347.13	4,272.04	75.10	57.888		
12,100.00	7,135.66	6,440.00	6,338.47	149.80	30.83	-48.46	-1,564.17	414.03	4,443.52	4,368.41	75.11	59.160		
12,200.00	7,135.90	6,440.00	6,338.47	152.58	30.83	-48.46	-1,564.17	414.03	4,540.07	4,464.95	75.13	60.433		
12,300.00	7,136.14	6,440.00	6,338.47	155.35	30.83	-48.46	-1,564.17	414.03	4,636.76	4,561.62	75.14	61.707		
12,400.00	7,136.38	6,440.00	6,338.47	158.13	30.83	-48.46	-1,564.17	414.03	4,733.59	4,658.44	75.16	62.981		
12,500.00	7,136.62	6,440.00	6,338.47	160.91	30.83	-48.46	-1,564.17	414.03	4,830.55	4,755.38	75.18	64.256		
12,600.00	7,136.86	6,440.00	6,338.47	163.70	30.83	-48.46	-1,564.17	414.03	4,927.64	4,852.44	75.20	65.531		
12,700.00	7,137.10	6,440.00	6,338.47	166.48	30.83	-48.46	-1,564.17	414.03	5,024.83	4,949.62	75.22	66.806		
12,800.00	7,137.34	6,440.00	6,338.47	169.27	30.83	-48.46	-1,564.17	414.03	5,122.13	5,046.90	75.24	68.081		
12,900.00	7,137.58	6,440.00	6,338.47	172.06	30.83	-48.46	-1,564.17	414.03	5,219.54	5,144.28	75.26	69.356		
13,000.00	7,137.82	6,440.00	6,338.47	174.86	30.83	-48.46	-1,564.17	414.03	5,317.04	5,241.76	75.28	70.630		
13,100.00	7,138.06	6,440.00	6,338.47	177.65	30.83	-48.46	-1,564.17	414.03	5,414.63	5,339.33	75.30	71.904		
13,200.00	7,138.30	6,440.00	6,338.47	180.45	30.83	-48.46	-1,564.17	414.03	5,512.31	5,436.99	75.33	73.177		
13,300.00	7,138.54	6,440.00	6,338.47	183.25	30.83	-48.46	-1,564.17	414.03	5,610.08	5,534.72	75.35	74.449		
13,400.00	7,138.78	6,440.00	6,338.47	186.05	30.83	-48.46	-1,564.17	414.03	5,707.91	5,632.53	75.38	75.720		
13,500.00	7,139.02	6,440.00	6,338.47	188.85	30.83	-48.46	-1,564.17	414.03	5,805.83	5,730.42	75.41	76.991		
13,600.00	7,139.25	6,440.00	6,338.47	191.65	30.83	-48.46	-1,564.17	414.03	5,903.81	5,828.37	75.44	78.260		
13,700.00	7,139.49	6,440.00	6,338.47	194.46	30.83	-48.46	-1,564.17	414.03	6,001.86	5,926.39	75.47	79.528		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 141-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,139.73	6,440.00	6,338.47	197.27	30.83	-48.46	-1,564.17	414.03	6,099.97	6,024.47	75.50	80.794		
13,900.00	7,139.97	6,440.00	6,338.47	200.08	30.83	-48.46	-1,564.17	414.03	6,198.14	6,122.61	75.53	82.060		
14,000.00	7,140.21	6,440.00	6,338.47	202.89	30.83	-48.46	-1,564.17	414.03	6,296.37	6,220.81	75.57	83.323		
14,100.00	7,140.45	6,440.00	6,338.47	205.70	30.83	-48.46	-1,564.17	414.03	6,394.66	6,319.06	75.60	84.585		
14,200.00	7,140.69	6,440.00	6,338.47	208.51	30.83	-48.46	-1,564.17	414.03	6,492.99	6,417.36	75.64	85.846		
14,300.00	7,140.93	6,440.00	6,338.47	211.32	30.83	-48.46	-1,564.17	414.03	6,591.38	6,515.71	75.67	87.105		
14,400.00	7,141.17	6,440.00	6,338.47	214.14	30.83	-48.46	-1,564.17	414.03	6,689.82	6,614.11	75.71	88.361		
14,500.00	7,141.41	6,440.00	6,338.47	216.95	30.83	-48.46	-1,564.17	414.03	6,788.30	6,712.55	75.75	89.616		
14,600.00	7,141.65	6,440.00	6,338.47	219.77	30.83	-48.46	-1,564.17	414.03	6,886.82	6,811.03	75.79	90.869		
14,700.00	7,141.89	6,440.00	6,338.47	222.59	30.83	-48.46	-1,564.17	414.03	6,985.39	6,909.56	75.83	92.120		
14,800.00	7,142.13	6,440.00	6,338.47	225.41	30.83	-48.46	-1,564.17	414.03	7,083.99	7,008.12	75.87	93.369		
14,900.00	7,142.37	6,440.00	6,338.47	228.23	30.83	-48.46	-1,564.17	414.03	7,182.64	7,106.73	75.91	94.616		
15,000.00	7,142.61	6,440.00	6,338.47	231.05	30.83	-48.46	-1,564.17	414.03	7,281.32	7,205.36	75.96	95.860		
15,100.00	7,142.85	6,440.00	6,338.47	233.87	30.83	-48.46	-1,564.17	414.03	7,380.04	7,304.04	76.00	97.103		
15,200.00	7,143.09	6,440.00	6,338.47	236.69	30.83	-48.46	-1,564.17	414.03	7,478.79	7,402.74	76.05	98.342		
15,300.00	7,143.33	6,440.00	6,338.47	239.52	30.83	-48.46	-1,564.17	414.03	7,577.58	7,501.48	76.10	99.580		
15,400.00	7,143.57	6,440.00	6,338.47	242.34	30.83	-48.46	-1,564.17	414.03	7,676.39	7,600.25	76.14	100.815		
15,500.00	7,143.81	6,440.00	6,338.47	245.17	30.83	-48.46	-1,564.17	414.03	7,775.24	7,699.05	76.19	102.048		
15,600.00	7,144.05	6,440.00	6,338.47	247.99	30.83	-48.46	-1,564.17	414.03	7,874.11	7,797.87	76.24	103.278		
15,700.00	7,144.29	6,440.00	6,338.47	250.82	30.83	-48.46	-1,564.17	414.03	7,973.02	7,896.72	76.29	104.505		
15,800.00	7,144.53	6,440.00	6,338.47	253.64	30.83	-48.46	-1,564.17	414.03	8,071.95	7,995.60	76.34	105.730		
15,900.00	7,144.76	6,440.00	6,338.47	256.47	30.83	-48.46	-1,564.17	414.03	8,170.90	8,094.51	76.40	106.952		
16,000.00	7,145.00	6,440.00	6,338.47	259.30	30.83	-48.46	-1,564.17	414.03	8,269.89	8,193.43	76.45	108.172		
16,100.00	7,145.24	6,440.00	6,338.47	262.13	30.83	-48.46	-1,564.17	414.03	8,368.89	8,292.39	76.51	109.388		
16,200.00	7,145.48	6,440.00	6,338.47	264.96	30.83	-48.46	-1,564.17	414.03	8,467.92	8,391.36	76.56	110.602		
16,300.00	7,145.72	6,440.00	6,338.47	267.79	30.83	-48.46	-1,564.17	414.03	8,566.97	8,490.35	76.62	111.814		
16,400.00	7,145.96	6,440.00	6,338.47	270.62	30.83	-48.46	-1,564.17	414.03	8,666.05	8,589.37	76.68	113.022		
16,500.00	7,146.20	6,440.00	6,338.47	273.45	30.83	-48.46	-1,564.17	414.03	8,765.14	8,688.41	76.73	114.227		
16,600.00	7,146.44	6,440.00	6,338.47	276.28	30.83	-48.46	-1,564.17	414.03	8,864.26	8,787.46	76.79	115.430		
16,700.00	7,146.68	6,440.00	6,338.47	279.12	30.83	-48.46	-1,564.17	414.03	8,963.39	8,886.54	76.85	116.629		
16,800.00	7,146.92	6,440.00	6,338.47	281.95	30.83	-48.46	-1,564.17	414.03	9,062.54	8,985.63	76.91	117.826		
16,900.00	7,147.16	6,440.00	6,338.47	284.78	30.83	-48.46	-1,564.17	414.03	9,161.72	9,084.74	76.98	119.019		
17,000.00	7,147.40	6,440.00	6,338.47	287.62	30.83	-48.46	-1,564.17	414.03	9,260.91	9,183.87	77.04	120.210		
17,100.00	7,147.64	6,440.00	6,338.47	290.45	30.83	-48.46	-1,564.17	414.03	9,360.11	9,283.01	77.10	121.397		
17,200.00	7,147.88	6,440.00	6,338.47	293.28	30.83	-48.46	-1,564.17	414.03	9,459.34	9,382.17	77.17	122.581		
17,300.00	7,148.12	6,440.00	6,338.47	296.12	30.83	-48.46	-1,564.17	414.03	9,558.58	9,481.34	77.23	123.762		
17,400.00	7,148.36	6,440.00	6,338.47	298.95	30.83	-48.46	-1,564.17	414.03	9,657.83	9,580.53	77.30	124.940		
17,500.00	7,148.60	6,440.00	6,338.47	301.79	30.83	-48.46	-1,564.17	414.03	9,757.10	9,679.74	77.37	126.115		
17,600.00	7,148.84	6,398.97	6,298.24	304.63	30.63	-46.78	-1,556.91	410.54	9,855.69	9,778.41	77.28	127.529		
17,700.00	7,149.08	6,398.17	6,297.45	307.46	30.63	-46.75	-1,556.77	410.48	9,954.96	9,877.61	77.35	128.704		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	142.84	-667.77	506.15	837.99					
100.00	100.00	95.04	95.04	3.28	3.29	142.84	-667.48	505.97	837.60	831.02	6.57	127.458		
200.00	200.00	201.82	201.81	3.34	3.31	142.83	-666.47	505.31	836.47	829.82	6.65	125.825		
300.00	299.98	311.19	311.16	3.44	3.38	22.87	-664.37	504.40	832.84	826.01	6.83	121.995		
400.00	399.84	426.88	426.73	3.60	3.54	22.90	-659.29	504.28	824.47	817.32	7.15	115.308		
500.00	499.45	529.52	529.20	3.80	3.73	23.03	-653.47	503.68	811.59	804.04	7.55	107.537		
600.00	598.70	609.92	609.54	4.04	3.91	23.38	-650.57	502.35	796.53	788.57	7.96	100.105		
700.00	697.47	693.08	692.67	4.33	4.12	24.02	-650.40	500.16	780.45	772.01	8.44	92.520		
800.00	795.62	775.56	774.99	4.65	4.34	25.02	-653.39	496.31	763.24	754.27	8.96	85.138		
865.50	859.53	831.60	830.74	4.89	4.50	25.94	-657.41	492.45	751.47	742.13	9.35	80.411		
900.00	893.10	863.85	862.77	5.02	4.59	26.49	-660.19	489.78	745.15	735.59	9.56	77.934		
1,000.00	990.42	954.62	952.59	5.41	4.87	28.24	-669.44	480.60	727.61	717.41	10.20	71.308		
1,100.00	1,087.73	1,042.90	1,039.42	5.83	5.17	30.27	-680.74	469.37	711.81	700.92	10.89	65.387		
1,200.00	1,185.05	1,131.25	1,126.03	6.27	5.49	32.48	-693.39	457.34	698.03	686.42	11.61	60.122		
1,300.00	1,282.36	1,220.20	1,213.00	6.72	5.84	34.85	-707.15	444.80	686.40	674.03	12.37	55.505		
1,400.00	1,379.67	1,312.99	1,303.51	7.18	6.21	37.45	-722.35	431.15	676.83	663.66	13.17	51.396		
1,500.00	1,476.99	1,412.36	1,400.32	7.65	6.63	40.38	-738.47	415.54	668.47	654.44	14.02	47.665		
1,600.00	1,574.30	1,513.78	1,499.24	8.13	7.07	43.43	-754.02	399.45	661.06	646.15	14.91	44.335		
1,700.00	1,671.61	1,617.43	1,600.74	8.62	7.52	46.49	-768.04	383.86	653.96	638.14	15.82	41.336		
1,800.00	1,768.93	1,715.54	1,697.34	9.11	7.95	49.24	-779.76	371.38	647.53	630.81	16.71	38.742		
1,900.00	1,866.24	1,811.54	1,792.31	9.60	8.36	51.68	-790.54	362.40	642.37	624.77	17.60	36.505		
2,000.00	1,963.56	1,909.49	1,889.53	10.10	8.78	53.90	-800.94	356.63	638.21	619.72	18.49	34.517		
2,100.00	2,060.87	2,033.08	2,012.41	10.61	9.30	56.73	-811.95	349.42	633.54	614.05	19.48	32.514		
2,200.00	2,158.18	2,130.70	2,109.61	11.11	9.72	59.08	-817.90	342.71	627.02	606.62	20.40	30.744		
2,300.00	2,255.50	2,227.22	2,205.80	11.62	10.13	61.35	-823.78	337.20	621.58	600.27	21.31	29.174		
2,400.00	2,352.81	2,323.83	2,302.10	12.13	10.53	63.59	-829.80	332.43	617.27	595.05	22.22	27.779		
2,500.00	2,450.13	2,446.70	2,424.79	12.65	11.05	66.38	-834.01	327.71	611.00	587.79	23.22	26.318		
2,600.00	2,547.44	2,542.90	2,520.93	13.16	11.44	68.54	-836.10	324.99	604.53	580.40	24.14	25.046		
2,700.00	2,644.75	2,642.10	2,620.08	13.68	11.85	70.79	-838.15	322.30	598.87	573.80	25.07	23.888		
2,800.00	2,742.07	2,740.70	2,718.63	14.20	12.26	73.09	-839.68	319.55	593.70	567.69	26.01	22.828		
2,900.00	2,839.38	2,844.82	2,822.69	14.71	12.70	75.58	-840.95	316.58	589.25	562.29	26.96	21.857		
3,000.00	2,936.70	2,947.26	2,925.13	15.23	13.11	77.94	-840.80	315.31	584.05	556.15	27.90	20.931		
3,100.00	3,034.01	3,041.97	3,019.83	15.76	13.50	80.16	-840.68	314.15	579.85	551.02	28.84	20.108		
3,200.00	3,131.32	3,138.61	3,116.45	16.28	13.90	82.47	-840.83	312.68	576.99	547.21	29.78	19.377		
3,300.00	3,228.64	3,235.26	3,213.09	16.80	14.30	84.78	-840.95	311.28	575.07	544.36	30.72	18.721		
3,400.00	3,325.95	3,333.05	3,310.87	17.32	14.71	87.15	-841.07	309.77	574.22	542.56	31.66	18.136		
3,500.00	3,423.26	3,433.74	3,411.55	17.85	15.13	89.59	-840.84	308.37	574.02	541.41	32.61	17.603		
3,512.79	3,435.71	3,446.69	3,424.50	17.92	15.18	89.91	-840.76	308.21	574.01	541.29	32.73	17.538		
3,600.00	3,520.58	3,533.19	3,510.99	18.37	15.54	92.02	-840.00	307.12	574.27	540.72	33.55	17.119		
3,700.00	3,617.89	3,630.68	3,608.47	18.90	15.94	94.40	-838.95	306.00	575.32	540.85	34.47	16.688		
3,800.00	3,715.21	3,725.74	3,703.51	19.43	16.33	96.71	-838.06	304.90	577.52	542.13	35.39	16.317		
3,900.00	3,812.52	3,824.28	3,802.05	19.95	16.73	99.02	-837.50	304.12	580.80	544.48	36.32	15.993		
4,000.00	3,909.83	3,933.62	3,911.38	20.48	17.16	101.37	-837.05	305.78	583.64	546.39	37.25	15.669		
4,100.00	4,007.15	4,027.77	4,005.50	21.01	17.52	103.32	-836.66	307.94	586.79	548.66	38.13	15.388		
4,200.00	4,104.46	4,123.32	4,101.03	21.53	17.89	105.29	-836.39	309.66	591.13	552.11	39.02	15.150		
4,300.00	4,201.78	4,217.13	4,194.83	22.06	18.26	107.19	-836.61	311.12	596.74	556.85	39.89	14.958		
4,400.00	4,299.09	4,311.51	4,289.21	22.59	18.63	109.07	-837.10	312.10	603.64	562.87	40.77	14.807		
4,500.00	4,396.40	4,406.14	4,383.82	23.12	19.01	110.91	-837.94	312.74	611.74	570.10	41.64	14.691		
4,600.00	4,493.72	4,501.35	4,479.03	23.65	19.40	112.69	-839.27	313.23	620.95	578.43	42.52	14.605		
4,700.00	4,591.03	4,598.24	4,575.90	24.18	19.80	114.44	-840.78	313.55	631.02	587.62	43.40	14.539		
4,800.00	4,688.34	4,695.62	4,673.27	24.71	20.21	116.15	-842.23	313.84	641.68	597.39	44.28	14.490		
4,900.00	4,785.66	4,789.02	4,766.64	25.24	20.60	117.67	-844.55	314.32	653.24	608.09	45.14	14.470		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - Fagerberg 23N-7C-M - OH - OH		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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)					
5,000.00	4,882.97	4,880.22	4,857.80	25.77	20.98	119.11	-847.13	314.03	666.16	620.17	45.98	14.487				
5,100.00	4,980.29	4,975.26	4,952.81	26.30	21.39	120.63	-849.38	312.77	680.20	633.35	46.85	14.519				
5,200.00	5,077.60	5,073.80	5,051.31	26.83	21.82	122.19	-851.17	311.14	694.77	647.03	47.74	14.554				
5,300.00	5,174.91	5,176.28	5,153.77	27.36	22.26	123.76	-852.73	309.62	709.56	660.91	48.65	14.585				
5,400.00	5,272.23	5,283.00	5,260.49	27.89	22.70	125.49	-851.92	308.66	723.38	673.81	49.58	14.592				
5,500.00	5,369.54	5,379.58	5,357.02	28.42	23.10	127.11	-849.55	307.51	737.39	686.98	50.42	14.626				
5,600.00	5,466.86	5,471.26	5,448.66	28.95	23.48	128.63	-846.98	306.09	752.20	700.98	51.22	14.686				
5,700.00	5,564.17	5,561.42	5,538.77	29.48	23.86	130.06	-844.94	303.85	768.60	716.59	52.01	14.778				
5,800.00	5,661.48	5,659.01	5,636.33	30.01	24.28	131.39	-844.79	301.86	785.74	732.87	52.87	14.862				
5,900.00	5,758.80	5,759.38	5,736.69	30.54	24.71	132.57	-846.23	300.60	803.00	749.23	53.76	14.936				
6,000.00	5,856.11	5,859.47	5,836.77	31.07	25.13	133.70	-847.54	299.78	820.12	765.47	54.65	15.006				
6,100.00	5,953.43	5,958.05	5,935.33	31.61	25.55	134.94	-846.44	298.53	837.37	781.85	55.51	15.084				
6,200.00	6,050.74	6,057.17	6,034.44	32.14	25.97	136.11	-845.58	297.57	854.75	798.37	56.38	15.160				
6,300.00	6,148.05	6,155.13	6,132.39	32.67	26.38	137.19	-845.17	296.92	872.25	815.01	57.24	15.238				
6,400.00	6,245.37	6,252.81	6,230.07	33.20	26.80	138.23	-844.71	296.32	890.01	831.91	58.10	15.319				
6,500.00	6,342.68	7,758.74	7,146.44	33.73	37.65	131.21	-841.63	1,177.97	829.38	810.56	18.82	44.080				
6,520.81	6,362.93	7,762.12	7,146.49	33.85	37.70	130.89	-841.65	1,181.35	809.10	790.13	18.97	42.648				
6,550.00	6,391.46	7,766.43	7,146.55	34.00	37.77	119.03	-841.67	1,185.66	780.54	761.35	19.19	40.669				
6,600.00	6,440.79	7,771.60	7,146.65	34.23	37.86	82.51	-841.69	1,190.83	731.16	711.62	19.54	37.410				
6,650.00	6,490.44	7,773.85	7,146.69	34.43	37.89	9.94	-841.70	1,193.07	681.46	661.59	19.87	34.303				
6,700.00	6,540.10	7,773.00	7,146.68	34.60	37.88	-66.82	-841.69	1,192.23	631.73	611.57	20.16	31.330				
6,750.00	6,589.46	7,768.94	7,146.60	34.76	37.81	-106.75	-841.68	1,188.16	582.31	561.85	20.46	28.465				
6,800.00	6,638.22	7,761.50	7,146.48	34.92	37.69	-125.92	-841.64	1,180.73	533.52	512.75	20.77	25.688				
6,850.00	6,686.09	7,750.60	7,146.34	35.07	37.51	-136.25	-841.59	1,169.83	485.73	464.60	21.13	22.986				
6,900.00	6,732.75	7,736.12	7,146.23	35.24	37.28	-142.30	-841.50	1,155.35	439.31	417.72	21.58	20.353				
6,950.00	6,777.94	7,718.01	7,146.21	35.42	36.98	-145.97	-841.36	1,137.24	394.62	372.44	22.18	17.792				
7,000.00	6,821.36	7,695.01	7,146.38	35.61	36.62	-148.02	-841.14	1,114.24	352.07	329.03	23.04	15.279				
7,050.00	6,862.75	7,664.12	7,146.47	35.83	36.16	-148.55	-840.87	1,083.35	311.71	287.26	24.45	12.750				
7,100.00	6,901.85	7,630.66	7,146.21	36.06	35.66	-148.20	-840.66	1,049.90	273.67	247.39	26.28	10.412				
7,150.00	6,938.43	7,593.27	7,145.46	36.32	35.13	-146.80	-840.49	1,012.51	238.20	209.39	28.81	8.267				
7,200.00	6,972.26	7,551.07	7,143.48	36.61	34.56	-144.09	-840.12	970.37	205.05	172.68	32.37	6.335				
7,250.00	7,003.13	7,508.51	7,140.10	36.93	34.00	-140.30	-839.47	927.94	174.35	137.50	36.85	4.731				
7,300.00	7,030.85	7,467.45	7,135.69	37.29	33.52	-135.41	-838.84	887.12	146.86	104.51	42.34	3.468				
7,350.00	7,055.25	7,427.07	7,130.31	37.68	33.02	-129.01	-838.43	847.12	123.49	74.47	49.02	2.519				
7,400.00	7,076.17	7,378.42	7,121.81	38.12	32.53	-118.32	-838.06	799.23	104.84	47.01	57.83	1.813				
7,450.00	7,093.50	7,333.21	7,109.90	38.60	32.08	-104.86	-837.33	755.64	91.39	25.32	66.06	1.383	Level 3			
7,499.03	7,106.88	7,292.92	7,096.24	39.10	31.72	-90.24	-836.58	717.75	86.38	16.26	70.12	1.232	Level 2, CC			
7,500.00	7,107.11	7,292.14	7,095.96	39.11	31.72	-89.95	-836.57	717.03	86.38	16.24	70.14	1.231	Level 2, ES, SF			
7,550.00	7,116.94	7,253.04	7,080.34	39.66	31.39	-75.15	-836.30	681.19	91.63	23.18	68.44	1.339	Level 3			
7,600.00	7,122.91	7,215.25	7,063.16	40.24	31.09	-62.31	-836.49	647.53	105.13	41.10	64.03	1.642				
7,650.18	7,125.00	7,178.70	7,044.55	40.85	30.85	-52.19	-837.12	616.09	123.91	63.65	60.26	2.056				
7,700.00	7,125.12	7,144.39	7,025.34	41.48	30.62	-45.94	-838.13	587.68	146.45	88.64	57.81	2.533				
7,800.00	7,125.36	7,077.54	6,983.85	42.88	30.24	-36.38	-840.26	535.33	201.46	146.46	55.00	3.663				
7,900.00	7,125.60	7,019.02	6,944.03	44.42	29.94	-30.08	-841.01	492.48	264.83	210.40	54.43	4.865				
8,000.00	7,125.84	6,970.84	6,908.66	46.10	29.72	-25.96	-841.14	459.79	335.01	279.87	55.14	6.076				
8,100.00	7,126.08	6,941.00	6,885.60	47.89	29.59	-23.79	-841.07	440.85	410.76	353.92	56.85	7.226				
8,200.00	7,126.32	6,898.84	6,851.47	49.79	29.42	-21.19	-841.06	416.12	490.48	433.11	57.37	8.549				
8,300.00	7,126.56	6,871.76	6,828.59	51.79	29.31	-19.77	-841.25	401.64	573.88	515.52	58.36	9.833				
8,400.00	7,126.80	6,846.00	6,806.19	53.86	29.21	-18.57	-841.57	388.92	659.97	600.87	59.10	11.167				
8,500.00	7,127.04	6,818.89	6,782.20	56.00	29.11	-17.47	-842.05	376.31	747.86	688.25	59.61	12.546				
8,600.00	7,127.28	6,790.38	6,756.72	58.21	29.00	-16.47	-842.69	363.54	836.88	776.90	59.97	13.954				
8,689.38	7,127.49	6,766.73	6,735.40	60.24	28.91	-15.74	-843.34	353.33	917.25	856.98	60.27	15.219				

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,700.00	7,127.52	6,753.00	6,722.95	60.48	28.85	-15.77	-843.76	347.56	926.95	866.84	60.10	15.422		
8,800.00	7,127.76	6,753.00	6,722.95	62.79	28.85	-19.84	-843.76	347.56	1,017.54	956.74	60.80	16.736		
8,841.07	7,127.85	6,753.00	6,722.95	63.74	28.85	-21.58	-843.76	347.56	1,055.11	994.08	61.02	17.290		
8,900.00	7,128.00	6,753.00	6,722.95	65.12	28.85	-21.58	-843.76	347.56	1,109.39	1,048.09	61.31	18.096		
9,000.00	7,128.23	6,720.55	6,693.05	67.50	28.73	-20.26	-844.57	335.00	1,201.08	1,139.72	61.36	19.575		
9,100.00	7,128.47	6,710.24	6,683.38	69.91	28.69	-19.86	-844.73	331.41	1,294.21	1,232.59	61.62	21.002		
9,200.00	7,128.71	6,700.97	6,674.63	72.35	28.65	-19.50	-844.84	328.34	1,388.07	1,326.22	61.85	22.442		
9,300.00	7,128.95	6,692.60	6,666.69	74.83	28.62	-19.18	-844.91	325.71	1,482.54	1,420.49	62.05	23.894		
9,400.00	7,129.19	6,659.00	6,634.39	77.33	28.49	-17.96	-844.87	316.48	1,578.39	1,516.34	62.06	25.435		
9,500.00	7,129.43	6,659.00	6,634.39	79.86	28.49	-17.96	-844.87	316.48	1,673.45	1,611.18	62.26	26.876		
9,600.00	7,129.67	6,659.00	6,634.39	82.41	28.49	-17.96	-844.87	316.48	1,769.04	1,706.61	62.44	28.332		
9,700.00	7,129.91	6,659.00	6,634.39	84.97	28.49	-17.96	-844.87	316.48	1,865.10	1,802.52	62.59	29.800		
9,800.00	7,130.15	6,659.00	6,634.39	87.56	28.49	-17.96	-844.87	316.48	1,961.56	1,898.84	62.71	31.278		
9,900.00	7,130.39	6,659.00	6,634.39	90.16	28.49	-17.96	-844.87	316.48	2,058.35	1,995.53	62.82	32.764		
10,000.00	7,130.63	6,659.00	6,634.39	92.78	28.49	-17.96	-844.87	316.48	2,155.44	2,092.52	62.92	34.256		
10,100.00	7,130.87	6,659.00	6,634.39	95.41	28.49	-17.96	-844.87	316.48	2,252.78	2,189.77	63.01	35.755		
10,200.00	7,131.11	6,659.00	6,634.39	98.06	28.49	-17.96	-844.87	316.48	2,350.34	2,287.26	63.08	37.258		
10,300.00	7,131.35	6,659.00	6,634.39	100.71	28.49	-17.96	-844.87	316.48	2,448.10	2,384.95	63.15	38.764		
10,400.00	7,131.59	6,659.00	6,634.39	103.38	28.49	-17.96	-844.87	316.48	2,546.03	2,482.82	63.22	40.274		
10,500.00	7,131.83	6,623.06	6,599.34	106.06	28.35	-16.77	-844.54	308.56	2,643.03	2,579.80	63.23	41.802		
10,600.00	7,132.07	6,618.84	6,595.20	108.74	28.33	-16.64	-844.50	307.74	2,741.00	2,677.71	63.28	43.313		
10,700.00	7,132.31	6,614.85	6,591.27	111.44	28.31	-16.52	-844.46	306.99	2,839.08	2,775.74	63.34	44.824		
10,800.00	7,132.55	6,611.07	6,587.56	114.14	28.30	-16.40	-844.42	306.29	2,937.26	2,873.87	63.39	46.335		
10,900.00	7,132.79	6,607.48	6,584.03	116.85	28.28	-16.29	-844.38	305.65	3,035.54	2,972.10	63.44	47.847		
11,000.00	7,133.03	6,604.08	6,580.69	119.57	28.27	-16.19	-844.34	305.06	3,133.91	3,070.42	63.49	49.358		
11,100.00	7,133.27	6,600.85	6,577.50	122.29	28.26	-16.10	-844.30	304.50	3,232.37	3,168.82	63.54	50.869		
11,200.00	7,133.51	6,564.00	6,541.04	125.02	28.11	-15.08	-843.85	299.19	3,331.82	3,268.25	63.57	52.412		
11,300.00	7,133.74	6,564.00	6,541.04	127.76	28.11	-15.08	-843.85	299.19	3,430.26	3,366.64	63.62	53.915		
11,400.00	7,133.98	6,564.00	6,541.04	130.50	28.11	-15.08	-843.85	299.19	3,528.80	3,465.12	63.67	55.419		
11,500.00	7,134.22	6,564.00	6,541.04	133.24	28.11	-15.08	-843.85	299.19	3,627.41	3,563.68	63.73	56.923		
11,600.00	7,134.46	6,564.00	6,541.04	135.99	28.11	-15.08	-843.85	299.19	3,726.09	3,662.32	63.78	58.425		
11,700.00	7,134.70	6,564.00	6,541.04	138.75	28.11	-15.08	-843.85	299.19	3,824.85	3,761.02	63.82	59.928		
11,800.00	7,134.94	6,564.00	6,541.04	141.51	28.11	-15.08	-843.85	299.19	3,923.66	3,859.79	63.87	61.429		
11,900.00	7,135.18	6,564.00	6,541.04	144.27	28.11	-15.08	-843.85	299.19	4,022.54	3,958.62	63.92	62.929		
12,000.00	7,135.42	6,564.00	6,541.04	147.03	28.11	-15.08	-843.85	299.19	4,121.47	4,057.50	63.97	64.427		
12,100.00	7,135.66	6,564.00	6,541.04	149.80	28.11	-15.08	-843.85	299.19	4,220.45	4,156.43	64.02	65.924		
12,200.00	7,135.90	6,564.00	6,541.04	152.58	28.11	-15.08	-843.85	299.19	4,319.48	4,255.41	64.07	67.419		
12,300.00	7,136.14	6,564.00	6,541.04	155.35	28.11	-15.08	-843.85	299.19	4,418.55	4,354.43	64.12	68.913		
12,400.00	7,136.38	6,564.00	6,541.04	158.13	28.11	-15.08	-843.85	299.19	4,517.66	4,453.49	64.17	70.404		
12,500.00	7,136.62	6,564.00	6,541.04	160.91	28.11	-15.08	-843.85	299.19	4,616.81	4,552.59	64.22	71.893		
12,600.00	7,136.86	6,564.00	6,541.04	163.70	28.11	-15.08	-843.85	299.19	4,716.00	4,651.73	64.27	73.380		
12,700.00	7,137.10	6,564.00	6,541.04	166.48	28.11	-15.08	-843.85	299.19	4,815.22	4,750.90	64.32	74.865		
12,800.00	7,137.34	6,564.00	6,541.04	169.27	28.11	-15.08	-843.85	299.19	4,914.47	4,850.10	64.37	76.347		
12,900.00	7,137.58	6,564.00	6,541.04	172.06	28.11	-15.08	-843.85	299.19	5,013.75	4,949.33	64.42	77.827		
13,000.00	7,137.82	6,564.00	6,541.04	174.86	28.11	-15.08	-843.85	299.19	5,113.06	5,048.59	64.47	79.304		
13,100.00	7,138.06	6,564.00	6,541.04	177.65	28.11	-15.08	-843.85	299.19	5,212.40	5,147.87	64.53	80.778		
13,200.00	7,138.30	6,564.00	6,541.04	180.45	28.11	-15.08	-843.85	299.19	5,311.76	5,247.17	64.58	82.249		
13,300.00	7,138.54	6,564.00	6,541.04	183.25	28.11	-15.08	-843.85	299.19	5,411.14	5,346.50	64.64	83.717		
13,400.00	7,138.78	6,564.00	6,541.04	186.05	28.11	-15.08	-843.85	299.19	5,510.55	5,445.86	64.69	85.182		
13,500.00	7,139.02	6,564.00	6,541.04	188.85	28.11	-15.08	-843.85	299.19	5,609.97	5,545.23	64.75	86.644		
13,600.00	7,139.25	6,564.00	6,541.04	191.65	28.11	-15.08	-843.85	299.19	5,709.42	5,644.62	64.80	88.102		
13,700.00	7,139.49	6,564.00	6,541.04	194.46	28.11	-15.08	-843.85	299.19	5,808.89	5,744.03	64.86	89.558		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,800.00	7,139.73	6,564.00	6,541.04	197.27	28.11	-15.08	-843.85	299.19	5,908.37	5,843.45	64.92	91.010		
13,900.00	7,139.97	6,564.00	6,541.04	200.08	28.11	-15.08	-843.85	299.19	6,007.88	5,942.90	64.98	92.458		
14,000.00	7,140.21	6,564.00	6,541.04	202.89	28.11	-15.08	-843.85	299.19	6,107.39	6,042.35	65.04	93.903		
14,100.00	7,140.45	6,564.00	6,541.04	205.70	28.11	-15.08	-843.85	299.19	6,206.93	6,141.83	65.10	95.345		
14,200.00	7,140.69	6,564.00	6,541.04	208.51	28.11	-15.08	-843.85	299.19	6,306.47	6,241.31	65.16	96.782		
14,300.00	7,140.93	6,564.00	6,541.04	211.32	28.11	-15.08	-843.85	299.19	6,406.04	6,340.81	65.22	98.216		
14,400.00	7,141.17	6,564.00	6,541.04	214.14	28.11	-15.08	-843.85	299.19	6,505.61	6,440.33	65.29	99.646		
14,500.00	7,141.41	6,564.00	6,541.04	216.95	28.11	-15.08	-843.85	299.19	6,605.20	6,539.85	65.35	101.073		
14,600.00	7,141.65	6,564.00	6,541.04	219.77	28.11	-15.08	-843.85	299.19	6,704.80	6,639.39	65.42	102.495		
14,700.00	7,141.89	6,564.00	6,541.04	222.59	28.11	-15.08	-843.85	299.19	6,804.41	6,738.93	65.48	103.914		
14,800.00	7,142.13	6,564.00	6,541.04	225.41	28.11	-15.08	-843.85	299.19	6,904.04	6,838.49	65.55	105.328		
14,900.00	7,142.37	6,564.00	6,541.04	228.23	28.11	-15.08	-843.85	299.19	7,003.67	6,938.06	65.61	106.739		
15,000.00	7,142.61	6,564.00	6,541.04	231.05	28.11	-15.08	-843.85	299.19	7,103.32	7,037.63	65.68	108.145		
15,100.00	7,142.85	6,564.00	6,541.04	233.87	28.11	-15.08	-843.85	299.19	7,202.97	7,137.22	65.75	109.548		
15,200.00	7,143.09	6,564.00	6,541.04	236.69	28.11	-15.08	-843.85	299.19	7,302.64	7,236.81	65.82	110.946		
15,300.00	7,143.33	6,564.00	6,541.04	239.52	28.11	-15.08	-843.85	299.19	7,402.31	7,336.42	65.89	112.340		
15,400.00	7,143.57	6,564.00	6,541.04	242.34	28.11	-15.08	-843.85	299.19	7,501.99	7,436.03	65.96	113.729		
15,500.00	7,143.81	6,564.00	6,541.04	245.17	28.11	-15.08	-843.85	299.19	7,601.68	7,535.64	66.04	115.114		
15,600.00	7,144.05	6,564.00	6,541.04	247.99	28.11	-15.08	-843.85	299.19	7,701.38	7,635.27	66.11	116.495		
15,700.00	7,144.29	6,564.00	6,541.04	250.82	28.11	-15.08	-843.85	299.19	7,801.08	7,734.90	66.18	117.872		
15,800.00	7,144.53	6,564.00	6,541.04	253.64	28.11	-15.08	-843.85	299.19	7,900.80	7,834.54	66.26	119.244		
15,900.00	7,144.76	6,564.00	6,541.04	256.47	28.11	-15.08	-843.85	299.19	8,000.52	7,934.19	66.33	120.612		
16,000.00	7,145.00	6,564.00	6,541.04	259.30	28.11	-15.08	-843.85	299.19	8,100.25	8,033.84	66.41	121.975		
16,100.00	7,145.24	6,564.00	6,541.04	262.13	28.11	-15.08	-843.85	299.19	8,199.98	8,133.49	66.49	123.334		
16,200.00	7,145.48	6,564.00	6,541.04	264.96	28.11	-15.08	-843.85	299.19	8,299.72	8,233.16	66.56	124.688		
16,300.00	7,145.72	6,564.00	6,541.04	267.79	28.11	-15.08	-843.85	299.19	8,399.47	8,332.82	66.64	126.038		
16,400.00	7,145.96	6,564.00	6,541.04	270.62	28.11	-15.08	-843.85	299.19	8,499.22	8,432.50	66.72	127.382		
16,500.00	7,146.20	6,564.00	6,541.04	273.45	28.11	-15.08	-843.85	299.19	8,598.98	8,532.18	66.80	128.723		
16,600.00	7,146.44	6,564.00	6,541.04	276.28	28.11	-15.08	-843.85	299.19	8,698.74	8,631.86	66.88	130.059		
16,700.00	7,146.68	6,564.00	6,541.04	279.12	28.11	-15.08	-843.85	299.19	8,798.51	8,731.55	66.97	131.390		
16,800.00	7,146.92	6,564.00	6,541.04	281.95	28.11	-15.08	-843.85	299.19	8,898.29	8,831.24	67.05	132.716		
16,900.00	7,147.16	6,564.00	6,541.04	284.78	28.11	-15.08	-843.85	299.19	8,998.06	8,930.93	67.13	134.037		
17,000.00	7,147.40	6,564.00	6,541.04	287.62	28.11	-15.08	-843.85	299.19	9,097.85	9,030.63	67.22	135.354		
17,100.00	7,147.64	6,564.00	6,541.04	290.45	28.11	-15.08	-843.85	299.19	9,197.64	9,130.34	67.30	136.666		
17,200.00	7,147.88	6,564.00	6,541.04	293.28	28.11	-15.08	-843.85	299.19	9,297.43	9,230.05	67.39	137.973		
17,300.00	7,148.12	6,564.00	6,541.04	296.12	28.11	-15.08	-843.85	299.19	9,397.23	9,329.76	67.47	139.276		
17,400.00	7,148.36	6,564.00	6,541.04	298.95	28.11	-15.08	-843.85	299.19	9,497.03	9,429.47	67.56	140.573		
17,500.00	7,148.60	6,564.00	6,541.04	301.79	28.11	-15.08	-843.85	299.19	9,596.84	9,529.19	67.65	141.866		
17,600.00	7,148.84	6,564.00	6,541.04	304.63	28.11	-15.08	-843.85	299.19	9,696.65	9,628.91	67.74	143.154		
17,700.00	7,149.08	6,564.00	6,541.04	307.46	28.11	-15.08	-843.85	299.19	9,796.46	9,728.64	67.83	144.437		
17,800.00	7,149.32	6,564.00	6,541.04	310.30	28.11	-15.08	-843.85	299.19	9,896.28	9,828.36	67.92	145.715		
17,900.00	7,149.56	6,564.00	6,541.04	313.14	28.11	-15.08	-843.85	299.19	9,996.10	9,928.09	68.01	146.988		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	140.19	-607.66	506.43	791.10					
100.00	100.00	90.23	90.23	3.28	3.29	140.17	-607.42	506.61	790.96	784.39	6.57	120.376		
200.00	200.00	191.61	191.60	3.34	3.31	140.09	-606.56	507.25	790.71	784.07	6.64	119.013		
300.00	299.98	292.95	292.92	3.44	3.34	20.02	-605.09	508.36	788.66	781.88	6.78	116.250		
400.00	399.84	408.53	408.47	3.60	3.44	20.04	-602.56	509.36	782.68	775.64	7.04	111.122		
500.00	499.45	537.40	537.20	3.80	3.65	20.32	-597.30	506.78	770.11	762.63	7.48	102.940		
600.00	598.70	658.43	657.79	4.04	3.92	20.63	-588.02	502.70	750.66	742.65	8.01	93.678		
700.00	697.47	761.87	760.69	4.33	4.19	21.03	-578.18	498.54	726.29	717.73	8.56	84.876		
800.00	795.62	872.25	870.35	4.65	4.51	21.59	-566.61	493.71	697.90	688.70	9.19	75.929		
865.50	859.53	947.82	945.15	4.89	4.75	21.98	-556.48	490.17	676.05	666.39	9.65	70.042		
900.00	893.10	986.09	982.94	5.02	4.88	22.09	-550.77	488.26	663.75	653.86	9.89	67.093		
1,000.00	990.42	1,096.41	1,091.50	5.41	5.27	22.31	-531.96	482.52	626.43	615.84	10.60	59.118		
1,100.00	1,087.73	1,188.30	1,181.63	5.83	5.61	22.42	-514.77	477.79	587.93	576.67	11.25	52.240		
1,200.00	1,185.05	1,276.83	1,268.56	6.27	5.95	22.57	-498.66	473.12	549.73	537.80	11.93	46.074		
1,300.00	1,282.36	1,377.41	1,367.25	6.72	6.35	22.78	-480.09	467.53	511.18	498.51	12.67	40.350		
1,400.00	1,379.67	1,478.70	1,466.18	7.18	6.77	22.84	-459.08	461.93	470.96	457.54	13.42	35.099		
1,500.00	1,476.99	1,581.78	1,566.19	7.65	7.22	22.68	-434.89	455.90	428.55	414.38	14.17	30.245		
1,600.00	1,574.30	1,669.18	1,650.78	8.13	7.61	22.42	-413.48	450.80	385.39	370.47	14.92	25.826		
1,700.00	1,671.61	1,752.53	1,731.62	8.62	7.98	22.06	-393.60	446.81	343.31	327.61	15.70	21.863		
1,800.00	1,768.93	1,837.86	1,814.68	9.11	8.37	21.52	-374.25	443.97	302.96	286.45	16.51	18.352		
1,900.00	1,866.24	1,928.20	1,902.85	9.60	8.77	20.82	-354.72	441.64	263.85	246.53	17.32	15.238		
2,000.00	1,963.56	2,018.63	1,991.29	10.10	9.18	20.09	-336.03	439.01	225.26	207.13	18.14	12.421		
2,100.00	2,060.87	2,113.06	2,083.70	10.61	9.61	19.21	-316.91	435.84	186.75	167.82	18.93	9.865		
2,200.00	2,158.18	2,205.55	2,174.02	11.11	10.03	17.76	-297.28	432.31	147.33	127.58	19.74	7.462		
2,300.00	2,255.50	2,298.15	2,264.21	11.62	10.46	14.50	-276.53	429.47	107.75	87.19	20.56	5.241		
2,400.00	2,352.81	2,388.60	2,352.19	12.13	10.89	6.99	-255.64	427.23	68.82	47.33	21.49	3.203		
2,500.00	2,450.13	2,480.83	2,442.33	12.65	11.32	-13.99	-236.25	424.65	33.70	11.00	22.70	1.484 Level 3		
2,567.46	2,515.78	2,542.80	2,502.78	12.99	11.61	-64.58	-222.82	422.38	20.17	-4.33	24.50	0.823 Level 1, CC, ES, SF		
2,600.00	2,547.44	2,572.46	2,531.66	13.16	11.75	-95.30	-216.17	421.26	24.14	-0.32	24.46	0.987 Level 1		
2,700.00	2,644.75	2,664.03	2,620.74	13.68	12.19	-132.07	-195.26	417.68	57.82	33.53	24.29	2.380		
2,800.00	2,742.07	2,755.48	2,709.88	14.20	12.62	-141.31	-175.13	414.13	96.48	71.53	24.95	3.868		
2,900.00	2,839.38	2,847.59	2,799.49	14.71	13.06	-144.51	-153.96	412.00	136.23	110.46	25.77	5.286		
3,000.00	2,936.70	2,935.60	2,885.17	15.23	13.49	-146.41	-134.01	409.44	176.19	149.72	26.47	6.656		
3,100.00	3,034.01	3,024.63	2,971.26	15.76	13.93	-147.69	-111.71	405.41	218.91	191.66	27.25	8.034		
3,200.00	3,131.32	3,122.33	3,066.24	16.28	14.40	-148.98	-89.34	400.58	260.16	231.88	28.29	9.198		
3,300.00	3,228.64	3,213.72	3,155.54	16.80	14.84	-149.96	-70.27	396.53	299.59	270.47	29.13	10.286		
3,400.00	3,325.95	3,308.95	3,248.35	17.32	15.30	-150.61	-49.36	392.53	339.88	309.81	30.06	11.306		
3,500.00	3,423.26	3,409.75	3,347.26	17.85	15.77	-151.46	-30.50	388.09	377.66	346.57	31.09	12.148		
3,600.00	3,520.58	3,504.80	3,440.78	18.37	16.22	-152.17	-13.93	384.28	414.31	382.32	31.98	12.954		
3,700.00	3,617.89	3,590.29	3,524.75	18.90	16.62	-152.54	1.88	381.60	451.39	418.68	32.72	13.797		
3,800.00	3,715.21	3,676.99	3,609.53	19.43	17.04	-152.76	19.78	378.67	490.27	456.79	33.48	14.643		
3,900.00	3,812.52	3,765.63	3,696.09	19.95	17.46	-152.92	38.62	375.59	529.70	495.41	34.29	15.448		
4,000.00	3,909.83	3,848.16	3,776.36	20.48	17.87	-152.87	57.71	373.62	570.04	535.04	35.00	16.288		
4,100.00	4,007.15	3,924.93	3,850.54	21.01	18.25	-152.72	77.37	371.69	612.37	576.77	35.61	17.199		
4,200.00	4,104.46	4,000.90	3,923.51	21.53	18.64	-152.58	98.31	368.97	656.76	620.55	36.20	18.140		
4,300.00	4,201.78	4,086.81	4,005.70	22.06	19.08	-152.39	123.10	365.69	702.28	665.26	37.01	18.974		
4,400.00	4,299.09	4,193.32	4,107.75	22.59	19.63	-152.13	153.46	362.65	747.06	708.85	38.21	19.553		
4,500.00	4,396.40	4,317.31	4,227.83	23.12	20.25	-152.08	184.08	359.11	788.91	749.28	39.63	19.906		
4,600.00	4,493.72	4,421.69	4,330.08	23.65	20.75	-152.33	204.61	355.10	827.17	786.49	40.68	20.331		
4,700.00	4,591.03	4,507.52	4,414.11	24.18	21.17	-152.53	221.75	351.53	865.93	824.46	41.47	20.882		
4,800.00	4,688.34	4,597.31	4,501.91	24.71	21.60	-152.69	240.17	347.85	905.09	862.78	42.31	21.392		
4,900.00	4,785.66	4,691.91	4,594.33	25.24	22.06	-152.79	260.08	344.61	944.33	901.10	43.22	21.847		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 342-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,882.97	4,786.10	4,686.49	25.77	22.52	-152.91	279.30	341.36	983.07	938.94	44.13	22.277		
5,100.00	4,980.29	4,878.11	4,776.58	26.30	22.96	-153.11	297.42	336.89	1,022.01	977.01	45.00	22.711		
5,200.00	5,077.60	4,970.20	4,866.95	26.83	23.40	-153.42	314.07	330.73	1,060.67	1,014.80	45.87	23.124		
5,300.00	5,174.91	5,049.38	4,944.52	27.36	23.78	-153.64	329.02	325.52	1,099.94	1,053.38	46.57	23.621		
5,400.00	5,272.23	5,120.00	5,013.40	27.89	24.13	-153.76	344.05	321.29	1,140.73	1,093.58	47.15	24.195		
5,500.00	5,369.54	5,204.31	5,095.23	28.42	24.55	-153.79	363.89	317.27	1,182.61	1,134.68	47.93	24.673		
5,600.00	5,466.86	5,397.90	5,285.05	28.95	25.47	-153.86	401.28	313.50	1,218.53	1,168.45	50.09	24.329		
5,700.00	5,564.17	5,519.54	5,405.31	29.48	26.02	-153.98	419.51	312.64	1,251.56	1,200.31	51.25	24.422		
5,800.00	5,661.48	5,610.42	5,495.13	30.01	26.43	-154.02	433.31	313.30	1,284.02	1,231.92	52.10	24.647		
5,900.00	5,758.80	5,746.21	5,629.65	30.54	27.04	-154.18	451.74	312.88	1,316.10	1,262.75	53.35	24.667		
6,000.00	5,856.11	5,893.64	5,776.51	31.07	27.67	-154.47	464.52	313.95	1,343.27	1,288.65	54.62	24.592		
6,100.00	5,953.43	6,008.06	5,890.75	31.61	28.13	-154.79	471.03	314.25	1,368.57	1,312.97	55.60	24.613		
6,200.00	6,050.74	6,116.43	5,999.04	32.14	28.57	-155.15	475.07	313.85	1,392.69	1,336.16	56.53	24.635		
6,300.00	6,148.05	6,228.68	6,111.25	32.67	29.01	-155.59	477.59	312.53	1,416.19	1,358.71	57.48	24.639		
6,400.00	6,245.37	7,765.65	7,050.33	33.20	38.37	-126.53	492.05	1,175.82	1,424.47	1,367.85	56.62	25.158		
6,500.00	6,342.68	7,782.18	7,050.48	33.73	38.63	-125.80	491.90	1,192.34	1,380.81	1,321.08	59.72	23.120		
6,520.81	6,362.93	7,786.33	7,050.52	33.85	38.70	-125.61	491.87	1,196.50	1,372.43	1,312.05	60.38	22.729		
6,550.00	6,391.46	7,791.52	7,050.57	34.00	38.79	-130.61	491.83	1,201.68	1,361.03	1,299.74	61.29	22.207		
6,600.00	6,440.79	7,797.45	7,050.63	34.23	38.88	-147.46	491.78	1,207.61	1,342.42	1,279.65	62.77	21.385		
6,650.00	6,490.44	7,799.66	7,050.65	34.43	38.92	179.11	491.77	1,209.82	1,325.16	1,261.01	64.15	20.656		
6,700.00	6,540.10	7,798.18	7,050.63	34.60	38.90	144.39	491.78	1,208.34	1,309.43	1,244.01	65.42	20.016		
6,750.00	6,589.46	7,793.05	7,050.59	34.76	38.81	125.61	491.82	1,203.22	1,295.37	1,228.81	66.56	19.461		
6,800.00	6,638.22	7,784.35	7,050.50	34.92	38.67	116.30	491.88	1,194.52	1,283.07	1,215.50	67.58	18.987		
6,850.00	6,686.09	7,772.89	7,050.39	35.07	38.48	111.05	491.98	1,183.06	1,272.60	1,204.12	68.48	18.585		
6,900.00	6,732.75	7,758.99	7,050.29	35.24	38.27	107.65	492.12	1,169.15	1,263.95	1,194.69	69.27	18.248		
6,950.00	6,777.94	7,741.78	7,050.24	35.42	38.01	105.12	492.31	1,151.95	1,257.12	1,187.19	69.92	17.979		
7,000.00	6,821.36	7,721.29	7,050.30	35.61	37.70	103.03	492.58	1,131.46	1,252.00	1,181.55	70.44	17.774		
7,050.00	6,862.75	7,697.57	7,050.51	35.83	37.34	101.15	492.95	1,107.75	1,248.47	1,177.64	70.83	17.625		
7,100.00	6,901.85	7,650.54	7,050.95	36.06	36.66	98.69	493.56	1,060.72	1,246.22	1,175.43	70.79	17.605		
7,150.00	6,938.43	7,609.55	7,051.02	36.32	36.13	96.68	493.67	1,019.73	1,244.66	1,173.82	70.84	17.570		
7,200.00	6,972.26	7,568.31	7,051.13	36.61	35.59	94.86	493.53	978.49	1,243.73	1,172.90	70.83	17.558		
7,250.00	7,003.13	7,498.40	7,049.53	36.93	34.80	92.40	492.47	908.63	1,242.91	1,172.46	70.45	17.642		
7,300.00	7,030.85	7,448.27	7,045.08	37.29	34.28	90.65	490.90	858.73	1,241.76	1,171.38	70.38	17.643		
7,350.00	7,055.25	7,414.07	7,040.30	37.68	33.96	89.45	489.88	824.89	1,240.96	1,170.38	70.58	17.583		
7,400.00	7,076.17	7,387.03	7,035.46	38.12	33.69	88.51	489.14	798.29	1,240.53	1,169.67	70.86	17.507		
7,450.00	7,093.50	7,325.73	7,020.96	38.60	33.24	86.76	487.56	738.78	1,240.19	1,169.41	70.78	17.521		
7,500.00	7,107.11	7,266.55	7,001.57	39.11	32.86	85.13	484.92	682.96	1,239.23	1,168.49	70.74	17.517		
7,550.00	7,116.94	7,202.25	6,973.90	39.66	32.56	83.39	480.47	625.13	1,237.47	1,166.78	70.69	17.506		
7,600.00	7,122.91	7,183.00	6,964.25	40.24	32.48	82.95	478.79	608.55	1,235.34	1,164.09	71.24	17.339		
7,650.18	7,125.00	7,183.00	6,964.25	40.85	32.48	83.03	478.79	608.55	1,234.23	1,162.13	72.10	17.119		
7,690.02	7,125.09	7,151.17	6,946.93	41.35	32.36	82.21	476.65	581.95	1,233.13	1,160.73	72.39	17.033		
7,700.00	7,125.12	7,148.63	6,945.48	41.48	32.35	82.14	476.54	579.87	1,233.16	1,160.62	72.54	17.001		
7,800.00	7,125.36	7,124.09	6,930.86	42.88	32.26	81.46	476.04	560.17	1,237.04	1,163.01	74.03	16.711		
7,900.00	7,125.60	7,091.00	6,909.68	44.42	32.15	80.48	476.81	534.77	1,247.59	1,172.16	75.43	16.540		
8,000.00	7,125.84	7,068.84	6,894.68	46.10	32.07	79.80	477.95	518.49	1,264.20	1,187.23	76.97	16.425		
8,100.00	7,126.08	7,030.44	6,867.50	47.89	31.94	78.58	480.14	491.47	1,286.37	1,208.10	78.26	16.437		
8,200.00	7,126.32	6,997.00	6,842.64	49.79	31.83	77.47	482.30	469.21	1,313.90	1,234.37	79.52	16.523		
8,300.00	7,126.56	6,968.47	6,820.45	51.79	31.74	76.49	484.28	451.40	1,346.81	1,266.08	80.73	16.683		
8,400.00	7,126.80	6,944.37	6,800.92	53.86	31.66	75.64	486.00	437.38	1,385.04	1,303.20	81.85	16.922		
8,500.00	7,127.04	6,905.00	6,767.61	56.00	31.53	74.21	488.91	416.61	1,428.69	1,346.02	82.68	17.281		
8,600.00	7,127.28	6,905.00	6,767.61	58.21	31.53	74.21	488.91	416.61	1,476.52	1,392.78	83.73	17.634		
8,689.38	7,127.49	6,881.26	6,746.82	60.24	31.45	73.33	490.57	405.27	1,523.21	1,438.86	84.35	18.058		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,700.00	7,127.52	6,878.66	6,744.53	60.48	31.44	73.20	490.74	404.07	1,528.98	1,444.56	84.42	18.112		
8,800.00	7,127.76	6,856.07	6,724.33	62.79	31.37	71.92	492.06	394.05	1,586.92	1,501.92	85.00	18.669		
8,841.07	7,127.85	6,847.66	6,716.72	63.74	31.34	71.39	492.49	390.49	1,612.50	1,527.29	85.21	18.924		
8,900.00	7,128.00	6,836.36	6,706.42	65.12	31.30	70.95	493.02	385.85	1,650.45	1,564.96	85.48	19.307		
9,000.00	7,128.23	6,810.00	6,682.11	67.50	31.21	69.92	494.04	375.72	1,717.27	1,631.46	85.81	20.011		
9,100.00	7,128.47	6,718.00	6,596.01	69.91	30.89	66.30	492.14	343.52	1,786.23	1,700.81	85.42	20.910		
9,200.00	7,128.71	6,718.00	6,596.01	72.35	30.89	66.30	492.14	343.52	1,856.82	1,770.95	85.87	21.623		
9,300.00	7,128.95	6,718.00	6,596.01	74.83	30.89	66.30	492.14	343.52	1,930.01	1,843.77	86.24	22.381		
9,400.00	7,129.19	6,684.90	6,564.63	77.33	30.76	64.99	489.56	333.29	2,004.65	1,918.43	86.22	23.251		
9,500.00	7,129.43	6,676.34	6,556.45	79.86	30.73	64.65	488.85	330.90	2,081.70	1,995.31	86.39	24.096		
9,600.00	7,129.67	6,668.52	6,548.94	82.41	30.70	64.34	488.19	328.82	2,160.53	2,074.01	86.53	24.969		
9,700.00	7,129.91	6,661.33	6,542.01	84.97	30.68	64.05	487.57	326.98	2,240.97	2,154.34	86.63	25.868		
9,800.00	7,130.15	6,625.00	6,506.76	87.56	30.54	62.62	484.25	318.86	2,323.56	2,237.12	86.44	26.881		
9,900.00	7,130.39	6,625.00	6,506.76	90.16	30.54	62.62	484.25	318.86	2,406.49	2,319.93	86.56	27.802		
10,000.00	7,130.63	6,625.00	6,506.76	92.78	30.54	62.62	484.25	318.86	2,490.67	2,404.02	86.65	28.744		
10,100.00	7,130.87	6,625.00	6,506.76	95.41	30.54	62.62	484.25	318.86	2,575.98	2,489.26	86.72	29.706		
10,200.00	7,131.11	6,625.00	6,506.76	98.06	30.54	62.62	484.25	318.86	2,662.32	2,575.55	86.76	30.684		
10,300.00	7,131.35	6,625.00	6,506.76	100.71	30.54	62.62	484.25	318.86	2,749.58	2,662.78	86.80	31.679		
10,400.00	7,131.59	6,625.00	6,506.76	103.38	30.54	62.62	484.25	318.86	2,837.68	2,750.86	86.81	32.687		
10,500.00	7,131.83	6,625.00	6,506.76	106.06	30.54	62.62	484.25	318.86	2,926.54	2,839.72	86.82	33.708		
10,600.00	7,132.07	6,625.00	6,506.76	108.74	30.54	62.62	484.25	318.86	3,016.11	2,929.29	86.82	34.740		
10,700.00	7,132.31	6,625.00	6,506.76	111.44	30.54	62.62	484.25	318.86	3,106.31	3,019.50	86.81	35.782		
10,800.00	7,132.55	6,625.00	6,506.76	114.14	30.54	62.62	484.25	318.86	3,197.09	3,110.30	86.80	36.835		
10,900.00	7,132.79	6,625.00	6,506.76	116.85	30.54	62.62	484.25	318.86	3,288.41	3,201.63	86.78	37.895		
11,000.00	7,133.03	6,625.00	6,506.76	119.57	30.54	62.62	484.25	318.86	3,380.22	3,293.47	86.75	38.963		
11,100.00	7,133.27	6,625.00	6,506.76	122.29	30.54	62.62	484.25	318.86	3,472.48	3,385.75	86.73	40.039		
11,200.00	7,133.51	6,625.00	6,506.76	125.02	30.54	62.62	484.25	318.86	3,565.16	3,478.46	86.70	41.121		
11,300.00	7,133.74	6,625.00	6,506.76	127.76	30.54	62.62	484.25	318.86	3,658.23	3,571.56	86.67	42.208		
11,400.00	7,133.98	6,625.00	6,506.76	130.50	30.54	62.62	484.25	318.86	3,751.65	3,665.01	86.64	43.301		
11,500.00	7,134.22	6,625.00	6,506.76	133.24	30.54	62.62	484.25	318.86	3,845.40	3,758.79	86.61	44.399		
11,600.00	7,134.46	6,625.00	6,506.76	135.99	30.54	62.62	484.25	318.86	3,939.46	3,852.88	86.58	45.501		
11,700.00	7,134.70	6,625.00	6,506.76	138.75	30.54	62.62	484.25	318.86	4,033.81	3,947.26	86.55	46.607		
11,800.00	7,134.94	6,625.00	6,506.76	141.51	30.54	62.62	484.25	318.86	4,128.42	4,041.90	86.52	47.717		
11,900.00	7,135.18	6,625.00	6,506.76	144.27	30.54	62.62	484.25	318.86	4,223.28	4,136.79	86.49	48.830		
12,000.00	7,135.42	6,625.00	6,506.76	147.03	30.54	62.62	484.25	318.86	4,318.37	4,231.91	86.46	49.946		
12,100.00	7,135.66	6,625.00	6,506.76	149.80	30.54	62.62	484.25	318.86	4,413.68	4,327.25	86.43	51.065		
12,200.00	7,135.90	6,625.00	6,506.76	152.58	30.54	62.62	484.25	318.86	4,509.19	4,422.79	86.41	52.186		
12,300.00	7,136.14	6,625.00	6,506.76	155.35	30.54	62.62	484.25	318.86	4,604.90	4,518.52	86.38	53.309		
12,400.00	7,136.38	6,625.00	6,506.76	158.13	30.54	62.62	484.25	318.86	4,700.78	4,614.42	86.36	54.434		
12,500.00	7,136.62	6,625.00	6,506.76	160.91	30.54	62.62	484.25	318.86	4,796.83	4,710.49	86.34	55.560		
12,600.00	7,136.86	6,625.00	6,506.76	163.70	30.54	62.62	484.25	318.86	4,893.04	4,806.72	86.31	56.689		
12,700.00	7,137.10	6,625.00	6,506.76	166.48	30.54	62.62	484.25	318.86	4,989.39	4,903.10	86.29	57.818		
12,800.00	7,137.34	6,625.00	6,506.76	169.27	30.54	62.62	484.25	318.86	5,085.89	4,999.62	86.28	58.949		
12,900.00	7,137.58	6,625.00	6,506.76	172.06	30.54	62.62	484.25	318.86	5,182.52	5,096.26	86.26	60.081		
13,000.00	7,137.82	6,625.00	6,506.76	174.86	30.54	62.62	484.25	318.86	5,279.28	5,193.04	86.24	61.213		
13,100.00	7,138.06	6,625.00	6,506.76	177.65	30.54	62.62	484.25	318.86	5,376.15	5,289.92	86.23	62.346		
13,200.00	7,138.30	6,625.00	6,506.76	180.45	30.54	62.62	484.25	318.86	5,473.14	5,386.92	86.22	63.480		
13,300.00	7,138.54	6,582.49	6,464.90	183.25	30.37	60.96	480.97	312.38	5,568.06	5,481.99	86.06	64.696		
13,400.00	7,138.78	6,581.71	6,464.12	186.05	30.37	60.93	480.93	312.30	5,665.18	5,579.12	86.06	65.832		
13,500.00	7,139.02	6,580.95	6,463.37	188.85	30.36	60.90	480.89	312.21	5,762.39	5,676.35	86.05	66.968		
13,600.00	7,139.25	6,580.21	6,462.63	191.65	30.36	60.87	480.84	312.14	5,859.70	5,773.66	86.04	68.104		
13,700.00	7,139.49	6,579.50	6,461.92	194.46	30.36	60.84	480.80	312.06	5,957.10	5,871.06	86.03	69.240		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,800.00	7,139.73	6,578.80	6,461.24	197.27	30.36	60.82	480.76	311.99	6,054.58	5,968.54	86.03	70.376		
13,900.00	7,139.97	6,578.13	6,460.56	200.08	30.35	60.79	480.73	311.93	6,152.13	6,066.11	86.03	71.512		
14,000.00	7,140.21	6,577.47	6,459.91	202.89	30.35	60.77	480.69	311.86	6,249.77	6,163.74	86.03	72.648		
14,100.00	7,140.45	6,576.83	6,459.28	205.70	30.35	60.74	480.66	311.80	6,347.48	6,261.45	86.03	73.783		
14,200.00	7,140.69	6,576.21	6,458.66	208.51	30.35	60.72	480.62	311.74	6,445.26	6,359.22	86.03	74.917		
14,300.00	7,140.93	6,575.61	6,458.06	211.32	30.34	60.70	480.59	311.68	6,543.10	6,457.06	86.04	76.051		
14,400.00	7,141.17	6,575.02	6,457.48	214.14	30.34	60.67	480.56	311.63	6,641.01	6,554.97	86.04	77.184		
14,500.00	7,141.41	6,532.00	6,414.55	216.95	30.17	59.07	479.11	309.55	6,741.10	6,655.16	85.94	78.437		
14,600.00	7,141.65	6,532.00	6,414.55	219.77	30.17	59.07	479.11	309.55	6,839.07	6,753.12	85.95	79.567		
14,700.00	7,141.89	6,532.00	6,414.55	222.59	30.17	59.07	479.11	309.55	6,937.10	6,851.13	85.97	80.696		
14,800.00	7,142.13	6,532.00	6,414.55	225.41	30.17	59.07	479.11	309.55	7,035.18	6,949.20	85.98	81.825		
14,900.00	7,142.37	6,532.00	6,414.55	228.23	30.17	59.07	479.11	309.55	7,133.31	7,047.32	85.99	82.952		
15,000.00	7,142.61	6,532.00	6,414.55	231.05	30.17	59.07	479.11	309.55	7,231.50	7,145.49	86.01	84.078		
15,100.00	7,142.85	6,532.00	6,414.55	233.87	30.17	59.07	479.11	309.55	7,329.73	7,243.71	86.03	85.204		
15,200.00	7,143.09	6,532.00	6,414.55	236.69	30.17	59.07	479.11	309.55	7,428.02	7,341.97	86.04	86.328		
15,300.00	7,143.33	6,532.00	6,414.55	239.52	30.17	59.07	479.11	309.55	7,526.34	7,440.28	86.06	87.451		
15,400.00	7,143.57	6,532.00	6,414.55	242.34	30.17	59.07	479.11	309.55	7,624.71	7,538.63	86.08	88.573		
15,500.00	7,143.81	6,532.00	6,414.55	245.17	30.17	59.07	479.11	309.55	7,723.13	7,637.02	86.11	89.693		
15,600.00	7,144.05	6,532.00	6,414.55	247.99	30.17	59.07	479.11	309.55	7,821.58	7,735.45	86.13	90.812		
15,700.00	7,144.29	6,532.00	6,414.55	250.82	30.17	59.07	479.11	309.55	7,920.07	7,833.92	86.15	91.930		
15,800.00	7,144.53	6,532.00	6,414.55	253.64	30.17	59.07	479.11	309.55	8,018.60	7,932.42	86.18	93.047		
15,900.00	7,144.76	6,532.00	6,414.55	256.47	30.17	59.07	479.11	309.55	8,117.16	8,030.96	86.20	94.162		
16,000.00	7,145.00	6,532.00	6,414.55	259.30	30.17	59.07	479.11	309.55	8,215.76	8,129.53	86.23	95.275		
16,100.00	7,145.24	6,532.00	6,414.55	262.13	30.17	59.07	479.11	309.55	8,314.40	8,228.13	86.26	96.387		
16,200.00	7,145.48	6,532.00	6,414.55	264.96	30.17	59.07	479.11	309.55	8,413.06	8,326.77	86.29	97.497		
16,300.00	7,145.72	6,532.00	6,414.55	267.79	30.17	59.07	479.11	309.55	8,511.76	8,425.44	86.32	98.606		
16,400.00	7,145.96	6,532.00	6,414.55	270.62	30.17	59.07	479.11	309.55	8,610.48	8,524.13	86.35	99.713		
16,500.00	7,146.20	6,532.00	6,414.55	273.45	30.17	59.07	479.11	309.55	8,709.24	8,622.85	86.39	100.818		
16,600.00	7,146.44	6,532.00	6,414.55	276.28	30.17	59.07	479.11	309.55	8,808.02	8,721.60	86.42	101.922		
16,700.00	7,146.68	6,532.00	6,414.55	279.12	30.17	59.07	479.11	309.55	8,906.83	8,820.38	86.45	103.024		
16,800.00	7,146.92	6,532.00	6,414.55	281.95	30.17	59.07	479.11	309.55	9,005.67	8,919.18	86.49	104.124		
16,900.00	7,147.16	6,532.00	6,414.55	284.78	30.17	59.07	479.11	309.55	9,104.53	9,018.00	86.53	105.222		
17,000.00	7,147.40	6,532.00	6,414.55	287.62	30.17	59.07	479.11	309.55	9,203.42	9,116.85	86.57	106.318		
17,100.00	7,147.64	6,532.00	6,414.55	290.45	30.17	59.07	479.11	309.55	9,302.33	9,215.73	86.60	107.412		
17,200.00	7,147.88	6,532.00	6,414.55	293.28	30.17	59.07	479.11	309.55	9,401.26	9,314.62	86.64	108.505		
17,300.00	7,148.12	6,532.00	6,414.55	296.12	30.17	59.07	479.11	309.55	9,500.22	9,413.53	86.68	109.595		
17,400.00	7,148.36	6,532.00	6,414.55	298.95	30.17	59.07	479.11	309.55	9,599.20	9,512.47	86.73	110.683		
17,500.00	7,148.60	6,532.00	6,414.55	301.79	30.17	59.07	479.11	309.55	9,698.20	9,611.43	86.77	111.770		
17,600.00	7,148.84	6,532.00	6,414.55	304.63	30.17	59.07	479.11	309.55	9,797.22	9,710.40	86.81	112.854		
17,700.00	7,149.08	6,532.00	6,414.55	307.46	30.17	59.07	479.11	309.55	9,896.25	9,809.40	86.86	113.936		
17,800.00	7,149.32	6,532.00	6,414.55	310.30	30.17	59.07	479.11	309.55	9,995.31	9,908.41	86.90	115.017		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	138.24	-567.59	506.71	760.94					
100.00	100.00	81.14	81.14	3.28	3.29	138.23	-567.81	507.08	761.32	754.75	6.57	115.878		
200.00	200.00	176.87	176.86	3.34	3.31	138.20	-568.58	508.40	762.82	756.17	6.65	114.680		
300.00	299.98	283.98	283.96	3.44	3.41	18.20	-569.13	509.75	762.40	755.55	6.85	111.259		
400.00	399.84	398.78	398.75	3.60	3.58	18.27	-568.07	510.55	757.21	750.04	7.18	105.494		
500.00	499.45	537.63	537.43	3.80	3.86	18.36	-561.74	509.89	745.33	737.64	7.69	96.894		
600.00	598.70	682.56	681.43	4.04	4.23	18.32	-546.03	506.23	724.10	715.73	8.37	86.511		
700.00	697.47	827.57	823.62	4.33	4.68	17.84	-518.34	501.23	693.01	683.85	9.16	75.651		
800.00	795.62	941.72	933.57	4.65	5.08	16.98	-487.85	497.97	653.87	644.02	9.85	66.386		
865.50	859.53	1,010.72	999.47	4.89	5.33	16.32	-467.54	496.04	625.51	615.21	10.30	60.726		
900.00	893.10	1,048.79	1,035.66	5.02	5.48	15.80	-455.80	494.70	609.78	599.23	10.55	57.793		
1,000.00	990.42	1,142.64	1,124.54	5.41	5.87	14.38	-425.94	490.53	563.11	551.91	11.20	50.296		
1,100.00	1,087.73	1,224.53	1,202.31	5.83	6.23	13.05	-400.68	486.17	516.81	504.99	11.82	43.718		
1,200.00	1,185.05	1,318.23	1,291.91	6.27	6.65	11.56	-373.95	480.08	471.51	458.98	12.53	37.643		
1,300.00	1,282.36	1,414.35	1,383.08	6.72	7.10	9.54	-344.42	472.79	424.35	411.09	13.26	32.006		
1,400.00	1,379.67	1,500.12	1,463.69	7.18	7.52	6.81	-315.58	467.51	376.98	362.98	14.00	26.925		
1,500.00	1,476.99	1,579.43	1,538.01	7.65	7.92	3.32	-288.09	464.41	331.58	316.80	14.79	22.423		
1,600.00	1,574.30	1,660.33	1,614.72	8.13	8.32	-0.81	-262.47	462.17	290.05	274.42	15.63	18.556		
1,700.00	1,671.61	1,747.64	1,697.60	8.62	8.75	-6.56	-235.07	460.57	251.51	234.97	16.54	15.210		
1,800.00	1,768.93	1,834.60	1,779.90	9.11	9.19	-14.28	-207.02	459.82	216.77	199.24	17.53	12.363		
1,900.00	1,866.24	1,924.17	1,864.55	9.60	9.65	-24.67	-177.76	459.27	187.69	169.05	18.64	10.069		
2,000.00	1,963.56	2,014.86	1,950.39	10.10	10.12	-37.75	-148.54	457.48	165.93	146.09	19.84	8.364		
2,100.00	2,060.87	2,103.81	2,034.53	10.61	10.58	-52.88	-119.85	454.56	155.01	134.00	21.01	7.377		
2,128.28	2,088.39	2,128.81	2,058.20	10.75	10.71	-57.33	-111.82	453.67	154.43	133.12	21.31	7.247 CC, ES		
2,200.00	2,158.18	2,192.65	2,118.65	11.11	11.05	-68.57	-91.45	451.18	158.05	136.09	21.96	7.196 SF		
2,300.00	2,255.50	2,282.48	2,203.78	11.62	11.52	-83.10	-63.12	446.89	174.00	151.32	22.68	7.673		
2,400.00	2,352.81	2,371.67	2,288.35	12.13	12.00	-95.25	-35.40	441.05	199.61	176.34	23.27	8.580		
2,500.00	2,450.13	2,457.84	2,369.97	12.65	12.46	-104.67	-8.60	434.36	232.52	208.73	23.79	9.772		
2,600.00	2,547.44	2,544.98	2,452.37	13.16	12.93	-111.91	19.04	427.98	271.01	246.61	24.40	11.105		
2,700.00	2,644.75	2,636.64	2,539.32	13.68	13.42	-117.76	47.18	420.99	311.69	286.53	25.16	12.388		
2,800.00	2,742.07	2,726.56	2,625.10	14.20	13.90	-121.81	73.78	416.48	353.12	327.19	25.93	13.617		
2,900.00	2,839.38	2,812.88	2,707.30	14.71	14.35	-124.50	100.02	414.66	396.07	369.40	26.68	14.847		
3,000.00	2,936.70	2,900.72	2,790.90	15.23	14.82	-126.77	126.88	412.45	439.88	412.41	27.47	16.014		
3,100.00	3,034.01	2,986.90	2,872.85	15.76	15.28	-128.64	153.47	409.95	484.50	456.25	28.25	17.153		
3,200.00	3,131.32	3,073.13	2,954.59	16.28	15.74	-129.98	180.90	409.19	529.92	500.87	29.04	18.245		
3,300.00	3,228.64	3,165.24	3,041.90	16.80	16.23	-131.08	210.26	409.35	575.37	545.42	29.96	19.206		
3,400.00	3,325.95	3,249.13	3,121.41	17.32	16.68	-131.99	237.00	408.96	621.10	590.37	30.73	20.209		
3,500.00	3,423.26	3,335.06	3,202.78	17.85	17.15	-132.88	264.56	407.69	667.39	635.84	31.55	21.153		
3,600.00	3,520.58	3,430.03	3,292.88	18.37	17.66	-133.83	294.49	405.30	713.57	681.05	32.52	21.945		
3,700.00	3,617.89	3,538.29	3,396.07	18.90	18.24	-134.66	327.21	404.40	758.27	724.59	33.68	22.516		
3,800.00	3,715.21	3,636.40	3,490.02	19.43	18.75	-135.26	355.45	404.69	801.44	766.77	34.67	23.119		
3,900.00	3,812.52	3,730.95	3,580.90	19.95	19.24	-135.84	381.54	404.60	843.71	808.11	35.60	23.700		
4,000.00	3,909.83	3,811.12	3,657.83	20.48	19.65	-136.28	404.08	404.51	886.51	850.17	36.34	24.395		
4,100.00	4,007.15	3,891.10	3,734.28	21.01	20.07	-136.63	427.59	404.79	930.35	893.27	37.08	25.088		
4,200.00	4,104.46	3,971.60	3,810.94	21.53	20.50	-136.91	452.14	405.30	975.12	937.28	37.84	25.768		
4,300.00	4,201.78	4,050.64	3,886.00	22.06	20.93	-137.17	476.93	405.61	1,020.75	982.16	38.58	26.455		
4,400.00	4,299.09	4,125.63	3,956.94	22.59	21.34	-137.38	501.25	405.87	1,067.35	1,028.08	39.27	27.179		
4,500.00	4,396.40	4,198.58	4,025.58	23.12	21.74	-137.55	525.94	406.09	1,115.21	1,075.28	39.93	27.928		
4,600.00	4,493.72	4,277.33	4,099.36	23.65	22.18	-137.72	553.46	406.11	1,164.12	1,123.44	40.69	28.612		
4,700.00	4,591.03	4,426.90	4,241.05	24.18	23.00	-138.14	601.25	405.07	1,210.48	1,168.04	42.44	28.522		
4,800.00	4,688.34	4,533.18	4,342.87	24.71	23.56	-138.49	631.73	403.95	1,254.26	1,210.72	43.54	28.808		
4,900.00	4,785.66	4,640.71	4,446.26	25.24	24.12	-138.85	661.22	402.62	1,297.07	1,252.44	44.64	29.059		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 140-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,882.97	4,698.92	4,502.23	25.77	24.43	-139.06	677.16	401.22	1,340.29	1,295.16	45.13	29.700		
5,100.00	4,980.29	4,759.13	4,559.73	26.30	24.75	-139.29	694.85	398.81	1,385.72	1,340.09	45.63	30.368		
5,200.00	5,077.60	4,829.50	4,626.62	26.83	25.13	-139.55	716.49	395.67	1,432.57	1,386.31	46.27	30.963		
5,300.00	5,174.91	4,933.00	4,725.08	27.36	25.70	-139.92	747.99	390.70	1,479.28	1,431.93	47.35	31.241		
5,400.00	5,272.23	4,990.45	4,779.63	27.89	26.01	-140.13	765.75	387.57	1,526.69	1,478.88	47.82	31.929		
5,500.00	5,369.54	5,103.70	4,886.91	28.42	26.64	-140.54	801.31	380.40	1,575.02	1,525.99	49.03	32.122		
5,600.00	5,466.86	5,219.91	4,997.99	28.95	27.26	-141.01	834.41	372.12	1,621.00	1,570.74	50.26	32.255		
5,700.00	5,564.17	5,318.82	5,092.66	29.48	27.79	-141.32	862.59	366.99	1,666.39	1,615.13	51.26	32.511		
5,800.00	5,661.48	5,522.84	5,290.17	30.01	28.82	-142.10	911.91	354.73	1,708.62	1,655.26	53.37	32.016		
5,900.00	5,758.80	5,673.22	5,437.70	30.54	29.52	-142.76	939.35	345.29	1,745.64	1,690.88	54.76	31.878		
6,000.00	5,856.11	5,803.41	5,565.79	31.07	30.12	-143.16	962.44	342.15	1,781.04	1,725.10	55.94	31.838		
6,100.00	5,953.43	5,947.08	5,707.84	31.61	30.76	-143.57	983.89	340.68	1,813.18	1,755.99	57.18	31.708		
6,200.00	6,050.74	6,044.51	5,804.33	32.14	31.18	-143.84	997.35	339.89	1,844.48	1,786.40	58.08	31.759		
6,300.00	6,148.05	6,134.01	5,892.97	32.67	31.57	-144.10	1,009.66	338.90	1,875.89	1,816.98	58.91	31.841		
6,400.00	6,245.37	6,343.51	6,101.09	33.20	32.45	-144.64	1,033.30	339.76	1,904.57	1,844.09	60.48	31.491		
6,500.00	6,342.68	7,888.26	7,073.01	33.73	40.65	-122.19	1,073.78	1,248.44	1,911.42	1,846.11	65.31	29.267		
6,520.81	6,362.93	7,891.47	7,072.87	33.85	40.70	-122.09	1,073.73	1,251.65	1,905.75	1,839.96	65.79	28.966		
6,550.00	6,391.46	7,895.40	7,072.71	34.00	40.76	-127.58	1,073.67	1,255.57	1,898.10	1,831.65	66.45	28.564		
6,600.00	6,440.79	7,899.21	7,072.55	34.23	40.81	-145.24	1,073.61	1,259.38	1,885.81	1,818.31	67.50	27.936		
6,650.00	6,490.44	7,899.15	7,072.55	34.43	40.81	-179.40	1,073.61	1,259.32	1,874.64	1,806.20	68.45	27.389		
6,700.00	6,540.10	7,895.01	7,072.72	34.60	40.75	145.24	1,073.68	1,255.19	1,864.69	1,795.42	69.27	26.918		
6,750.00	6,589.46	7,886.58	7,073.09	34.76	40.63	125.91	1,073.80	1,246.77	1,856.01	1,786.02	69.99	26.519		
6,800.00	6,638.22	7,873.69	7,073.69	34.92	40.43	116.13	1,073.98	1,233.89	1,848.61	1,778.02	70.59	26.189		
6,850.00	6,686.09	7,856.19	7,074.60	35.07	40.17	110.46	1,074.18	1,216.41	1,842.48	1,771.41	71.07	25.925		
6,900.00	6,732.75	7,833.94	7,075.91	35.24	39.85	106.68	1,074.38	1,194.21	1,837.54	1,766.11	71.43	25.726		
6,950.00	6,777.94	7,811.99	7,077.27	35.42	39.54	103.99	1,074.55	1,172.30	1,833.72	1,761.95	71.78	25.548		
7,000.00	6,821.36	7,790.67	7,078.26	35.61	39.26	101.92	1,074.83	1,151.00	1,831.00	1,758.88	72.12	25.388		
7,050.00	6,862.75	7,767.95	7,078.92	35.83	38.96	100.20	1,075.25	1,128.30	1,829.31	1,756.89	72.42	25.260		
7,100.00	6,901.85	7,743.98	7,079.17	36.06	38.65	98.70	1,075.84	1,104.34	1,828.58	1,755.90	72.68	25.159		
7,150.00	6,938.43	7,543.00	7,045.75	36.32	36.59	92.78	1,074.83	907.20	1,826.99	1,756.37	70.62	25.870		
7,200.00	6,972.26	7,543.00	7,045.75	36.61	36.59	92.32	1,074.83	907.20	1,825.31	1,754.09	71.22	25.630		
7,250.00	7,003.13	7,518.84	7,037.41	36.93	36.42	91.26	1,074.11	884.54	1,824.25	1,752.69	71.56	25.492		
7,290.54	7,025.85	7,508.69	7,033.60	37.22	36.36	90.70	1,073.94	875.13	1,824.02	1,752.06	71.96	25.349		
7,300.00	7,030.85	7,506.26	7,032.67	37.29	36.34	90.57	1,073.90	872.89	1,824.03	1,751.98	72.04	25.318		
7,350.00	7,055.25	7,493.14	7,027.44	37.68	36.26	89.88	1,073.81	860.86	1,824.51	1,751.97	72.54	25.153		
7,400.00	7,076.17	7,479.54	7,021.71	38.12	36.18	89.21	1,073.84	848.52	1,825.64	1,752.59	73.04	24.994		
7,450.00	7,093.50	7,450.00	7,008.23	38.60	36.02	88.19	1,074.37	822.25	1,827.53	1,754.14	73.39	24.901		
7,500.00	7,107.11	7,450.00	7,008.23	39.11	36.02	87.86	1,074.37	822.25	1,829.64	1,755.54	74.10	24.691		
7,550.00	7,116.94	7,428.11	6,997.49	39.66	35.92	87.07	1,075.05	803.19	1,832.32	1,757.71	74.61	24.558		
7,600.00	7,122.91	7,403.83	6,985.09	40.24	35.82	86.30	1,075.94	782.34	1,835.22	1,760.11	75.11	24.433		
7,650.18	7,125.00	7,378.97	6,971.85	40.85	35.72	85.57	1,077.01	761.32	1,838.28	1,762.66	75.62	24.309		
7,700.00	7,125.12	7,351.75	6,956.74	41.48	35.63	85.09	1,078.34	738.72	1,841.74	1,765.62	76.12	24.195		
7,800.00	7,125.36	7,183.03	6,853.06	42.88	35.18	81.87	1,081.73	605.80	1,849.00	1,772.79	76.21	24.262		
7,900.00	7,125.60	7,072.00	6,777.73	44.42	34.93	79.52	1,077.81	524.38	1,855.08	1,778.13	76.94	24.110		
8,000.00	7,125.84	7,029.19	6,746.67	46.10	34.83	78.56	1,075.62	495.00	1,863.78	1,785.36	78.41	23.769		
8,100.00	7,126.08	6,979.00	6,708.33	47.89	34.70	77.37	1,073.18	462.72	1,876.43	1,796.60	79.83	23.506		
8,200.00	7,126.32	6,979.00	6,708.33	49.79	34.70	77.37	1,073.18	462.72	1,893.18	1,811.44	81.74	23.161		
8,300.00	7,126.56	6,933.69	6,671.71	51.79	34.57	76.25	1,071.05	436.15	1,913.81	1,830.61	83.20	23.003		
8,400.00	7,126.80	6,910.68	6,652.32	53.86	34.51	75.66	1,069.98	423.80	1,938.89	1,854.07	84.82	22.860		
8,500.00	7,127.04	6,885.00	6,630.10	56.00	34.44	74.98	1,068.80	410.98	1,968.18	1,881.84	86.34	22.797		
8,600.00	7,127.28	6,860.99	6,608.82	58.21	34.36	74.34	1,067.49	399.94	2,001.45	1,913.66	87.79	22.797		
8,689.38	7,127.49	6,836.09	6,586.29	60.24	34.28	73.66	1,065.70	389.52	2,034.35	1,945.38	88.98	22.864		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 140-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,127.52	6,833.46	6,583.88	60.48	34.27	73.56	1,065.48	388.48	2,038.47	1,949.36	89.11	22.875		
8,800.00	7,127.76	6,811.31	6,563.43	62.79	34.19	72.67	1,063.46	380.21	2,080.99	1,990.62	90.37	23.028		
8,841.07	7,127.85	6,790.00	6,543.49	63.74	34.12	71.93	1,061.18	373.06	2,100.41	2,009.70	90.72	23.154		
8,900.00	7,128.00	6,790.00	6,543.49	65.12	34.12	71.93	1,061.18	373.06	2,129.44	2,037.94	91.50	23.273		
9,000.00	7,128.23	6,790.00	6,543.49	67.50	34.12	71.93	1,061.18	373.06	2,181.44	2,088.71	92.73	23.524		
9,100.00	7,128.47	6,790.00	6,543.49	69.91	34.12	71.93	1,061.18	373.06	2,236.72	2,142.86	93.86	23.831		
9,200.00	7,128.71	6,790.00	6,543.49	72.35	34.12	71.93	1,061.18	373.06	2,295.02	2,200.14	94.87	24.191		
9,300.00	7,128.95	6,790.00	6,543.49	74.83	34.12	71.93	1,061.18	373.06	2,356.12	2,260.33	95.79	24.598		
9,400.00	7,129.19	6,790.00	6,543.49	77.33	34.12	71.93	1,061.18	373.06	2,419.81	2,323.21	96.61	25.048		
9,500.00	7,129.43	6,790.00	6,543.49	79.86	34.12	71.93	1,061.18	373.06	2,485.90	2,388.56	97.34	25.537		
9,600.00	7,129.67	6,750.02	6,505.36	82.41	33.98	70.77	1,057.04	361.81	2,552.51	2,454.80	97.70	26.125		
9,700.00	7,129.91	6,745.62	6,501.11	84.97	33.96	70.64	1,056.64	360.75	2,622.43	2,524.16	98.27	26.686		
9,800.00	7,130.15	6,741.49	6,497.11	87.56	33.95	70.52	1,056.27	359.78	2,694.22	2,595.44	98.78	27.275		
9,900.00	7,130.39	6,737.62	6,493.35	90.16	33.93	70.40	1,055.94	358.90	2,767.72	2,668.49	99.23	27.892		
10,000.00	7,130.63	6,733.97	6,489.81	92.78	33.92	70.30	1,055.63	358.10	2,842.81	2,743.18	99.63	28.533		
10,100.00	7,130.87	6,695.00	6,451.61	95.41	33.78	69.16	1,052.78	351.00	2,920.73	2,820.99	99.74	29.284		
10,200.00	7,131.11	6,695.00	6,451.61	98.06	33.78	69.16	1,052.78	351.00	2,998.41	2,898.32	100.09	29.958		
10,300.00	7,131.35	6,695.00	6,451.61	100.71	33.78	69.16	1,052.78	351.00	3,077.38	2,976.98	100.40	30.652		
10,400.00	7,131.59	6,695.00	6,451.61	103.38	33.78	69.16	1,052.78	351.00	3,157.54	3,056.87	100.67	31.364		
10,500.00	7,131.83	6,695.00	6,451.61	106.06	33.78	69.16	1,052.78	351.00	3,238.81	3,137.89	100.92	32.093		
10,600.00	7,132.07	6,695.00	6,451.61	108.74	33.78	69.16	1,052.78	351.00	3,321.10	3,219.97	101.14	32.838		
10,700.00	7,132.31	6,695.00	6,451.61	111.44	33.78	69.16	1,052.78	351.00	3,404.34	3,303.01	101.33	33.597		
10,800.00	7,132.55	6,695.00	6,451.61	114.14	33.78	69.16	1,052.78	351.00	3,488.46	3,386.96	101.50	34.369		
10,900.00	7,132.79	6,695.00	6,451.61	116.85	33.78	69.16	1,052.78	351.00	3,573.40	3,471.75	101.65	35.154		
11,000.00	7,133.03	6,695.00	6,451.61	119.57	33.78	69.16	1,052.78	351.00	3,659.09	3,557.31	101.78	35.950		
11,100.00	7,133.27	6,695.00	6,451.61	122.29	33.78	69.16	1,052.78	351.00	3,745.50	3,643.60	101.90	36.756		
11,200.00	7,133.51	6,695.00	6,451.61	125.02	33.78	69.16	1,052.78	351.00	3,832.57	3,730.57	102.01	37.572		
11,300.00	7,133.74	6,695.00	6,451.61	127.76	33.78	69.16	1,052.78	351.00	3,920.26	3,818.16	102.10	38.397		
11,400.00	7,133.98	6,695.00	6,451.61	130.50	33.78	69.16	1,052.78	351.00	4,008.52	3,906.34	102.18	39.231		
11,500.00	7,134.22	6,695.00	6,451.61	133.24	33.78	69.16	1,052.78	351.00	4,097.32	3,995.07	102.25	40.072		
11,600.00	7,134.46	6,695.00	6,451.61	135.99	33.78	69.16	1,052.78	351.00	4,186.63	4,084.32	102.31	40.920		
11,700.00	7,134.70	6,695.00	6,451.61	138.75	33.78	69.16	1,052.78	351.00	4,276.41	4,174.04	102.37	41.775		
11,800.00	7,134.94	6,695.00	6,451.61	141.51	33.78	69.16	1,052.78	351.00	4,366.63	4,264.22	102.42	42.636		
11,900.00	7,135.18	6,695.00	6,451.61	144.27	33.78	69.16	1,052.78	351.00	4,457.28	4,354.82	102.46	43.503		
12,000.00	7,135.42	6,695.00	6,451.61	147.03	33.78	69.16	1,052.78	351.00	4,548.31	4,445.81	102.50	44.375		
12,100.00	7,135.66	6,695.00	6,451.61	149.80	33.78	69.16	1,052.78	351.00	4,639.71	4,537.18	102.53	45.253		
12,200.00	7,135.90	6,695.00	6,451.61	152.58	33.78	69.16	1,052.78	351.00	4,731.46	4,628.91	102.56	46.135		
12,300.00	7,136.14	6,695.00	6,451.61	155.35	33.78	69.16	1,052.78	351.00	4,823.54	4,720.96	102.58	47.021		
12,400.00	7,136.38	6,695.00	6,451.61	158.13	33.78	69.16	1,052.78	351.00	4,915.93	4,813.33	102.60	47.912		
12,500.00	7,136.62	6,695.00	6,451.61	160.91	33.78	69.16	1,052.78	351.00	5,008.61	4,905.99	102.62	48.806		
12,600.00	7,136.86	6,695.00	6,451.61	163.70	33.78	69.16	1,052.78	351.00	5,101.57	4,998.93	102.64	49.703		
12,700.00	7,137.10	6,695.00	6,451.61	166.48	33.78	69.16	1,052.78	351.00	5,194.79	5,092.13	102.66	50.604		
12,800.00	7,137.34	6,695.00	6,451.61	169.27	33.78	69.16	1,052.78	351.00	5,288.26	5,185.59	102.67	51.508		
12,900.00	7,137.58	6,695.00	6,451.61	172.06	33.78	69.16	1,052.78	351.00	5,381.96	5,279.28	102.68	52.415		
13,000.00	7,137.82	6,695.00	6,451.61	174.86	33.78	69.16	1,052.78	351.00	5,475.88	5,373.19	102.69	53.324		
13,100.00	7,138.06	6,695.00	6,451.61	177.65	33.78	69.16	1,052.78	351.00	5,570.02	5,467.32	102.70	54.236		
13,200.00	7,138.30	6,695.00	6,451.61	180.45	33.78	69.16	1,052.78	351.00	5,664.35	5,561.65	102.71	55.150		
13,300.00	7,138.54	6,695.00	6,451.61	183.25	33.78	69.16	1,052.78	351.00	5,758.88	5,656.17	102.72	56.067		
13,400.00	7,138.78	6,695.00	6,451.61	186.05	33.78	69.16	1,052.78	351.00	5,853.59	5,750.87	102.72	56.985		
13,500.00	7,139.02	6,695.00	6,451.61	188.85	33.78	69.16	1,052.78	351.00	5,948.47	5,845.75	102.73	57.905		
13,600.00	7,139.25	6,695.00	6,451.61	191.65	33.78	69.16	1,052.78	351.00	6,043.52	5,940.79	102.74	58.826		
13,700.00	7,139.49	6,695.00	6,451.61	194.46	33.78	69.16	1,052.78	351.00	6,138.73	6,035.99	102.74	59.749		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,800.00	7,139.73	6,695.00	6,451.61	197.27	33.78	69.16	1,052.78	351.00	6,234.08	6,131.33	102.75	60.674		
13,900.00	7,139.97	6,695.00	6,451.61	200.08	33.78	69.16	1,052.78	351.00	6,329.58	6,226.83	102.75	61.599		
14,000.00	7,140.21	6,695.00	6,451.61	202.89	33.78	69.16	1,052.78	351.00	6,425.22	6,322.46	102.76	62.526		
14,100.00	7,140.45	6,695.00	6,451.61	205.70	33.78	69.16	1,052.78	351.00	6,520.98	6,418.22	102.77	63.454		
14,200.00	7,140.69	6,695.00	6,451.61	208.51	33.78	69.16	1,052.78	351.00	6,616.88	6,514.10	102.77	64.383		
14,300.00	7,140.93	6,695.00	6,451.61	211.32	33.78	69.16	1,052.78	351.00	6,712.89	6,610.11	102.78	65.313		
14,400.00	7,141.17	6,695.00	6,451.61	214.14	33.78	69.16	1,052.78	351.00	6,809.01	6,706.23	102.79	66.243		
14,500.00	7,141.41	6,695.00	6,451.61	216.95	33.78	69.16	1,052.78	351.00	6,905.25	6,802.45	102.80	67.174		
14,600.00	7,141.65	6,695.00	6,451.61	219.77	33.78	69.16	1,052.78	351.00	7,001.59	6,898.79	102.80	68.106		
14,700.00	7,141.89	6,695.00	6,451.61	222.59	33.78	69.16	1,052.78	351.00	7,098.04	6,995.22	102.81	69.038		
14,800.00	7,142.13	6,695.00	6,451.61	225.41	33.78	69.16	1,052.78	351.00	7,194.58	7,091.75	102.82	69.971		
14,900.00	7,142.37	6,695.00	6,451.61	228.23	33.78	69.16	1,052.78	351.00	7,291.21	7,188.38	102.83	70.904		
15,000.00	7,142.61	6,695.00	6,451.61	231.05	33.78	69.16	1,052.78	351.00	7,387.93	7,285.09	102.84	71.837		
15,100.00	7,142.85	6,695.00	6,451.61	233.87	33.78	69.16	1,052.78	351.00	7,484.74	7,381.89	102.85	72.770		
15,200.00	7,143.09	6,695.00	6,451.61	236.69	33.78	69.16	1,052.78	351.00	7,581.64	7,478.77	102.87	73.704		
15,300.00	7,143.33	6,695.00	6,451.61	239.52	33.78	69.16	1,052.78	351.00	7,678.61	7,575.73	102.88	74.638		
15,400.00	7,143.57	6,695.00	6,451.61	242.34	33.78	69.16	1,052.78	351.00	7,775.66	7,672.76	102.89	75.571		
15,500.00	7,143.81	6,651.85	6,408.81	245.17	33.62	67.91	1,050.38	346.04	7,871.24	7,768.46	102.78	76.584		
15,600.00	7,144.05	6,651.23	6,408.20	247.99	33.62	67.90	1,050.35	345.99	7,968.39	7,865.60	102.79	77.519		
15,700.00	7,144.29	6,650.63	6,407.60	250.82	33.62	67.88	1,050.32	345.94	8,065.61	7,962.81	102.81	78.454		
15,800.00	7,144.53	6,650.04	6,407.01	253.64	33.61	67.86	1,050.29	345.90	8,162.90	8,060.08	102.82	79.389		
15,900.00	7,144.76	6,649.46	6,406.44	256.47	33.61	67.85	1,050.27	345.85	8,260.25	8,157.41	102.84	80.324		
16,000.00	7,145.00	6,648.90	6,405.88	259.30	33.61	67.83	1,050.24	345.81	8,357.66	8,254.81	102.85	81.258		
16,100.00	7,145.24	6,648.35	6,405.33	262.13	33.61	67.81	1,050.21	345.76	8,455.14	8,352.27	102.87	82.193		
16,200.00	7,145.48	6,647.81	6,404.79	264.96	33.61	67.80	1,050.19	345.72	8,552.67	8,449.78	102.89	83.126		
16,300.00	7,145.72	6,647.28	6,404.27	267.79	33.60	67.78	1,050.16	345.68	8,650.25	8,547.35	102.91	84.060		
16,400.00	7,145.96	6,646.76	6,403.75	270.62	33.60	67.77	1,050.14	345.64	8,747.89	8,644.97	102.93	84.992		
16,500.00	7,146.20	6,646.26	6,403.25	273.45	33.60	67.75	1,050.11	345.60	8,845.59	8,742.64	102.95	85.925		
16,600.00	7,146.44	6,645.76	6,402.75	276.28	33.60	67.74	1,050.09	345.57	8,943.33	8,840.36	102.97	86.856		
16,700.00	7,146.68	6,645.27	6,402.27	279.12	33.60	67.73	1,050.07	345.53	9,041.12	8,938.13	102.99	87.788		
16,800.00	7,146.92	6,644.80	6,401.79	281.95	33.60	67.71	1,050.04	345.50	9,138.96	9,035.95	103.01	88.718		
16,900.00	7,147.16	6,644.33	6,401.33	284.78	33.59	67.70	1,050.02	345.46	9,236.85	9,133.81	103.03	89.648		
17,000.00	7,147.40	6,601.00	6,358.07	287.62	33.43	66.47	1,048.29	343.75	9,336.28	9,233.34	102.94	90.695		
17,100.00	7,147.64	6,601.00	6,358.07	290.45	33.43	66.47	1,048.29	343.75	9,434.22	9,331.25	102.97	91.623		
17,200.00	7,147.88	6,601.00	6,358.07	293.28	33.43	66.47	1,048.29	343.75	9,532.20	9,429.21	103.00	92.550		
17,300.00	7,148.12	6,601.00	6,358.07	296.12	33.43	66.47	1,048.29	343.75	9,630.23	9,527.20	103.02	93.476		
17,400.00	7,148.36	6,601.00	6,358.07	298.95	33.43	66.47	1,048.29	343.75	9,728.29	9,625.24	103.05	94.402		
17,500.00	7,148.60	6,601.00	6,358.07	301.79	33.43	66.47	1,048.29	343.75	9,826.40	9,723.31	103.08	95.326		
17,600.00	7,148.84	6,601.00	6,358.07	304.63	33.43	66.47	1,048.29	343.75	9,924.54	9,821.43	103.11	96.250		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	139.23	-587.62	506.71	776.00					
100.00	100.00	96.77	96.77	3.28	3.29	139.22	-587.17	506.49	775.47	768.90	6.57	117.995		
200.00	200.00	205.48	205.46	3.34	3.31	139.18	-585.57	505.74	773.91	767.26	6.65	116.380		
300.00	299.98	314.05	313.99	3.44	3.35	19.20	-582.83	504.44	769.57	762.77	6.80	113.197		
400.00	399.84	422.23	422.09	3.60	3.41	19.31	-578.96	502.61	760.83	753.81	7.02	108.429		
500.00	499.45	543.20	542.82	3.80	3.59	19.47	-571.99	500.10	746.93	739.52	7.41	100.799		
600.00	598.70	657.72	656.79	4.04	3.82	19.52	-560.99	498.22	727.18	719.27	7.90	92.005		
700.00	697.47	774.80	772.79	4.33	4.12	19.41	-545.22	497.17	701.84	693.35	8.49	82.627		
800.00	795.62	894.46	890.52	4.65	4.48	19.13	-523.95	496.01	670.15	660.98	9.17	73.089		
865.50	859.53	974.58	968.76	4.89	4.74	18.85	-506.74	494.69	645.72	636.06	9.66	66.870		
900.00	893.10	1,016.11	1,009.08	5.02	4.88	18.57	-496.84	493.70	631.78	621.87	9.91	63.733		
1,000.00	990.42	1,113.23	1,103.15	5.41	5.24	17.87	-472.94	490.33	590.22	579.66	10.56	55.885		
1,100.00	1,087.73	1,204.37	1,191.46	5.83	5.60	17.19	-450.70	486.49	548.42	537.20	11.22	48.880		
1,200.00	1,185.05	1,309.04	1,292.60	6.27	6.03	16.34	-424.48	480.47	505.29	493.34	11.95	42.277		
1,300.00	1,282.36	1,407.42	1,386.83	6.72	6.46	15.20	-397.03	473.76	459.62	446.94	12.68	36.255		
1,400.00	1,379.67	1,496.95	1,472.13	7.18	6.87	13.60	-370.29	468.78	413.67	400.27	13.40	30.862		
1,500.00	1,476.99	1,584.39	1,555.14	7.65	7.29	11.52	-343.25	463.93	367.39	353.23	14.15	25.955		
1,600.00	1,574.30	1,663.18	1,630.32	8.13	7.66	9.17	-319.90	460.78	323.43	308.49	14.94	21.645		
1,700.00	1,671.61	1,749.70	1,713.36	8.62	8.07	6.01	-295.73	458.29	281.98	266.22	15.76	17.891		
1,800.00	1,768.93	1,839.26	1,799.78	9.11	8.50	2.20	-272.48	454.86	241.87	225.27	16.61	14.566		
1,900.00	1,866.24	1,930.71	1,888.19	9.60	8.93	-2.83	-249.50	450.63	202.80	185.32	17.48	11.603		
2,000.00	1,963.56	2,022.02	1,976.18	10.10	9.38	-10.44	-225.47	446.27	165.17	146.74	18.43	8.961		
2,100.00	2,060.87	2,111.76	2,062.29	10.61	9.82	-22.21	-200.60	441.96	131.32	111.75	19.57	6.710		
2,200.00	2,158.18	2,199.51	2,146.47	11.11	10.26	-39.33	-176.08	438.20	106.70	85.76	20.94	5.096		
2,285.28	2,241.17	2,274.36	2,218.13	11.55	10.64	-58.08	-154.65	435.76	98.90	76.87	22.03	4.490 CC, ES		
2,300.00	2,255.50	2,287.11	2,230.29	11.62	10.70	-61.50	-150.80	435.36	99.15	76.98	22.17	4.472 SF		
2,400.00	2,352.81	2,377.38	2,316.27	12.13	11.16	-83.91	-123.49	432.33	112.32	89.44	22.88	4.909		
2,500.00	2,450.13	2,466.26	2,401.30	12.65	11.62	-100.15	-97.86	428.98	139.07	115.74	23.33	5.962		
2,600.00	2,547.44	2,558.44	2,489.62	13.16	12.09	-111.29	-71.62	426.00	173.50	149.56	23.95	7.245		
2,700.00	2,644.75	2,647.69	2,575.49	13.68	12.54	-118.55	-47.45	423.15	210.62	186.04	24.58	8.568		
2,800.00	2,742.07	2,734.81	2,659.06	14.20	12.98	-123.22	-22.90	421.75	250.77	225.52	25.25	9.933		
2,900.00	2,839.38	2,819.84	2,740.33	14.71	13.42	-126.62	2.07	420.05	293.19	267.28	25.91	11.315		
3,000.00	2,936.70	2,906.07	2,822.32	15.23	13.88	-129.06	28.73	418.97	337.58	310.93	26.65	12.666		
3,100.00	3,034.01	2,996.80	2,908.61	15.76	14.35	-131.11	56.74	417.42	382.44	354.92	27.52	13.898		
3,200.00	3,131.32	3,096.59	3,003.96	16.28	14.87	-132.97	86.10	415.41	426.43	397.86	28.57	14.927		
3,300.00	3,228.64	3,188.84	3,092.81	16.80	15.35	-134.44	110.83	413.58	468.24	438.79	29.45	15.899		
3,400.00	3,325.95	3,269.73	3,170.37	17.32	15.76	-135.49	133.71	411.94	511.61	481.47	30.14	16.977		
3,500.00	3,423.26	3,362.54	3,259.07	17.85	16.25	-136.51	160.96	409.71	556.21	525.16	31.05	17.913		
3,600.00	3,520.58	3,465.85	3,358.67	18.37	16.78	-137.60	188.24	406.96	598.30	566.17	32.13	18.621		
3,700.00	3,617.89	3,546.96	3,436.96	18.90	17.19	-138.49	209.13	403.44	640.59	607.75	32.84	19.509		
3,800.00	3,715.21	3,625.25	3,512.10	19.43	17.60	-139.29	230.65	399.02	684.91	651.41	33.50	20.444		
3,900.00	3,812.52	3,723.64	3,606.57	19.95	18.11	-140.17	257.63	393.60	729.29	694.79	34.50	21.136		
4,000.00	3,909.83	3,817.57	3,697.07	20.48	18.60	-140.88	282.42	389.29	772.54	737.11	35.43	21.804		
4,100.00	4,007.15	3,892.50	3,769.04	21.01	18.99	-141.32	303.04	386.31	816.64	780.57	36.07	22.642		
4,200.00	4,104.46	3,951.65	3,825.31	21.53	19.31	-141.58	321.11	384.09	863.27	826.82	36.45	23.682		
4,300.00	4,201.78	4,013.52	3,883.46	22.06	19.65	-141.77	342.11	381.73	912.78	875.90	36.88	24.750		
4,400.00	4,299.09	4,080.33	3,945.67	22.59	20.03	-141.93	366.29	378.79	964.40	927.00	37.40	25.787		
4,500.00	4,396.40	4,173.84	4,032.64	23.12	20.57	-142.17	400.34	374.20	1,016.45	978.04	38.41	26.463		
4,600.00	4,493.72	4,315.19	4,165.42	23.65	21.36	-142.65	448.04	365.87	1,067.13	1,026.96	40.18	26.561		
4,700.00	4,591.03	4,464.48	4,308.95	24.18	22.15	-143.22	488.47	359.54	1,110.66	1,068.77	41.89	26.514		
4,800.00	4,688.34	4,548.63	4,390.29	24.71	22.58	-143.54	509.73	355.86	1,153.20	1,110.52	42.68	27.017		
4,900.00	4,785.66	4,636.69	4,475.30	25.24	23.03	-143.84	532.42	352.25	1,196.07	1,152.54	43.53	27.476		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 437-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,689.38	7,127.49	6,906.51	6,709.09	60.24	32.70	75.17	795.67	376.66	1,766.47	1,679.11	87.36	20.221		
8,700.00	7,127.52	6,905.11	6,707.80	60.48	32.69	75.10	795.62	376.13	1,771.20	1,683.72	87.48	20.247		
8,800.00	7,127.76	6,872.00	6,676.86	62.79	32.58	73.70	794.58	364.37	1,820.07	1,731.70	88.37	20.596		
8,841.07	7,127.85	6,872.00	6,676.86	63.74	32.58	73.56	794.58	364.37	1,841.81	1,752.98	88.82	20.736		
8,900.00	7,128.00	6,872.00	6,676.86	65.12	32.58	73.56	794.58	364.37	1,874.47	1,785.04	89.43	20.961		
9,000.00	7,128.23	6,872.00	6,676.86	67.50	32.58	73.56	794.58	364.37	1,932.75	1,842.40	90.35	21.391		
9,100.00	7,128.47	6,872.00	6,676.86	69.91	32.58	73.56	794.58	364.37	1,994.34	1,903.18	91.16	21.878		
9,200.00	7,128.71	6,872.00	6,676.86	72.35	32.58	73.56	794.58	364.37	2,058.95	1,967.09	91.85	22.416		
9,300.00	7,128.95	6,872.00	6,676.86	74.83	32.58	73.56	794.58	364.37	2,126.30	2,033.84	92.45	22.999		
9,400.00	7,129.19	6,835.54	6,642.19	77.33	32.46	72.33	793.84	353.14	2,195.01	2,102.26	92.75	23.665		
9,500.00	7,129.43	6,828.22	6,635.16	79.86	32.43	72.08	793.74	351.10	2,266.60	2,173.44	93.17	24.328		
9,600.00	7,129.67	6,821.39	6,628.58	82.41	32.41	71.85	793.67	349.26	2,340.20	2,246.68	93.52	25.023		
9,700.00	7,129.91	6,815.00	6,622.41	84.97	32.39	71.64	793.62	347.59	2,415.63	2,321.80	93.83	25.746		
9,800.00	7,130.15	6,777.00	6,585.45	87.56	32.25	70.36	793.60	338.79	2,493.59	2,399.68	93.91	26.554		
9,900.00	7,130.39	6,777.00	6,585.45	90.16	32.25	70.36	793.60	338.79	2,571.92	2,477.76	94.17	27.312		
10,000.00	7,130.63	6,777.00	6,585.45	92.78	32.25	70.36	793.60	338.79	2,651.72	2,557.33	94.39	28.095		
10,100.00	7,130.87	6,777.00	6,585.45	95.41	32.25	70.36	793.60	338.79	2,732.84	2,638.27	94.57	28.898		
10,200.00	7,131.11	6,777.00	6,585.45	98.06	32.25	70.36	793.60	338.79	2,815.17	2,720.45	94.72	29.720		
10,300.00	7,131.35	6,777.00	6,585.45	100.71	32.25	70.36	793.60	338.79	2,898.62	2,803.77	94.85	30.560		
10,400.00	7,131.59	6,777.00	6,585.45	103.38	32.25	70.36	793.60	338.79	2,983.08	2,888.13	94.95	31.416		
10,500.00	7,131.83	6,777.00	6,585.45	106.06	32.25	70.36	793.60	338.79	3,068.48	2,973.45	95.04	32.287		
10,600.00	7,132.07	6,777.00	6,585.45	108.74	32.25	70.36	793.60	338.79	3,154.74	3,059.64	95.11	33.171		
10,700.00	7,132.31	6,777.00	6,585.45	111.44	32.25	70.36	793.60	338.79	3,241.79	3,146.63	95.16	34.067		
10,800.00	7,132.55	6,777.00	6,585.45	114.14	32.25	70.36	793.60	338.79	3,329.56	3,234.36	95.20	34.974		
10,900.00	7,132.79	6,777.00	6,585.45	116.85	32.25	70.36	793.60	338.79	3,418.01	3,322.78	95.23	35.891		
11,000.00	7,133.03	6,777.00	6,585.45	119.57	32.25	70.36	793.60	338.79	3,507.08	3,411.82	95.25	36.818		
11,100.00	7,133.27	6,777.00	6,585.45	122.29	32.25	70.36	793.60	338.79	3,596.72	3,501.45	95.27	37.753		
11,200.00	7,133.51	6,777.00	6,585.45	125.02	32.25	70.36	793.60	338.79	3,686.89	3,591.62	95.28	38.696		
11,300.00	7,133.74	6,777.00	6,585.45	127.76	32.25	70.36	793.60	338.79	3,777.56	3,682.28	95.28	39.647		
11,400.00	7,133.98	6,777.00	6,585.45	130.50	32.25	70.36	793.60	338.79	3,868.69	3,773.42	95.28	40.604		
11,500.00	7,134.22	6,777.00	6,585.45	133.24	32.25	70.36	793.60	338.79	3,960.25	3,864.98	95.27	41.567		
11,600.00	7,134.46	6,777.00	6,585.45	135.99	32.25	70.36	793.60	338.79	4,052.21	3,956.94	95.26	42.536		
11,700.00	7,134.70	6,736.59	6,545.69	138.75	32.11	69.01	793.73	331.59	4,143.31	4,048.14	95.17	43.536		
11,800.00	7,134.94	6,734.26	6,543.40	141.51	32.10	68.93	793.73	331.24	4,235.85	4,140.69	95.15	44.516		
11,900.00	7,135.18	6,732.04	6,541.19	144.27	32.09	68.86	793.73	330.92	4,328.70	4,233.56	95.14	45.499		
12,000.00	7,135.42	6,729.91	6,539.09	147.03	32.09	68.79	793.73	330.62	4,421.86	4,326.74	95.12	46.487		
12,100.00	7,135.66	6,727.87	6,537.06	149.80	32.08	68.72	793.72	330.33	4,515.31	4,420.21	95.10	47.478		
12,200.00	7,135.90	6,725.91	6,535.12	152.58	32.07	68.65	793.72	330.07	4,609.03	4,513.95	95.08	48.473		
12,300.00	7,136.14	6,724.03	6,533.26	155.35	32.07	68.59	793.72	329.82	4,703.00	4,607.93	95.07	49.471		
12,400.00	7,136.38	6,722.22	6,531.46	158.13	32.06	68.53	793.72	329.58	4,797.21	4,702.16	95.05	50.472		
12,500.00	7,136.62	6,682.00	6,491.46	160.91	31.92	67.20	793.52	325.49	4,892.75	4,797.82	94.94	51.538		
12,600.00	7,136.86	6,682.00	6,491.46	163.70	31.92	67.20	793.52	325.49	4,987.30	4,892.38	94.92	52.540		
12,700.00	7,137.10	6,682.00	6,491.46	166.48	31.92	67.20	793.52	325.49	5,082.07	4,987.15	94.91	53.545		
12,800.00	7,137.34	6,682.00	6,491.46	169.27	31.92	67.20	793.52	325.49	5,177.02	5,082.12	94.90	54.553		
12,900.00	7,137.58	6,682.00	6,491.46	172.06	31.92	67.20	793.52	325.49	5,272.17	5,177.28	94.89	55.562		
13,000.00	7,137.82	6,682.00	6,491.46	174.86	31.92	67.20	793.52	325.49	5,367.49	5,272.61	94.88	56.573		
13,100.00	7,138.06	6,682.00	6,491.46	177.65	31.92	67.20	793.52	325.49	5,462.98	5,368.11	94.87	57.586		
13,200.00	7,138.30	6,682.00	6,491.46	180.45	31.92	67.20	793.52	325.49	5,558.63	5,463.77	94.86	58.600		
13,300.00	7,138.54	6,682.00	6,491.46	183.25	31.92	67.20	793.52	325.49	5,654.42	5,559.58	94.85	59.616		
13,400.00	7,138.78	6,682.00	6,491.46	186.05	31.92	67.20	793.52	325.49	5,750.36	5,655.52	94.84	60.633		
13,500.00	7,139.02	6,682.00	6,491.46	188.85	31.92	67.20	793.52	325.49	5,846.44	5,751.61	94.83	61.651		
13,600.00	7,139.25	6,682.00	6,491.46	191.65	31.92	67.20	793.52	325.49	5,942.65	5,847.82	94.82	62.670		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,700.00	7,139.49	6,682.00	6,491.46	194.46	31.92	67.20	793.52	325.49	6,038.98	5,944.16	94.82	63.690		
13,800.00	7,139.73	6,682.00	6,491.46	197.27	31.92	67.20	793.52	325.49	6,135.42	6,040.61	94.81	64.710		
13,900.00	7,139.97	6,682.00	6,491.46	200.08	31.92	67.20	793.52	325.49	6,231.98	6,137.17	94.81	65.732		
14,000.00	7,140.21	6,682.00	6,491.46	202.89	31.92	67.20	793.52	325.49	6,328.65	6,233.84	94.81	66.753		
14,100.00	7,140.45	6,682.00	6,491.46	205.70	31.92	67.20	793.52	325.49	6,425.42	6,330.61	94.80	67.776		
14,200.00	7,140.69	6,682.00	6,491.46	208.51	31.92	67.20	793.52	325.49	6,522.28	6,427.48	94.80	68.798		
14,300.00	7,140.93	6,682.00	6,491.46	211.32	31.92	67.20	793.52	325.49	6,619.24	6,524.44	94.80	69.821		
14,400.00	7,141.17	6,682.00	6,491.46	214.14	31.92	67.20	793.52	325.49	6,716.29	6,621.48	94.80	70.844		
14,500.00	7,141.41	6,682.00	6,491.46	216.95	31.92	67.20	793.52	325.49	6,813.42	6,718.61	94.81	71.867		
14,600.00	7,141.65	6,682.00	6,491.46	219.77	31.92	67.20	793.52	325.49	6,910.64	6,815.83	94.81	72.890		
14,700.00	7,141.89	6,682.00	6,491.46	222.59	31.92	67.20	793.52	325.49	7,007.93	6,913.12	94.81	73.913		
14,800.00	7,142.13	6,682.00	6,491.46	225.41	31.92	67.20	793.52	325.49	7,105.30	7,010.48	94.82	74.936		
14,900.00	7,142.37	6,682.00	6,491.46	228.23	31.92	67.20	793.52	325.49	7,202.74	7,107.91	94.83	75.958		
15,000.00	7,142.61	6,682.00	6,491.46	231.05	31.92	67.20	793.52	325.49	7,300.25	7,205.42	94.83	76.980		
15,100.00	7,142.85	6,682.00	6,491.46	233.87	31.92	67.20	793.52	325.49	7,397.82	7,302.98	94.84	78.002		
15,200.00	7,143.09	6,682.00	6,491.46	236.69	31.92	67.20	793.52	325.49	7,495.47	7,400.61	94.85	79.024		
15,300.00	7,143.33	6,682.00	6,491.46	239.52	31.92	67.20	793.52	325.49	7,593.17	7,498.31	94.86	80.045		
15,400.00	7,143.57	6,682.00	6,491.46	242.34	31.92	67.20	793.52	325.49	7,690.93	7,596.05	94.87	81.065		
15,500.00	7,143.81	6,682.00	6,491.46	245.17	31.92	67.20	793.52	325.49	7,788.75	7,693.86	94.89	82.085		
15,600.00	7,144.05	6,682.00	6,491.46	247.99	31.92	67.20	793.52	325.49	7,886.62	7,791.72	94.90	83.105		
15,700.00	7,144.29	6,682.00	6,491.46	250.82	31.92	67.20	793.52	325.49	7,984.54	7,889.63	94.91	84.124		
15,800.00	7,144.53	6,682.00	6,491.46	253.64	31.92	67.20	793.52	325.49	8,082.52	7,987.59	94.93	85.141		
15,900.00	7,144.76	6,682.00	6,491.46	256.47	31.92	67.20	793.52	325.49	8,180.54	8,085.60	94.95	86.159		
16,000.00	7,145.00	6,682.00	6,491.46	259.30	31.92	67.20	793.52	325.49	8,278.62	8,183.65	94.97	87.175		
16,100.00	7,145.24	6,682.00	6,491.46	262.13	31.92	67.20	793.52	325.49	8,376.73	8,281.75	94.98	88.191		
16,200.00	7,145.48	6,682.00	6,491.46	264.96	31.92	67.20	793.52	325.49	8,474.89	8,379.89	95.00	89.205		
16,300.00	7,145.72	6,682.00	6,491.46	267.79	31.92	67.20	793.52	325.49	8,573.10	8,478.07	95.03	90.219		
16,400.00	7,145.96	6,682.00	6,491.46	270.62	31.92	67.20	793.52	325.49	8,671.34	8,576.30	95.05	91.232		
16,500.00	7,146.20	6,682.00	6,491.46	273.45	31.92	67.20	793.52	325.49	8,769.63	8,674.56	95.07	92.243		
16,600.00	7,146.44	6,682.00	6,491.46	276.28	31.92	67.20	793.52	325.49	8,867.95	8,772.86	95.09	93.254		
16,700.00	7,146.68	6,682.00	6,491.46	279.12	31.92	67.20	793.52	325.49	8,966.31	8,871.19	95.12	94.264		
16,800.00	7,146.92	6,682.00	6,491.46	281.95	31.92	67.20	793.52	325.49	9,064.71	8,969.56	95.15	95.272		
16,900.00	7,147.16	6,682.00	6,491.46	284.78	31.92	67.20	793.52	325.49	9,163.14	9,067.97	95.17	96.279		
17,000.00	7,147.40	6,682.00	6,491.46	287.62	31.92	67.20	793.52	325.49	9,261.60	9,166.40	95.20	97.285		
17,100.00	7,147.64	6,682.00	6,491.46	290.45	31.92	67.20	793.52	325.49	9,360.10	9,264.87	95.23	98.290		
17,200.00	7,147.88	6,682.00	6,491.46	293.28	31.92	67.20	793.52	325.49	9,458.63	9,363.37	95.26	99.294		
17,300.00	7,148.12	6,682.00	6,491.46	296.12	31.92	67.20	793.52	325.49	9,557.19	9,461.90	95.29	100.296		
17,400.00	7,148.36	6,682.00	6,491.46	298.95	31.92	67.20	793.52	325.49	9,655.78	9,560.46	95.32	101.297		
17,500.00	7,148.60	6,682.00	6,491.46	301.79	31.92	67.20	793.52	325.49	9,754.40	9,659.04	95.35	102.297		
17,600.00	7,148.84	6,682.00	6,491.46	304.63	31.92	67.20	793.52	325.49	9,853.04	9,757.65	95.39	103.295		
17,700.00	7,149.08	6,682.00	6,491.46	307.46	31.92	67.20	793.52	325.49	9,951.71	9,856.29	95.42	104.292		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	145.22	-727.88	505.60	886.32					
100.00	100.00	89.46	89.46	3.28	3.29	145.23	-728.00	505.38	886.23	879.65	6.57	134.878		
200.00	200.00	190.28	190.27	3.34	3.31	145.29	-728.43	504.62	886.14	879.49	6.65	133.239		
300.00	299.98	281.99	281.98	3.44	3.39	25.41	-728.93	503.74	884.50	877.67	6.84	129.389		
400.00	399.84	353.00	352.96	3.60	3.49	25.60	-730.99	503.82	882.22	875.13	7.09	124.382		
500.00	499.45	432.53	432.33	3.80	3.62	25.98	-735.78	504.18	879.61	872.17	7.44	118.229		
600.00	598.70	508.23	507.74	4.04	3.78	26.50	-742.55	504.52	876.37	868.52	7.86	111.544		
700.00	697.47	587.96	586.94	4.33	3.97	27.16	-751.61	505.79	872.75	864.41	8.34	104.635		
800.00	795.62	668.44	666.66	4.65	4.18	27.97	-762.51	507.19	868.20	859.31	8.88	97.743		
865.50	859.53	719.04	716.60	4.89	4.33	28.59	-770.56	507.96	864.94	855.68	9.26	93.393		
900.00	893.10	745.04	742.21	5.02	4.41	28.92	-775.10	508.31	863.36	853.90	9.47	91.189		
1,000.00	990.42	821.00	816.63	5.41	4.66	29.96	-790.25	508.82	860.90	850.81	10.09	85.321		
1,037.57	1,026.98	850.17	845.07	5.57	4.77	30.40	-796.73	508.81	860.73	850.40	10.34	83.257 CC, ES		
1,100.00	1,087.73	901.50	894.97	5.83	4.96	31.21	-808.79	508.46	861.19	850.43	10.76	80.058		
1,200.00	1,185.05	979.92	970.70	6.27	5.27	32.55	-829.03	506.93	864.00	852.56	11.45	75.479		
1,300.00	1,282.36	1,064.02	1,051.26	6.72	5.62	34.12	-853.03	504.11	869.51	857.33	12.18	71.396		
1,400.00	1,379.67	1,153.66	1,136.88	7.18	6.02	35.78	-879.39	501.24	876.80	863.85	12.95	67.695		
1,500.00	1,476.99	1,247.68	1,226.50	7.65	6.46	37.52	-907.63	497.92	885.46	871.70	13.76	64.328		
1,600.00	1,574.30	1,339.16	1,313.75	8.13	6.90	39.16	-935.00	495.18	895.07	880.49	14.59	61.368		
1,700.00	1,671.61	1,430.73	1,400.76	8.62	7.35	40.82	-963.32	491.73	906.28	890.86	15.42	58.762		
1,800.00	1,768.93	1,527.72	1,492.63	9.11	7.85	42.69	-993.82	485.77	918.31	902.01	16.31	56.320		
1,900.00	1,866.24	1,626.95	1,586.56	9.60	8.36	44.61	-1,025.01	478.52	931.10	913.88	17.22	54.084		
2,000.00	1,963.56	1,726.38	1,680.99	10.10	8.88	46.44	-1,055.43	471.91	944.17	926.03	18.14	52.052		
2,100.00	2,060.87	1,833.02	1,782.43	10.61	9.44	48.31	-1,087.66	465.52	957.94	938.83	19.12	50.112		
2,200.00	2,158.18	1,946.56	1,891.33	11.11	10.04	50.16	-1,119.28	459.68	970.19	950.05	20.14	48.169		
2,300.00	2,255.50	2,052.10	1,992.91	11.62	10.59	51.79	-1,147.45	454.80	982.13	961.01	21.12	46.496		
2,400.00	2,352.81	2,161.48	2,098.57	12.13	11.15	53.42	-1,175.37	450.03	993.61	971.48	22.13	44.894		
2,500.00	2,450.13	2,254.93	2,188.93	12.65	11.63	54.78	-1,198.79	445.76	1,005.26	982.21	23.05	43.611		
2,600.00	2,547.44	2,329.95	2,261.26	13.16	12.03	55.84	-1,218.45	442.73	1,018.66	994.80	23.85	42.706		
2,700.00	2,644.75	2,455.30	2,382.22	13.68	12.68	57.52	-1,251.07	438.39	1,032.55	1,007.55	24.99	41.312		
2,800.00	2,742.07	2,536.36	2,460.55	14.20	13.11	58.56	-1,271.75	435.83	1,046.30	1,020.46	25.84	40.490		
2,900.00	2,839.38	2,624.31	2,545.40	14.71	13.57	59.62	-1,294.81	433.89	1,061.28	1,034.55	26.74	39.695		
3,000.00	2,936.70	2,701.70	2,619.80	15.23	13.99	60.52	-1,316.06	432.34	1,077.93	1,050.38	27.55	39.121		
3,100.00	3,034.01	2,812.20	2,725.86	15.76	14.58	61.82	-1,346.87	429.13	1,095.53	1,066.90	28.63	38.266		
3,200.00	3,131.32	2,890.29	2,800.85	16.28	15.01	62.75	-1,368.48	426.19	1,113.37	1,083.91	29.45	37.800		
3,300.00	3,228.64	2,975.59	2,882.42	16.80	15.48	63.76	-1,393.13	422.30	1,132.95	1,102.62	30.34	37.345		
3,400.00	3,325.95	3,100.08	3,001.64	17.32	16.16	65.17	-1,428.54	416.95	1,152.60	1,121.05	31.55	36.532		
3,500.00	3,423.26	3,179.86	3,078.24	17.85	16.59	66.05	-1,450.57	413.59	1,171.70	1,139.31	32.39	36.172		
3,600.00	3,520.58	3,272.03	3,166.53	18.37	17.10	67.04	-1,476.71	409.52	1,191.97	1,158.63	33.34	35.752		
3,700.00	3,617.89	3,399.66	3,289.35	18.90	17.79	68.33	-1,511.07	404.85	1,210.94	1,176.35	34.59	35.013		
3,800.00	3,715.21	3,470.00	3,357.02	19.43	18.17	69.02	-1,530.09	402.23	1,230.48	1,195.13	35.35	34.807		
3,900.00	3,812.52	3,592.35	3,474.83	19.95	18.83	70.17	-1,562.81	397.93	1,249.94	1,213.38	36.56	34.190		
4,000.00	3,909.83	3,681.08	3,560.35	20.48	19.31	70.94	-1,586.35	395.91	1,269.29	1,231.81	37.48	33.863		
4,100.00	4,007.15	3,764.01	3,640.10	21.01	19.77	71.62	-1,609.06	394.07	1,289.72	1,251.36	38.36	33.623		
4,200.00	4,104.46	3,841.31	3,714.14	21.53	20.19	72.24	-1,631.18	392.27	1,311.61	1,272.43	39.18	33.477		
4,300.00	4,201.78	3,929.30	3,798.14	22.06	20.69	72.90	-1,657.32	390.36	1,334.72	1,294.62	40.10	33.284		
4,400.00	4,299.09	4,023.20	3,887.66	22.59	21.22	73.58	-1,685.60	388.50	1,358.37	1,317.29	41.08	33.065		
4,500.00	4,396.40	4,110.44	3,970.73	23.12	21.71	74.18	-1,712.18	386.84	1,382.53	1,340.53	42.00	32.918		
4,600.00	4,493.72	4,200.99	4,056.80	23.65	22.23	74.77	-1,740.27	385.12	1,407.39	1,364.44	42.95	32.768		
4,700.00	4,591.03	4,310.41	4,160.89	24.18	22.85	75.48	-1,773.90	382.72	1,432.23	1,388.14	44.09	32.482		
4,800.00	4,688.34	4,421.68	4,267.14	24.71	23.48	76.19	-1,806.87	380.47	1,456.12	1,410.87	45.25	32.180		
4,900.00	4,785.66	4,501.90	4,343.81	25.24	23.93	76.73	-1,830.32	377.65	1,480.24	1,434.14	46.10	32.109		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 166-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,882.97	4,605.09	4,442.46	25.77	24.51	77.47	-1,860.10	372.30	1,504.79	1,457.61	47.18	31.895		
5,100.00	4,980.29	4,718.33	4,551.03	26.30	25.13	78.28	-1,891.71	366.20	1,528.74	1,480.39	48.35	31.617		
5,200.00	5,077.60	4,845.68	4,673.85	26.83	25.82	79.17	-1,924.78	360.14	1,550.72	1,501.07	49.64	31.239		
5,300.00	5,174.91	4,926.69	4,751.99	27.36	26.26	79.74	-1,945.66	355.64	1,573.12	1,522.62	50.51	31.147		
5,400.00	5,272.23	5,036.81	4,858.37	27.89	26.85	80.52	-1,973.34	348.93	1,595.36	1,543.73	51.63	30.897		
5,500.00	5,369.54	5,128.70	4,947.11	28.42	27.34	81.14	-1,996.63	343.85	1,617.81	1,565.22	52.60	30.758		
5,600.00	5,466.86	5,231.00	5,045.96	28.95	27.89	81.81	-2,022.39	338.23	1,640.30	1,586.64	53.66	30.570		
5,700.00	5,564.17	5,327.03	5,182.49	29.48	28.65	82.63	-2,057.30	332.80	1,662.11	1,607.07	55.05	30.195		
5,800.00	5,661.48	5,597.36	5,403.58	30.01	29.75	83.95	-2,100.30	328.74	1,677.30	1,620.40	56.90	29.478		
5,900.00	5,758.80	5,756.20	5,560.75	30.54	30.48	84.87	-2,123.17	328.78	1,688.35	1,630.18	58.17	29.023		
6,000.00	5,856.11	5,907.81	5,711.60	31.07	31.13	85.86	-2,138.11	327.67	1,695.69	1,636.36	59.33	28.580		
6,100.00	5,953.43	6,028.79	5,832.25	31.61	31.63	86.74	-2,146.74	325.33	1,701.61	1,641.25	60.36	28.192		
6,200.00	6,050.74	6,142.82	5,946.07	32.14	32.09	87.58	-2,153.48	323.46	1,706.60	1,645.24	61.36	27.814		
6,300.00	6,148.05	6,310.04	6,113.17	32.67	32.74	88.82	-2,158.93	322.26	1,708.99	1,646.58	62.41	27.383		
6,400.00	6,245.37	6,399.50	6,202.62	33.20	33.07	89.51	-2,160.12	321.59	1,710.24	1,646.88	63.35	26.996		
6,500.00	6,342.68	7,944.33	7,096.30	33.73	39.08	67.95	-2,164.74	1,166.38	1,663.95	1,604.65	59.31	28.057		
6,520.81	6,362.93	7,947.92	7,096.25	33.85	39.13	67.81	-2,164.82	1,169.97	1,652.67	1,592.81	59.86	27.609		
6,550.00	6,391.46	7,952.35	7,096.19	34.00	39.20	59.65	-2,164.93	1,174.40	1,637.08	1,576.45	60.63	27.002		
6,600.00	6,440.79	7,957.12	7,096.12	34.23	39.28	37.80	-2,165.04	1,179.17	1,611.08	1,549.18	61.90	26.029		
6,650.00	6,490.44	7,958.31	7,096.11	34.43	39.30	-0.02	-2,165.07	1,180.35	1,586.14	1,523.05	63.08	25.143		
6,700.00	6,540.10	7,955.88	7,096.14	34.60	39.26	-38.48	-2,165.01	1,177.93	1,562.48	1,498.29	64.19	24.342		
6,750.00	6,589.46	7,949.86	7,096.23	34.76	39.16	-60.32	-2,164.87	1,171.90	1,540.31	1,475.09	65.21	23.620		
6,800.00	6,638.22	7,940.26	7,096.36	34.92	39.01	-72.02	-2,164.64	1,162.31	1,519.76	1,453.61	66.15	22.974		
6,850.00	6,686.09	7,927.15	7,096.55	35.07	38.80	-79.02	-2,164.35	1,149.20	1,500.98	1,433.98	67.00	22.403		
6,900.00	6,732.75	7,921.00	7,096.64	35.24	38.71	-83.98	-2,164.21	1,143.06	1,484.07	1,416.19	67.88	21.863		
6,950.00	6,777.94	7,901.33	7,096.94	35.42	38.42	-87.08	-2,163.86	1,123.39	1,469.10	1,400.53	68.57	21.425		
7,000.00	6,821.36	7,886.28	7,097.17	35.61	38.20	-89.48	-2,163.72	1,108.35	1,456.19	1,386.94	69.25	21.028		
7,050.00	6,862.75	7,869.20	7,097.43	35.83	37.96	-91.19	-2,163.68	1,091.26	1,445.35	1,375.50	69.85	20.692		
7,100.00	6,901.85	7,850.18	7,097.74	36.06	37.69	-92.38	-2,163.80	1,072.25	1,436.58	1,366.21	70.37	20.414		
7,150.00	6,938.43	7,833.36	7,098.02	36.32	37.43	-93.26	-2,164.03	1,055.43	1,429.85	1,358.99	70.86	20.179		
7,200.00	6,972.26	7,784.41	7,098.72	36.61	36.81	-93.00	-2,164.97	1,006.49	1,424.86	1,353.84	71.03	20.061		
7,250.00	7,003.13	7,732.83	7,099.08	36.93	36.19	-92.56	-2,165.57	954.92	1,421.02	1,349.89	71.13	19.978		
7,300.00	7,030.85	7,687.71	7,099.14	37.29	35.99	-92.20	-2,165.86	909.80	1,418.26	1,346.91	71.35	19.878		
7,350.00	7,055.25	7,640.99	7,099.03	37.68	35.98	-91.74	-2,166.06	863.08	1,416.51	1,344.98	71.52	19.805		
7,400.00	7,076.17	7,589.27	7,098.17	38.12	35.98	-91.16	-2,166.13	811.38	1,415.58	1,343.83	71.75	19.729		
7,450.00	7,093.50	7,529.47	7,095.23	38.60	35.98	-90.45	-2,165.94	751.64	1,415.28	1,343.32	71.96	19.668		
7,500.00	7,107.11	7,413.00	7,081.17	39.11	35.97	-88.86	-2,161.74	636.17	1,414.00	1,341.95	72.05	19.626		
7,550.00	7,116.94	7,384.10	7,074.74	39.66	35.94	-88.59	-2,160.15	608.05	1,412.67	1,340.11	72.56	19.468		
7,576.44	7,120.58	7,370.81	7,070.81	39.97	35.93	-88.42	-2,159.56	595.38	1,412.49	1,339.65	72.85	19.390		
7,600.00	7,122.91	7,359.25	7,066.90	40.24	35.92	-88.22	-2,159.13	584.50	1,412.64	1,339.54	73.09	19.326		
7,650.18	7,125.00	7,320.00	7,050.34	40.85	35.89	-87.42	-2,158.18	548.97	1,414.07	1,340.45	73.62	19.209		
7,700.00	7,125.12	7,320.00	7,050.34	41.48	35.89	-87.42	-2,158.18	548.97	1,416.37	1,342.19	74.18	19.094		
7,800.00	7,125.36	7,262.70	7,017.58	42.88	35.79	-86.10	-2,157.78	502.09	1,424.22	1,348.77	75.44	18.878		
7,900.00	7,125.60	7,224.00	6,990.30	44.42	35.73	-85.00	-2,157.91	474.68	1,436.77	1,359.99	76.78	18.713		
8,000.00	7,125.84	7,174.94	6,951.93	46.10	35.61	-83.47	-2,158.09	444.15	1,454.13	1,375.97	78.16	18.605		
8,100.00	7,126.08	7,145.44	6,927.61	47.89	35.53	-82.50	-2,158.17	427.44	1,476.44	1,396.91	79.53	18.566 SF		
8,200.00	7,126.32	7,121.00	6,906.90	49.79	35.46	-81.68	-2,158.47	414.47	1,504.13	1,423.27	80.85	18.603		
8,300.00	7,126.56	7,099.39	6,888.18	51.79	35.41	-80.95	-2,158.92	403.68	1,537.06	1,454.94	82.12	18.717		
8,400.00	7,126.80	7,074.00	6,865.74	53.86	35.34	-80.07	-2,159.66	391.83	1,575.08	1,491.77	83.30	18.907		
8,500.00	7,127.04	7,074.00	6,865.74	56.00	35.34	-80.07	-2,159.66	391.83	1,617.91	1,533.51	84.40	19.169		
8,600.00	7,127.28	7,037.13	6,832.37	58.21	35.23	-78.79	-2,160.79	376.22	1,664.85	1,579.46	85.39	19.497		
8,689.38	7,127.49	7,020.51	6,817.04	60.24	35.18	-78.20	-2,161.23	369.80	1,710.39	1,624.20	86.19	19.844		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,700.00	7,127.52	7,018.67	6,815.33	60.48	35.18	-78.16	-2,161.27	369.11	1,715.99	1,629.71	86.28	19.889		
8,800.00	7,127.76	7,002.47	6,800.23	62.79	35.13	-77.85	-2,161.65	363.28	1,769.25	1,682.17	87.08	20.319		
8,841.07	7,127.85	6,979.00	6,778.09	63.74	35.06	-77.14	-2,162.11	355.49	1,791.57	1,704.22	87.35	20.510		
8,900.00	7,128.00	6,979.00	6,778.09	65.12	35.06	-77.14	-2,162.11	355.49	1,823.90	1,736.13	87.77	20.781		
9,000.00	7,128.23	6,979.00	6,778.09	67.50	35.06	-77.14	-2,162.11	355.49	1,881.71	1,793.31	88.40	21.286		
9,100.00	7,128.47	6,979.00	6,778.09	69.91	35.06	-77.14	-2,162.11	355.49	1,942.96	1,854.01	88.95	21.844		
9,200.00	7,128.71	6,979.00	6,778.09	72.35	35.06	-77.14	-2,162.11	355.49	2,007.32	1,917.91	89.41	22.450		
9,300.00	7,128.95	6,945.99	6,746.52	74.83	34.95	-75.98	-2,162.65	345.91	2,073.69	1,983.90	89.79	23.095		
9,400.00	7,129.19	6,937.92	6,738.72	77.33	34.93	-75.69	-2,162.76	343.81	2,142.97	2,052.84	90.12	23.778		
9,500.00	7,129.43	6,930.56	6,731.59	79.86	34.90	-75.43	-2,162.85	341.99	2,214.51	2,124.11	90.40	24.496		
9,600.00	7,129.67	6,923.82	6,725.04	82.41	34.88	-75.20	-2,162.93	340.38	2,288.11	2,197.47	90.64	25.245		
9,700.00	7,129.91	6,917.62	6,719.01	84.97	34.86	-74.98	-2,163.01	338.97	2,363.59	2,272.76	90.83	26.022		
9,800.00	7,130.15	6,886.00	6,688.03	87.56	34.76	-73.86	-2,163.30	332.67	2,441.31	2,350.36	90.95	26.842		
9,900.00	7,130.39	6,886.00	6,688.03	90.16	34.76	-73.86	-2,163.30	332.67	2,519.86	2,428.77	91.09	27.663		
10,000.00	7,130.63	6,886.00	6,688.03	92.78	34.76	-73.86	-2,163.30	332.67	2,599.89	2,508.69	91.20	28.507		
10,100.00	7,130.87	6,886.00	6,688.03	95.41	34.76	-73.86	-2,163.30	332.67	2,681.26	2,589.97	91.29	29.371		
10,200.00	7,131.11	6,886.00	6,688.03	98.06	34.76	-73.86	-2,163.30	332.67	2,763.85	2,672.49	91.36	30.253		
10,300.00	7,131.35	6,886.00	6,688.03	100.71	34.76	-73.86	-2,163.30	332.67	2,847.56	2,756.15	91.41	31.152		
10,400.00	7,131.59	6,886.00	6,688.03	103.38	34.76	-73.86	-2,163.30	332.67	2,932.29	2,840.84	91.45	32.066		
10,500.00	7,131.83	6,886.00	6,688.03	106.06	34.76	-73.86	-2,163.30	332.67	3,017.95	2,926.48	91.47	32.994		
10,600.00	7,132.07	6,886.00	6,688.03	108.74	34.76	-73.86	-2,163.30	332.67	3,104.47	3,012.99	91.48	33.935		
10,700.00	7,132.31	6,886.00	6,688.03	111.44	34.76	-73.86	-2,163.30	332.67	3,191.78	3,100.29	91.49	34.887		
10,800.00	7,132.55	6,886.00	6,688.03	114.14	34.76	-73.86	-2,163.30	332.67	3,279.81	3,188.33	91.49	35.850		
10,900.00	7,132.79	6,855.54	6,657.97	116.85	34.66	-72.79	-2,163.33	327.72	3,368.11	3,276.65	91.46	36.827		
11,000.00	7,133.03	6,850.71	6,653.19	119.57	34.64	-72.62	-2,163.30	327.00	3,457.29	3,365.84	91.44	37.809		
11,100.00	7,133.27	6,846.13	6,648.67	122.29	34.62	-72.46	-2,163.25	326.35	3,547.02	3,455.60	91.42	38.798		
11,200.00	7,133.51	6,841.80	6,644.38	125.02	34.61	-72.31	-2,163.21	325.74	3,637.28	3,545.87	91.40	39.794		
11,300.00	7,133.74	6,837.70	6,640.31	127.76	34.60	-72.16	-2,163.16	325.18	3,728.01	3,636.63	91.38	40.797		
11,400.00	7,133.98	6,833.80	6,636.45	130.50	34.58	-72.03	-2,163.10	324.66	3,819.20	3,727.84	91.35	41.807		
11,500.00	7,134.22	6,830.09	6,632.77	133.24	34.57	-71.90	-2,163.04	324.18	3,910.80	3,819.47	91.33	42.822		
11,600.00	7,134.46	6,826.56	6,629.27	135.99	34.56	-71.77	-2,162.98	323.73	4,002.80	3,911.50	91.30	43.842		
11,700.00	7,134.70	6,792.00	6,594.94	138.75	34.44	-70.56	-2,162.07	319.91	4,095.59	4,004.37	91.22	44.897		
11,800.00	7,134.94	6,792.00	6,594.94	141.51	34.44	-70.56	-2,162.07	319.91	4,188.20	4,097.00	91.20	45.923		
11,900.00	7,135.18	6,792.00	6,594.94	144.27	34.44	-70.56	-2,162.07	319.91	4,281.15	4,189.97	91.18	46.953		
12,000.00	7,135.42	6,792.00	6,594.94	147.03	34.44	-70.56	-2,162.07	319.91	4,374.41	4,283.26	91.16	47.987		
12,100.00	7,135.66	6,792.00	6,594.94	149.80	34.44	-70.56	-2,162.07	319.91	4,467.96	4,376.83	91.14	49.025		
12,200.00	7,135.90	6,792.00	6,594.94	152.58	34.44	-70.56	-2,162.07	319.91	4,561.79	4,470.67	91.12	50.066		
12,300.00	7,136.14	6,792.00	6,594.94	155.35	34.44	-70.56	-2,162.07	319.91	4,655.87	4,564.78	91.09	51.110		
12,400.00	7,136.38	6,792.00	6,594.94	158.13	34.44	-70.56	-2,162.07	319.91	4,750.20	4,659.12	91.08	52.157		
12,500.00	7,136.62	6,792.00	6,594.94	160.91	34.44	-70.56	-2,162.07	319.91	4,844.75	4,753.69	91.06	53.206		
12,600.00	7,136.86	6,792.00	6,594.94	163.70	34.44	-70.56	-2,162.07	319.91	4,939.51	4,848.47	91.04	54.257		
12,700.00	7,137.10	6,792.00	6,594.94	166.48	34.44	-70.56	-2,162.07	319.91	5,034.48	4,943.46	91.02	55.310		
12,800.00	7,137.34	6,792.00	6,594.94	169.27	34.44	-70.56	-2,162.07	319.91	5,129.64	5,038.63	91.01	56.366		
12,900.00	7,137.58	6,792.00	6,594.94	172.06	34.44	-70.56	-2,162.07	319.91	5,224.98	5,133.99	90.99	57.422		
13,000.00	7,137.82	6,792.00	6,594.94	174.86	34.44	-70.56	-2,162.07	319.91	5,320.49	5,229.51	90.98	58.481		
13,100.00	7,138.06	6,792.00	6,594.94	177.65	34.44	-70.56	-2,162.07	319.91	5,416.17	5,325.20	90.97	59.540		
13,200.00	7,138.30	6,792.00	6,594.94	180.45	34.44	-70.56	-2,162.07	319.91	5,511.99	5,421.04	90.96	60.601		
13,300.00	7,138.54	6,792.00	6,594.94	183.25	34.44	-70.56	-2,162.07	319.91	5,607.97	5,517.02	90.95	61.662		
13,400.00	7,138.78	6,792.00	6,594.94	186.05	34.44	-70.56	-2,162.07	319.91	5,704.08	5,613.14	90.94	62.725		
13,500.00	7,139.02	6,792.00	6,594.94	188.85	34.44	-70.56	-2,162.07	319.91	5,800.32	5,709.39	90.93	63.788		
13,600.00	7,139.25	6,792.00	6,594.94	191.65	34.44	-70.56	-2,162.07	319.91	5,896.69	5,805.76	90.93	64.851		
13,700.00	7,139.49	6,792.00	6,594.94	194.46	34.44	-70.56	-2,162.07	319.91	5,993.18	5,902.25	90.92	65.916		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 166-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,139.73	6,792.00	6,594.94	197.27	34.44	-70.56	-2,162.07	319.91	6,089.78	5,998.86	90.92	66.980		
13,900.00	7,139.97	6,792.00	6,594.94	200.08	34.44	-70.56	-2,162.07	319.91	6,186.49	6,095.57	90.92	68.045		
14,000.00	7,140.21	6,792.00	6,594.94	202.89	34.44	-70.56	-2,162.07	319.91	6,283.30	6,192.38	90.92	69.110		
14,100.00	7,140.45	6,792.00	6,594.94	205.70	34.44	-70.56	-2,162.07	319.91	6,380.21	6,289.29	90.92	70.175		
14,200.00	7,140.69	6,792.00	6,594.94	208.51	34.44	-70.56	-2,162.07	319.91	6,477.21	6,386.29	90.92	71.240		
14,300.00	7,140.93	6,792.00	6,594.94	211.32	34.44	-70.56	-2,162.07	319.91	6,574.30	6,483.38	90.93	72.304		
14,400.00	7,141.17	6,792.00	6,594.94	214.14	34.44	-70.56	-2,162.07	319.91	6,671.48	6,580.55	90.93	73.369		
14,500.00	7,141.41	6,792.00	6,594.94	216.95	34.44	-70.56	-2,162.07	319.91	6,768.74	6,677.81	90.94	74.433		
14,600.00	7,141.65	6,792.00	6,594.94	219.77	34.44	-70.56	-2,162.07	319.91	6,866.08	6,775.14	90.95	75.497		
14,700.00	7,141.89	6,792.00	6,594.94	222.59	34.44	-70.56	-2,162.07	319.91	6,963.50	6,872.55	90.95	76.560		
14,800.00	7,142.13	6,792.00	6,594.94	225.41	34.44	-70.56	-2,162.07	319.91	7,060.99	6,970.02	90.97	77.623		
14,900.00	7,142.37	6,792.00	6,594.94	228.23	34.44	-70.56	-2,162.07	319.91	7,158.54	7,067.57	90.98	78.685		
15,000.00	7,142.61	6,792.00	6,594.94	231.05	34.44	-70.56	-2,162.07	319.91	7,256.17	7,165.18	90.99	79.747		
15,100.00	7,142.85	6,792.00	6,594.94	233.87	34.44	-70.56	-2,162.07	319.91	7,353.86	7,262.85	91.00	80.808		
15,200.00	7,143.09	6,792.00	6,594.94	236.69	34.44	-70.56	-2,162.07	319.91	7,451.60	7,360.58	91.02	81.868		
15,300.00	7,143.33	6,792.00	6,594.94	239.52	34.44	-70.56	-2,162.07	319.91	7,549.41	7,458.38	91.04	82.927		
15,400.00	7,143.57	6,792.00	6,594.94	242.34	34.44	-70.56	-2,162.07	319.91	7,647.28	7,556.22	91.05	83.986		
15,500.00	7,143.81	6,792.00	6,594.94	245.17	34.44	-70.56	-2,162.07	319.91	7,745.20	7,654.12	91.07	85.043		
15,600.00	7,144.05	6,792.00	6,594.94	247.99	34.44	-70.56	-2,162.07	319.91	7,843.17	7,752.07	91.09	86.100		
15,700.00	7,144.29	6,792.00	6,594.94	250.82	34.44	-70.56	-2,162.07	319.91	7,941.19	7,850.07	91.12	87.155		
15,800.00	7,144.53	6,792.00	6,594.94	253.64	34.44	-70.56	-2,162.07	319.91	8,039.26	7,948.12	91.14	88.209		
15,900.00	7,144.76	6,792.00	6,594.94	256.47	34.44	-70.56	-2,162.07	319.91	8,137.38	8,046.22	91.16	89.263		
16,000.00	7,145.00	6,792.00	6,594.94	259.30	34.44	-70.56	-2,162.07	319.91	8,235.54	8,144.35	91.19	90.315		
16,100.00	7,145.24	6,792.00	6,594.94	262.13	34.44	-70.56	-2,162.07	319.91	8,333.75	8,242.53	91.21	91.365		
16,200.00	7,145.48	6,792.00	6,594.94	264.96	34.44	-70.56	-2,162.07	319.91	8,432.00	8,340.76	91.24	92.415		
16,300.00	7,145.72	6,792.00	6,594.94	267.79	34.44	-70.56	-2,162.07	319.91	8,530.29	8,439.02	91.27	93.463		
16,400.00	7,145.96	6,792.00	6,594.94	270.62	34.44	-70.56	-2,162.07	319.91	8,628.62	8,537.32	91.30	94.510		
16,500.00	7,146.20	6,792.00	6,594.94	273.45	34.44	-70.56	-2,162.07	319.91	8,726.98	8,635.65	91.33	95.556		
16,600.00	7,146.44	6,792.00	6,594.94	276.28	34.44	-70.56	-2,162.07	319.91	8,825.39	8,734.03	91.36	96.600		
16,700.00	7,146.68	6,792.00	6,594.94	279.12	34.44	-70.56	-2,162.07	319.91	8,923.83	8,832.43	91.39	97.642		
16,800.00	7,146.92	6,792.00	6,594.94	281.95	34.44	-70.56	-2,162.07	319.91	9,022.30	8,930.87	91.43	98.683		
16,900.00	7,147.16	6,792.00	6,594.94	284.78	34.44	-70.56	-2,162.07	319.91	9,120.81	9,029.34	91.46	99.723		
17,000.00	7,147.40	6,792.00	6,594.94	287.62	34.44	-70.56	-2,162.07	319.91	9,219.34	9,127.85	91.50	100.761		
17,100.00	7,147.64	6,792.00	6,594.94	290.45	34.44	-70.56	-2,162.07	319.91	9,317.91	9,226.38	91.53	101.797		
17,200.00	7,147.88	6,792.00	6,594.94	293.28	34.44	-70.56	-2,162.07	319.91	9,416.51	9,324.94	91.57	102.832		
17,300.00	7,148.12	6,792.00	6,594.94	296.12	34.44	-70.56	-2,162.07	319.91	9,515.14	9,423.53	91.61	103.865		
17,400.00	7,148.36	6,792.00	6,594.94	298.95	34.44	-70.56	-2,162.07	319.91	9,613.80	9,522.15	91.65	104.897		
17,500.00	7,148.60	6,792.00	6,594.94	301.79	34.44	-70.56	-2,162.07	319.91	9,712.49	9,620.79	91.69	105.926		
17,600.00	7,148.84	6,792.00	6,594.94	304.63	34.44	-70.56	-2,162.07	319.91	9,811.20	9,719.47	91.73	106.954		
17,700.00	7,149.08	6,792.00	6,594.94	307.46	34.44	-70.56	-2,162.07	319.91	9,909.94	9,818.16	91.78	107.980		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	144.45	-707.85	505.87	870.10					
100.00	100.00	86.77	86.77	3.28	3.29	144.48	-708.22	505.54	870.15	863.57	6.57	132.432		
200.00	200.00	184.24	184.22	3.34	3.31	144.59	-709.54	504.37	870.55	863.90	6.64	131.047		
300.00	299.98	281.61	281.55	3.44	3.34	24.84	-711.79	502.36	869.66	862.88	6.78	128.241		
400.00	399.84	378.73	378.57	3.60	3.39	25.29	-714.98	499.52	865.94	858.96	6.98	124.006		
500.00	499.45	468.99	468.67	3.80	3.47	25.91	-718.98	496.07	859.59	852.32	7.27	118.316		
600.00	598.70	551.84	551.16	4.04	3.61	26.75	-725.29	491.71	852.04	844.39	7.65	111.346		
700.00	697.47	639.79	638.46	4.33	3.80	27.93	-734.18	485.79	843.00	834.87	8.12	103.786		
800.00	795.62	720.93	718.80	4.65	4.00	29.21	-744.04	480.17	832.93	824.28	8.65	96.322		
865.50	859.53	772.17	769.41	4.89	4.15	30.12	-751.26	476.64	826.08	817.06	9.02	91.580		
900.00	893.10	799.05	795.89	5.02	4.23	30.60	-755.41	474.74	822.63	813.41	9.22	89.180		
1,000.00	990.42	874.16	869.71	5.41	4.47	31.97	-768.31	469.61	814.75	804.92	9.84	82.821		
1,100.00	1,087.73	948.77	942.77	5.83	4.72	33.35	-782.86	465.45	810.27	799.79	10.48	77.279		
1,185.63	1,171.06	1,014.15	1,006.59	6.20	4.96	34.52	-796.84	463.00	809.14	798.07	11.07	73.110 CC		
1,200.00	1,185.05	1,025.99	1,018.12	6.27	5.01	34.73	-799.47	462.64	809.17	798.00	11.17	72.438 ES		
1,300.00	1,282.36	1,109.27	1,099.10	6.72	5.33	36.22	-818.80	460.40	810.77	798.89	11.88	68.225		
1,400.00	1,379.67	1,198.28	1,185.40	7.18	5.70	37.80	-840.49	458.46	814.42	801.78	12.64	64.407		
1,500.00	1,476.99	1,293.64	1,277.65	7.65	6.11	39.55	-864.47	455.48	819.29	805.84	13.45	60.897		
1,600.00	1,574.30	1,381.02	1,361.90	8.13	6.50	41.22	-887.35	451.68	825.65	811.40	14.25	57.936		
1,700.00	1,671.61	1,463.00	1,440.53	8.62	6.89	42.83	-910.11	447.49	834.23	819.20	15.04	55.478		
1,800.00	1,768.93	1,553.57	1,527.03	9.11	7.33	44.65	-936.44	442.19	844.90	829.02	15.88	53.209		
1,900.00	1,866.24	1,648.48	1,617.60	9.60	7.81	46.50	-964.27	436.69	856.79	840.03	16.76	51.133		
2,000.00	1,963.56	1,755.85	1,720.38	10.10	8.35	48.46	-994.91	431.60	869.00	851.29	17.72	49.054		
2,100.00	2,060.87	1,866.33	1,826.72	10.61	8.91	50.33	-1,024.56	427.35	880.47	861.77	18.71	47.066		
2,200.00	2,158.18	1,976.13	1,932.93	11.11	9.46	52.04	-1,052.27	424.57	891.21	871.51	19.69	45.253		
2,300.00	2,255.50	2,097.87	2,051.36	11.62	10.05	53.79	-1,080.40	422.81	900.56	879.80	20.75	43.397		
2,400.00	2,352.81	2,219.08	2,170.01	12.13	10.63	55.54	-1,105.00	420.04	907.56	885.76	21.80	41.628		
2,500.00	2,450.13	2,313.20	2,262.37	12.65	11.08	56.87	-1,123.03	418.07	914.02	891.31	22.71	40.244		
2,600.00	2,547.44	2,401.71	2,349.08	13.16	11.51	58.11	-1,140.60	415.99	921.72	898.12	23.60	39.060		
2,700.00	2,644.75	2,500.05	2,445.34	13.68	11.98	59.49	-1,160.59	413.37	930.42	905.87	24.54	37.907		
2,800.00	2,742.07	2,584.44	2,527.84	14.20	12.40	60.69	-1,178.11	410.36	940.14	914.73	25.41	36.993		
2,900.00	2,839.38	2,686.32	2,627.28	14.71	12.91	62.14	-1,199.85	406.31	951.03	924.63	26.40	36.028		
3,000.00	2,936.70	2,785.46	2,724.18	15.23	13.40	63.53	-1,220.42	402.29	961.90	934.53	27.37	35.150		
3,100.00	3,034.01	2,859.46	2,796.35	15.76	13.77	64.53	-1,236.53	399.48	974.30	946.13	28.17	34.589		
3,200.00	3,131.32	2,937.65	2,872.20	16.28	14.17	65.51	-1,255.37	397.08	989.36	960.37	28.99	34.127		
3,300.00	3,228.64	3,054.10	2,984.99	16.80	14.77	66.91	-1,284.18	394.08	1,005.58	975.47	30.11	33.396		
3,400.00	3,325.95	3,186.44	3,114.27	17.32	15.44	68.49	-1,312.15	390.27	1,018.57	987.24	31.33	32.513		
3,500.00	3,423.26	3,262.84	3,188.92	17.85	15.82	69.39	-1,328.28	388.08	1,031.84	999.69	32.15	32.090		
3,600.00	3,520.58	3,394.33	3,317.91	18.37	16.46	70.84	-1,353.63	385.73	1,043.38	1,010.02	33.36	31.280		
3,700.00	3,617.89	3,482.95	3,404.92	18.90	16.90	71.85	-1,370.24	383.20	1,055.26	1,020.99	34.27	30.791		
3,800.00	3,715.21	3,575.62	3,495.83	19.43	17.35	72.85	-1,388.09	381.07	1,067.92	1,032.71	35.22	30.326		
3,900.00	3,812.52	3,662.46	3,580.89	19.95	17.78	73.76	-1,405.47	379.03	1,081.67	1,045.55	36.12	29.948		
4,000.00	3,909.83	3,759.17	3,675.45	20.48	18.27	74.81	-1,425.36	375.35	1,096.69	1,059.60	37.10	29.564		
4,100.00	4,007.15	3,858.44	3,772.80	21.01	18.76	75.86	-1,444.53	371.97	1,110.76	1,072.66	38.09	29.159		
4,200.00	4,104.46	3,923.99	3,836.79	21.53	19.09	76.56	-1,458.42	369.08	1,127.26	1,088.44	38.82	29.037		
4,300.00	4,201.78	3,998.49	3,909.15	22.06	19.48	77.35	-1,475.62	364.82	1,146.34	1,106.73	39.61	28.942		
4,400.00	4,299.09	4,084.60	3,992.46	22.59	19.93	78.21	-1,496.87	360.04	1,167.17	1,126.67	40.50	28.819		
4,500.00	4,396.40	4,175.69	4,080.36	23.12	20.42	78.99	-1,520.49	356.63	1,188.83	1,147.39	41.44	28.688		
4,600.00	4,493.72	4,264.32	4,168.27	23.65	21.25	80.31	-1,558.51	351.83	1,208.80	1,165.80	43.00	28.113		
4,700.00	4,591.03	4,354.17	4,256.81	24.18	21.80	81.23	-1,580.89	349.33	1,225.02	1,180.92	44.10	27.781		
4,800.00	4,688.34	4,444.82	4,344.27	24.71	22.35	82.15	-1,602.45	346.19	1,241.36	1,196.18	45.18	27.476		
4,900.00	4,785.66	4,534.38	4,431.16	25.24	22.81	82.93	-1,619.74	343.55	1,257.03	1,210.90	46.13	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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,882.97	4,726.43	4,618.62	25.77	23.20	83.57	-1,635.34	341.10	1,273.99	1,227.01	46.98	27.119		
5,100.00	4,980.29	4,831.45	4,721.30	26.30	23.73	84.39	-1,657.11	337.56	1,292.22	1,244.18	48.04	26.901		
5,200.00	5,077.60	4,929.29	4,817.16	26.83	24.22	85.11	-1,676.59	335.41	1,309.38	1,260.35	49.03	26.704		
5,300.00	5,174.91	5,004.52	4,890.69	27.36	24.60	85.64	-1,692.32	333.60	1,327.74	1,277.90	49.84	26.640		
5,400.00	5,272.23	5,083.13	4,967.24	27.89	25.01	86.18	-1,710.06	330.95	1,348.09	1,297.42	50.67	26.606		
5,500.00	5,369.54	5,202.47	5,083.50	28.42	25.62	87.02	-1,736.50	326.09	1,368.74	1,316.87	51.87	26.387		
5,600.00	5,466.86	5,423.65	5,301.65	28.95	26.68	88.63	-1,771.95	321.33	1,382.51	1,328.78	53.73	25.730		
5,700.00	5,564.17	5,587.46	5,464.80	29.48	27.39	90.06	-1,785.85	317.05	1,391.05	1,336.07	54.98	25.300		
5,800.00	5,661.48	5,701.83	5,578.98	30.01	27.86	91.08	-1,792.05	315.12	1,396.93	1,340.93	56.00	24.947		
5,900.00	5,758.80	5,834.38	5,711.42	30.54	28.39	92.32	-1,796.70	312.59	1,401.76	1,344.73	57.03	24.577		
6,000.00	5,856.11	5,946.85	5,823.87	31.07	28.83	93.33	-1,798.76	312.59	1,404.46	1,346.45	58.01	24.209		
6,100.00	5,953.43	6,042.82	5,919.79	31.61	29.21	94.14	-1,801.51	313.48	1,407.88	1,348.92	58.96	23.878		
6,200.00	6,050.74	6,143.59	6,020.54	32.14	29.60	94.99	-1,803.88	314.63	1,411.08	1,351.16	59.92	23.550		
6,300.00	6,148.05	6,240.85	6,117.76	32.67	29.99	95.81	-1,806.25	315.48	1,414.81	1,353.94	60.87	23.243		
6,400.00	6,245.37	6,338.79	6,215.67	33.20	30.37	96.64	-1,808.42	316.30	1,418.69	1,356.87	61.82	22.948		
6,500.00	6,342.68	6,444.63	6,321.50	33.73	30.79	97.57	-1,810.16	316.59	1,422.79	1,360.00	62.79	22.660		
6,520.81	6,362.93	6,467.93	6,344.80	33.85	30.88	97.77	-1,810.43	316.71	1,423.58	1,360.59	62.99	22.600		
6,550.00	6,391.46	7,794.00	7,216.97	34.00	36.74	65.69	-1,827.93	1,114.79	1,412.59	1,360.42	52.17	27.078		
6,600.00	6,440.79	7,795.86	7,216.99	34.23	36.76	42.78	-1,828.06	1,116.65	1,379.68	1,326.11	53.57	25.756		
6,650.00	6,490.44	7,799.17	7,217.02	34.43	36.81	3.64	-1,828.30	1,119.95	1,347.49	1,292.52	54.97	24.514		
6,700.00	6,540.10	7,797.72	7,217.01	34.60	36.79	-36.02	-1,828.19	1,118.50	1,316.28	1,259.97	56.31	23.374		
6,750.00	6,589.46	7,794.00	7,216.97	34.76	36.74	-59.05	-1,827.93	1,114.79	1,286.32	1,228.70	57.62	22.323		
6,800.00	6,638.22	7,794.00	7,216.97	34.92	36.74	-72.21	-1,827.93	1,114.79	1,257.88	1,198.94	58.94	21.341		
6,850.00	6,686.09	7,794.00	7,216.97	35.07	36.74	-80.71	-1,827.93	1,114.79	1,231.25	1,171.02	60.24	20.441		
6,900.00	6,732.75	7,770.68	7,216.72	35.24	36.44	-85.65	-1,826.45	1,091.52	1,206.34	1,145.01	61.33	19.670		
6,950.00	6,777.94	7,759.05	7,216.57	35.42	36.29	-89.76	-1,825.86	1,079.91	1,183.70	1,121.25	62.45	18.954		
7,000.00	6,821.36	7,745.43	7,216.37	35.61	36.11	-92.82	-1,825.29	1,066.30	1,163.36	1,099.86	63.50	18.320		
7,050.00	6,862.75	7,729.88	7,216.12	35.83	35.91	-95.11	-1,824.80	1,050.76	1,145.46	1,080.98	64.48	17.765		
7,100.00	6,901.85	7,699.00	7,215.54	36.06	35.52	-96.25	-1,824.36	1,019.89	1,130.22	1,064.96	65.26	17.318		
7,150.00	6,938.43	7,662.53	7,213.55	36.32	35.12	-96.78	-1,824.12	983.48	1,117.15	1,051.14	66.01	16.924		
7,200.00	6,972.26	7,577.47	7,199.52	36.61	34.30	-94.97	-1,822.62	899.68	1,104.90	1,038.30	66.60	16.591		
7,250.00	7,003.13	7,523.92	7,185.24	36.93	33.96	-94.17	-1,821.16	848.10	1,093.97	1,026.65	67.32	16.250		
7,300.00	7,030.85	7,486.30	7,172.88	37.29	33.82	-93.79	-1,820.01	812.60	1,084.76	1,016.72	68.04	15.942		
7,350.00	7,055.25	7,455.32	7,160.96	37.68	33.74	-93.44	-1,819.31	784.01	1,077.62	1,008.89	68.74	15.678		
7,400.00	7,076.17	7,425.49	7,147.99	38.12	33.67	-92.91	-1,818.86	757.15	1,072.60	1,003.22	69.38	15.460		
7,450.00	7,093.50	7,394.19	7,132.85	38.60	33.61	-92.10	-1,818.62	729.77	1,069.63	999.63	70.01	15.279		
7,500.00	7,107.11	7,362.83	7,116.14	39.11	33.54	-91.08	-1,818.51	703.24	1,068.61	998.00	70.61	15.134		
7,501.93	7,107.56	7,361.64	7,115.48	39.13	33.54	-91.04	-1,818.51	702.25	1,068.61	997.98	70.63	15.129		
7,550.00	7,116.94	7,338.19	7,102.00	39.66	33.50	-90.14	-1,818.47	683.06	1,069.43	998.29	71.14	15.033		
7,600.00	7,122.91	7,296.32	7,075.90	40.24	33.40	-88.37	-1,818.65	650.32	1,072.05	1,000.33	71.71	14.949		
7,650.18	7,125.00	7,256.33	7,049.03	40.85	33.31	-86.54	-1,818.49	620.72	1,075.98	1,003.75	72.23	14.896		
7,700.00	7,125.12	7,219.95	7,023.02	41.48	33.23	-85.15	-1,818.08	595.30	1,081.04	1,008.31	72.73	14.864		
7,800.00	7,125.36	7,157.86	6,976.33	42.88	33.07	-82.68	-1,817.04	554.40	1,094.91	1,021.17	73.74	14.848 SF		
7,900.00	7,125.60	7,104.45	6,934.30	44.42	32.93	-80.48	-1,815.91	521.47	1,114.30	1,039.57	74.73	14.911		
8,000.00	7,125.84	7,058.89	6,897.03	46.10	32.81	-78.55	-1,814.78	495.29	1,139.58	1,063.90	75.68	15.058		
8,100.00	7,126.08	7,015.57	6,860.51	47.89	32.69	-76.68	-1,813.58	472.02	1,170.83	1,094.29	76.54	15.296		
8,200.00	7,126.32	6,970.06	6,821.62	49.79	32.56	-74.72	-1,812.23	448.43	1,207.59	1,130.29	77.30	15.622		
8,300.00	7,126.56	6,939.00	6,794.85	51.79	32.47	-73.39	-1,811.26	432.71	1,249.55	1,171.52	78.02	16.015		
8,400.00	7,126.80	6,909.50	6,769.06	53.86	32.38	-72.12	-1,810.43	418.42	1,296.71	1,218.05	78.65	16.486		
8,500.00	7,127.04	6,889.13	6,750.94	56.00	32.32	-71.25	-1,810.00	409.12	1,348.94	1,269.71	79.23	17.025		
8,600.00	7,127.28	6,870.72	6,734.36	58.21	32.26	-70.46	-1,809.70	401.12	1,405.73	1,326.02	79.72	17.634		
8,689.38	7,127.49	6,846.00	6,711.81	60.24	32.19	-69.39	-1,809.44	391.00	1,460.08	1,380.05	80.03	18.243		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,700.00	7,127.52	6,846.00	6,711.81	60.48	32.19	-69.45	-1,809.44	391.00	1,466.69	1,386.61	80.08	18.315		
8,800.00	7,127.76	6,846.00	6,711.81	62.79	32.19	-70.01	-1,809.44	391.00	1,529.80	1,449.31	80.49	19.007		
8,841.07	7,127.85	6,846.00	6,711.81	63.74	32.19	-70.24	-1,809.44	391.00	1,556.12	1,475.50	80.62	19.302		
8,900.00	7,128.00	6,820.55	6,688.32	65.12	32.11	-69.18	-1,809.35	381.21	1,594.21	1,513.52	80.70	19.756		
9,000.00	7,128.23	6,804.85	6,673.73	67.50	32.06	-68.53	-1,809.38	375.43	1,661.64	1,580.75	80.89	20.542		
9,100.00	7,128.47	6,790.19	6,660.02	69.91	32.01	-67.93	-1,809.46	370.21	1,731.91	1,650.87	81.04	21.370		
9,200.00	7,128.71	6,752.00	6,624.04	72.35	31.89	-66.37	-1,809.96	357.44	1,805.13	1,724.06	81.06	22.268		
9,300.00	7,128.95	6,752.00	6,624.04	74.83	31.89	-66.37	-1,809.96	357.44	1,879.86	1,798.66	81.20	23.152		
9,400.00	7,129.19	6,752.00	6,624.04	77.33	31.89	-66.37	-1,809.96	357.44	1,956.85	1,875.56	81.29	24.072		
9,500.00	7,129.43	6,752.00	6,624.04	79.86	31.89	-66.37	-1,809.96	357.44	2,035.85	1,954.50	81.35	25.025		
9,600.00	7,129.67	6,725.52	6,598.85	82.41	31.80	-65.31	-1,810.39	349.30	2,116.21	2,034.88	81.33	26.020		
9,700.00	7,129.91	6,713.90	6,587.73	84.97	31.76	-64.84	-1,810.55	345.92	2,198.14	2,116.81	81.33	27.028		
9,800.00	7,130.15	6,703.03	6,577.30	87.56	31.72	-64.41	-1,810.67	342.86	2,281.36	2,200.04	81.32	28.055		
9,900.00	7,130.39	6,692.86	6,567.52	90.16	31.69	-64.00	-1,810.77	340.08	2,365.76	2,284.47	81.30	29.101		
10,000.00	7,130.63	6,657.00	6,532.82	92.78	31.57	-62.59	-1,811.00	331.02	2,451.62	2,370.42	81.21	30.190		
10,100.00	7,130.87	6,657.00	6,532.82	95.41	31.57	-62.59	-1,811.00	331.02	2,537.84	2,456.64	81.20	31.254		
10,200.00	7,131.11	6,657.00	6,532.82	98.06	31.57	-62.59	-1,811.00	331.02	2,625.03	2,543.85	81.18	32.335		
10,300.00	7,131.35	6,657.00	6,532.82	100.71	31.57	-62.59	-1,811.00	331.02	2,713.10	2,631.94	81.16	33.429		
10,400.00	7,131.59	6,657.00	6,532.82	103.38	31.57	-62.59	-1,811.00	331.02	2,801.98	2,720.85	81.13	34.536		
10,500.00	7,131.83	6,657.00	6,532.82	106.06	31.57	-62.59	-1,811.00	331.02	2,891.58	2,810.48	81.10	35.655		
10,600.00	7,132.07	6,657.00	6,532.82	108.74	31.57	-62.59	-1,811.00	331.02	2,981.85	2,900.78	81.06	36.784		
10,700.00	7,132.31	6,657.00	6,532.82	111.44	31.57	-62.59	-1,811.00	331.02	3,072.71	2,991.68	81.03	37.922		
10,800.00	7,132.55	6,657.00	6,532.82	114.14	31.57	-62.59	-1,811.00	331.02	3,164.13	3,083.14	80.99	39.068		
10,900.00	7,132.79	6,657.00	6,532.82	116.85	31.57	-62.59	-1,811.00	331.02	3,256.05	3,175.10	80.95	40.222		
11,000.00	7,133.03	6,657.00	6,532.82	119.57	31.57	-62.59	-1,811.00	331.02	3,348.44	3,267.52	80.91	41.383		
11,100.00	7,133.27	6,657.00	6,532.82	122.29	31.57	-62.59	-1,811.00	331.02	3,441.25	3,360.37	80.88	42.549		
11,200.00	7,133.51	6,657.00	6,532.82	125.02	31.57	-62.59	-1,811.00	331.02	3,534.45	3,453.61	80.84	43.722		
11,300.00	7,133.74	6,657.00	6,532.82	127.76	31.57	-62.59	-1,811.00	331.02	3,628.02	3,547.21	80.80	44.899		
11,400.00	7,133.98	6,657.00	6,532.82	130.50	31.57	-62.59	-1,811.00	331.02	3,721.92	3,641.15	80.77	46.080		
11,500.00	7,134.22	6,657.00	6,532.82	133.24	31.57	-62.59	-1,811.00	331.02	3,816.13	3,735.39	80.74	47.266		
11,600.00	7,134.46	6,657.00	6,532.82	135.99	31.57	-62.59	-1,811.00	331.02	3,910.62	3,829.92	80.71	48.455		
11,700.00	7,134.70	6,657.00	6,532.82	138.75	31.57	-62.59	-1,811.00	331.02	4,005.39	3,924.71	80.68	49.647		
11,800.00	7,134.94	6,657.00	6,532.82	141.51	31.57	-62.59	-1,811.00	331.02	4,100.40	4,019.75	80.65	50.842		
11,900.00	7,135.18	6,657.00	6,532.82	144.27	31.57	-62.59	-1,811.00	331.02	4,195.65	4,115.02	80.62	52.040		
12,000.00	7,135.42	6,657.00	6,532.82	147.03	31.57	-62.59	-1,811.00	331.02	4,291.11	4,210.51	80.60	53.240		
12,100.00	7,135.66	6,657.00	6,532.82	149.80	31.57	-62.59	-1,811.00	331.02	4,386.77	4,306.19	80.58	54.441		
12,200.00	7,135.90	6,615.16	6,491.77	152.58	31.42	-60.96	-1,811.09	323.00	4,480.55	4,400.00	80.55	55.624		
12,300.00	7,136.14	6,613.84	6,490.46	155.35	31.42	-60.91	-1,811.09	322.81	4,576.45	4,495.92	80.53	56.827		
12,400.00	7,136.38	6,612.56	6,489.20	158.13	31.41	-60.86	-1,811.09	322.63	4,672.52	4,592.00	80.52	58.031		
12,500.00	7,136.62	6,611.34	6,487.99	160.91	31.41	-60.82	-1,811.09	322.46	4,768.74	4,688.24	80.50	59.236		
12,600.00	7,136.86	6,610.17	6,486.83	163.70	31.40	-60.77	-1,811.09	322.30	4,865.12	4,784.62	80.49	60.442		
12,700.00	7,137.10	6,609.04	6,485.71	166.48	31.40	-60.73	-1,811.09	322.15	4,961.63	4,881.15	80.48	61.648		
12,800.00	7,137.34	6,607.95	6,484.63	169.27	31.40	-60.68	-1,811.09	322.01	5,058.28	4,977.80	80.48	62.855		
12,900.00	7,137.58	6,606.90	6,483.59	172.06	31.39	-60.64	-1,811.09	321.87	5,155.05	5,074.58	80.47	64.062		
13,000.00	7,137.82	6,605.89	6,482.59	174.86	31.39	-60.61	-1,811.09	321.75	5,251.94	5,171.47	80.47	65.270		
13,100.00	7,138.06	6,563.00	6,439.85	177.65	31.24	-58.97	-1,811.05	318.41	5,351.01	5,270.57	80.44	66.522		
13,200.00	7,138.30	6,563.00	6,439.85	180.45	31.24	-58.97	-1,811.05	318.41	5,448.02	5,367.58	80.44	67.728		
13,300.00	7,138.54	6,563.00	6,439.85	183.25	31.24	-58.97	-1,811.05	318.41	5,545.15	5,464.70	80.44	68.933		
13,400.00	7,138.78	6,563.00	6,439.85	186.05	31.24	-58.97	-1,811.05	318.41	5,642.37	5,561.92	80.45	70.138		
13,500.00	7,139.02	6,563.00	6,439.85	188.85	31.24	-58.97	-1,811.05	318.41	5,739.69	5,659.24	80.45	71.343		
13,600.00	7,139.25	6,563.00	6,439.85	191.65	31.24	-58.97	-1,811.05	318.41	5,837.10	5,756.64	80.46	72.548		
13,700.00	7,139.49	6,563.00	6,439.85	194.46	31.24	-58.97	-1,811.05	318.41	5,934.59	5,854.12	80.47	73.751		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,800.00	7,139.73	6,563.00	6,439.85	197.27	31.24	-58.97	-1,811.05	318.41	6,032.17	5,951.69	80.48	74.955		
13,900.00	7,139.97	6,563.00	6,439.85	200.08	31.24	-58.97	-1,811.05	318.41	6,129.82	6,049.33	80.49	76.157		
14,000.00	7,140.21	6,563.00	6,439.85	202.89	31.24	-58.97	-1,811.05	318.41	6,227.55	6,147.05	80.50	77.359		
14,100.00	7,140.45	6,563.00	6,439.85	205.70	31.24	-58.97	-1,811.05	318.41	6,325.35	6,244.83	80.52	78.559		
14,200.00	7,140.69	6,563.00	6,439.85	208.51	31.24	-58.97	-1,811.05	318.41	6,423.22	6,342.69	80.53	79.759		
14,300.00	7,140.93	6,563.00	6,439.85	211.32	31.24	-58.97	-1,811.05	318.41	6,521.15	6,440.60	80.55	80.958		
14,400.00	7,141.17	6,563.00	6,439.85	214.14	31.24	-58.97	-1,811.05	318.41	6,619.15	6,538.58	80.57	82.155		
14,500.00	7,141.41	6,563.00	6,439.85	216.95	31.24	-58.97	-1,811.05	318.41	6,717.20	6,636.61	80.59	83.351		
14,600.00	7,141.65	6,563.00	6,439.85	219.77	31.24	-58.97	-1,811.05	318.41	6,815.31	6,734.70	80.61	84.546		
14,700.00	7,141.89	6,563.00	6,439.85	222.59	31.24	-58.97	-1,811.05	318.41	6,913.48	6,832.84	80.63	85.739		
14,800.00	7,142.13	6,563.00	6,439.85	225.41	31.24	-58.97	-1,811.05	318.41	7,011.69	6,931.03	80.66	86.931		
14,900.00	7,142.37	6,563.00	6,439.85	228.23	31.24	-58.97	-1,811.05	318.41	7,109.96	7,029.27	80.68	88.121		
15,000.00	7,142.61	6,563.00	6,439.85	231.05	31.24	-58.97	-1,811.05	318.41	7,208.27	7,127.56	80.71	89.310		
15,100.00	7,142.85	6,563.00	6,439.85	233.87	31.24	-58.97	-1,811.05	318.41	7,306.63	7,225.89	80.74	90.497		
15,200.00	7,143.09	6,563.00	6,439.85	236.69	31.24	-58.97	-1,811.05	318.41	7,405.03	7,324.27	80.77	91.683		
15,300.00	7,143.33	6,563.00	6,439.85	239.52	31.24	-58.97	-1,811.05	318.41	7,503.48	7,422.68	80.80	92.866		
15,400.00	7,143.57	6,563.00	6,439.85	242.34	31.24	-58.97	-1,811.05	318.41	7,601.97	7,521.14	80.83	94.048		
15,500.00	7,143.81	6,563.00	6,439.85	245.17	31.24	-58.97	-1,811.05	318.41	7,700.49	7,619.63	80.86	95.228		
15,600.00	7,144.05	6,563.00	6,439.85	247.99	31.24	-58.97	-1,811.05	318.41	7,799.05	7,718.16	80.90	96.406		
15,700.00	7,144.29	6,563.00	6,439.85	250.82	31.24	-58.97	-1,811.05	318.41	7,897.65	7,816.72	80.93	97.582		
15,800.00	7,144.53	6,563.00	6,439.85	253.64	31.24	-58.97	-1,811.05	318.41	7,996.29	7,915.32	80.97	98.756		
15,900.00	7,144.76	6,563.00	6,439.85	256.47	31.24	-58.97	-1,811.05	318.41	8,094.95	8,013.95	81.01	99.928		
16,000.00	7,145.00	6,563.00	6,439.85	259.30	31.24	-58.97	-1,811.05	318.41	8,193.65	8,112.61	81.05	101.098		
16,100.00	7,145.24	6,563.00	6,439.85	262.13	31.24	-58.97	-1,811.05	318.41	8,292.38	8,211.30	81.09	102.266		
16,200.00	7,145.48	6,563.00	6,439.85	264.96	31.24	-58.97	-1,811.05	318.41	8,391.15	8,310.02	81.13	103.432		
16,300.00	7,145.72	6,563.00	6,439.85	267.79	31.24	-58.97	-1,811.05	318.41	8,489.94	8,408.77	81.17	104.595		
16,400.00	7,145.96	6,563.00	6,439.85	270.62	31.24	-58.97	-1,811.05	318.41	8,588.75	8,507.54	81.21	105.756		
16,500.00	7,146.20	6,563.00	6,439.85	273.45	31.24	-58.97	-1,811.05	318.41	8,687.60	8,606.34	81.26	106.915		
16,600.00	7,146.44	6,563.00	6,439.85	276.28	31.24	-58.97	-1,811.05	318.41	8,786.47	8,705.17	81.30	108.071		
16,700.00	7,146.68	6,563.00	6,439.85	279.12	31.24	-58.97	-1,811.05	318.41	8,885.37	8,804.02	81.35	109.225		
16,800.00	7,146.92	6,563.00	6,439.85	281.95	31.24	-58.97	-1,811.05	318.41	8,984.29	8,902.89	81.40	110.377		
16,900.00	7,147.16	6,563.00	6,439.85	284.78	31.24	-58.97	-1,811.05	318.41	9,083.23	9,001.79	81.45	111.526		
17,000.00	7,147.40	6,563.00	6,439.85	287.62	31.24	-58.97	-1,811.05	318.41	9,182.20	9,100.70	81.49	112.672		
17,100.00	7,147.64	6,563.00	6,439.85	290.45	31.24	-58.97	-1,811.05	318.41	9,281.19	9,199.64	81.55	113.817		
17,200.00	7,147.88	6,563.00	6,439.85	293.28	31.24	-58.97	-1,811.05	318.41	9,380.20	9,298.60	81.60	114.958		
17,300.00	7,148.12	6,563.00	6,439.85	296.12	31.24	-58.97	-1,811.05	318.41	9,479.23	9,397.58	81.65	116.097		
17,400.00	7,148.36	6,563.00	6,439.85	298.95	31.24	-58.97	-1,811.05	318.41	9,578.28	9,496.58	81.70	117.234		
17,500.00	7,148.60	6,563.00	6,439.85	301.79	31.24	-58.97	-1,811.05	318.41	9,677.35	9,595.60	81.76	118.367		
17,600.00	7,148.84	6,563.00	6,439.85	304.63	31.24	-58.97	-1,811.05	318.41	9,776.44	9,694.63	81.81	119.499		
17,700.00	7,149.08	6,563.00	6,439.85	307.46	31.24	-58.97	-1,811.05	318.41	9,875.55	9,793.68	81.87	120.627		
17,800.00	7,149.32	6,563.00	6,439.85	310.30	31.24	-58.97	-1,811.05	318.41	9,974.68	9,892.75	81.93	121.753		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	143.67	-687.81	505.87	853.88					
100.00	100.00	90.59	90.59	3.28	3.29	143.65	-687.57	506.06	853.73	847.16	6.57	129.929		
200.00	200.00	192.37	192.37	3.34	3.31	143.58	-686.71	506.72	853.44	846.79	6.64	128.449		
300.00	299.98	290.21	290.19	3.44	3.36	23.52	-685.40	507.83	851.44	844.64	6.80	125.194		
400.00	399.84	383.08	383.04	3.60	3.47	23.56	-684.46	509.54	846.91	839.85	7.07	119.862		
500.00	499.45	476.79	476.72	3.80	3.62	23.70	-684.05	511.78	839.99	832.57	7.42	113.190		
600.00	598.70	570.66	570.57	4.04	3.81	24.05	-684.97	513.24	830.53	822.68	7.85	105.763		
700.00	697.47	660.83	660.70	4.33	4.02	24.63	-687.40	513.73	818.75	810.41	8.34	98.160		
800.00	795.62	745.43	745.18	4.65	4.24	25.45	-691.86	513.15	805.31	796.43	8.87	90.745		
865.50	859.53	797.94	797.51	4.89	4.38	26.12	-696.09	512.22	795.99	786.75	9.25	86.093		
900.00	893.10	826.34	825.77	5.02	4.47	26.48	-698.88	511.52	791.15	781.70	9.45	83.717		
1,000.00	990.42	909.74	908.48	5.41	4.72	27.73	-708.99	508.23	778.55	768.48	10.07	77.318		
1,100.00	1,087.73	985.11	982.78	5.83	4.97	29.07	-720.89	504.06	768.78	758.07	10.71	71.790		
1,200.00	1,185.05	1,074.50	1,070.42	6.27	5.28	30.83	-737.54	498.32	761.76	750.35	11.42	66.717		
1,300.00	1,282.36	1,165.40	1,159.43	6.72	5.61	32.65	-755.04	492.55	756.26	744.09	12.16	62.185		
1,400.00	1,379.67	1,252.86	1,245.04	7.18	5.96	34.39	-772.34	487.83	752.54	739.61	12.92	58.238		
1,500.00	1,476.99	1,340.87	1,330.91	7.65	6.32	36.20	-790.99	482.98	750.96	737.25	13.70	54.804		
1,531.18	1,507.33	1,368.57	1,357.88	7.80	6.43	36.78	-797.08	481.38	750.86	736.91	13.95	53.823		
1,600.00	1,574.30	1,434.41	1,421.93	8.13	6.72	38.18	-811.77	477.40	751.15	736.62	14.52	51.718		
1,700.00	1,671.61	1,528.93	1,513.82	8.62	7.13	40.23	-833.04	471.19	752.45	737.09	15.37	48.963		
1,800.00	1,768.93	1,622.51	1,604.65	9.11	7.55	42.29	-854.57	464.55	755.16	738.94	16.22	46.552		
1,900.00	1,866.24	1,717.78	1,697.30	9.60	7.99	44.24	-876.19	459.54	759.09	741.99	17.09	44.405		
2,000.00	1,963.56	1,813.71	1,790.67	10.10	8.44	46.11	-897.81	455.49	764.02	746.04	17.98	42.492		
2,100.00	2,060.87	1,916.69	1,891.05	10.61	8.92	48.01	-920.58	452.16	769.58	750.67	18.91	40.691		
2,200.00	2,158.18	2,018.70	1,990.67	11.11	9.40	49.88	-942.19	448.47	774.95	755.10	19.85	39.039		
2,300.00	2,255.50	2,120.21	2,089.72	11.62	9.88	51.90	-963.49	442.25	780.65	759.85	20.80	37.537		
2,400.00	2,352.81	2,233.64	2,200.79	12.13	10.42	54.05	-985.64	436.15	785.90	764.09	21.82	36.023		
2,500.00	2,450.13	2,336.16	2,301.52	12.65	10.90	55.92	-1,004.03	431.06	790.43	767.66	22.78	34.703		
2,600.00	2,547.44	2,434.22	2,397.90	13.16	11.36	57.68	-1,021.52	426.37	795.67	771.95	23.72	33.546		
2,700.00	2,644.75	2,538.43	2,500.60	13.68	11.85	59.49	-1,038.59	421.86	800.18	775.48	24.70	32.398		
2,800.00	2,742.07	2,626.04	2,586.76	14.20	12.27	60.98	-1,054.06	418.28	806.64	781.06	25.59	31.527		
2,900.00	2,839.38	2,726.73	2,685.93	14.71	12.74	62.64	-1,071.08	414.58	813.07	786.51	26.56	30.617		
3,000.00	2,936.70	2,809.18	2,766.87	15.23	13.14	64.04	-1,086.25	410.55	821.71	794.30	27.41	29.975		
3,100.00	3,034.01	2,913.03	2,868.82	15.76	13.64	65.78	-1,105.32	405.35	831.07	802.66	28.42	29.246		
3,200.00	3,131.32	3,024.21	2,978.12	16.28	14.17	67.59	-1,125.01	400.02	840.52	811.05	29.47	28.521		
3,300.00	3,228.64	3,120.59	3,073.23	16.80	14.63	69.10	-1,140.05	396.05	848.40	817.98	30.43	27.884		
3,400.00	3,325.95	3,198.16	3,149.48	17.32	15.00	70.28	-1,153.89	392.72	859.03	827.78	31.25	27.488		
3,500.00	3,423.26	3,299.01	3,248.35	17.85	15.49	71.69	-1,173.52	389.52	871.61	839.36	32.25	27.030		
3,600.00	3,520.58	3,409.59	3,357.21	18.37	16.02	73.18	-1,192.68	386.70	882.35	849.04	33.31	26.487		
3,700.00	3,617.89	3,500.01	3,446.21	18.90	16.46	74.40	-1,208.46	383.97	893.90	859.67	34.23	26.113		
3,800.00	3,715.21	3,591.13	3,535.77	19.43	16.90	75.60	-1,224.97	380.95	906.63	871.48	35.16	25.788		
3,900.00	3,812.52	3,689.26	3,632.15	19.95	17.38	76.87	-1,243.05	377.34	920.21	884.07	36.14	25.463		
4,000.00	3,909.83	3,784.14	3,725.41	20.48	17.84	78.12	-1,260.01	373.15	933.98	896.88	37.10	25.177		
4,100.00	4,007.15	3,882.08	3,801.87	21.01	18.22	79.10	-1,274.69	369.67	949.16	911.26	37.91	25.039		
4,200.00	4,104.46	3,933.44	3,871.46	21.53	18.58	79.96	-1,290.03	366.00	967.36	928.72	38.64	25.037		
4,300.00	4,201.78	4,016.31	3,951.89	22.06	19.01	80.90	-1,309.51	361.73	987.79	948.32	39.47	25.024		
4,400.00	4,299.09	4,120.11	4,052.63	22.59	19.54	82.07	-1,333.80	355.63	1,008.78	968.24	40.54	24.887		
4,500.00	4,396.40	4,239.23	4,168.56	23.12	20.15	83.41	-1,360.09	348.08	1,029.22	987.47	41.75	24.653		
4,600.00	4,493.72	4,376.30	4,303.15	23.65	20.82	85.03	-1,384.51	339.41	1,046.03	1,002.94	43.09	24.276		
4,700.00	4,591.03	4,478.31	4,403.68	24.18	21.32	86.19	-1,400.96	333.88	1,061.51	1,017.40	44.11	24.067		
4,800.00	4,688.34	4,566.27	4,490.28	24.71	21.74	87.11	-1,415.77	329.88	1,077.57	1,032.57	45.01	23.942		
4,900.00	4,785.66	4,667.57	4,589.93	25.24	22.24	88.08	-1,433.61	326.00	1,094.27	1,048.24	46.02	23.776		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,882.97	4,767.95	4,688.81	25.77	22.72	89.10	-1,450.14	321.09	1,110.82	1,063.79	47.03	23.620		
5,100.00	4,980.29	4,894.26	4,813.64	26.30	23.32	90.45	-1,468.08	314.09	1,126.10	1,077.87	48.23	23.348		
5,200.00	5,077.60	5,011.64	4,930.00	26.83	23.86	91.75	-1,481.90	307.24	1,139.99	1,090.65	49.34	23.105		
5,300.00	5,174.91	5,122.26	5,039.90	27.36	24.36	92.94	-1,493.25	301.99	1,152.41	1,102.02	50.39	22.869		
5,400.00	5,272.23	5,256.41	5,173.43	27.89	24.95	94.42	-1,504.46	295.81	1,163.78	1,112.22	51.56	22.573		
5,500.00	5,369.54	5,417.63	5,334.47	28.42	25.60	96.33	-1,508.97	290.22	1,170.12	1,117.39	52.73	22.191		
5,600.00	5,466.86	5,517.44	5,434.25	28.95	25.99	97.53	-1,509.32	287.66	1,174.86	1,121.20	53.67	21.892		
5,700.00	5,564.17	5,629.57	5,546.35	29.48	26.42	98.86	-1,509.30	285.42	1,179.50	1,124.88	54.63	21.593		
5,800.00	5,661.48	5,718.04	5,634.81	30.01	26.75	99.92	-1,509.01	283.43	1,184.54	1,129.01	55.53	21.333		
5,900.00	5,758.80	5,842.29	5,759.02	30.54	27.21	101.39	-1,507.43	281.56	1,188.90	1,132.41	56.49	21.046		
6,000.00	5,856.11	5,944.46	5,861.18	31.07	27.57	102.52	-1,506.12	282.10	1,192.46	1,135.06	57.40	20.774		
6,100.00	5,953.43	6,037.97	5,954.68	31.61	27.91	103.53	-1,505.22	282.77	1,196.56	1,138.26	58.30	20.525		
6,200.00	6,050.74	6,130.70	6,047.41	32.14	28.24	104.55	-1,504.32	282.96	1,201.44	1,142.25	59.19	20.298		
6,300.00	6,148.05	6,227.73	6,144.43	32.67	28.60	105.64	-1,503.03	282.39	1,207.05	1,146.96	60.09	20.088		
6,400.00	6,245.37	6,326.84	6,241.86	33.20	28.92	106.66	-1,488.05	1,104.15	1,161.58	1,116.49	45.08	25.766		
6,500.00	6,342.68	6,423.90	6,348.17	33.73	29.24	107.61	-1,489.23	1,125.26	1,087.16	1,038.79	48.38	22.473		
6,520.81	6,362.93	6,444.15	6,368.42	33.85	29.36	107.73	-1,489.23	1,125.26	1,072.12	1,023.04	49.09	21.842		
6,550.00	6,391.46	6,473.68	6,397.95	34.00	29.50	107.88	-1,489.23	1,125.26	1,051.24	1,001.14	50.10	20.984		
6,600.00	6,440.79	6,523.01	6,445.22	34.23	29.73	108.03	-1,489.90	1,137.14	1,015.92	964.01	51.91	19.571		
6,650.00	6,490.44	6,572.66	6,495.87	34.43	29.93	108.18	-1,490.28	1,144.48	981.43	927.70	53.73	18.267		
6,700.00	6,540.10	6,622.32	6,545.53	34.60	30.10	108.33	-1,490.29	1,144.66	948.18	892.66	55.52	17.078		
6,750.00	6,589.46	6,671.68	6,594.89	34.76	30.26	108.48	-1,489.96	1,138.24	916.53	859.25	57.28	16.002		
6,800.00	6,638.22	6,720.44	6,643.65	34.92	30.42	108.63	-1,489.26	1,125.75	886.76	827.79	58.97	15.036		
6,850.00	6,686.09	6,768.31	6,691.52	35.07	30.57	108.78	-1,489.23	1,125.26	859.23	798.51	60.72	14.151		
6,900.00	6,732.75	6,814.97	6,738.18	35.24	30.74	108.93	-1,488.20	1,106.91	834.10	771.81	62.29	13.390		
6,950.00	6,777.94	6,860.16	6,783.37	35.42	30.92	109.08	-1,487.46	1,092.86	811.75	747.96	63.79	12.725		
7,000.00	6,821.36	6,903.58	6,824.79	35.61	31.10	109.23	-1,486.59	1,075.42	792.28	727.13	65.15	12.162		
7,050.00	6,862.75	6,944.97	6,866.18	35.83	31.30	109.38	-1,485.63	1,054.53	775.76	709.44	66.32	11.697		
7,100.00	6,901.85	6,983.36	6,905.28	36.06	31.50	109.53	-1,484.63	1,030.09	762.15	694.86	67.30	11.325		
7,150.00	6,938.43	7,020.74	6,940.67	36.32	31.70	109.68	-1,483.55	998.93	751.27	683.17	68.10	11.031		
7,200.00	6,972.26	7,054.11	6,974.10	36.61	31.90	109.83	-1,482.73	966.56	742.91	674.15	68.77	10.803		
7,250.00	7,003.13	7,085.49	7,006.97	36.93	32.10	109.98	-1,482.20	933.12	736.96	667.66	69.30	10.635		
7,300.00	7,030.85	7,117.21	7,034.69	37.29	32.30	110.13	-1,482.02	899.19	733.27	663.50	69.77	10.510		
7,350.00	7,055.25	7,148.54	7,059.09	37.68	32.50	110.28	-1,482.24	865.86	731.75	661.60	70.15	10.431		
7,361.33	7,060.29	7,153.58	7,064.13	37.78	32.60	110.38	-1,482.34	858.40	731.70	661.46	70.23	10.418 CC, ES		
7,400.00	7,076.17	7,169.42	7,080.01	38.12	32.80	110.53	-1,482.81	833.67	732.30	661.82	70.48	10.390		
7,450.00	7,093.50	7,186.75	7,100.34	38.60	32.97	110.68	-1,483.77	803.46	734.89	664.10	70.79	10.382 SF		
7,500.00	7,107.11	7,201.36	7,114.95	39.11	33.17	110.83	-1,485.11	773.99	739.41	668.36	71.05	10.407		
7,550.00	7,116.94	7,211.19	7,124.78	39.66	33.45	110.98	-1,486.92	743.93	745.69	674.42	71.28	10.462		
7,600.00	7,122.91	7,217.16	7,130.75	40.24	33.70	111.13	-1,489.36	707.70	753.25	681.75	71.50	10.535		
7,650.18	7,125.00	7,222.23	7,133.84	40.85	33.99	111.28	-1,491.90	671.89	761.75	690.04	71.71	10.623		
7,700.00	7,125.12	7,227.30	7,138.96	41.48	34.28	111.43	-1,494.42	636.98	770.99	699.04	71.95	10.716		
7,800.00	7,125.36	7,232.37	7,144.10	42.88	34.58	111.58	-1,498.43	574.59	792.55	720.11	72.44	10.941		
7,900.00	7,125.60	7,237.44	7,149.24	44.42	34.88	111.73	-1,498.10	505.17	816.83	744.17	72.66	11.242		
8,000.00	7,125.84	7,242.51	7,154.38	46.10	35.18	111.88	-1,496.79	478.49	847.21	774.08	73.13	11.585		
8,100.00	7,126.08	7,247.58	7,159.52	47.89	35.48	112.03	-1,496.75	458.28	885.49	811.92	73.56	12.037		
8,200.00	7,126.32	7,252.65	7,164.66	49.79	35.78	112.18	-1,497.40	441.79	930.93	857.00	73.93	12.591		
8,300.00	7,126.56	7,257.72	7,169.79	51.79	36.08	112.33	-1,498.58	413.42	982.10	908.07	74.03	13.266		
8,400.00	7,126.80	7,262.79	7,174.93	53.86	36.38	112.48	-1,498.65	387.77	1,038.26	964.26	74.00	14.031		
8,500.00	7,127.04	7,267.86	7,180.07	56.00	36.68	112.63	-1,498.65	387.77	1,099.23	1,024.88	74.36	14.783		
8,600.00	7,127.28	7,272.93	7,185.21	58.21	36.98	112.78	-1,498.19	368.82	1,164.15	1,089.87	74.28	15.672		
8,689.38	7,127.49	7,278.00	7,190.34	60.24	37.28	112.93	-1,497.96	361.03	1,225.75	1,151.42	74.33	16.492		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,700.00	7,127.52	6,787.60	6,692.18	60.48	30.62	-61.06	-1,497.94	360.18	1,233.24	1,158.92	74.33	16.592		
8,800.00	7,127.76	6,751.00	6,658.87	62.79	30.50	-60.18	-1,497.38	345.04	1,304.88	1,230.72	74.16	17.595		
8,841.07	7,127.85	6,751.00	6,658.87	63.74	30.50	-60.59	-1,497.38	345.04	1,334.26	1,260.05	74.21	17.979		
8,900.00	7,128.00	6,751.00	6,658.87	65.12	30.50	-60.59	-1,497.38	345.04	1,377.21	1,302.94	74.26	18.545		
9,000.00	7,128.23	6,751.00	6,658.87	67.50	30.50	-60.59	-1,497.38	345.04	1,452.66	1,378.35	74.31	19.548		
9,100.00	7,128.47	6,751.00	6,658.87	69.91	30.50	-60.59	-1,497.38	345.04	1,530.93	1,456.61	74.32	20.600		
9,200.00	7,128.71	6,716.20	6,626.53	72.35	30.38	-58.87	-1,497.07	332.20	1,610.49	1,536.36	74.12	21.728		
9,300.00	7,128.95	6,704.87	6,615.89	74.83	30.34	-58.32	-1,497.09	328.30	1,692.40	1,618.35	74.05	22.855		
9,400.00	7,129.19	6,694.31	6,605.93	77.33	30.30	-57.81	-1,497.16	324.79	1,775.97	1,701.99	73.98	24.006		
9,500.00	7,129.43	6,656.00	6,569.46	79.86	30.17	-56.01	-1,497.82	313.09	1,861.69	1,787.90	73.79	25.229		
9,600.00	7,129.67	6,656.00	6,569.46	82.41	30.17	-56.01	-1,497.82	313.09	1,947.58	1,873.81	73.77	26.400		
9,700.00	7,129.91	6,656.00	6,569.46	84.97	30.17	-56.01	-1,497.82	313.09	2,034.76	1,961.02	73.74	27.594		
9,800.00	7,130.15	6,656.00	6,569.46	87.56	30.17	-56.01	-1,497.82	313.09	2,123.06	2,049.36	73.70	28.807		
9,900.00	7,130.39	6,656.00	6,569.46	90.16	30.17	-56.01	-1,497.82	313.09	2,212.37	2,138.71	73.65	30.037		
10,000.00	7,130.63	6,656.00	6,569.46	92.78	30.17	-56.01	-1,497.82	313.09	2,302.55	2,228.94	73.61	31.282		
10,100.00	7,130.87	6,656.00	6,569.46	95.41	30.17	-56.01	-1,497.82	313.09	2,393.51	2,319.96	73.56	32.540		
10,200.00	7,131.11	6,656.00	6,569.46	98.06	30.17	-56.01	-1,497.82	313.09	2,485.17	2,411.66	73.51	33.809		
10,300.00	7,131.35	6,618.91	6,533.71	100.71	30.03	-54.33	-1,498.66	303.26	2,576.49	2,503.08	73.41	35.096		
10,400.00	7,131.59	6,612.30	6,527.30	103.38	30.01	-54.03	-1,498.79	301.67	2,668.97	2,595.60	73.36	36.380		
10,500.00	7,131.83	6,606.08	6,521.25	106.06	29.99	-53.76	-1,498.90	300.20	2,761.91	2,688.59	73.32	37.670		
10,600.00	7,132.07	6,600.19	6,515.52	108.74	29.97	-53.50	-1,499.00	298.86	2,855.28	2,782.00	73.28	38.966		
10,700.00	7,132.31	6,562.00	6,478.14	111.44	29.83	-51.84	-1,499.50	291.05	2,949.76	2,876.57	73.20	40.300		
10,800.00	7,132.55	6,562.00	6,478.14	114.14	29.83	-51.84	-1,499.50	291.05	3,043.66	2,970.49	73.17	41.597		
10,900.00	7,132.79	6,562.00	6,478.14	116.85	29.83	-51.84	-1,499.50	291.05	3,137.94	3,064.80	73.15	42.900		
11,000.00	7,133.03	6,562.00	6,478.14	119.57	29.83	-51.84	-1,499.50	291.05	3,232.57	3,159.45	73.12	44.207		
11,100.00	7,133.27	6,562.00	6,478.14	122.29	29.83	-51.84	-1,499.50	291.05	3,327.51	3,254.41	73.10	45.519		
11,200.00	7,133.51	6,562.00	6,478.14	125.02	29.83	-51.84	-1,499.50	291.05	3,422.73	3,349.65	73.08	46.835		
11,300.00	7,133.74	6,562.00	6,478.14	127.76	29.83	-51.84	-1,499.50	291.05	3,518.22	3,445.16	73.06	48.154		
11,400.00	7,133.98	6,562.00	6,478.14	130.50	29.83	-51.84	-1,499.50	291.05	3,613.96	3,540.91	73.05	49.476		
11,500.00	7,134.22	6,562.00	6,478.14	133.24	29.83	-51.84	-1,499.50	291.05	3,709.92	3,636.89	73.03	50.800		
11,600.00	7,134.46	6,562.00	6,478.14	135.99	29.83	-51.84	-1,499.50	291.05	3,806.09	3,733.07	73.02	52.126		
11,700.00	7,134.70	6,562.00	6,478.14	138.75	29.83	-51.84	-1,499.50	291.05	3,902.45	3,829.44	73.01	53.454		
11,800.00	7,134.94	6,562.00	6,478.14	141.51	29.83	-51.84	-1,499.50	291.05	3,998.99	3,925.99	73.00	54.783		
11,900.00	7,135.18	6,562.00	6,478.14	144.27	29.83	-51.84	-1,499.50	291.05	4,095.69	4,022.71	72.99	56.114		
12,000.00	7,135.42	6,562.00	6,478.14	147.03	29.83	-51.84	-1,499.50	291.05	4,192.55	4,119.57	72.98	57.445		
12,100.00	7,135.66	6,562.00	6,478.14	149.80	29.83	-51.84	-1,499.50	291.05	4,289.56	4,216.58	72.98	58.777		
12,200.00	7,135.90	6,562.00	6,478.14	152.58	29.83	-51.84	-1,499.50	291.05	4,386.70	4,313.72	72.98	60.110		
12,300.00	7,136.14	6,562.00	6,478.14	155.35	29.83	-51.84	-1,499.50	291.05	4,483.96	4,410.98	72.98	61.442		
12,400.00	7,136.38	6,562.00	6,478.14	158.13	29.83	-51.84	-1,499.50	291.05	4,581.34	4,508.36	72.98	62.775		
12,500.00	7,136.62	6,562.00	6,478.14	160.91	29.83	-51.84	-1,499.50	291.05	4,678.84	4,605.85	72.98	64.107		
12,600.00	7,136.86	6,562.00	6,478.14	163.70	29.83	-51.84	-1,499.50	291.05	4,776.43	4,703.44	72.99	65.439		
12,700.00	7,137.10	6,562.00	6,478.14	166.48	29.83	-51.84	-1,499.50	291.05	4,874.13	4,801.13	73.00	66.771		
12,800.00	7,137.34	6,562.00	6,478.14	169.27	29.83	-51.84	-1,499.50	291.05	4,971.91	4,898.91	73.01	68.102		
12,900.00	7,137.58	6,562.00	6,478.14	172.06	29.83	-51.84	-1,499.50	291.05	5,069.79	4,996.77	73.02	69.432		
13,000.00	7,137.82	6,562.00	6,478.14	174.86	29.83	-51.84	-1,499.50	291.05	5,167.74	5,094.71	73.03	70.761		
13,100.00	7,138.06	6,562.00	6,478.14	177.65	29.83	-51.84	-1,499.50	291.05	5,265.77	5,192.72	73.05	72.089		
13,200.00	7,138.30	6,562.00	6,478.14	180.45	29.83	-51.84	-1,499.50	291.05	5,363.87	5,290.81	73.06	73.415		
13,300.00	7,138.54	6,562.00	6,478.14	183.25	29.83	-51.84	-1,499.50	291.05	5,462.04	5,388.96	73.08	74.741		
13,400.00	7,138.78	6,562.00	6,478.14	186.05	29.83	-51.84	-1,499.50	291.05	5,560.28	5,487.18	73.10	76.065		
13,500.00	7,139.02	6,562.00	6,478.14	188.85	29.83	-51.84	-1,499.50	291.05	5,658.58	5,585.46	73.12	77.388		
13,600.00	7,139.25	6,562.00	6,478.14	191.65	29.83	-51.84	-1,499.50	291.05	5,756.94	5,683.80	73.14	78.709		
13,700.00	7,139.49	6,562.00	6,478.14	194.46	29.83	-51.84	-1,499.50	291.05	5,855.35	5,782.18	73.17	80.028		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,800.00	7,139.73	6,562.00	6,478.14	197.27	29.83	-51.84	-1,499.50	291.05	5,953.82	5,880.63	73.19	81.345		
13,900.00	7,139.97	6,562.00	6,478.14	200.08	29.83	-51.84	-1,499.50	291.05	6,052.33	5,979.11	73.22	82.661		
14,000.00	7,140.21	6,562.00	6,478.14	202.89	29.83	-51.84	-1,499.50	291.05	6,150.90	6,077.65	73.25	83.974		
14,100.00	7,140.45	6,562.00	6,478.14	205.70	29.83	-51.84	-1,499.50	291.05	6,249.51	6,176.23	73.28	85.286		
14,200.00	7,140.69	6,562.00	6,478.14	208.51	29.83	-51.84	-1,499.50	291.05	6,348.16	6,274.85	73.31	86.595		
14,300.00	7,140.93	6,562.00	6,478.14	211.32	29.83	-51.84	-1,499.50	291.05	6,446.86	6,373.51	73.34	87.903		
14,400.00	7,141.17	6,562.00	6,478.14	214.14	29.83	-51.84	-1,499.50	291.05	6,545.59	6,472.21	73.37	89.208		
14,500.00	7,141.41	6,562.00	6,478.14	216.95	29.83	-51.84	-1,499.50	291.05	6,644.36	6,570.95	73.41	90.510		
14,600.00	7,141.65	6,562.00	6,478.14	219.77	29.83	-51.84	-1,499.50	291.05	6,743.17	6,669.72	73.45	91.810		
14,700.00	7,141.89	6,562.00	6,478.14	222.59	29.83	-51.84	-1,499.50	291.05	6,842.01	6,768.53	73.48	93.108		
14,800.00	7,142.13	6,562.00	6,478.14	225.41	29.83	-51.84	-1,499.50	291.05	6,940.89	6,867.37	73.52	94.403		
14,900.00	7,142.37	6,562.00	6,478.14	228.23	29.83	-51.84	-1,499.50	291.05	7,039.80	6,966.23	73.56	95.696		
15,000.00	7,142.61	6,518.22	6,434.82	231.05	29.67	-50.01	-1,499.94	284.85	7,136.74	7,063.12	73.62	96.943		
15,100.00	7,142.85	6,517.58	6,434.18	233.87	29.66	-49.98	-1,499.95	284.79	7,235.65	7,161.99	73.66	98.229		
15,200.00	7,143.09	6,516.95	6,433.56	236.69	29.66	-49.95	-1,499.95	284.73	7,334.59	7,260.88	73.71	99.513		
15,300.00	7,143.33	6,516.34	6,432.95	239.52	29.66	-49.93	-1,499.96	284.67	7,433.56	7,359.81	73.75	100.793		
15,400.00	7,143.57	6,515.74	6,432.35	242.34	29.66	-49.90	-1,499.97	284.61	7,532.55	7,458.75	73.80	102.071		
15,500.00	7,143.81	6,515.16	6,431.78	245.17	29.66	-49.88	-1,499.97	284.56	7,631.57	7,557.72	73.84	103.347		
15,600.00	7,144.05	6,514.59	6,431.21	247.99	29.65	-49.86	-1,499.98	284.50	7,730.61	7,656.72	73.89	104.619		
15,700.00	7,144.29	6,514.04	6,430.66	250.82	29.65	-49.84	-1,499.98	284.45	7,829.68	7,755.73	73.94	105.888		
15,800.00	7,144.53	6,513.50	6,430.12	253.64	29.65	-49.81	-1,499.99	284.40	7,928.77	7,854.77	73.99	107.155		
15,900.00	7,144.76	6,512.97	6,429.60	256.47	29.65	-49.79	-1,499.99	284.36	8,027.88	7,953.83	74.05	108.418		
16,000.00	7,145.00	6,512.46	6,429.08	259.30	29.65	-49.77	-1,500.00	284.31	8,127.01	8,052.91	74.10	109.679		
16,100.00	7,145.24	6,511.95	6,428.58	262.13	29.64	-49.75	-1,500.00	284.27	8,226.16	8,152.01	74.15	110.936		
16,200.00	7,145.48	6,468.00	6,384.69	264.96	29.48	-48.01	-1,500.46	282.33	8,327.29	8,253.07	74.22	112.205		
16,300.00	7,145.72	6,468.00	6,384.69	267.79	29.48	-48.01	-1,500.46	282.33	8,426.44	8,352.17	74.27	113.455		
16,400.00	7,145.96	6,468.00	6,384.69	270.62	29.48	-48.01	-1,500.46	282.33	8,525.60	8,451.28	74.33	114.703		
16,500.00	7,146.20	6,468.00	6,384.69	273.45	29.48	-48.01	-1,500.46	282.33	8,624.79	8,550.41	74.39	115.947		
16,600.00	7,146.44	6,468.00	6,384.69	276.28	29.48	-48.01	-1,500.46	282.33	8,724.00	8,649.55	74.44	117.188		
16,700.00	7,146.68	6,468.00	6,384.69	279.12	29.48	-48.01	-1,500.46	282.33	8,823.22	8,748.72	74.50	118.425		
16,800.00	7,146.92	6,468.00	6,384.69	281.95	29.48	-48.01	-1,500.46	282.33	8,922.46	8,847.90	74.57	119.660		
16,900.00	7,147.16	6,468.00	6,384.69	284.78	29.48	-48.01	-1,500.46	282.33	9,021.72	8,947.09	74.63	120.891		
17,000.00	7,147.40	6,468.00	6,384.69	287.62	29.48	-48.01	-1,500.46	282.33	9,120.99	9,046.30	74.69	122.119		
17,100.00	7,147.64	6,468.00	6,384.69	290.45	29.48	-48.01	-1,500.46	282.33	9,220.28	9,145.53	74.75	123.343		
17,200.00	7,147.88	6,468.00	6,384.69	293.28	29.48	-48.01	-1,500.46	282.33	9,319.59	9,244.77	74.82	124.564		
17,300.00	7,148.12	6,468.00	6,384.69	296.12	29.48	-48.01	-1,500.46	282.33	9,418.91	9,344.02	74.88	125.781		
17,400.00	7,148.36	6,468.00	6,384.69	298.95	29.48	-48.01	-1,500.46	282.33	9,518.24	9,443.29	74.95	126.995		
17,500.00	7,148.60	6,468.00	6,384.69	301.79	29.48	-48.01	-1,500.46	282.33	9,617.59	9,542.57	75.02	128.206		
17,600.00	7,148.84	6,468.00	6,384.69	304.63	29.48	-48.01	-1,500.46	282.33	9,716.95	9,641.87	75.09	129.413		
17,700.00	7,149.08	6,468.00	6,384.69	307.46	29.48	-48.01	-1,500.46	282.33	9,816.32	9,741.17	75.15	130.616		
17,800.00	7,149.32	6,468.00	6,384.69	310.30	29.48	-48.01	-1,500.46	282.33	9,915.71	9,840.49	75.22	131.816		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	137.22	-547.92	506.98	746.57					
100.00	100.00	87.67	87.67	3.28	0.19	137.19	-547.72	507.31	746.57	743.09	3.48	214.711		
200.00	200.00	176.94	176.93	3.34	0.47	137.10	-547.23	508.53	747.13	743.31	3.82	195.785		
300.00	299.98	255.60	255.51	3.44	0.82	16.94	-547.36	511.91	748.52	744.21	4.31	173.647		
400.00	399.84	334.68	334.36	3.60	1.18	16.73	-548.10	517.86	749.35	744.49	4.86	154.183		
500.00	499.45	408.42	407.65	3.80	1.52	16.51	-549.68	525.87	750.03	744.57	5.46	137.334		
600.00	598.70	482.67	481.11	4.04	1.87	16.28	-552.66	536.17	750.84	744.73	6.11	122.907		
700.00	697.47	561.17	558.44	4.33	2.22	16.13	-557.87	548.62	751.56	744.77	6.79	110.723		
800.00	795.62	645.38	641.12	4.65	2.63	16.13	-565.79	562.46	751.39	743.89	7.50	100.234		
865.50	859.53	702.87	697.45	4.89	2.91	16.24	-572.42	571.85	750.44	742.46	7.97	94.110		
900.00	893.10	733.87	727.79	5.02	3.06	16.33	-576.41	576.81	749.82	741.59	8.23	91.075		
1,000.00	990.42	827.66	819.44	5.41	3.53	16.77	-590.52	590.77	748.87	739.87	9.00	83.202		
1,100.00	1,087.73	936.84	926.07	5.83	4.06	17.73	-610.78	602.55	747.88	738.07	9.81	76.208		
1,200.00	1,185.05	1,065.04	1,051.31	6.27	4.65	19.50	-637.49	607.75	744.52	733.81	10.70	69.559		
1,300.00	1,282.36	1,168.00	1,151.59	6.72	5.11	21.42	-660.65	605.35	738.97	727.42	11.55	63.969		
1,400.00	1,379.67	1,253.80	1,234.45	7.18	5.49	23.31	-682.39	600.67	734.79	722.41	12.37	59.385		
1,500.00	1,476.99	1,339.49	1,316.52	7.65	5.88	25.39	-706.31	594.77	733.10	719.88	13.21	55.493		
1,516.04	1,492.60	1,353.17	1,329.57	7.73	5.94	25.73	-710.29	593.76	733.06	719.72	13.35	54.931 CC		
1,600.00	1,574.30	1,428.81	1,401.58	8.13	6.30	27.66	-732.73	587.97	733.78	719.70	14.07	52.136 ES		
1,700.00	1,671.61	1,516.11	1,484.39	8.62	6.73	29.93	-759.44	580.96	736.63	721.69	14.94	49.303		
1,800.00	1,768.93	1,609.76	1,572.88	9.11	7.20	32.41	-789.03	572.97	741.67	725.83	15.85	46.805		
1,900.00	1,866.24	1,711.66	1,669.25	9.60	7.73	35.09	-820.84	563.77	747.75	730.95	16.80	44.503		
2,000.00	1,963.56	1,811.50	1,764.13	10.10	8.26	37.62	-850.65	554.90	754.14	736.39	17.75	42.478		
2,100.00	2,060.87	1,892.05	1,840.71	10.61	8.69	39.59	-874.72	548.41	762.30	743.70	18.60	40.978		
2,200.00	2,158.18	1,966.21	1,910.86	11.11	9.10	41.25	-898.49	544.66	774.45	755.05	19.40	39.925		
2,300.00	2,255.50	2,062.85	2,002.18	11.62	9.65	43.26	-929.94	541.35	788.60	768.26	20.35	38.758		
2,400.00	2,352.81	2,163.47	2,097.44	12.13	10.22	45.22	-962.20	538.64	803.39	782.06	21.33	37.665		
2,500.00	2,450.13	2,267.14	2,195.99	12.65	10.80	47.14	-994.27	535.94	817.90	795.56	22.34	36.611		
2,600.00	2,547.44	2,362.24	2,286.52	13.16	11.34	48.81	-1,023.33	533.91	832.91	809.62	23.29	35.763		
2,700.00	2,644.75	2,460.38	2,379.79	13.68	11.89	50.60	-1,053.61	529.88	848.74	824.47	24.27	34.973		
2,800.00	2,742.07	2,558.63	2,473.36	14.20	12.45	52.32	-1,083.31	526.07	864.74	839.49	25.25	34.245		
2,900.00	2,839.38	2,651.85	2,562.17	14.71	12.98	53.82	-1,111.50	523.45	881.55	855.35	26.20	33.652		
3,000.00	2,936.70	2,744.56	2,650.44	15.23	13.50	55.23	-1,139.80	521.47	899.29	872.15	27.14	33.135		
3,100.00	3,034.01	2,838.02	2,739.34	15.76	14.04	56.58	-1,168.59	519.73	917.87	889.78	28.09	32.673		
3,200.00	3,131.32	2,927.86	2,824.64	16.28	14.55	57.95	-1,196.54	515.97	937.34	908.33	29.02	32.304		
3,300.00	3,228.64	3,015.03	2,907.18	16.80	15.05	59.24	-1,224.29	512.35	958.14	928.23	29.92	32.027		
3,400.00	3,325.95	3,109.55	2,996.51	17.32	15.60	60.56	-1,255.00	508.57	980.13	949.23	30.89	31.728		
3,500.00	3,423.26	3,208.48	3,090.16	17.85	16.18	61.85	-1,286.68	505.32	1,002.08	970.17	31.91	31.401		
3,600.00	3,520.58	3,301.47	3,178.19	18.37	16.72	63.01	-1,316.50	502.30	1,024.54	991.66	32.88	31.164		
3,700.00	3,617.89	3,410.96	3,281.92	18.90	17.35	64.39	-1,351.21	497.49	1,047.25	1,013.24	34.01	30.795		
3,800.00	3,715.21	3,522.40	3,388.15	19.43	17.99	65.70	-1,384.64	493.49	1,068.53	1,033.38	35.15	30.398		
3,900.00	3,812.52	3,635.59	3,496.50	19.95	18.63	66.89	-1,417.30	491.16	1,088.82	1,052.52	36.30	29.992		
4,000.00	3,909.83	3,722.71	3,579.94	20.48	19.11	67.76	-1,442.31	489.61	1,109.22	1,072.00	37.22	29.803		
4,100.00	4,007.15	3,816.32	3,669.50	21.01	19.64	68.72	-1,469.38	486.83	1,130.38	1,092.19	38.19	29.596		
4,200.00	4,104.46	3,920.67	3,769.65	21.53	20.22	69.78	-1,498.48	483.34	1,150.90	1,111.63	39.27	29.306		
4,300.00	4,201.78	3,992.00	3,837.75	22.06	20.63	70.48	-1,519.53	480.63	1,173.33	1,133.30	40.03	29.310		
4,400.00	4,299.09	4,050.30	3,892.94	22.59	20.97	71.04	-1,538.12	478.04	1,198.48	1,157.84	40.64	29.492		
4,500.00	4,396.40	4,120.13	3,958.55	23.12	21.38	71.69	-1,561.79	474.61	1,226.13	1,184.78	41.35	29.652		
4,600.00	4,493.72	4,194.88	4,028.32	23.65	21.84	72.35	-1,588.35	470.87	1,255.67	1,213.56	42.11	29.816		
4,700.00	4,591.03	4,273.13	4,100.96	24.18	22.32	73.00	-1,617.21	467.05	1,286.71	1,243.79	42.92	29.979		
4,800.00	4,688.34	4,383.87	4,203.74	24.71	23.01	73.84	-1,658.15	462.25	1,317.90	1,273.75	44.15	29.851		
4,900.00	4,785.66	4,490.91	4,303.52	25.24	23.66	74.62	-1,696.64	457.95	1,348.20	1,302.88	45.32	29.746		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,000.00	4,882.97	4,603.50	4,408.89	25.77	24.35	75.39	-1,736.10	453.90	1,377.69	1,331.13	46.56	29.591		
5,100.00	4,980.29	4,711.85	4,510.82	26.30	25.00	76.11	-1,772.69	450.33	1,405.98	1,358.25	47.73	29.455		
5,200.00	5,077.60	4,824.17	4,616.82	26.83	25.66	76.83	-1,809.64	446.64	1,433.63	1,384.68	48.95	29.290		
5,300.00	5,174.91	4,944.98	4,731.40	27.36	26.37	77.57	-1,847.78	443.31	1,460.00	1,409.76	50.24	29.062		
5,400.00	5,272.23	5,072.68	4,853.35	27.89	27.09	78.32	-1,885.59	440.69	1,484.35	1,432.78	51.57	28.781		
5,500.00	5,369.54	5,168.04	4,944.79	28.42	27.63	78.90	-1,912.49	438.12	1,507.82	1,455.24	52.58	28.675		
5,600.00	5,466.86	5,261.60	5,034.39	28.95	28.16	79.45	-1,939.34	435.67	1,531.85	1,478.28	53.58	28.592		
5,700.00	5,564.17	5,354.95	5,123.73	29.48	28.68	79.96	-1,966.32	433.78	1,556.00	1,501.43	54.57	28.515		
5,800.00	5,661.48	5,501.65	5,264.52	30.01	29.50	80.69	-2,007.49	432.18	1,579.26	1,523.20	56.06	28.171		
5,900.00	5,758.80	5,593.93	5,353.48	30.54	30.01	81.14	-2,031.99	432.00	1,600.75	1,543.72	57.04	28.065		
6,000.00	5,856.11	5,675.98	5,432.45	31.07	30.46	81.52	-2,054.26	431.53	1,623.03	1,565.11	57.92	28.020		
6,100.00	5,953.43	5,762.00	5,515.13	31.61	30.94	81.91	-2,078.00	431.15	1,645.82	1,586.97	58.85	27.968		
6,200.00	6,050.74	5,827.34	5,577.73	32.14	31.30	82.20	-2,096.68	430.37	1,669.97	1,610.41	59.56	28.038		
6,300.00	6,148.05	5,950.71	5,695.77	32.67	32.00	82.82	-2,132.26	425.98	1,695.53	1,634.67	60.86	27.861		
6,400.00	6,245.37	6,009.96	5,752.60	33.20	32.33	83.13	-2,148.84	423.49	1,720.49	1,658.98	61.50	27.973		
6,500.00	6,342.68	6,077.28	5,816.70	33.73	32.72	83.46	-2,169.20	420.73	1,747.50	1,685.28	62.22	28.087		
6,520.81	6,362.93	6,093.93	5,832.52	33.85	32.82	83.53	-2,174.37	420.06	1,753.28	1,690.89	62.40	28.099		
6,550.00	6,391.46	6,117.40	5,854.79	34.00	32.95	77.98	-2,181.71	419.13	1,761.22	1,698.58	62.64	28.117		
6,600.00	6,440.79	6,253.31	5,984.74	34.23	33.72	60.24	-2,221.26	415.48	1,772.15	1,708.13	64.03	27.678		
6,650.00	6,490.44	6,284.11	6,014.31	34.43	33.90	25.76	-2,229.85	415.03	1,780.97	1,716.68	64.29	27.701		
6,700.00	6,540.10	6,325.00	6,053.41	34.60	34.12	-9.90	-2,241.79	414.44	1,788.75	1,724.13	64.63	27.678		
6,750.00	6,589.46	6,346.58	6,073.99	34.76	34.25	-29.36	-2,248.32	414.12	1,795.33	1,730.58	64.75	27.729		
6,800.00	6,638.22	6,378.62	6,104.45	34.92	34.44	-39.24	-2,258.23	413.59	1,800.79	1,735.82	64.97	27.718		
6,850.00	6,686.09	6,418.00	6,141.76	35.07	34.66	-45.01	-2,270.79	412.85	1,805.15	1,739.87	65.28	27.653		
6,900.00	6,732.75	6,448.34	6,170.45	35.24	34.84	-48.73	-2,280.64	412.23	1,808.27	1,742.77	65.50	27.608		
6,950.00	6,777.94	6,488.15	6,208.06	35.42	35.08	-51.59	-2,293.66	411.39	1,810.12	1,744.28	65.85	27.490		
7,000.00	6,821.36	6,527.70	6,245.40	35.61	35.32	-53.93	-2,306.68	410.55	1,810.76	1,744.55	66.21	27.347		
7,050.00	6,862.75	6,566.95	6,282.42	35.83	35.55	-55.98	-2,319.68	409.80	1,810.26	1,743.65	66.61	27.177		
7,100.00	6,901.85	6,604.38	6,317.71	36.06	35.77	-57.86	-2,332.15	409.17	1,808.74	1,741.72	67.02	26.988		
7,150.00	6,938.43	6,659.05	6,369.35	36.32	36.10	-60.05	-2,350.10	408.34	1,806.15	1,738.48	67.67	26.691		
7,200.00	6,972.26	6,709.84	6,417.48	36.61	36.40	-62.17	-2,366.28	407.60	1,802.51	1,734.20	68.31	26.387		
7,250.00	7,003.13	6,754.88	6,460.29	36.93	36.65	-64.18	-2,380.28	407.12	1,798.09	1,729.16	68.93	26.086		
7,300.00	7,030.85	6,795.16	6,498.66	37.29	36.89	-66.08	-2,392.53	406.85	1,793.15	1,723.60	69.55	25.782		
7,350.00	7,055.25	6,823.95	6,526.12	37.68	37.05	-67.66	-2,401.18	406.78	1,787.99	1,717.88	70.10	25.505		
7,400.00	7,076.17	6,848.67	6,549.71	38.12	37.19	-69.09	-2,408.55	406.79	1,782.84	1,712.17	70.67	25.226		
7,450.00	7,093.50	6,868.71	6,568.85	38.60	37.31	-70.33	-2,414.50	406.85	1,777.90	1,706.64	71.25	24.951		
7,500.00	7,107.11	6,884.03	6,583.48	39.11	37.39	-71.36	-2,419.02	406.93	1,773.31	1,701.47	71.84	24.683		
7,550.00	7,116.94	6,894.60	6,593.59	39.66	37.45	-72.16	-2,422.13	407.01	1,769.21	1,696.78	72.44	24.424		
7,600.00	7,122.91	6,900.46	6,599.19	40.24	37.49	-72.72	-2,423.85	407.05	1,765.71	1,692.68	73.03	24.178		
7,650.18	7,125.00	6,901.67	6,600.34	40.85	37.49	-73.03	-2,424.21	407.06	1,762.84	1,689.22	73.62	23.946		
7,700.00	7,125.12	6,900.57	6,599.29	41.48	37.49	-72.99	-2,423.88	407.05	1,761.04	1,686.82	74.22	23.728		
7,738.87	7,125.21	6,899.72	6,598.48	42.02	37.48	-72.97	-2,423.64	407.05	1,760.61	1,685.89	74.72	23.562		
7,800.00	7,125.36	6,898.40	6,597.23	42.88	37.48	-72.92	-2,423.25	407.03	1,761.67	1,686.15	75.52	23.328		
7,900.00	7,125.60	6,896.30	6,595.21	44.42	37.46	-72.86	-2,422.63	407.02	1,767.97	1,691.05	76.92	22.985		
8,000.00	7,125.84	6,894.25	6,593.26	46.10	37.45	-72.79	-2,422.03	407.00	1,779.86	1,701.48	78.39	22.706		
8,100.00	7,126.08	6,892.26	6,591.35	47.89	37.44	-72.72	-2,421.44	406.99	1,797.25	1,717.37	79.89	22.498		
8,200.00	7,126.32	6,890.31	6,589.49	49.79	37.43	-72.66	-2,420.87	406.97	1,819.97	1,738.59	81.38	22.363		
8,300.00	7,126.56	6,888.42	6,587.68	51.79	37.42	-72.60	-2,420.31	406.96	1,847.84	1,764.98	82.86	22.302 SF		
8,400.00	7,126.80	6,886.57	6,585.92	53.86	37.41	-72.54	-2,419.77	406.95	1,880.61	1,796.33	84.28	22.315		
8,500.00	7,127.04	6,884.77	6,584.20	56.00	37.40	-72.48	-2,419.24	406.94	1,918.03	1,832.40	85.63	22.399		
8,600.00	7,127.28	6,883.02	6,582.52	58.21	37.39	-72.42	-2,418.72	406.93	1,959.85	1,872.95	86.91	22.551		
8,689.38	7,127.49	6,881.48	6,581.05	60.24	37.38	-72.37	-2,418.27	406.92	2,000.72	1,912.75	87.97	22.742		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,700.00	7,127.52	6,881.31	6,580.89	60.48	37.38	-72.40	-2,418.22	406.92	2,005.77	1,917.67	88.10	22.768		
8,800.00	7,127.76	6,880.27	6,579.90	62.79	37.37	-72.69	-2,417.91	406.91	2,053.81	1,964.60	89.21	23.023		
8,841.07	7,127.85	6,880.16	6,579.79	63.74	37.37	-72.82	-2,417.88	406.91	2,073.78	1,984.13	89.64	23.134		
8,900.00	7,128.00	6,880.13	6,579.76	65.12	37.37	-72.82	-2,417.87	406.91	2,103.15	2,012.91	90.24	23.305		
9,000.00	7,128.23	6,880.07	6,579.70	67.50	37.37	-72.82	-2,417.85	406.91	2,155.78	2,064.58	91.20	23.639		
9,100.00	7,128.47	6,880.01	6,579.65	69.91	37.37	-72.82	-2,417.84	406.91	2,211.67	2,119.61	92.06	24.023		
9,200.00	7,128.71	6,879.96	6,579.60	72.35	37.37	-72.82	-2,417.82	406.91	2,270.60	2,177.75	92.85	24.455		
9,300.00	7,128.95	6,879.90	6,579.55	74.83	37.37	-72.81	-2,417.80	406.91	2,332.32	2,238.77	93.56	24.929		
9,400.00	7,129.19	6,879.85	6,579.50	77.33	37.37	-72.81	-2,417.79	406.91	2,396.63	2,302.44	94.19	25.444		
9,500.00	7,129.43	6,879.80	6,579.45	79.86	37.37	-72.81	-2,417.77	406.91	2,463.33	2,368.57	94.76	25.995		
9,600.00	7,129.67	6,879.75	6,579.40	82.41	37.37	-72.81	-2,417.76	406.91	2,532.21	2,436.94	95.27	26.579		
9,700.00	7,129.91	6,879.70	6,579.35	84.97	37.37	-72.81	-2,417.75	406.91	2,603.12	2,507.39	95.72	27.194		
9,800.00	7,130.15	6,879.66	6,579.31	87.56	37.37	-72.81	-2,417.73	406.91	2,675.88	2,579.76	96.12	27.838		
9,900.00	7,130.39	6,879.61	6,579.26	90.16	37.37	-72.80	-2,417.72	406.91	2,750.36	2,653.87	96.48	28.506		
10,000.00	7,130.63	6,879.56	6,579.22	92.78	37.37	-72.80	-2,417.70	406.91	2,826.41	2,729.61	96.80	29.198		
10,100.00	7,130.87	6,879.52	6,579.18	95.41	37.37	-72.80	-2,417.69	406.91	2,903.91	2,806.83	97.08	29.912		
10,200.00	7,131.11	6,879.47	6,579.14	98.06	37.37	-72.80	-2,417.68	406.91	2,982.75	2,885.42	97.33	30.646		
10,300.00	7,131.35	6,879.43	6,579.09	100.71	37.37	-72.80	-2,417.67	406.91	3,062.83	2,965.28	97.55	31.398		
10,400.00	7,131.59	6,879.39	6,579.05	103.38	37.37	-72.80	-2,417.65	406.91	3,144.05	3,046.31	97.74	32.166		
10,500.00	7,131.83	6,879.35	6,579.02	106.06	37.37	-72.80	-2,417.64	406.90	3,226.32	3,128.41	97.91	32.950		
10,600.00	7,132.07	6,879.31	6,578.98	108.74	37.37	-72.80	-2,417.63	406.90	3,309.58	3,211.51	98.07	33.748		
10,700.00	7,132.31	6,879.27	6,578.94	111.44	37.37	-72.79	-2,417.62	406.90	3,393.73	3,295.53	98.20	34.560		
10,800.00	7,132.55	6,879.23	6,578.90	114.14	37.37	-72.79	-2,417.61	406.90	3,478.73	3,380.41	98.32	35.383		
10,900.00	7,132.79	6,879.19	6,578.87	116.85	37.37	-72.79	-2,417.59	406.90	3,564.50	3,466.08	98.42	36.217		
11,000.00	7,133.03	6,879.16	6,578.83	119.57	37.37	-72.79	-2,417.58	406.90	3,651.00	3,552.48	98.51	37.062		
11,100.00	7,133.27	6,879.12	6,578.80	122.29	37.37	-72.79	-2,417.57	406.90	3,738.17	3,639.57	98.59	37.916		
11,200.00	7,133.51	6,879.08	6,578.76	125.02	37.37	-72.79	-2,417.56	406.90	3,825.96	3,727.30	98.66	38.779		
11,300.00	7,133.74	6,879.05	6,578.73	127.76	37.37	-72.79	-2,417.55	406.90	3,914.35	3,815.62	98.72	39.649		
11,400.00	7,133.98	6,879.01	6,578.70	130.50	37.37	-72.79	-2,417.54	406.90	4,003.28	3,904.50	98.78	40.528		
11,500.00	7,134.22	6,878.98	6,578.66	133.24	37.37	-72.78	-2,417.53	406.90	4,092.72	3,993.89	98.83	41.413		
11,600.00	7,134.46	6,878.95	6,578.63	135.99	37.37	-72.78	-2,417.52	406.90	4,182.64	4,083.77	98.87	42.305		
11,700.00	7,134.70	6,878.92	6,578.60	138.75	37.37	-72.78	-2,417.51	406.90	4,273.01	4,174.10	98.91	43.203		
11,800.00	7,134.94	6,878.88	6,578.57	141.51	37.36	-72.78	-2,417.50	406.90	4,363.80	4,264.86	98.94	44.106		
11,900.00	7,135.18	6,878.85	6,578.54	144.27	37.36	-72.78	-2,417.49	406.90	4,454.98	4,356.01	98.97	45.015		
12,000.00	7,135.42	6,878.82	6,578.51	147.03	37.36	-72.78	-2,417.49	406.90	4,546.53	4,447.54	98.99	45.928		
12,100.00	7,135.66	6,878.79	6,578.48	149.80	37.36	-72.78	-2,417.48	406.90	4,638.44	4,539.42	99.01	46.846		
12,200.00	7,135.90	6,878.76	6,578.45	152.58	37.36	-72.78	-2,417.47	406.90	4,730.67	4,631.63	99.03	47.768		
12,300.00	7,136.14	6,878.73	6,578.43	155.35	37.36	-72.78	-2,417.46	406.90	4,823.21	4,724.15	99.05	48.694		
12,400.00	7,136.38	6,878.70	6,578.40	158.13	37.36	-72.78	-2,417.45	406.90	4,916.04	4,816.97	99.07	49.623		
12,500.00	7,136.62	6,878.68	6,578.37	160.91	37.36	-72.78	-2,417.44	406.90	5,009.15	4,910.06	99.08	50.555		
12,600.00	7,136.86	6,878.65	6,578.34	163.70	37.36	-72.77	-2,417.43	406.90	5,102.52	5,003.42	99.10	51.491		
12,700.00	7,137.10	6,878.62	6,578.32	166.48	37.36	-72.77	-2,417.43	406.90	5,196.13	5,097.02	99.11	52.429		
12,800.00	7,137.34	6,887.00	6,586.33	169.27	37.41	-73.04	-2,419.90	406.95	5,289.99	5,190.78	99.21	53.322		
12,900.00	7,137.58	6,887.00	6,586.33	172.06	37.41	-73.04	-2,419.90	406.95	5,384.06	5,284.84	99.22	54.264		
13,000.00	7,137.82	6,887.00	6,586.33	174.86	37.41	-73.04	-2,419.90	406.95	5,478.34	5,379.12	99.23	55.209		
13,100.00	7,138.06	6,887.00	6,586.33	177.65	37.41	-73.04	-2,419.90	406.95	5,572.83	5,473.59	99.24	56.155		
13,200.00	7,138.30	6,887.00	6,586.33	180.45	37.41	-73.04	-2,419.90	406.95	5,667.50	5,568.25	99.25	57.104		
13,300.00	7,138.54	6,887.00	6,586.33	183.25	37.41	-73.04	-2,419.90	406.95	5,762.35	5,663.09	99.26	58.054		
13,400.00	7,138.78	6,887.00	6,586.33	186.05	37.41	-73.04	-2,419.90	406.95	5,857.37	5,758.10	99.27	59.005		
13,500.00	7,139.02	6,887.00	6,586.33	188.85	37.41	-73.04	-2,419.90	406.95	5,952.55	5,853.27	99.28	59.958		
13,600.00	7,139.25	6,887.00	6,586.33	191.65	37.41	-73.04	-2,419.90	406.95	6,047.89	5,948.60	99.29	60.912		
13,700.00	7,139.49	6,887.00	6,586.33	194.46	37.41	-73.04	-2,419.90	406.95	6,143.38	6,044.08	99.30	61.868		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,800.00	7,139.73	6,887.00	6,586.33	197.27	37.41	-73.04	-2,419.90	406.95	6,239.01	6,139.70	99.31	62.824		
13,900.00	7,139.97	6,887.00	6,586.33	200.08	37.41	-73.04	-2,419.90	406.95	6,334.77	6,235.45	99.32	63.781		
14,000.00	7,140.21	6,887.00	6,586.33	202.89	37.41	-73.04	-2,419.90	406.95	6,430.67	6,331.33	99.33	64.739		
14,100.00	7,140.45	6,887.00	6,586.33	205.70	37.41	-73.04	-2,419.90	406.95	6,526.68	6,427.34	99.34	65.698		
14,200.00	7,140.69	6,887.00	6,586.33	208.51	37.41	-73.04	-2,419.90	406.95	6,622.82	6,523.46	99.36	66.657		
14,300.00	7,140.93	6,887.00	6,586.33	211.32	37.41	-73.04	-2,419.90	406.95	6,719.06	6,619.70	99.37	67.617		
14,400.00	7,141.17	6,887.00	6,586.33	214.14	37.41	-73.04	-2,419.90	406.95	6,815.42	6,716.04	99.38	68.577		
14,500.00	7,141.41	6,887.00	6,586.33	216.95	37.41	-73.04	-2,419.90	406.95	6,911.88	6,812.48	99.40	69.538		
14,600.00	7,141.65	6,887.00	6,586.33	219.77	37.41	-73.04	-2,419.90	406.95	7,008.44	6,909.03	99.41	70.499		
14,700.00	7,141.89	6,887.00	6,586.33	222.59	37.41	-73.04	-2,419.90	406.95	7,105.09	7,005.66	99.43	71.460		
14,800.00	7,142.13	6,887.00	6,586.33	225.41	37.41	-73.04	-2,419.90	406.95	7,201.84	7,102.39	99.44	72.421		
14,900.00	7,142.37	6,887.00	6,586.33	228.23	37.41	-73.04	-2,419.90	406.95	7,298.67	7,199.21	99.46	73.382		
15,000.00	7,142.61	6,887.00	6,586.33	231.05	37.41	-73.04	-2,419.90	406.95	7,395.59	7,296.11	99.48	74.343		
15,100.00	7,142.85	6,887.00	6,586.33	233.87	37.41	-73.04	-2,419.90	406.95	7,492.58	7,393.09	99.50	75.305		
15,200.00	7,143.09	6,887.00	6,586.33	236.69	37.41	-73.04	-2,419.90	406.95	7,589.66	7,490.14	99.52	76.265		
15,300.00	7,143.33	6,887.00	6,586.33	239.52	37.41	-73.04	-2,419.90	406.95	7,686.81	7,587.27	99.54	77.226		
15,400.00	7,143.57	6,887.00	6,586.33	242.34	37.41	-73.04	-2,419.90	406.95	7,784.03	7,684.48	99.56	78.186		
15,500.00	7,143.81	6,887.00	6,586.33	245.17	37.41	-73.04	-2,419.90	406.95	7,881.33	7,781.75	99.58	79.147		
15,600.00	7,144.05	6,887.00	6,586.33	247.99	37.41	-73.04	-2,419.90	406.95	7,978.68	7,879.08	99.60	80.106		
15,700.00	7,144.29	6,887.00	6,586.33	250.82	37.41	-73.04	-2,419.90	406.95	8,076.11	7,976.48	99.62	81.065		
15,800.00	7,144.53	6,887.00	6,586.33	253.64	37.41	-73.04	-2,419.90	406.95	8,173.59	8,073.95	99.65	82.024		
15,900.00	7,144.76	6,887.00	6,586.33	256.47	37.41	-73.04	-2,419.90	406.95	8,271.14	8,171.47	99.67	82.982		
16,000.00	7,145.00	6,887.00	6,586.33	259.30	37.41	-73.04	-2,419.90	406.95	8,368.74	8,269.05	99.70	83.940		
16,100.00	7,145.24	6,887.00	6,586.33	262.13	37.41	-73.04	-2,419.90	406.95	8,466.40	8,366.68	99.73	84.897		
16,200.00	7,145.48	6,887.00	6,586.33	264.96	37.41	-73.04	-2,419.90	406.95	8,564.12	8,464.37	99.75	85.853		
16,300.00	7,145.72	6,887.00	6,586.33	267.79	37.41	-73.04	-2,419.90	406.95	8,661.89	8,562.10	99.78	86.809		
16,400.00	7,145.96	6,887.00	6,586.33	270.62	37.41	-73.04	-2,419.90	406.95	8,759.70	8,659.89	99.81	87.764		
16,500.00	7,146.20	6,887.00	6,586.33	273.45	37.41	-73.04	-2,419.90	406.95	8,857.57	8,757.73	99.84	88.718		
16,600.00	7,146.44	6,887.00	6,586.33	276.28	37.41	-73.04	-2,419.90	406.95	8,955.48	8,855.61	99.87	89.671		
16,700.00	7,146.68	6,887.00	6,586.33	279.12	37.41	-73.04	-2,419.90	406.95	9,053.44	8,953.54	99.90	90.624		
16,800.00	7,146.92	6,887.00	6,586.33	281.95	37.41	-73.04	-2,419.90	406.95	9,151.44	9,051.51	99.93	91.575		
16,900.00	7,147.16	6,887.00	6,586.33	284.78	37.41	-73.04	-2,419.90	406.95	9,249.49	9,149.52	99.97	92.526		
17,000.00	7,147.40	6,887.00	6,586.33	287.62	37.41	-73.04	-2,419.90	406.95	9,347.57	9,247.57	100.00	93.475		
17,100.00	7,147.64	6,887.00	6,586.33	290.45	37.41	-73.04	-2,419.90	406.95	9,445.70	9,345.66	100.03	94.424		
17,200.00	7,147.88	6,887.00	6,586.33	293.28	37.41	-73.04	-2,419.90	406.95	9,543.86	9,443.79	100.07	95.372		
17,300.00	7,148.12	6,887.00	6,586.33	296.12	37.41	-73.04	-2,419.90	406.95	9,642.07	9,541.96	100.11	96.318		
17,400.00	7,148.36	6,887.00	6,586.33	298.95	37.41	-73.04	-2,419.90	406.95	9,740.31	9,640.16	100.14	97.263		
17,500.00	7,148.60	6,887.00	6,586.33	301.79	37.41	-73.04	-2,419.90	406.95	9,838.58	9,738.40	100.18	98.208		
17,600.00	7,148.84	6,887.00	6,586.33	304.63	37.41	-73.04	-2,419.90	406.95	9,936.89	9,836.67	100.22	99.151		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	133.86	-487.80	507.54	704.04					
100.00	100.00	85.08	85.08	3.28	3.29	133.88	-488.12	507.56	704.20	697.63	6.57	107.181		
200.00	200.00	180.66	180.65	3.34	3.30	133.94	-489.24	507.64	705.07	698.43	6.64	106.159		
300.00	299.98	284.47	284.45	3.44	3.36	14.06	-490.81	507.83	704.57	697.76	6.81	103.534		
400.00	399.84	389.81	389.79	3.60	3.49	14.16	-490.60	508.21	699.61	692.52	7.09	98.728		
500.00	499.45	491.71	491.69	3.80	3.66	14.35	-490.11	508.26	690.86	683.40	7.46	92.628		
600.00	598.70	578.07	578.04	4.04	3.84	14.60	-489.99	508.73	679.37	671.49	7.88	86.249		
700.00	697.47	663.66	663.57	4.33	4.04	14.74	-489.68	512.00	666.66	658.30	8.36	79.726		
800.00	795.62	749.23	748.91	4.65	4.27	14.74	-488.80	518.19	652.57	643.67	8.91	73.278		
865.50	859.53	806.24	805.63	4.89	4.44	14.68	-488.07	523.80	642.63	633.34	9.29	69.152		
900.00	893.10	837.32	836.52	5.02	4.53	14.60	-487.66	527.21	637.28	627.77	9.51	67.034		
1,000.00	990.42	933.49	932.03	5.41	4.84	14.32	-486.61	538.42	622.43	612.27	10.16	61.249		
1,100.00	1,087.73	1,042.18	1,040.22	5.83	5.20	14.25	-487.00	548.66	607.02	596.14	10.89	55.763		
1,200.00	1,185.05	1,161.91	1,159.79	6.27	5.62	14.62	-488.38	554.53	588.95	577.28	11.67	50.471		
1,300.00	1,282.36	1,275.55	1,273.42	6.72	6.01	15.26	-488.73	555.52	567.44	555.01	12.44	45.616		
1,400.00	1,379.67	1,375.96	1,373.83	7.18	6.36	15.89	-488.02	555.16	544.49	531.30	13.19	41.278		
1,500.00	1,476.99	1,472.37	1,470.23	7.65	6.71	16.61	-487.62	554.32	521.46	507.51	13.95	37.377		
1,600.00	1,574.30	1,567.12	1,564.98	8.13	7.06	17.39	-487.43	553.63	498.77	484.04	14.73	33.870		
1,700.00	1,671.61	1,663.00	1,660.85	8.62	7.42	18.16	-487.18	553.89	476.78	461.26	15.52	30.718		
1,800.00	1,768.93	1,761.82	1,759.67	9.11	7.81	19.00	-486.55	554.08	454.56	438.22	16.33	27.830		
1,900.00	1,866.24	1,860.19	1,858.04	9.60	8.20	19.90	-485.87	554.49	432.54	415.38	17.16	25.213		
2,000.00	1,963.56	1,973.02	1,970.78	10.10	8.64	20.73	-481.74	555.13	408.53	390.55	17.98	22.727		
2,100.00	2,060.87	2,086.83	2,084.23	10.61	9.10	21.43	-472.75	553.94	380.41	361.65	18.75	20.285		
2,200.00	2,158.18	2,194.39	2,191.00	11.11	9.53	22.05	-460.21	550.74	348.34	328.84	19.50	17.863		
2,300.00	2,255.50	2,290.45	2,286.05	11.62	9.93	22.55	-446.83	547.32	314.30	294.00	20.30	15.484		
2,400.00	2,352.81	2,389.84	2,384.05	12.13	10.33	22.51	-430.31	545.70	279.40	258.35	21.05	13.273		
2,500.00	2,450.13	2,486.43	2,478.70	12.65	10.74	21.70	-411.11	545.35	242.81	221.00	21.81	11.132		
2,600.00	2,547.44	2,584.95	2,574.52	13.16	11.15	19.68	-388.22	545.95	204.45	181.95	22.50	9.087		
2,700.00	2,644.75	2,678.99	2,665.18	13.68	11.55	15.90	-363.28	546.87	164.33	141.08	23.25	7.069		
2,800.00	2,742.07	2,770.71	2,753.19	14.20	11.95	9.29	-337.47	547.72	124.14	100.05	24.10	5.152		
2,900.00	2,839.38	2,862.74	2,841.28	14.71	12.35	-3.21	-310.85	547.25	85.12	60.02	25.10	3.392		
3,000.00	2,936.70	2,952.76	2,927.10	15.23	12.76	-31.34	-283.74	545.48	53.29	26.29	27.01	1.973		
3,055.23	2,990.44	3,001.58	2,973.61	15.52	12.98	-57.10	-268.95	544.14	46.63	18.37	28.26	1.650 CC, ES, SF		
3,100.00	3,034.01	3,041.03	3,011.16	15.76	13.17	-78.41	-256.91	543.26	51.11	22.67	28.45	1.797		
3,200.00	3,131.32	3,130.27	3,096.12	16.28	13.58	-108.94	-229.69	541.07	81.69	53.50	28.19	2.898		
3,300.00	3,228.64	3,218.87	3,180.56	16.80	14.00	-122.32	-202.98	538.54	122.27	93.80	28.47	4.295		
3,400.00	3,325.95	3,309.67	3,267.16	17.32	14.43	-128.58	-175.72	537.68	165.32	136.10	29.22	5.659		
3,500.00	3,423.26	3,402.59	3,356.21	17.85	14.87	-132.44	-149.16	536.76	208.01	177.89	30.12	6.906		
3,600.00	3,520.58	3,496.59	3,446.58	18.37	15.32	-134.55	-123.34	537.94	249.57	218.50	31.07	8.032		
3,700.00	3,617.89	3,585.09	3,531.91	18.90	15.74	-136.27	-99.91	537.93	290.81	259.00	31.81	9.143		
3,800.00	3,715.21	3,676.30	3,619.73	19.43	16.18	-137.84	-75.29	536.38	333.20	300.55	32.65	10.205		
3,900.00	3,812.52	3,763.55	3,703.97	19.95	16.60	-139.25	-52.76	533.83	375.17	341.79	33.38	11.240		
4,000.00	3,909.83	3,845.96	3,783.03	20.48	17.00	-140.17	-29.58	531.65	419.13	385.14	33.99	12.331		
4,100.00	4,007.15	3,930.74	3,863.82	21.01	17.42	-140.59	-3.90	531.48	464.22	429.51	34.71	13.374		
4,200.00	4,104.46	4,016.83	3,945.40	21.53	17.85	-140.73	23.57	532.43	510.24	474.75	35.49	14.377		
4,300.00	4,201.78	4,114.91	4,038.49	22.06	18.34	-140.82	54.39	534.17	555.63	519.04	36.59	15.186		
4,400.00	4,299.09	4,215.82	4,135.03	22.59	18.85	-141.08	83.73	535.21	599.24	561.53	37.72	15.887		
4,500.00	4,396.40	4,312.61	4,228.14	23.12	19.33	-141.42	110.19	535.44	641.65	602.92	38.73	16.569		
4,600.00	4,493.72	4,401.74	4,314.16	23.65	19.77	-141.81	133.53	534.82	683.42	643.86	39.56	17.275		
4,700.00	4,591.03	4,479.81	4,389.25	24.18	20.16	-142.15	154.84	533.48	726.54	686.37	40.17	18.085		
4,800.00	4,688.34	4,571.91	4,477.80	24.71	20.62	-142.60	179.97	530.64	770.20	729.12	41.08	18.749		
4,900.00	4,785.66	4,650.13	4,552.86	25.24	21.01	-142.92	201.85	528.18	814.48	772.77	41.71	19.527		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
5,000.00	4,882.97	4,749.10	4,647.78	25.77	21.51	-143.27	229.73	525.26	858.91	816.15	42.76	20.087		
5,100.00	4,980.29	4,821.67	4,717.30	26.30	21.88	-143.50	250.42	523.08	903.65	860.35	43.30	20.870		
5,200.00	5,077.60	4,928.89	4,819.69	26.83	22.43	-143.68	282.18	521.43	948.86	904.34	44.51	21.317		
5,300.00	5,174.91	5,017.89	4,904.98	27.36	22.88	-143.78	307.59	520.96	992.68	947.31	45.37	21.878		
5,400.00	5,272.23	5,110.20	4,993.56	27.89	23.35	-143.95	333.52	519.46	1,036.56	990.26	46.29	22.391		
5,500.00	5,369.54	5,204.14	5,083.84	28.42	23.83	-144.14	359.43	517.63	1,080.13	1,032.89	47.24	22.865		
5,600.00	5,466.86	5,301.19	5,177.21	28.95	24.32	-144.30	385.85	516.09	1,123.27	1,075.04	48.23	23.289		
5,700.00	5,564.17	5,417.89	5,289.98	29.48	24.91	-144.48	415.84	515.21	1,164.72	1,115.19	49.53	23.517		
5,800.00	5,661.48	5,484.92	5,354.80	30.01	25.24	-144.62	432.86	513.98	1,206.44	1,156.40	50.04	24.111		
5,900.00	5,758.80	5,564.55	5,431.54	30.54	25.65	-144.79	454.01	511.69	1,249.55	1,198.80	50.75	24.624		
6,000.00	5,856.11	5,648.16	5,512.01	31.07	26.07	-144.97	476.51	508.82	1,293.21	1,241.69	51.52	25.101		
6,100.00	5,953.43	5,744.62	5,604.87	31.61	26.56	-145.19	502.32	504.89	1,337.04	1,284.54	52.50	25.468		
6,200.00	6,050.74	5,823.20	5,680.56	32.14	26.96	-145.35	523.22	501.97	1,380.61	1,327.41	53.20	25.952		
6,300.00	6,148.05	5,895.86	5,750.20	32.67	27.34	-145.45	543.84	499.56	1,425.45	1,371.64	53.81	26.490		
6,400.00	6,245.37	5,980.90	5,831.48	33.20	27.78	-145.54	568.73	497.03	1,470.91	1,416.28	54.63	26.927		
6,500.00	6,342.68	6,093.31	5,938.96	33.73	28.37	-145.62	601.52	494.40	1,516.10	1,460.23	55.87	27.137		
6,520.81	6,362.93	6,128.73	5,972.96	33.85	28.55	-145.64	611.43	493.99	1,525.18	1,468.88	56.30	27.089		
6,550.00	6,391.46	6,163.99	6,006.89	34.00	28.73	-153.02	621.02	493.78	1,537.37	1,480.68	56.69	27.119		
6,600.00	6,440.79	6,208.84	6,050.10	34.23	28.96	-173.49	633.03	493.23	1,556.85	1,499.74	57.11	27.262		
6,650.00	6,490.44	6,242.00	6,082.07	34.43	29.13	150.01	641.80	492.55	1,574.60	1,517.26	57.34	27.462		
6,700.00	6,540.10	6,281.70	6,120.30	34.60	29.33	112.84	652.46	491.54	1,590.73	1,533.07	57.65	27.592		
6,750.00	6,589.46	6,312.69	6,150.04	34.76	29.49	92.12	661.11	490.68	1,605.40	1,547.57	57.84	27.758		
6,800.00	6,638.22	6,345.92	6,181.85	34.92	29.67	81.44	670.69	489.69	1,618.56	1,560.50	58.06	27.879		
6,850.00	6,686.09	6,385.89	6,220.05	35.07	29.87	75.42	682.36	488.43	1,629.99	1,571.60	58.39	27.915		
6,900.00	6,732.75	6,424.99	6,257.40	35.24	30.08	71.72	693.88	487.12	1,639.66	1,580.93	58.73	27.918		
6,950.00	6,777.94	6,527.06	6,355.18	35.42	30.61	70.60	723.08	485.75	1,646.84	1,586.81	60.03	27.432		
7,000.00	6,821.36	6,566.31	6,392.94	35.61	30.81	69.28	733.81	485.68	1,651.59	1,591.15	60.44	27.328		
7,050.00	6,862.75	6,608.08	6,433.19	35.83	31.03	68.64	744.96	485.11	1,654.70	1,593.78	60.91	27.165		
7,100.00	6,901.85	6,634.17	6,458.33	36.06	31.16	68.11	751.89	484.53	1,656.42	1,595.21	61.22	27.059		
7,150.00	6,938.43	6,656.36	6,479.67	36.32	31.28	67.83	757.96	483.99	1,657.10	1,595.58	61.52	26.937		
7,200.00	6,972.26	6,676.98	6,499.45	36.61	31.38	67.78	763.75	483.45	1,656.82	1,594.96	61.86	26.784		
7,250.00	7,003.13	6,695.91	6,517.58	36.93	31.48	67.90	769.19	482.92	1,655.68	1,593.43	62.25	26.598		
7,300.00	7,030.85	6,719.10	6,539.74	37.29	31.60	68.33	775.99	482.27	1,653.78	1,590.99	62.78	26.341		
7,350.00	7,055.25	6,755.25	6,574.30	37.68	31.79	69.35	786.57	481.77	1,650.99	1,587.37	63.61	25.954		
7,400.00	7,076.17	6,784.24	6,602.04	38.12	31.94	70.31	794.99	481.91	1,647.46	1,583.03	64.43	25.572		
7,450.00	7,093.50	6,806.51	6,623.36	38.60	32.06	71.18	801.42	482.33	1,643.41	1,578.18	65.23	25.195		
7,500.00	7,107.11	6,822.57	6,638.73	39.11	32.14	71.94	806.04	482.82	1,639.04	1,573.01	66.03	24.824		
7,550.00	7,116.94	6,804.00	6,620.95	39.66	32.04	71.57	800.70	482.27	1,634.67	1,568.30	66.37	24.630		
7,600.00	7,122.91	6,804.00	6,620.95	40.24	32.04	71.88	800.70	482.27	1,630.11	1,563.03	67.08	24.302		
7,650.18	7,125.00	6,804.00	6,620.95	40.85	32.04	72.25	800.70	482.27	1,625.44	1,557.58	67.85	23.956		
7,700.00	7,125.12	6,804.00	6,620.95	41.48	32.04	72.25	800.70	482.27	1,621.52	1,552.85	68.67	23.613		
7,800.00	7,125.36	6,804.00	6,620.95	42.88	32.04	72.25	800.70	482.27	1,618.26	1,547.84	70.42	22.981		
7,802.79	7,125.36	6,804.00	6,620.95	42.92	32.04	72.25	800.70	482.27	1,618.25	1,547.78	70.47	22.964		
7,900.00	7,125.60	6,804.00	6,620.95	44.42	32.04	72.25	800.70	482.27	1,621.17	1,548.92	72.26	22.436		
8,000.00	7,125.84	6,804.00	6,620.95	46.10	32.04	72.25	800.70	482.27	1,630.23	1,556.09	74.13	21.990		
8,100.00	7,126.08	6,804.00	6,620.95	47.89	32.04	72.25	800.70	482.27	1,645.32	1,569.31	76.01	21.647		
8,200.00	7,126.32	6,804.00	6,620.95	49.79	32.04	72.25	800.70	482.27	1,666.29	1,588.46	77.83	21.409		
8,300.00	7,126.56	6,804.00	6,620.95	51.79	32.04	72.25	800.70	482.27	1,692.92	1,613.34	79.58	21.274		
8,400.00	7,126.80	6,804.00	6,620.95	53.86	32.04	72.25	800.70	482.27	1,724.94	1,643.72	81.22	21.238		
8,500.00	7,127.04	6,804.00	6,620.95	56.00	32.04	72.25	800.70	482.27	1,762.06	1,679.31	82.75	21.295		
8,600.00	7,127.28	6,804.00	6,620.95	58.21	32.04	72.25	800.70	482.27	1,803.96	1,719.82	84.14	21.439		
8,689.38	7,127.49	6,804.00	6,620.95	60.24	32.04	72.25	800.70	482.27	1,845.21	1,759.92	85.28	21.636		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,700.00	7,127.52	6,804.00	6,620.95	60.48	32.04	72.21	800.70	482.27	1,850.35	1,764.94	85.41	21.664		
8,800.00	7,127.76	6,804.00	6,620.95	62.79	32.04	71.84	800.70	482.27	1,902.55	1,816.01	86.54	21.985		
8,841.07	7,127.85	6,804.00	6,620.95	63.74	32.04	71.66	800.70	482.27	1,925.88	1,838.92	86.96	22.148		
8,900.00	7,128.00	6,804.00	6,620.95	65.12	32.04	71.66	800.70	482.27	1,960.69	1,873.17	87.52	22.403		
9,000.00	7,128.23	6,804.00	6,620.95	67.50	32.04	71.66	800.70	482.27	2,022.33	1,933.94	88.38	22.881		
9,100.00	7,128.47	6,804.00	6,620.95	69.91	32.04	71.66	800.70	482.27	2,086.94	1,997.79	89.15	23.411		
9,200.00	7,128.71	6,804.00	6,620.95	72.35	32.04	71.66	800.70	482.27	2,154.25	2,064.44	89.81	23.986		
9,300.00	7,128.95	6,804.00	6,620.95	74.83	32.04	71.66	800.70	482.27	2,224.02	2,133.63	90.40	24.603		
9,400.00	7,129.19	6,804.00	6,620.95	77.33	32.04	71.66	800.70	482.27	2,296.03	2,205.13	90.90	25.258		
9,500.00	7,129.43	6,804.00	6,620.95	79.86	32.04	71.66	800.70	482.27	2,370.08	2,278.73	91.34	25.947		
9,600.00	7,129.67	6,804.00	6,620.95	82.41	32.04	71.66	800.70	482.27	2,445.97	2,354.24	91.73	26.666		
9,700.00	7,129.91	6,804.00	6,620.95	84.97	32.04	71.66	800.70	482.27	2,523.54	2,431.48	92.06	27.412		
9,800.00	7,130.15	6,804.00	6,620.95	87.56	32.04	71.66	800.70	482.27	2,602.64	2,510.30	92.35	28.184		
9,900.00	7,130.39	6,804.00	6,620.95	90.16	32.04	71.66	800.70	482.27	2,683.14	2,590.55	92.59	28.978		
10,000.00	7,130.63	6,804.00	6,620.95	92.78	32.04	71.66	800.70	482.27	2,764.91	2,672.10	92.81	29.792		
10,100.00	7,130.87	6,804.00	6,620.95	95.41	32.04	71.66	800.70	482.27	2,847.84	2,754.85	92.99	30.625		
10,200.00	7,131.11	6,804.00	6,620.95	98.06	32.04	71.66	800.70	482.27	2,931.84	2,838.70	93.15	31.475		
10,300.00	7,131.35	6,804.00	6,620.95	100.71	32.04	71.66	800.70	482.27	3,016.82	2,923.54	93.28	32.341		
10,400.00	7,131.59	6,804.00	6,620.95	103.38	32.04	71.66	800.70	482.27	3,102.69	3,009.29	93.40	33.220		
10,500.00	7,131.83	6,804.00	6,620.95	106.06	32.04	71.66	800.70	482.27	3,189.39	3,095.89	93.50	34.112		
10,600.00	7,132.07	6,804.00	6,620.95	108.74	32.04	71.66	800.70	482.27	3,276.84	3,183.26	93.58	35.016		
10,700.00	7,132.31	6,804.00	6,620.95	111.44	32.04	71.66	800.70	482.27	3,364.99	3,271.34	93.65	35.931		
10,800.00	7,132.55	6,804.00	6,620.95	114.14	32.04	71.66	800.70	482.27	3,453.79	3,360.08	93.71	36.856		
10,900.00	7,132.79	6,804.00	6,620.95	116.85	32.04	71.66	800.70	482.27	3,543.18	3,449.42	93.76	37.790		
11,000.00	7,133.03	6,804.00	6,620.95	119.57	32.04	71.66	800.70	482.27	3,633.13	3,539.33	93.80	38.731		
11,100.00	7,133.27	6,804.00	6,620.95	122.29	32.04	71.66	800.70	482.27	3,723.59	3,629.75	93.84	39.681		
11,200.00	7,133.51	6,804.00	6,620.95	125.02	32.04	71.66	800.70	482.27	3,814.53	3,720.66	93.87	40.638		
11,300.00	7,133.74	6,804.00	6,620.95	127.76	32.04	71.66	800.70	482.27	3,905.91	3,812.02	93.89	41.601		
11,400.00	7,133.98	6,804.00	6,620.95	130.50	32.04	71.66	800.70	482.27	3,997.70	3,903.79	93.91	42.570		
11,500.00	7,134.22	6,804.00	6,620.95	133.24	32.04	71.66	800.70	482.27	4,089.88	3,995.95	93.92	43.544		
11,600.00	7,134.46	6,804.00	6,620.95	135.99	32.04	71.66	800.70	482.27	4,182.42	4,088.48	93.94	44.524		
11,700.00	7,134.70	6,804.00	6,620.95	138.75	32.04	71.66	800.70	482.27	4,275.29	4,181.34	93.95	45.508		
11,800.00	7,134.94	6,804.00	6,620.95	141.51	32.04	71.66	800.70	482.27	4,368.48	4,274.52	93.95	46.496		
11,900.00	7,135.18	6,804.00	6,620.95	144.27	32.04	71.66	800.70	482.27	4,461.96	4,368.00	93.96	47.488		
12,000.00	7,135.42	6,804.00	6,620.95	147.03	32.04	71.66	800.70	482.27	4,555.72	4,461.76	93.96	48.484		
12,100.00	7,135.66	6,804.00	6,620.95	149.80	32.04	71.66	800.70	482.27	4,649.74	4,555.77	93.97	49.484		
12,200.00	7,135.90	6,804.00	6,620.95	152.58	32.04	71.66	800.70	482.27	4,744.00	4,650.03	93.97	50.486		
12,300.00	7,136.14	6,804.00	6,620.95	155.35	32.04	71.66	800.70	482.27	4,838.50	4,744.53	93.97	51.491		
12,400.00	7,136.38	6,804.00	6,620.95	158.13	32.04	71.66	800.70	482.27	4,933.21	4,839.24	93.97	52.499		
12,500.00	7,136.62	6,804.00	6,620.95	160.91	32.04	71.66	800.70	482.27	5,028.12	4,934.16	93.97	53.509		
12,600.00	7,136.86	6,804.00	6,620.95	163.70	32.04	71.66	800.70	482.27	5,123.23	5,029.26	93.97	54.521		
12,700.00	7,137.10	6,804.00	6,620.95	166.48	32.04	71.66	800.70	482.27	5,218.53	5,124.56	93.97	55.535		
12,800.00	7,137.34	6,804.00	6,620.95	169.27	32.04	71.66	800.70	482.27	5,313.99	5,220.02	93.97	56.551		
12,900.00	7,137.58	6,804.00	6,620.95	172.06	32.04	71.66	800.70	482.27	5,409.62	5,315.65	93.97	57.569		
13,000.00	7,137.82	6,804.00	6,620.95	174.86	32.04	71.66	800.70	482.27	5,505.40	5,411.44	93.97	58.588		
13,100.00	7,138.06	6,804.00	6,620.95	177.65	32.04	71.66	800.70	482.27	5,601.34	5,507.37	93.97	59.608		
13,200.00	7,138.30	6,804.00	6,620.95	180.45	32.04	71.66	800.70	482.27	5,697.41	5,603.44	93.97	60.629		
13,300.00	7,138.54	6,804.00	6,620.95	183.25	32.04	71.66	800.70	482.27	5,793.61	5,699.64	93.97	61.652		
13,400.00	7,138.78	6,804.00	6,620.95	186.05	32.04	71.66	800.70	482.27	5,889.94	5,795.97	93.98	62.675		
13,500.00	7,139.02	6,804.00	6,620.95	188.85	32.04	71.66	800.70	482.27	5,986.40	5,892.42	93.98	63.699		
13,600.00	7,139.25	6,804.00	6,620.95	191.65	32.04	71.66	800.70	482.27	6,082.96	5,988.98	93.98	64.724		
13,700.00	7,139.49	6,804.00	6,620.95	194.46	32.04	71.66	800.70	482.27	6,179.64	6,085.65	93.99	65.750		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 226-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,139.73	6,804.00	6,620.95	197.27	32.04	71.66	800.70	482.27	6,276.42	6,182.42	93.99	66.775		
13,900.00	7,139.97	6,804.00	6,620.95	200.08	32.04	71.66	800.70	482.27	6,373.30	6,279.30	94.00	67.802		
14,000.00	7,140.21	6,804.00	6,620.95	202.89	32.04	71.66	800.70	482.27	6,470.27	6,376.26	94.01	68.828		
14,100.00	7,140.45	6,804.00	6,620.95	205.70	32.04	71.66	800.70	482.27	6,567.34	6,473.32	94.01	69.855		
14,200.00	7,140.69	6,804.00	6,620.95	208.51	32.04	71.66	800.70	482.27	6,664.49	6,570.46	94.02	70.882		
14,300.00	7,140.93	6,804.00	6,620.95	211.32	32.04	71.66	800.70	482.27	6,761.72	6,667.69	94.03	71.908		
14,400.00	7,141.17	6,804.00	6,620.95	214.14	32.04	71.66	800.70	482.27	6,859.04	6,764.99	94.04	72.935		
14,500.00	7,141.41	6,804.00	6,620.95	216.95	32.04	71.66	800.70	482.27	6,956.43	6,862.37	94.05	73.962		
14,600.00	7,141.65	6,804.00	6,620.95	219.77	32.04	71.66	800.70	482.27	7,053.89	6,959.82	94.07	74.988		
14,700.00	7,141.89	6,804.00	6,620.95	222.59	32.04	71.66	800.70	482.27	7,151.42	7,057.34	94.08	76.015		
14,800.00	7,142.13	6,804.00	6,620.95	225.41	32.04	71.66	800.70	482.27	7,249.02	7,154.93	94.09	77.040		
14,900.00	7,142.37	6,804.00	6,620.95	228.23	32.04	71.66	800.70	482.27	7,346.69	7,252.58	94.11	78.066		
15,000.00	7,142.61	6,804.00	6,620.95	231.05	32.04	71.66	800.70	482.27	7,444.42	7,350.29	94.12	79.091		
15,100.00	7,142.85	6,804.00	6,620.95	233.87	32.04	71.66	800.70	482.27	7,542.20	7,448.06	94.14	80.116		
15,200.00	7,143.09	6,804.00	6,620.95	236.69	32.04	71.66	800.70	482.27	7,640.05	7,545.89	94.16	81.140		
15,300.00	7,143.33	6,804.00	6,620.95	239.52	32.04	71.66	800.70	482.27	7,737.95	7,643.77	94.18	82.163		
15,400.00	7,143.57	6,804.00	6,620.95	242.34	32.04	71.66	800.70	482.27	7,835.90	7,741.70	94.20	83.186		
15,500.00	7,143.81	6,804.00	6,620.95	245.17	32.04	71.66	800.70	482.27	7,933.90	7,839.68	94.22	84.208		
15,600.00	7,144.05	6,804.00	6,620.95	247.99	32.04	71.66	800.70	482.27	8,031.95	7,937.71	94.24	85.229		
15,700.00	7,144.29	6,804.00	6,620.95	250.82	32.04	71.66	800.70	482.27	8,130.05	8,035.79	94.26	86.249		
15,800.00	7,144.53	6,804.00	6,620.95	253.64	32.04	71.66	800.70	482.27	8,228.20	8,133.91	94.29	87.269		
15,900.00	7,144.76	6,804.00	6,620.95	256.47	32.04	71.66	800.70	482.27	8,326.39	8,232.08	94.31	88.288		
16,000.00	7,145.00	6,804.00	6,620.95	259.30	32.04	71.66	800.70	482.27	8,424.62	8,330.29	94.33	89.306		
16,100.00	7,145.24	6,804.00	6,620.95	262.13	32.04	71.66	800.70	482.27	8,522.89	8,428.53	94.36	90.322		
16,200.00	7,145.48	6,804.00	6,620.95	264.96	32.04	71.66	800.70	482.27	8,621.21	8,526.82	94.39	91.338		
16,300.00	7,145.72	6,804.00	6,620.95	267.79	32.04	71.66	800.70	482.27	8,719.56	8,625.14	94.42	92.353		
16,400.00	7,145.96	6,804.00	6,620.95	270.62	32.04	71.66	800.70	482.27	8,817.95	8,723.50	94.44	93.367		
16,500.00	7,146.20	6,804.00	6,620.95	273.45	32.04	71.66	800.70	482.27	8,916.37	8,821.90	94.47	94.379		
16,600.00	7,146.44	6,804.00	6,620.95	276.28	32.04	71.66	800.70	482.27	9,014.83	8,920.33	94.50	95.391		
16,700.00	7,146.68	6,804.00	6,620.95	279.12	32.04	71.66	800.70	482.27	9,113.32	9,018.79	94.54	96.401		
16,800.00	7,146.92	6,804.00	6,620.95	281.95	32.04	71.66	800.70	482.27	9,211.85	9,117.28	94.57	97.410		
16,900.00	7,147.16	6,804.00	6,620.95	284.78	32.04	71.66	800.70	482.27	9,310.41	9,215.81	94.60	98.418		
17,000.00	7,147.40	6,804.00	6,620.95	287.62	32.04	71.66	800.70	482.27	9,408.99	9,314.36	94.63	99.424		
17,100.00	7,147.64	6,804.00	6,620.95	290.45	32.04	71.66	800.70	482.27	9,507.61	9,412.94	94.67	100.430		
17,200.00	7,147.88	6,804.00	6,620.95	293.28	32.04	71.66	800.70	482.27	9,606.26	9,511.55	94.71	101.433		
17,300.00	7,148.12	6,804.00	6,620.95	296.12	32.04	71.66	800.70	482.27	9,704.93	9,610.19	94.74	102.436		
17,400.00	7,148.36	6,804.00	6,620.95	298.95	32.04	71.66	800.70	482.27	9,803.63	9,708.85	94.78	103.437		
17,500.00	7,148.60	6,804.00	6,620.95	301.79	32.04	71.66	800.70	482.27	9,902.35	9,807.54	94.82	104.437		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	132.66	-467.76	507.54	690.30					
100.00	100.00	96.62	96.61	3.28	3.29	132.61	-466.92	507.59	689.72	683.15	6.57	104.947		
200.00	200.00	205.10	205.06	3.34	3.31	132.42	-463.97	507.76	688.00	681.35	6.65	103.449		
300.00	299.98	300.16	300.05	3.44	3.38	12.23	-460.46	508.13	684.11	677.29	6.82	100.265		
400.00	399.84	388.37	388.24	3.60	3.49	12.20	-458.83	508.63	678.18	671.09	7.09	95.698		
500.00	499.45	476.76	476.62	3.80	3.63	12.42	-459.81	508.88	670.61	663.18	7.43	90.218		
600.00	598.70	575.07	574.91	4.04	3.83	12.74	-461.56	510.08	660.80	652.93	7.87	83.931		
700.00	697.47	670.89	670.68	4.33	4.06	12.90	-461.35	512.94	647.57	639.19	8.38	77.260		
800.00	795.62	763.71	763.31	4.65	4.31	12.87	-459.42	518.38	631.81	622.87	8.94	70.638		
865.50	859.53	823.92	823.25	4.89	4.49	12.71	-457.11	523.52	620.19	610.85	9.34	66.389		
900.00	893.10	855.48	854.62	5.02	4.59	12.56	-455.66	526.67	613.88	604.32	9.56	64.228		
1,000.00	990.42	951.14	949.59	5.41	4.89	12.00	-450.95	537.12	596.10	585.88	10.21	58.362		
1,100.00	1,087.73	1,050.39	1,048.26	5.83	5.23	11.51	-447.09	547.15	578.44	567.53	10.91	52.996		
1,200.00	1,185.05	1,161.15	1,158.60	6.27	5.62	11.15	-443.58	556.07	559.77	548.09	11.67	47.948		
1,300.00	1,282.36	1,267.57	1,264.85	6.72	6.00	11.07	-440.92	561.35	539.24	526.79	12.44	43.342		
1,400.00	1,379.67	1,379.86	1,377.11	7.18	6.41	11.39	-438.93	562.38	516.14	502.91	13.22	39.028		
1,500.00	1,476.99	1,479.38	1,476.60	7.65	6.77	12.10	-438.58	559.97	491.57	477.59	13.98	35.151		
1,600.00	1,574.30	1,572.98	1,570.14	8.13	7.11	12.98	-439.24	556.92	467.19	452.44	14.75	31.679		
1,700.00	1,671.61	1,665.97	1,663.12	8.62	7.45	13.80	-439.63	555.41	443.87	428.34	15.53	28.587		
1,800.00	1,768.93	1,763.36	1,760.51	9.11	7.82	14.59	-439.55	554.81	421.03	404.70	16.33	25.788		
1,900.00	1,866.24	1,864.26	1,861.40	9.60	8.21	15.39	-438.58	554.53	397.91	380.77	17.14	23.216		
2,000.00	1,963.56	1,968.74	1,965.83	10.10	8.63	16.10	-435.24	553.88	373.06	355.10	17.95	20.778		
2,100.00	2,060.87	2,071.99	2,068.91	10.61	9.04	16.62	-429.56	553.32	346.72	327.96	18.76	18.479		
2,200.00	2,158.18	2,175.65	2,172.18	11.11	9.46	16.84	-420.59	552.55	318.07	298.51	19.56	16.265		
2,300.00	2,255.50	2,277.36	2,273.19	11.62	9.88	16.68	-408.83	551.73	287.36	267.02	20.33	14.131		
2,400.00	2,352.81	2,375.84	2,370.60	12.13	10.29	15.87	-394.33	551.47	254.85	233.73	21.12	12.067		
2,500.00	2,450.13	2,473.64	2,467.04	12.65	10.69	14.47	-378.09	551.15	221.09	199.20	21.89	10.099		
2,600.00	2,547.44	2,571.72	2,563.32	13.16	11.10	12.03	-359.42	550.43	185.66	163.03	22.63	8.204		
2,700.00	2,644.75	2,667.14	2,656.14	13.68	11.50	7.10	-337.38	550.26	148.63	125.22	23.41	6.348		
2,800.00	2,742.07	2,760.56	2,745.52	14.20	11.91	-3.93	-310.28	551.75	111.83	87.45	24.38	4.587		
2,900.00	2,839.38	2,850.71	2,829.85	14.71	12.31	-26.60	-278.51	553.24	81.19	55.18	26.01	3.121		
2,964.87	2,902.51	2,905.66	2,880.24	15.05	12.56	-48.16	-256.61	553.79	73.37	46.19	27.18	2.699 CC, ES, SF		
3,000.00	2,936.70	2,934.77	2,906.74	15.23	12.70	-60.30	-244.55	554.07	75.87	48.50	27.37	2.772		
3,100.00	3,034.01	3,020.31	2,984.40	15.76	13.10	-88.78	-208.71	554.26	104.06	76.88	27.18	3.829		
3,200.00	3,131.32	3,107.79	3,064.62	16.28	13.53	-105.36	-173.86	552.83	145.99	118.57	27.42	5.324		
3,300.00	3,228.64	3,193.41	3,143.71	16.80	13.95	-114.59	-141.10	551.09	192.39	164.52	27.87	6.904		
3,400.00	3,325.95	3,281.75	3,225.30	17.32	14.39	-120.55	-107.31	549.01	241.35	212.73	28.62	8.432		
3,500.00	3,423.26	3,375.77	3,313.15	17.85	14.86	-124.74	-73.86	547.02	289.12	259.46	29.66	9.748		
3,600.00	3,520.58	3,470.70	3,402.63	18.37	15.33	-127.78	-42.22	545.13	335.59	304.90	30.69	10.935		
3,700.00	3,617.89	3,569.09	3,496.13	18.90	15.82	-129.97	-11.61	544.57	380.24	348.45	31.80	11.958		
3,800.00	3,715.21	3,657.52	3,580.40	19.43	16.26	-131.08	15.04	547.29	423.50	390.90	32.61	12.988		
3,900.00	3,812.52	3,734.59	3,653.25	19.95	16.65	-131.71	39.96	550.47	468.65	435.53	33.12	14.149		
4,000.00	3,909.83	3,806.41	3,720.53	20.48	17.02	-132.26	65.03	552.39	516.49	482.97	33.52	15.409		
4,100.00	4,007.15	3,871.03	3,780.31	21.01	17.36	-132.78	89.52	552.82	567.53	533.79	33.74	16.821		
4,200.00	4,104.46	3,934.34	3,838.07	21.53	17.70	-133.29	115.44	551.94	621.79	587.83	33.96	18.311		
4,300.00	4,201.78	3,994.96	3,892.62	22.06	18.03	-133.78	141.80	549.97	678.83	644.70	34.14	19.887		
4,400.00	4,299.09	4,051.02	3,942.26	22.59	18.35	-134.21	167.70	547.34	738.64	704.41	34.22	21.582		
4,500.00	4,396.40	4,110.71	3,994.27	23.12	18.70	-134.62	196.81	543.89	800.91	766.44	34.47	23.238		
4,600.00	4,493.72	4,176.65	4,051.10	23.65	19.08	-135.00	229.99	539.85	864.65	829.73	34.93	24.757		
4,700.00	4,591.03	4,289.21	4,148.61	24.18	19.75	-135.50	285.91	533.96	927.83	891.17	36.65	25.314		
4,800.00	4,688.34	4,466.14	4,308.35	24.71	20.77	-136.37	361.36	525.77	984.45	944.78	39.67	24.816		
4,900.00	4,785.66	4,621.16	4,453.72	25.24	21.61	-137.16	414.84	520.50	1,033.49	991.66	41.83	24.707		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 229-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,882.97	4,744.60	4,571.29	25.77	22.27	-137.79	452.23	516.65	1,079.30	1,036.03	43.27	24.942		
5,100.00	4,980.29	4,833.60	4,656.44	26.30	22.73	-138.19	478.02	514.45	1,123.80	1,079.66	44.14	25.461		
5,200.00	5,077.60	4,924.22	4,743.19	26.83	23.20	-138.58	504.12	512.21	1,168.18	1,123.15	45.03	25.941		
5,300.00	5,174.91	5,015.15	4,830.24	27.36	23.68	-138.92	530.33	510.34	1,212.49	1,166.56	45.93	26.398		
5,400.00	5,272.23	5,105.05	4,916.22	27.89	24.15	-139.17	556.59	509.58	1,256.76	1,209.94	46.82	26.842		
5,500.00	5,369.54	5,161.46	4,969.86	28.42	24.45	-139.26	574.04	509.92	1,302.10	1,254.89	47.21	27.581		
5,600.00	5,466.86	5,216.73	5,021.84	28.95	24.75	-139.30	592.81	510.64	1,349.79	1,302.22	47.57	28.374		
5,700.00	5,564.17	5,279.63	5,080.50	29.48	25.10	-139.31	615.48	511.56	1,399.26	1,351.21	48.06	29.117		
5,800.00	5,661.48	5,355.30	5,150.66	30.01	25.53	-139.31	643.81	512.65	1,449.93	1,401.17	48.76	29.734		
5,900.00	5,758.80	5,497.34	5,282.97	30.54	26.32	-139.33	695.39	514.60	1,499.99	1,449.44	50.54	29.676		
6,000.00	5,856.11	5,579.77	5,360.42	31.07	26.77	-139.38	723.60	515.47	1,547.99	1,496.64	51.35	30.143		
6,100.00	5,953.43	5,697.01	5,471.00	31.61	27.41	-139.44	762.50	517.62	1,594.79	1,542.11	52.68	30.271		
6,200.00	6,050.74	5,766.00	5,536.20	32.14	27.79	-139.48	785.02	518.72	1,641.35	1,588.06	53.30	30.797		
6,300.00	6,148.05	5,829.71	5,596.18	32.67	28.14	-139.52	806.49	519.25	1,689.10	1,635.27	53.83	31.379		
6,400.00	6,245.37	5,898.22	5,660.23	33.20	28.52	-139.57	830.77	519.38	1,738.41	1,683.97	54.44	31.934		
6,500.00	6,342.68	5,979.26	5,736.02	33.73	28.98	-139.64	859.48	518.88	1,788.02	1,732.79	55.24	32.369		
6,520.81	6,362.93	5,993.48	5,749.31	33.85	29.06	-139.65	864.55	518.75	1,798.42	1,743.05	55.37	32.483		
6,550.00	6,391.46	6,013.48	5,767.97	34.00	29.17	-147.36	871.74	518.55	1,812.85	1,757.31	55.54	32.641		
6,600.00	6,440.79	6,049.00	5,801.06	34.23	29.37	-168.43	884.64	518.18	1,836.67	1,780.83	55.84	32.891		
6,650.00	6,490.44	6,090.95	5,840.12	34.43	29.61	154.56	899.95	517.61	1,859.16	1,802.94	56.22	33.067		
6,700.00	6,540.10	6,134.40	5,880.58	34.60	29.86	116.89	915.73	516.77	1,880.12	1,823.50	56.62	33.207		
6,750.00	6,589.46	6,214.20	5,955.19	34.76	30.31	96.13	943.99	515.00	1,899.12	1,841.57	57.55	32.997		
6,800.00	6,638.22	6,265.17	6,003.12	34.92	30.59	85.22	961.29	513.84	1,915.73	1,857.67	58.06	32.996		
6,850.00	6,686.09	6,301.85	6,037.62	35.07	30.80	78.74	973.69	512.62	1,930.76	1,872.39	58.37	33.079		
6,900.00	6,732.75	6,332.00	6,065.97	35.24	30.97	74.48	983.89	511.34	1,944.23	1,885.64	58.60	33.180		
6,950.00	6,777.94	6,363.06	6,095.10	35.42	31.14	71.56	994.55	509.93	1,956.25	1,897.39	58.87	33.233		
7,000.00	6,821.36	6,388.42	6,118.81	35.61	31.29	69.42	1,003.49	508.85	1,966.91	1,907.83	59.08	33.293		
7,050.00	6,862.75	6,412.49	6,141.25	35.83	31.42	67.85	1,012.17	507.87	1,976.24	1,916.93	59.31	33.321		
7,100.00	6,901.85	6,433.00	6,160.30	36.06	31.54	66.65	1,019.71	507.09	1,984.26	1,924.72	59.53	33.331		
7,150.00	6,938.43	6,461.06	6,186.30	36.32	31.70	65.95	1,030.20	506.07	1,990.96	1,931.03	59.93	33.223		
7,200.00	6,972.26	6,484.58	6,208.06	36.61	31.84	65.45	1,039.11	505.28	1,996.38	1,936.07	60.31	33.099		
7,250.00	7,003.13	6,506.05	6,227.88	36.93	31.96	65.15	1,047.33	504.61	2,000.59	1,939.84	60.74	32.936		
7,300.00	7,030.85	6,526.00	6,246.27	37.29	32.08	65.01	1,055.05	504.02	2,003.64	1,942.42	61.22	32.727		
7,350.00	7,055.25	6,550.00	6,302.22	37.68	32.19	64.84	1,062.49	503.43	2,006.81	1,945.61	61.70	32.522		
7,400.00	7,076.17	6,577.13	6,387.03	38.12	32.94	68.20	1,109.93	501.32	2,004.98	1,940.83	64.14	31.257		
7,450.00	7,093.50	6,714.96	6,422.64	38.60	33.15	69.12	1,122.70	501.38	2,003.88	1,938.75	65.14	30.763		
7,500.00	7,107.11	6,748.53	6,454.34	39.11	33.34	70.06	1,133.75	501.96	2,001.97	1,935.82	66.15	30.265		
7,550.00	7,116.94	6,769.06	6,473.75	39.66	33.45	70.75	1,140.37	502.63	1,999.41	1,932.37	67.05	29.821		
7,600.00	7,122.91	6,778.79	6,482.97	40.24	33.50	71.21	1,143.48	503.04	1,996.37	1,928.50	67.86	29.417		
7,650.18	7,125.00	6,779.62	6,483.75	40.85	33.51	71.50	1,143.74	503.07	1,992.88	1,924.27	68.62	29.043		
7,700.00	7,125.12	6,776.72	6,481.00	41.48	33.49	71.42	1,142.82	502.94	1,989.84	1,920.49	69.36	28.689		
7,796.68	7,125.35	6,771.96	6,476.50	42.83	33.46	71.28	1,141.30	502.75	1,987.50	1,916.58	70.91	28.027		
7,800.00	7,125.36	6,771.82	6,476.36	42.88	33.46	71.28	1,141.25	502.74	1,987.50	1,916.53	70.97	28.006		
7,900.00	7,125.60	6,767.85	6,472.61	44.42	33.44	71.16	1,139.99	502.59	1,990.18	1,917.48	72.69	27.377		
8,000.00	7,125.84	6,764.59	6,469.52	46.10	33.42	71.07	1,138.94	502.47	1,997.86	1,923.36	74.50	26.816		
8,100.00	7,126.08	6,761.84	6,466.92	47.89	33.41	70.99	1,138.05	502.37	2,010.49	1,934.14	76.35	26.332		
8,200.00	7,126.32	6,759.50	6,464.71	49.79	33.40	70.92	1,137.30	502.29	2,027.98	1,949.77	78.21	25.931		
8,300.00	7,126.56	6,757.49	6,462.81	51.79	33.39	70.86	1,136.65	502.22	2,050.20	1,970.16	80.04	25.615		
8,400.00	7,126.80	6,755.74	6,461.15	53.86	33.38	70.81	1,136.09	502.17	2,077.00	1,995.17	81.83	25.383		
8,500.00	7,127.04	6,754.20	6,459.69	56.00	33.37	70.77	1,135.59	502.12	2,108.20	2,024.65	83.55	25.234		
8,600.00	7,127.28	6,752.84	6,458.41	58.21	33.36	70.73	1,135.15	502.08	2,143.62	2,058.43	85.19	25.164		
8,689.38	7,127.49	6,751.75	6,457.37	60.24	33.35	70.70	1,134.79	502.05	2,178.68	2,092.11	86.57	25.166		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,700.00	7,127.52	6,751.62	6,457.25	60.48	33.35	70.66	1,134.75	502.05	2,183.06	2,096.33	86.73	25.170		
8,800.00	7,127.76	6,749.92	6,455.65	62.79	33.34	70.28	1,134.20	502.00	2,228.06	2,139.90	88.16	25.273		
8,841.07	7,127.85	6,748.99	6,454.76	63.74	33.34	70.10	1,133.90	501.97	2,248.40	2,159.69	88.71	25.347		
8,900.00	7,128.00	6,747.60	6,453.45	65.12	33.33	70.06	1,133.44	501.94	2,278.89	2,189.44	89.45	25.476		
9,000.00	7,128.23	6,745.41	6,451.38	67.50	33.32	69.99	1,132.73	501.88	2,333.13	2,242.48	90.64	25.740		
9,100.00	7,128.47	6,743.41	6,449.50	69.91	33.31	69.93	1,132.08	501.83	2,390.32	2,298.58	91.74	26.056		
9,200.00	7,128.71	6,741.58	6,447.77	72.35	33.30	69.88	1,131.48	501.79	2,450.26	2,357.52	92.74	26.420		
9,300.00	7,128.95	6,739.90	6,446.18	74.83	33.29	69.83	1,130.94	501.75	2,512.74	2,419.09	93.66	26.829		
9,400.00	7,129.19	6,738.35	6,444.72	77.33	33.28	69.78	1,130.43	501.72	2,577.60	2,483.10	94.49	27.278		
9,500.00	7,129.43	6,736.92	6,443.36	79.86	33.27	69.74	1,129.96	501.69	2,644.64	2,549.39	95.25	27.765		
9,600.00	7,129.67	6,735.58	6,442.10	82.41	33.27	69.70	1,129.52	501.66	2,713.71	2,617.77	95.94	28.285		
9,700.00	7,129.91	6,734.34	6,440.93	84.97	33.26	69.66	1,129.11	501.64	2,784.66	2,688.09	96.57	28.837		
9,800.00	7,130.15	6,733.19	6,439.84	87.56	33.25	69.63	1,128.73	501.62	2,857.34	2,760.21	97.13	29.417		
9,900.00	7,130.39	6,732.10	6,438.82	90.16	33.25	69.60	1,128.38	501.60	2,931.64	2,833.99	97.65	30.023		
10,000.00	7,130.63	6,731.09	6,437.86	92.78	33.24	69.57	1,128.04	501.58	3,007.42	2,909.31	98.11	30.653		
10,100.00	7,130.87	6,730.14	6,436.96	95.41	33.24	69.54	1,127.73	501.56	3,084.58	2,986.05	98.53	31.306		
10,200.00	7,131.11	6,729.24	6,436.11	98.06	33.23	69.51	1,127.43	501.55	3,163.03	3,064.12	98.91	31.979		
10,300.00	7,131.35	6,711.00	6,418.91	100.71	33.13	68.97	1,121.38	501.36	3,242.75	3,143.73	99.02	32.748		
10,400.00	7,131.59	6,711.00	6,418.91	103.38	33.13	68.97	1,121.38	501.36	3,323.47	3,224.13	99.34	33.454		
10,500.00	7,131.83	6,711.00	6,418.91	106.06	33.13	68.97	1,121.38	501.36	3,405.21	3,305.58	99.64	34.176		
10,600.00	7,132.07	6,711.00	6,418.91	108.74	33.13	68.97	1,121.38	501.36	3,487.91	3,388.01	99.90	34.913		
10,700.00	7,132.31	6,711.00	6,418.91	111.44	33.13	68.97	1,121.38	501.36	3,571.49	3,471.35	100.14	35.664		
10,800.00	7,132.55	6,711.00	6,418.91	114.14	33.13	68.97	1,121.38	501.36	3,655.90	3,555.54	100.36	36.427		
10,900.00	7,132.79	6,711.00	6,418.91	116.85	33.13	68.97	1,121.38	501.36	3,741.07	3,640.51	100.56	37.202		
11,000.00	7,133.03	6,711.00	6,418.91	119.57	33.13	68.97	1,121.38	501.36	3,826.97	3,726.22	100.74	37.988		
11,100.00	7,133.27	6,711.00	6,418.91	122.29	33.13	68.97	1,121.38	501.36	3,913.53	3,812.62	100.91	38.784		
11,200.00	7,133.51	6,711.00	6,418.91	125.02	33.13	68.97	1,121.38	501.36	4,000.72	3,899.66	101.06	39.589		
11,300.00	7,133.74	6,711.00	6,418.91	127.76	33.13	68.97	1,121.38	501.36	4,088.49	3,987.30	101.19	40.403		
11,400.00	7,133.98	6,711.00	6,418.91	130.50	33.13	68.97	1,121.38	501.36	4,176.82	4,075.50	101.32	41.225		
11,500.00	7,134.22	6,711.00	6,418.91	133.24	33.13	68.97	1,121.38	501.36	4,265.66	4,164.23	101.43	42.055		
11,600.00	7,134.46	6,711.00	6,418.91	135.99	33.13	68.97	1,121.38	501.36	4,354.98	4,253.45	101.54	42.891		
11,700.00	7,134.70	6,711.00	6,418.91	138.75	33.13	68.97	1,121.38	501.36	4,444.76	4,343.13	101.63	43.734		
11,800.00	7,134.94	6,711.00	6,418.91	141.51	33.13	68.97	1,121.38	501.36	4,534.97	4,433.25	101.72	44.583		
11,900.00	7,135.18	6,711.00	6,418.91	144.27	33.13	68.97	1,121.38	501.36	4,625.58	4,523.78	101.80	45.438		
12,000.00	7,135.42	6,711.00	6,418.91	147.03	33.13	68.97	1,121.38	501.36	4,716.57	4,614.69	101.87	46.298		
12,100.00	7,135.66	6,711.00	6,418.91	149.80	33.13	68.97	1,121.38	501.36	4,807.92	4,705.97	101.94	47.162		
12,200.00	7,135.90	6,711.00	6,418.91	152.58	33.13	68.97	1,121.38	501.36	4,899.60	4,797.59	102.01	48.032		
12,300.00	7,136.14	6,711.00	6,418.91	155.35	33.13	68.97	1,121.38	501.36	4,991.61	4,889.54	102.07	48.906		
12,400.00	7,136.38	6,711.00	6,418.91	158.13	33.13	68.97	1,121.38	501.36	5,083.91	4,981.79	102.12	49.783		
12,500.00	7,136.62	6,711.00	6,418.91	160.91	33.13	68.97	1,121.38	501.36	5,176.50	5,074.33	102.17	50.665		
12,600.00	7,136.86	6,711.00	6,418.91	163.70	33.13	68.97	1,121.38	501.36	5,269.37	5,167.15	102.22	51.549		
12,700.00	7,137.10	6,711.00	6,418.91	166.48	33.13	68.97	1,121.38	501.36	5,362.49	5,260.22	102.26	52.438		
12,800.00	7,137.34	6,711.00	6,418.91	169.27	33.13	68.97	1,121.38	501.36	5,455.85	5,353.54	102.31	53.329		
12,900.00	7,137.58	6,711.00	6,418.91	172.06	33.13	68.97	1,121.38	501.36	5,549.44	5,447.10	102.35	54.223		
13,000.00	7,137.82	6,711.00	6,418.91	174.86	33.13	68.97	1,121.38	501.36	5,643.26	5,540.88	102.38	55.119		
13,100.00	7,138.06	6,711.00	6,418.91	177.65	33.13	68.97	1,121.38	501.36	5,737.28	5,634.86	102.42	56.018		
13,200.00	7,138.30	6,711.00	6,418.91	180.45	33.13	68.97	1,121.38	501.36	5,831.50	5,729.05	102.45	56.919		
13,300.00	7,138.54	6,711.00	6,418.91	183.25	33.13	68.97	1,121.38	501.36	5,925.92	5,823.43	102.48	57.823		
13,400.00	7,138.78	6,711.00	6,418.91	186.05	33.13	68.97	1,121.38	501.36	6,020.51	5,917.99	102.52	58.728		
13,500.00	7,139.02	6,711.00	6,418.91	188.85	33.13	68.97	1,121.38	501.36	6,115.27	6,012.73	102.55	59.635		
13,600.00	7,139.25	6,711.00	6,418.91	191.65	33.13	68.97	1,121.38	501.36	6,210.20	6,107.63	102.57	60.544		
13,700.00	7,139.49	6,711.00	6,418.91	194.46	33.13	68.97	1,121.38	501.36	6,305.28	6,202.68	102.60	61.454		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,800.00	7,139.73	6,711.00	6,418.91	197.27	33.13	68.97	1,121.38	501.36	6,400.52	6,297.89	102.63	62.365		
13,900.00	7,139.97	6,711.00	6,418.91	200.08	33.13	68.97	1,121.38	501.36	6,495.90	6,393.24	102.66	63.278		
14,000.00	7,140.21	6,711.00	6,418.91	202.89	33.13	68.97	1,121.38	501.36	6,591.41	6,488.73	102.68	64.193		
14,100.00	7,140.45	6,711.00	6,418.91	205.70	33.13	68.97	1,121.38	501.36	6,687.06	6,584.35	102.71	65.108		
14,200.00	7,140.69	6,711.00	6,418.91	208.51	33.13	68.97	1,121.38	501.36	6,782.83	6,680.10	102.73	66.024		
14,300.00	7,140.93	6,711.00	6,418.91	211.32	33.13	68.97	1,121.38	501.36	6,878.72	6,775.96	102.76	66.941		
14,400.00	7,141.17	6,711.00	6,418.91	214.14	33.13	68.97	1,121.38	501.36	6,974.73	6,871.95	102.78	67.859		
14,500.00	7,141.41	6,711.00	6,418.91	216.95	33.13	68.97	1,121.38	501.36	7,070.85	6,968.04	102.81	68.778		
14,600.00	7,141.65	6,711.00	6,418.91	219.77	33.13	68.97	1,121.38	501.36	7,167.07	7,064.24	102.83	69.697		
14,700.00	7,141.89	6,711.00	6,418.91	222.59	33.13	68.97	1,121.38	501.36	7,263.40	7,160.54	102.86	70.617		
14,800.00	7,142.13	6,711.00	6,418.91	225.41	33.13	68.97	1,121.38	501.36	7,359.82	7,256.94	102.88	71.537		
14,900.00	7,142.37	6,711.00	6,418.91	228.23	33.13	68.97	1,121.38	501.36	7,456.34	7,353.44	102.91	72.457		
15,000.00	7,142.61	6,711.00	6,418.91	231.05	33.13	68.97	1,121.38	501.36	7,552.95	7,450.02	102.93	73.378		
15,100.00	7,142.85	6,711.00	6,418.91	233.87	33.13	68.97	1,121.38	501.36	7,649.65	7,546.69	102.96	74.300		
15,200.00	7,143.09	6,711.00	6,418.91	236.69	33.13	68.97	1,121.38	501.36	7,746.43	7,643.45	102.98	75.221		
15,300.00	7,143.33	6,711.00	6,418.91	239.52	33.13	68.97	1,121.38	501.36	7,843.29	7,740.28	103.01	76.143		
15,400.00	7,143.57	6,711.00	6,418.91	242.34	33.13	68.97	1,121.38	501.36	7,940.23	7,837.19	103.03	77.064		
15,500.00	7,143.81	6,711.00	6,418.91	245.17	33.13	68.97	1,121.38	501.36	8,037.24	7,934.18	103.06	77.986		
15,600.00	7,144.05	6,711.00	6,418.91	247.99	33.13	68.97	1,121.38	501.36	8,134.33	8,031.24	103.09	78.908		
15,700.00	7,144.29	6,711.00	6,418.91	250.82	33.13	68.97	1,121.38	501.36	8,231.48	8,128.37	103.11	79.829		
15,800.00	7,144.53	6,711.00	6,418.91	253.64	33.13	68.97	1,121.38	501.36	8,328.71	8,225.57	103.14	80.751		
15,900.00	7,144.76	6,711.00	6,418.91	256.47	33.13	68.97	1,121.38	501.36	8,425.99	8,322.83	103.17	81.672		
16,000.00	7,145.00	6,711.00	6,418.91	259.30	33.13	68.97	1,121.38	501.36	8,523.35	8,420.15	103.20	82.593		
16,100.00	7,145.24	6,711.00	6,418.91	262.13	33.13	68.97	1,121.38	501.36	8,620.76	8,517.53	103.23	83.513		
16,200.00	7,145.48	6,711.00	6,418.91	264.96	33.13	68.97	1,121.38	501.36	8,718.23	8,614.97	103.26	84.434		
16,300.00	7,145.72	6,711.00	6,418.91	267.79	33.13	68.97	1,121.38	501.36	8,815.75	8,712.47	103.28	85.354		
16,400.00	7,145.96	6,711.00	6,418.91	270.62	33.13	68.97	1,121.38	501.36	8,913.34	8,810.02	103.31	86.274		
16,500.00	7,146.20	6,711.00	6,418.91	273.45	33.13	68.97	1,121.38	501.36	9,010.97	8,907.63	103.35	87.193		
16,600.00	7,146.44	6,711.00	6,418.91	276.28	33.13	68.97	1,121.38	501.36	9,108.66	9,005.28	103.38	88.111		
16,700.00	7,146.68	6,711.00	6,418.91	279.12	33.13	68.97	1,121.38	501.36	9,206.39	9,102.98	103.41	89.030		
16,800.00	7,146.92	6,711.00	6,418.91	281.95	33.13	68.97	1,121.38	501.36	9,304.18	9,200.74	103.44	89.947		
16,900.00	7,147.16	6,711.00	6,418.91	284.78	33.13	68.97	1,121.38	501.36	9,402.01	9,298.53	103.47	90.864		
17,000.00	7,147.40	6,711.00	6,418.91	287.62	33.13	68.97	1,121.38	501.36	9,499.88	9,396.38	103.51	91.781		
17,100.00	7,147.64	6,711.00	6,418.91	290.45	33.13	68.97	1,121.38	501.36	9,597.80	9,494.26	103.54	92.696		
17,200.00	7,147.88	6,711.00	6,418.91	293.28	33.13	68.97	1,121.38	501.36	9,695.76	9,592.19	103.57	93.611		
17,300.00	7,148.12	6,711.00	6,418.91	296.12	33.13	68.97	1,121.38	501.36	9,793.77	9,690.16	103.61	94.526		
17,400.00	7,148.36	6,711.00	6,418.91	298.95	33.13	68.97	1,121.38	501.36	9,891.81	9,788.17	103.64	95.439		
17,500.00	7,148.60	6,711.00	6,418.91	301.79	33.13	68.97	1,121.38	501.36	9,989.89	9,886.21	103.68	96.352		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 16C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
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	67.26	-14.94	-0.28	14.18	7.30	6.89	2.059		
400.00	399.84	399.75	399.73	3.60	3.60	81.47	-15.94	1.14	13.38	6.19	7.19	1.860		
417.97	417.76	417.69	417.66	3.63	3.63	84.19	-16.33	1.70	13.36	6.10	7.26	1.841 CC		
500.00	499.45	499.64	499.48	3.80	3.79	96.39	-18.93	5.42	13.77	6.19	7.58	1.816		
600.00	598.70	599.64	599.10	4.04	4.03	109.31	-23.92	12.55	15.31	7.24	8.07	1.897		
700.00	697.47	699.77	698.47	4.33	4.30	119.00	-30.91	22.53	17.74	9.10	8.64	2.053		
800.00	795.62	800.01	797.47	4.65	4.61	125.73	-39.91	35.37	20.79	11.51	9.28	2.240		
865.50	859.53	865.73	862.06	4.89	4.83	128.88	-46.88	45.33	23.05	13.30	9.74	2.365		
900.00	893.10	900.37	895.99	5.02	4.95	129.86	-50.89	51.07	24.16	14.17	9.99	2.418		
1,000.00	990.42	1,000.85	993.88	5.41	5.33	128.10	-63.87	69.60	26.07	15.31	10.76	2.423		
1,100.00	1,087.73	1,100.82	1,090.88	5.83	5.74	123.50	-77.74	89.41	27.13	15.56	11.56	2.346		
1,200.00	1,185.05	1,200.79	1,187.88	6.27	6.17	119.26	-91.61	109.22	28.35	15.93	12.42	2.282		
1,300.00	1,282.36	1,300.76	1,284.88	6.72	6.62	115.40	-105.48	129.03	29.71	16.40	13.31	2.231		
1,400.00	1,379.67	1,400.73	1,381.88	7.18	7.08	111.89	-119.36	148.84	31.20	16.96	14.24	2.191		
1,500.00	1,476.99	1,500.70	1,478.88	7.65	7.55	108.70	-133.23	168.65	32.79	17.60	15.19	2.159		
1,600.00	1,574.30	1,600.67	1,575.89	8.13	8.03	105.82	-147.10	188.46	34.47	18.32	16.15	2.134		
1,700.00	1,671.61	1,700.65	1,672.89	8.62	8.52	103.22	-160.97	208.28	36.23	19.10	17.13	2.115		
1,800.00	1,768.93	1,800.62	1,769.89	9.11	9.01	100.86	-174.84	228.09	38.06	19.94	18.12	2.100		
1,900.00	1,866.24	1,900.59	1,866.89	9.60	9.52	98.72	-188.72	247.90	39.95	20.83	19.12	2.090		
2,000.00	1,963.56	2,000.56	1,963.89	10.10	10.02	96.78	-202.59	267.71	41.89	21.77	20.12	2.082		
2,100.00	2,060.87	2,100.53	2,060.90	10.61	10.53	95.00	-216.46	287.52	43.88	22.74	21.13	2.076		
2,200.00	2,158.18	2,200.50	2,157.90	11.11	11.04	93.39	-230.33	307.33	45.90	23.75	22.15	2.073		
2,300.00	2,255.50	2,300.47	2,254.90	11.62	11.56	91.91	-244.20	327.14	47.95	24.79	23.16	2.070		
2,400.00	2,352.81	2,400.45	2,351.90	12.13	12.08	90.55	-258.08	346.96	50.04	25.86	24.18	2.069		
2,500.00	2,450.13	2,500.42	2,448.90	12.65	12.60	89.31	-271.95	366.77	52.15	26.94	25.20	2.069		
2,600.00	2,547.44	2,600.39	2,545.91	13.16	13.12	88.16	-285.82	386.58	54.28	28.05	26.22	2.070		
2,700.00	2,644.75	2,700.36	2,642.91	13.68	13.64	87.10	-299.69	406.39	56.43	29.18	27.25	2.071		
2,800.00	2,742.07	2,800.33	2,739.91	14.20	14.17	86.11	-313.57	426.20	58.60	30.33	28.27	2.073		
2,900.00	2,839.38	2,900.30	2,836.91	14.71	14.70	85.20	-327.44	446.01	60.79	31.49	29.30	2.075		
3,000.00	2,936.70	3,000.28	2,933.91	15.23	15.23	84.35	-341.31	465.83	62.99	32.66	30.33	2.077		
3,100.00	3,034.01	3,100.25	3,030.92	15.76	15.75	83.56	-355.18	485.64	65.21	33.85	31.36	2.079		
3,200.00	3,131.32	3,200.22	3,127.92	16.28	16.29	82.82	-369.05	505.45	67.43	35.04	32.39	2.082		
3,300.00	3,228.64	3,300.19	3,224.92	16.80	16.82	82.12	-382.93	525.26	69.67	36.25	33.42	2.085		
3,400.00	3,325.95	3,400.16	3,321.92	17.32	17.35	81.47	-396.80	545.07	71.91	37.47	34.45	2.088		
3,500.00	3,423.26	3,500.13	3,418.92	17.85	17.88	80.86	-410.67	564.88	74.17	38.69	35.48	2.090		
3,600.00	3,520.58	3,600.10	3,515.93	18.37	18.42	80.29	-424.54	584.69	76.43	39.92	36.51	2.093		
3,700.00	3,617.89	3,700.08	3,612.93	18.90	18.95	79.75	-438.41	604.51	78.70	41.16	37.55	2.096		
3,800.00	3,715.21	3,800.05	3,709.93	19.43	19.49	79.24	-452.29	624.32	80.98	42.40	38.58	2.099		
3,900.00	3,812.52	3,900.02	3,806.93	19.95	20.02	78.76	-466.16	644.13	83.26	43.65	39.61	2.102		
4,000.00	3,909.83	4,000.01	3,903.93	20.48	20.56	78.30	-480.03	663.94	85.55	44.90	40.65	2.105		
4,100.00	4,007.15	4,100.04	4,000.94	21.01	21.09	77.87	-493.90	683.75	87.84	46.16	41.68	2.108		
4,200.00	4,104.46	4,199.93	4,097.94	21.53	21.63	77.45	-507.78	703.56	90.14	47.43	42.71	2.110		
4,300.00	4,201.78	4,300.09	4,194.94	22.06	22.17	77.06	-521.65	723.37	92.44	48.69	43.75	2.113		
4,400.00	4,299.09	4,400.12	4,291.94	22.59	22.71	76.69	-535.52	743.19	94.75	49.96	44.79	2.116		
4,500.00	4,396.40	4,500.15	4,388.94	23.12	23.25	76.34	-549.39	763.00	97.06	51.24	45.82	2.118		
4,600.00	4,493.72	4,600.18	4,485.95	23.65	23.78	76.00	-563.26	782.81	99.37	52.52	46.86	2.121		
4,700.00	4,591.03	4,700.21	4,582.95	24.18	24.32	75.68	-577.14	802.62	101.69	53.80	47.89	2.123		
4,800.00	4,688.34	4,800.24	4,679.95	24.71	24.86	75.37	-591.01	822.43	104.01	55.08	48.93	2.126		
4,900.00	4,785.66	4,900.27	4,776.95	25.24	25.40	75.08	-604.88	842.24	106.33	56.37	49.97	2.128		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 16C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,882.97	5,000.29	4,873.95	25.77	25.94	74.80	-618.75	862.05	108.66	57.66	51.00	2.130		
5,100.00	4,980.29	5,099.68	4,970.96	26.30	26.48	74.53	-632.62	881.87	110.99	58.95	52.04	2.133		
5,200.00	5,077.60	5,200.35	5,067.96	26.83	27.02	74.27	-646.50	901.68	113.32	60.24	53.08	2.135		
5,300.00	5,174.91	5,300.38	5,164.96	27.36	27.56	74.02	-660.37	921.49	115.65	61.54	54.12	2.137		
5,400.00	5,272.23	5,400.41	5,261.96	27.89	28.10	73.78	-674.24	941.30	117.99	62.83	55.15	2.139		
5,500.00	5,369.54	5,499.56	5,358.96	28.42	28.64	73.55	-688.11	961.11	120.32	64.14	56.19	2.141		
5,600.00	5,466.86	5,600.46	5,455.97	28.95	29.19	73.33	-701.98	980.92	122.66	65.43	57.23	2.143		
5,700.00	5,564.17	5,699.51	5,552.97	29.48	29.72	73.12	-715.86	1,000.73	125.00	66.74	58.26	2.146		
5,800.00	5,661.48	5,800.52	5,649.97	30.01	30.27	72.91	-729.73	1,020.55	127.34	68.04	59.31	2.147		
5,900.00	5,758.80	5,900.55	5,746.97	30.54	30.81	72.72	-743.60	1,040.36	129.69	69.34	60.34	2.149		
6,000.00	5,856.11	6,000.58	5,843.97	31.07	31.35	72.53	-757.47	1,060.17	132.03	70.65	61.38	2.151		
6,100.00	5,953.43	6,100.61	5,940.97	31.61	31.89	72.34	-771.35	1,079.98	134.38	71.96	62.42	2.153		
6,200.00	6,050.74	6,200.64	6,037.98	32.14	32.43	72.17	-785.22	1,099.79	136.73	73.27	63.46	2.155		
6,300.00	6,148.05	6,300.66	6,134.98	32.67	32.98	72.00	-799.09	1,119.60	139.08	74.58	64.50	2.156		
6,400.00	6,245.37	6,400.69	6,231.98	33.20	33.52	71.83	-812.96	1,139.41	141.43	75.89	65.54	2.158		
6,500.00	6,342.68	6,500.72	6,328.98	33.73	34.06	71.67	-826.83	1,159.23	143.78	77.20	66.58	2.160		
6,520.81	6,362.93	6,520.08	6,349.17	33.85	34.17	71.64	-829.72	1,163.35	144.27	77.48	66.78	2.160		
6,550.00	6,391.46	6,549.26	6,377.47	34.00	34.32	65.05	-833.77	1,169.13	144.84	77.78	67.06	2.160		
6,600.00	6,440.79	6,600.95	6,425.79	34.23	34.60	44.46	-840.68	1,179.00	145.38	77.97	67.41	2.157		
6,650.00	6,490.44	6,648.35	6,473.63	34.43	34.86	6.12	-847.52	1,188.77	145.68	78.13	67.55	2.157		
6,700.00	6,540.10	6,696.34	6,520.42	34.60	35.11	-33.98	-854.22	1,196.98	146.46	78.93	67.53	2.169		
6,750.00	6,589.46	6,744.88	6,568.23	34.76	35.34	-57.77	-861.08	1,201.68	148.19	80.71	67.48	2.196		
6,800.00	6,638.22	6,794.22	6,617.05	34.92	35.53	-71.66	-868.10	1,202.67	150.86	83.44	67.42	2.238		
6,850.00	6,686.09	6,844.42	6,666.64	35.07	35.71	-81.02	-875.26	1,199.76	154.43	87.06	67.37	2.292		
6,900.00	6,732.75	6,895.52	6,716.72	35.24	35.87	-88.05	-882.50	1,192.75	158.82	91.52	67.30	2.360		
6,950.00	6,777.94	6,947.56	6,766.98	35.42	36.02	-93.67	-889.79	1,181.47	163.93	96.75	67.18	2.440		
7,000.00	6,821.36	7,000.58	6,817.07	35.61	36.18	-98.31	-897.08	1,165.75	169.63	102.66	66.96	2.533		
7,050.00	6,862.75	7,054.61	6,866.60	35.83	36.35	-102.21	-904.31	1,145.45	175.79	109.16	66.63	2.638		
7,100.00	6,901.85	7,109.67	6,915.14	36.06	36.54	-105.52	-911.42	1,120.48	182.28	116.12	66.16	2.755		
7,150.00	6,938.43	7,165.79	6,962.21	36.32	36.74	-108.31	-918.34	1,090.77	188.96	123.38	65.59	2.881		
7,200.00	6,972.26	7,222.95	7,007.31	36.61	36.97	-110.65	-924.99	1,056.31	195.71	130.77	64.94	3.014		
7,250.00	7,003.13	7,281.16	7,049.90	36.93	37.23	-112.60	-931.31	1,017.18	202.38	138.10	64.28	3.149		
7,300.00	7,030.85	7,340.37	7,089.41	37.29	37.54	-114.18	-937.21	973.50	208.86	145.17	63.69	3.279		
7,350.00	7,055.25	7,400.55	7,125.27	37.68	37.89	-115.44	-942.60	925.50	215.05	151.77	63.27	3.399		
7,400.00	7,076.17	7,461.63	7,156.92	38.12	38.30	-116.39	-947.41	873.51	220.83	157.69	63.14	3.498		
7,450.00	7,093.50	7,523.51	7,183.80	38.60	38.77	-117.06	-951.54	817.95	226.11	162.74	63.37	3.568		
7,500.00	7,107.11	7,586.10	7,205.43	39.11	39.30	-117.47	-954.94	759.34	230.82	166.79	64.03	3.605		
7,550.00	7,116.94	7,649.26	7,221.37	39.66	39.90	-117.62	-957.52	698.31	234.90	169.72	65.18	3.604		
7,600.00	7,122.91	7,712.85	7,231.30	40.24	40.56	-117.52	-959.25	635.54	238.29	171.49	66.80	3.567		
7,650.18	7,125.00	7,776.94	7,234.99	40.85	41.28	-117.20	-960.09	571.59	240.97	172.12	68.85	3.500		
7,700.00	7,125.12	7,827.50	7,235.10	41.48	41.89	-116.93	-960.35	521.04	243.11	172.82	70.29	3.459		
7,800.00	7,125.36	7,927.38	7,235.32	42.88	43.21	-116.42	-960.86	421.15	247.40	174.15	73.26	3.377		
7,900.00	7,125.60	8,027.27	7,235.53	44.42	44.67	-115.93	-961.36	321.27	251.72	175.22	76.49	3.291		
8,000.00	7,125.84	8,127.15	7,235.74	46.10	46.28	-115.45	-961.87	221.39	256.05	176.08	79.97	3.202		
8,100.00	7,126.08	8,227.03	7,235.95	47.89	48.01	-114.99	-962.38	121.51	260.40	176.73	83.67	3.112		
8,200.00	7,126.32	8,326.92	7,236.17	49.79	49.85	-114.54	-962.89	21.63	264.77	177.21	87.55	3.024		
8,300.00	7,126.56	8,426.80	7,236.38	51.79	51.79	-114.11	-963.39	-78.26	269.15	177.54	91.61	2.938		
8,400.00	7,126.80	8,526.69	7,236.59	53.86	53.82	-113.70	-963.90	-178.14	273.54	177.72	95.82	2.855		
8,500.00	7,127.04	8,626.57	7,236.81	56.00	55.91	-113.29	-964.41	-278.02	277.95	177.79	100.16	2.775		
8,600.00	7,127.28	8,726.45	7,237.02	58.21	58.08	-112.90	-964.92	-377.90	282.38	177.75	104.63	2.699		
8,689.38	7,127.49	8,815.73	7,237.21	60.24	60.07	-112.56	-965.37	-467.18	286.34	177.63	108.71	2.634		
8,700.00	7,127.52	8,826.34	7,237.23	60.48	60.31	-112.52	-965.43	-477.79	286.79	177.60	109.20	2.626		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 16C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	8,926.30	7,237.44	62.79	62.59	-112.28	-965.93	-577.74	289.28	175.56	113.73	2.544		
8,841.07	7,127.85	8,967.37	7,237.53	63.74	63.54	-112.27	-966.14	-618.81	289.37	173.83	115.55	2.504		
8,900.00	7,128.00	9,026.29	7,237.66	65.12	64.91	-112.29	-966.44	-677.74	289.11	170.96	118.15	2.447		
9,000.00	7,128.23	9,126.29	7,237.87	67.50	67.28	-112.32	-966.95	-777.74	288.66	166.04	122.62	2.354		
9,100.00	7,128.47	9,226.29	7,238.08	69.91	69.69	-112.35	-967.46	-877.74	288.21	161.06	127.16	2.267		
9,200.00	7,128.71	9,326.29	7,238.30	72.35	72.13	-112.38	-967.97	-977.73	287.76	156.01	131.75	2.184		
9,300.00	7,128.95	9,426.29	7,238.51	74.83	74.60	-112.41	-968.47	-1,077.73	287.32	150.92	136.40	2.107		
9,400.00	7,129.19	9,526.29	7,238.72	77.33	77.10	-112.45	-968.98	-1,177.73	286.87	145.78	141.08	2.033		
9,500.00	7,129.43	9,626.29	7,238.93	79.86	79.62	-112.48	-969.49	-1,277.72	286.42	140.61	145.82	1.964		
9,600.00	7,129.67	9,726.29	7,239.15	82.41	82.17	-112.51	-970.00	-1,377.72	285.97	135.39	150.58	1.899		
9,700.00	7,129.91	9,826.29	7,239.36	84.97	84.74	-112.54	-970.51	-1,477.72	285.53	130.14	155.38	1.838		
9,800.00	7,130.15	9,926.28	7,239.57	87.56	87.32	-112.57	-971.02	-1,577.72	285.08	124.86	160.21	1.779		
9,900.00	7,130.39	10,026.28	7,239.79	90.16	89.92	-112.60	-971.52	-1,677.71	284.63	119.56	165.07	1.724		
10,000.00	7,130.63	10,126.28	7,240.00	92.78	92.54	-112.63	-972.03	-1,777.71	284.18	114.23	169.95	1.672		
10,100.00	7,130.87	10,226.28	7,240.21	95.41	95.17	-112.67	-972.54	-1,877.71	283.74	108.88	174.86	1.623		
10,200.00	7,131.11	10,326.28	7,240.43	98.06	97.81	-112.70	-973.05	-1,977.71	283.29	103.51	179.78	1.576		
10,300.00	7,131.35	10,426.28	7,240.64	100.71	100.46	-112.73	-973.56	-2,077.70	282.84	98.12	184.72	1.531		
10,400.00	7,131.59	10,526.28	7,240.85	103.38	103.13	-112.76	-974.07	-2,177.70	282.39	92.71	189.68	1.489 Level 3		
10,500.00	7,131.83	10,626.28	7,241.06	106.06	105.81	-112.79	-974.57	-2,277.70	281.95	87.29	194.66	1.448 Level 3		
10,600.00	7,132.07	10,726.28	7,241.28	108.74	108.49	-112.83	-975.08	-2,377.70	281.50	81.85	199.65	1.410 Level 3		
10,700.00	7,132.31	10,826.27	7,241.49	111.44	111.19	-112.86	-975.59	-2,477.69	281.05	76.41	204.65	1.373 Level 3		
10,800.00	7,132.55	10,926.27	7,241.70	114.14	113.89	-112.89	-976.10	-2,577.69	280.61	70.95	209.66	1.338 Level 3		
10,900.00	7,132.79	11,026.27	7,241.92	116.85	116.60	-112.92	-976.61	-2,677.69	280.16	65.48	214.68	1.305 Level 3		
11,000.00	7,133.03	11,126.27	7,242.13	119.57	119.32	-112.96	-977.11	-2,777.69	279.71	60.00	219.72	1.273 Level 3		
11,100.00	7,133.27	11,226.27	7,242.34	122.29	122.04	-112.99	-977.62	-2,877.68	279.27	54.51	224.76	1.243 Level 2		
11,200.00	7,133.51	11,326.27	7,242.56	125.02	124.77	-113.02	-978.13	-2,977.68	278.82	49.01	229.81	1.213 Level 2		
11,300.00	7,133.74	11,426.27	7,242.77	127.76	127.50	-113.06	-978.64	-3,077.68	278.37	43.51	234.87	1.185 Level 2		
11,400.00	7,133.98	11,526.27	7,242.98	130.50	130.24	-113.09	-979.15	-3,177.67	277.93	38.00	239.93	1.158 Level 2		
11,500.00	7,134.22	11,626.27	7,243.19	133.24	132.99	-113.12	-979.66	-3,277.67	277.48	32.48	245.00	1.133 Level 2		
11,600.00	7,134.46	11,726.26	7,243.41	135.99	135.74	-113.16	-980.16	-3,377.67	277.04	26.96	250.08	1.108 Level 2		
11,700.00	7,134.70	11,826.26	7,243.62	138.75	138.49	-113.19	-980.67	-3,477.67	276.59	21.43	255.16	1.084 Level 2		
11,800.00	7,134.94	11,926.26	7,243.83	141.51	141.25	-113.22	-981.18	-3,577.66	276.15	15.90	260.24	1.061 Level 2		
11,900.00	7,135.18	12,026.26	7,244.05	144.27	144.02	-113.26	-981.69	-3,677.66	275.70	10.37	265.33	1.039 Level 2		
12,000.00	7,135.42	12,126.26	7,244.26	147.03	146.78	-113.29	-982.20	-3,777.66	275.25	4.83	270.42	1.018 Level 2		
12,100.00	7,135.66	12,226.26	7,244.47	149.80	149.55	-113.33	-982.71	-3,877.66	274.81	-0.71	275.52	0.997 Level 1		
12,200.00	7,135.90	12,326.26	7,244.69	152.58	152.32	-113.36	-983.21	-3,977.65	274.36	-6.26	280.62	0.978 Level 1		
12,300.00	7,136.14	12,426.26	7,244.90	155.35	155.10	-113.39	-983.72	-4,077.65	273.92	-11.81	285.72	0.959 Level 1		
12,400.00	7,136.38	12,526.26	7,245.11	158.13	157.88	-113.43	-984.23	-4,177.65	273.47	-17.36	290.83	0.940 Level 1		
12,500.00	7,136.62	12,626.25	7,245.33	160.91	160.66	-113.46	-984.74	-4,277.65	273.03	-22.91	295.94	0.923 Level 1		
12,600.00	7,136.86	12,726.25	7,245.54	163.70	163.45	-113.50	-985.25	-4,377.64	272.58	-28.46	301.04	0.905 Level 1		
12,700.00	7,137.10	12,826.25	7,245.75	166.48	166.23	-113.53	-985.76	-4,477.64	272.14	-34.02	306.15	0.889 Level 1		
12,800.00	7,137.34	12,926.25	7,245.96	169.27	169.02	-113.57	-986.26	-4,577.64	271.69	-39.57	311.27	0.873 Level 1		
12,900.00	7,137.58	13,026.25	7,246.18	172.06	171.81	-113.60	-986.77	-4,677.64	271.25	-45.13	316.38	0.857 Level 1		
13,000.00	7,137.82	13,126.25	7,246.39	174.86	174.61	-113.64	-987.28	-4,777.63	270.80	-50.69	321.49	0.842 Level 1		
13,100.00	7,138.06	13,226.25	7,246.60	177.65	177.40	-113.67	-987.79	-4,877.63	270.36	-56.25	326.61	0.828 Level 1		
13,200.00	7,138.30	13,326.25	7,246.82	180.45	180.20	-113.71	-988.30	-4,977.63	269.91	-61.81	331.72	0.814 Level 1		
13,300.00	7,138.54	13,426.25	7,247.03	183.25	183.00	-113.74	-988.80	-5,077.62	269.47	-67.37	336.84	0.800 Level 1		
13,400.00	7,138.78	13,526.24	7,247.24	186.05	185.80	-113.78	-989.31	-5,177.62	269.03	-72.93	341.96	0.787 Level 1		
13,500.00	7,139.02	13,626.24	7,247.46	188.85	188.61	-113.81	-989.82	-5,277.62	268.58	-78.49	347.07	0.774 Level 1		
13,600.00	7,139.25	13,726.24	7,247.67	191.65	191.41	-113.85	-990.33	-5,377.62	268.14	-84.05	352.19	0.761 Level 1		
13,700.00	7,139.49	13,826.24	7,247.88	194.46	194.22	-113.88	-990.84	-5,477.61	267.69	-89.61	357.30	0.749 Level 1		
13,800.00	7,139.73	13,926.24	7,248.09	197.27	197.03	-113.92	-991.35	-5,577.61	267.25	-95.17	362.42	0.737 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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 16C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	14,026.24	7,248.31	200.08	199.84	-113.96	-991.85	-5,677.61	266.81	-100.73	367.53	0.726	Level 1	
14,000.00	7,140.21	14,126.24	7,248.52	202.89	202.65	-113.99	-992.36	-5,777.61	266.36	-106.28	372.65	0.715	Level 1	
14,100.00	7,140.45	14,226.24	7,248.73	205.70	205.46	-114.03	-992.87	-5,877.60	265.92	-111.84	377.76	0.704	Level 1	
14,200.00	7,140.69	14,326.24	7,248.95	208.51	208.27	-114.06	-993.38	-5,977.60	265.48	-117.40	382.87	0.693	Level 1	
14,300.00	7,140.93	14,426.23	7,249.16	211.32	211.09	-114.10	-993.89	-6,077.60	265.03	-122.95	387.99	0.683	Level 1	
14,400.00	7,141.17	14,526.23	7,249.37	214.14	213.90	-114.14	-994.40	-6,177.60	264.59	-128.51	393.10	0.673	Level 1	
14,500.00	7,141.41	14,626.23	7,249.59	216.95	216.72	-114.17	-994.90	-6,277.59	264.15	-134.06	398.21	0.663	Level 1	
14,600.00	7,141.65	14,726.23	7,249.80	219.77	219.54	-114.21	-995.41	-6,377.59	263.70	-139.61	403.31	0.654	Level 1	
14,700.00	7,141.89	14,826.23	7,250.01	222.59	222.36	-114.25	-995.92	-6,477.59	263.26	-145.16	408.42	0.645	Level 1	
14,800.00	7,142.13	14,926.23	7,250.22	225.41	225.18	-114.29	-996.43	-6,577.58	262.82	-150.71	413.53	0.636	Level 1	
14,900.00	7,142.37	15,026.23	7,250.44	228.23	228.00	-114.32	-996.94	-6,677.58	262.38	-156.26	418.63	0.627	Level 1	
15,000.00	7,142.61	15,126.23	7,250.65	231.05	230.82	-114.36	-997.45	-6,777.58	261.93	-161.80	423.73	0.618	Level 1	
15,100.00	7,142.85	15,226.23	7,250.86	233.87	233.64	-114.40	-997.95	-6,877.58	261.49	-167.34	428.83	0.610	Level 1	
15,200.00	7,143.09	15,326.22	7,251.08	236.69	236.47	-114.44	-998.46	-6,977.57	261.05	-172.88	433.93	0.602	Level 1	
15,300.00	7,143.33	15,426.22	7,251.29	239.52	239.29	-114.47	-998.97	-7,077.57	260.61	-178.42	439.03	0.594	Level 1	
15,400.00	7,143.57	15,526.22	7,251.50	242.34	242.12	-114.51	-999.48	-7,177.57	260.17	-183.96	444.13	0.586	Level 1	
15,500.00	7,143.81	15,626.22	7,251.72	245.17	244.94	-114.55	-999.99	-7,277.57	259.72	-189.50	449.22	0.578	Level 1	
15,600.00	7,144.05	15,726.22	7,251.93	247.99	247.77	-114.59	-1,000.49	-7,377.56	259.28	-195.03	454.31	0.571	Level 1	
15,700.00	7,144.29	15,826.22	7,252.14	250.82	250.60	-114.63	-1,001.00	-7,477.56	258.84	-200.56	459.40	0.563	Level 1	
15,800.00	7,144.53	15,926.22	7,252.35	253.64	253.42	-114.66	-1,001.51	-7,577.56	258.40	-206.09	464.49	0.556	Level 1	
15,900.00	7,144.76	16,026.22	7,252.57	256.47	256.25	-114.70	-1,002.02	-7,677.56	257.96	-211.62	469.57	0.549	Level 1	
16,000.00	7,145.00	16,126.22	7,252.78	259.30	259.08	-114.74	-1,002.53	-7,777.55	257.52	-217.14	474.65	0.543	Level 1	
16,100.00	7,145.24	16,226.21	7,252.99	262.13	261.91	-114.78	-1,003.04	-7,877.55	257.07	-222.66	479.73	0.536	Level 1	
16,200.00	7,145.48	16,326.21	7,253.21	264.96	264.74	-114.82	-1,003.54	-7,977.55	256.63	-228.18	484.81	0.529	Level 1	
16,300.00	7,145.72	16,426.21	7,253.42	267.79	267.57	-114.86	-1,004.05	-8,077.55	256.19	-233.70	489.89	0.523	Level 1	
16,400.00	7,145.96	16,526.21	7,253.63	270.62	270.41	-114.90	-1,004.56	-8,177.54	255.75	-239.21	494.96	0.517	Level 1	
16,500.00	7,146.20	16,626.21	7,253.85	273.45	273.24	-114.94	-1,005.07	-8,277.54	255.31	-244.72	500.03	0.511	Level 1	
16,600.00	7,146.44	16,726.21	7,254.06	276.28	276.07	-114.98	-1,005.58	-8,377.54	254.87	-250.23	505.10	0.505	Level 1	
16,700.00	7,146.68	16,826.21	7,254.27	279.12	278.90	-115.02	-1,006.09	-8,477.53	254.43	-255.73	510.16	0.499	Level 1	
16,800.00	7,146.92	16,926.21	7,254.48	281.95	281.74	-115.06	-1,006.59	-8,577.53	253.99	-261.24	515.22	0.493	Level 1	
16,900.00	7,147.16	17,026.20	7,254.70	284.78	284.57	-115.10	-1,007.10	-8,677.53	253.55	-266.73	520.28	0.487	Level 1	
17,000.00	7,147.40	17,126.20	7,254.91	287.62	287.41	-115.14	-1,007.61	-8,777.53	253.11	-272.23	525.34	0.482	Level 1	
17,100.00	7,147.64	17,226.20	7,255.12	290.45	290.24	-115.18	-1,008.12	-8,877.52	252.67	-277.72	530.39	0.476	Level 1	
17,200.00	7,147.88	17,326.20	7,255.34	293.28	293.08	-115.22	-1,008.63	-8,977.52	252.23	-283.22	535.44	0.471	Level 1	
17,300.00	7,148.12	17,426.20	7,255.55	296.12	295.92	-115.26	-1,009.13	-9,077.52	251.79	-288.70	540.49	0.466	Level 1	
17,400.00	7,148.36	17,526.20	7,255.76	298.95	298.75	-115.30	-1,009.64	-9,177.52	251.35	-294.19	545.54	0.461	Level 1	
17,500.00	7,148.60	17,626.20	7,255.98	301.79	301.59	-115.34	-1,010.15	-9,277.51	250.91	-299.67	550.58	0.456	Level 1	
17,600.00	7,148.84	17,726.20	7,256.19	304.63	304.43	-115.38	-1,010.66	-9,377.51	250.47	-305.14	555.62	0.451	Level 1	
17,700.00	7,149.08	17,826.20	7,256.40	307.46	307.27	-115.42	-1,011.17	-9,477.51	250.03	-310.62	560.65	0.446	Level 1	
17,800.00	7,149.32	17,926.19	7,256.61	310.30	310.10	-115.46	-1,011.68	-9,577.51	249.59	-316.09	565.68	0.441	Level 1	
17,900.00	7,149.56	18,026.19	7,256.83	313.14	312.94	-115.50	-1,012.18	-9,677.50	249.15	-321.56	570.71	0.437	Level 1	
18,000.00	7,149.80	18,126.19	7,257.04	315.98	315.78	-115.54	-1,012.69	-9,777.50	248.71	-327.02	575.74	0.432	Level 1	
18,100.00	7,150.04	18,226.19	7,257.25	318.81	318.62	-115.58	-1,013.20	-9,877.50	248.28	-332.48	580.76	0.428	Level 1	
18,200.00	7,150.27	18,326.19	7,257.47	321.65	321.46	-115.63	-1,013.71	-9,977.50	247.84	-337.94	585.78	0.423	Level 1	
18,300.00	7,150.51	18,426.19	7,257.68	324.49	324.30	-115.67	-1,014.22	-10,077.49	247.40	-343.39	590.79	0.419	Level 1	
18,400.00	7,150.75	18,526.19	7,257.89	327.33	327.14	-115.71	-1,014.73	-10,177.49	246.96	-348.84	595.80	0.415	Level 1	
18,500.00	7,150.99	18,626.19	7,258.11	330.17	329.98	-115.75	-1,015.23	-10,277.49	246.52	-354.29	600.81	0.410	Level 1	
18,600.00	7,151.23	18,726.19	7,258.32	333.01	332.82	-115.79	-1,015.74	-10,377.48	246.08	-359.73	605.81	0.406	Level 1	
18,700.00	7,151.47	18,826.18	7,258.53	335.85	335.66	-115.84	-1,016.25	-10,477.48	245.65	-365.17	610.81	0.402	Level 1	
18,800.00	7,151.71	18,926.18	7,258.74	338.69	338.51	-115.88	-1,016.76	-10,577.48	245.21	-370.60	615.81	0.398	Level 1	
18,900.00	7,151.95	19,026.18	7,258.96	341.53	341.35	-115.92	-1,017.27	-10,677.48	244.77	-376.03	620.80	0.394	Level 1	
18,920.23	7,152.00	19,046.41	7,259.00	342.10	341.92	-115.93	-1,017.37	-10,697.71	244.68	-377.13	621.81	0.393	Level 1, ES, SF	

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-29.88	-0.28	29.88					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-29.88	-0.28	29.88	23.31	6.57	4.548		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-29.88	-0.28	29.88	23.20	6.67	4.477 CC		
300.00	299.98	299.30	299.28	3.44	3.44	60.98	-31.05	0.98	30.19	23.31	6.89	4.385		
400.00	399.84	398.59	398.43	3.60	3.59	62.27	-34.57	4.75	31.14	23.94	7.20	4.326		
500.00	499.45	497.86	497.33	3.80	3.79	64.25	-40.43	11.04	32.75	25.14	7.61	4.305		
600.00	598.70	597.11	595.84	4.04	4.03	66.71	-48.62	19.82	35.06	26.96	8.10	4.329		
700.00	697.47	696.33	693.85	4.33	4.31	69.41	-59.13	31.09	38.12	29.45	8.67	4.397		
800.00	795.62	795.51	791.23	4.65	4.63	72.16	-71.94	44.83	41.94	32.63	9.31	4.505		
865.50	859.53	860.44	854.61	4.89	4.87	73.92	-81.57	55.15	44.87	35.10	9.77	4.593		
900.00	893.10	894.63	887.85	5.02	4.99	74.60	-87.03	61.01	46.60	36.58	10.02	4.650		
1,000.00	990.42	993.64	983.53	5.41	5.39	74.06	-104.37	79.61	52.73	41.94	10.80	4.884		
1,100.00	1,087.73	1,106.62	1,079.47	5.83	5.89	72.21	-122.96	99.54	59.71	48.04	11.67	5.115		
1,200.00	1,185.05	1,206.88	1,175.41	6.27	6.35	70.74	-141.55	119.48	66.74	54.21	12.53	5.327		
1,300.00	1,282.36	1,307.14	1,271.36	6.72	6.83	69.55	-160.14	139.41	73.80	60.39	13.41	5.502		
1,400.00	1,379.67	1,407.40	1,367.30	7.18	7.32	68.57	-178.73	159.35	80.89	66.57	14.32	5.650		
1,500.00	1,476.99	1,507.66	1,463.24	7.65	7.82	67.75	-197.32	179.28	88.00	72.76	15.24	5.774		
1,600.00	1,574.30	1,592.08	1,559.18	8.13	8.26	67.05	-215.91	199.22	95.12	79.02	16.10	5.907		
1,700.00	1,671.61	1,708.18	1,655.13	8.62	8.86	66.45	-234.50	219.15	102.26	85.13	17.13	5.969		
1,800.00	1,768.93	1,808.44	1,751.07	9.11	9.39	65.93	-253.09	239.09	109.41	91.31	18.09	6.047		
1,900.00	1,866.24	1,908.70	1,847.01	9.60	9.92	65.47	-271.68	259.02	116.56	97.50	19.06	6.114		
2,000.00	1,963.56	1,991.04	1,942.96	10.10	10.36	65.07	-290.27	278.96	123.72	103.77	19.95	6.201		
2,100.00	2,060.87	2,109.22	2,038.90	10.61	11.00	64.71	-308.86	298.89	130.89	109.86	21.03	6.225		
2,200.00	2,158.18	2,209.48	2,134.84	11.11	11.54	64.38	-327.45	318.83	138.06	116.04	22.02	6.270		
2,300.00	2,255.50	2,309.74	2,230.78	11.62	12.09	64.09	-346.04	338.76	145.23	122.22	23.01	6.310		
2,400.00	2,352.81	2,390.00	2,326.73	12.13	12.53	63.83	-364.63	358.70	152.41	128.50	23.91	6.374		
2,500.00	2,450.13	2,489.74	2,422.67	12.65	13.08	63.59	-383.22	378.63	159.59	134.67	24.91	6.406		
2,600.00	2,547.44	2,589.48	2,518.61	13.16	13.63	63.37	-401.81	398.57	166.77	140.85	25.92	6.434		
2,700.00	2,644.75	2,689.22	2,614.56	13.68	14.18	63.17	-420.40	418.50	173.96	147.03	26.93	6.460		
2,800.00	2,742.07	2,788.96	2,710.50	14.20	14.73	62.98	-438.99	438.44	181.14	153.21	27.94	6.484		
2,900.00	2,839.38	2,888.69	2,806.44	14.71	15.29	62.81	-457.58	458.37	188.33	159.38	28.95	6.505		
3,000.00	2,936.70	2,988.43	2,902.38	15.23	15.85	62.65	-476.17	478.31	195.52	165.56	29.97	6.525		
3,100.00	3,034.01	3,088.17	2,998.33	15.76	16.40	62.50	-494.76	498.24	202.72	171.73	30.98	6.542		
3,200.00	3,131.32	3,187.91	3,094.27	16.28	16.96	62.36	-513.35	518.18	209.91	177.91	32.00	6.559		
3,300.00	3,228.64	3,287.65	3,190.21	16.80	17.52	62.24	-531.93	538.11	217.10	184.08	33.03	6.574		
3,400.00	3,325.95	3,387.39	3,286.16	17.32	18.08	62.12	-550.52	558.05	224.30	190.25	34.05	6.588		
3,500.00	3,423.26	3,487.13	3,382.10	17.85	18.64	62.00	-569.11	577.98	231.50	196.42	35.07	6.601		
3,600.00	3,520.58	3,586.87	3,478.04	18.37	19.21	61.90	-587.70	597.92	238.69	202.60	36.10	6.612		
3,700.00	3,617.89	3,686.61	3,573.98	18.90	19.77	61.80	-606.29	617.85	245.89	208.77	37.12	6.624		
3,800.00	3,715.21	3,786.35	3,669.93	19.43	20.33	61.70	-624.88	637.79	253.09	214.94	38.15	6.634		
3,900.00	3,812.52	3,886.09	3,765.87	19.95	20.90	61.62	-643.47	657.72	260.29	221.11	39.18	6.643		
4,000.00	3,909.83	3,985.83	3,861.81	20.48	21.46	61.53	-662.06	677.66	267.49	227.28	40.21	6.652		
4,100.00	4,007.15	4,085.57	3,957.76	21.01	22.02	61.45	-680.65	697.59	274.69	233.45	41.24	6.661		
4,200.00	4,104.46	4,185.31	4,053.70	21.53	22.59	61.38	-699.24	717.53	281.89	239.62	42.27	6.669		
4,300.00	4,201.78	4,285.05	4,149.64	22.06	23.15	61.30	-717.83	737.46	289.09	245.79	43.30	6.676		
4,400.00	4,299.09	4,384.79	4,245.58	22.59	23.72	61.24	-736.42	757.40	296.29	251.96	44.34	6.683		
4,500.00	4,396.40	4,484.53	4,341.53	23.12	24.28	61.17	-755.01	777.33	303.50	258.13	45.37	6.690		
4,600.00	4,493.72	4,584.27	4,437.47	23.65	24.85	61.11	-773.60	797.27	310.70	264.30	46.40	6.696		
4,700.00	4,591.03	4,684.01	4,533.41	24.18	25.42	61.05	-792.19	817.20	317.90	270.47	47.44	6.702		
4,800.00	4,688.34	4,783.75	4,629.36	24.71	25.98	60.99	-810.78	837.14	325.11	276.63	48.47	6.707		
4,900.00	4,785.66	4,883.49	4,725.30	25.24	26.55	60.94	-829.37	857.07	332.31	282.80	49.51	6.712		
5,000.00	4,882.97	4,983.23	4,821.24	25.77	27.12	60.89	-847.96	877.01	339.51	288.97	50.54	6.717		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,082.97	4,917.18	26.30	27.69	60.84	-866.55	896.94	346.72	295.14	51.58	6.722		
5,200.00	5,077.60	5,182.71	5,013.13	26.83	28.25	60.79	-885.14	916.88	353.92	301.31	52.61	6.727		
5,300.00	5,174.91	5,282.45	5,109.07	27.36	28.82	60.74	-903.73	936.81	361.13	307.47	53.65	6.731		
5,400.00	5,272.23	5,382.19	5,205.01	27.89	29.39	60.70	-922.32	956.75	368.33	313.64	54.69	6.735		
5,500.00	5,369.54	5,481.93	5,300.96	28.42	29.96	60.66	-940.91	976.68	375.54	319.81	55.73	6.739		
5,600.00	5,466.86	5,581.67	5,396.90	28.95	30.53	60.62	-959.50	996.62	382.74	325.98	56.76	6.743		
5,700.00	5,564.17	5,681.41	5,492.84	29.48	31.09	60.58	-978.09	1,016.55	389.95	332.14	57.80	6.746		
5,800.00	5,661.48	5,781.15	5,588.79	30.01	31.66	60.54	-996.68	1,036.49	397.15	338.31	58.84	6.750		
5,900.00	5,758.80	5,880.89	5,684.73	30.54	32.23	60.50	-1,015.27	1,056.42	404.36	344.48	59.88	6.753		
6,000.00	5,856.11	5,980.63	5,780.67	31.07	32.80	60.47	-1,033.86	1,076.36	411.56	350.64	60.92	6.756		
6,100.00	5,953.43	6,080.37	5,876.61	31.61	33.37	60.44	-1,052.45	1,096.29	418.77	356.81	61.96	6.759		
6,200.00	6,050.74	6,180.11	5,972.56	32.14	33.94	60.40	-1,071.04	1,116.23	425.98	362.98	63.00	6.762		
6,300.00	6,148.05	6,279.85	6,068.50	32.67	34.51	60.37	-1,089.62	1,136.16	433.18	369.14	64.04	6.765		
6,400.00	6,245.37	6,379.59	6,164.44	33.20	35.08	60.34	-1,108.21	1,156.10	440.39	375.31	65.08	6.767		
6,500.00	6,342.68	6,479.32	6,260.39	33.73	35.65	60.31	-1,126.80	1,176.03	447.60	381.48	66.12	6.770		
6,520.81	6,362.93	6,500.08	6,280.35	33.85	35.77	60.30	-1,130.67	1,180.18	449.09	382.76	66.33	6.770		
6,550.00	6,391.46	6,529.18	6,308.34	34.00	35.93	54.07	-1,136.10	1,186.00	451.22	384.59	66.62	6.773		
6,600.00	6,440.79	6,578.32	6,355.87	34.23	36.20	35.13	-1,145.30	1,194.39	454.97	387.92	67.05	6.786		
6,650.00	6,490.44	6,627.56	6,403.98	34.43	36.44	-0.06	-1,154.59	1,199.06	458.91	391.49	67.42	6.806		
6,700.00	6,540.10	6,677.01	6,452.52	34.60	36.64	-36.21	-1,163.94	1,199.92	463.02	395.26	67.76	6.833		
6,750.00	6,589.46	6,726.67	6,501.19	34.76	36.82	-56.06	-1,173.29	1,196.92	467.26	399.18	68.08	6.864		
6,800.00	6,638.22	6,776.57	6,549.71	34.92	36.98	-66.10	-1,182.59	1,190.04	471.62	403.22	68.40	6.895		
6,850.00	6,686.09	6,826.69	6,597.78	35.07	37.12	-71.77	-1,191.78	1,179.24	476.06	407.33	68.73	6.927		
6,900.00	6,732.75	6,877.06	6,645.09	35.24	37.26	-75.32	-1,200.80	1,164.55	480.57	411.48	69.08	6.956		
6,950.00	6,777.94	6,927.67	6,691.33	35.42	37.40	-77.69	-1,209.60	1,146.00	485.10	415.63	69.47	6.983		
7,000.00	6,821.36	6,978.53	6,736.20	35.61	37.55	-79.37	-1,218.10	1,123.66	489.63	419.75	69.89	7.006		
7,050.00	6,862.75	7,029.63	6,779.39	35.83	37.70	-80.58	-1,226.27	1,097.60	494.14	423.79	70.34	7.024		
7,100.00	6,901.85	7,080.99	6,820.59	36.06	37.87	-81.49	-1,234.02	1,067.95	498.58	427.73	70.85	7.037		
7,150.00	6,938.43	7,132.60	6,859.48	36.32	38.06	-82.17	-1,241.32	1,034.86	502.94	431.52	71.42	7.042		
7,200.00	6,972.26	7,184.45	6,895.79	36.61	38.27	-82.68	-1,248.09	998.49	507.18	435.13	72.05	7.039		
7,250.00	7,003.13	7,236.53	6,929.22	36.93	38.51	-83.07	-1,254.29	959.05	511.28	438.52	72.76	7.027		
7,300.00	7,030.85	7,288.85	6,959.50	37.29	38.78	-83.35	-1,259.87	916.77	515.20	441.66	73.55	7.005		
7,350.00	7,055.25	7,341.38	6,986.37	37.68	39.09	-83.55	-1,264.78	871.92	518.93	444.50	74.43	6.972		
7,400.00	7,076.17	7,394.11	7,009.61	38.12	39.43	-83.68	-1,268.98	824.79	522.43	447.03	75.40	6.929		
7,450.00	7,093.50	7,447.02	7,029.00	38.60	39.83	-83.75	-1,272.42	775.70	525.68	449.22	76.46	6.875		
7,500.00	7,107.11	7,500.10	7,044.37	39.11	40.26	-83.77	-1,275.08	724.98	528.66	451.05	77.61	6.812		
7,550.00	7,116.94	7,553.32	7,055.56	39.66	40.75	-83.74	-1,276.93	672.99	531.35	452.51	78.85	6.739		
7,600.00	7,122.91	7,606.66	7,062.46	40.24	41.28	-83.68	-1,277.94	620.13	533.74	453.58	80.15	6.659		
7,650.18	7,125.00	7,660.28	7,064.99	40.85	41.84	-83.57	-1,278.12	566.58	535.80	454.28	81.52	6.573		
7,700.00	7,125.12	7,710.17	7,065.16	41.48	42.41	-83.60	-1,277.85	516.69	537.67	454.82	82.84	6.490		
7,800.00	7,125.36	7,810.10	7,065.51	42.88	43.67	-83.65	-1,277.33	416.77	541.42	455.71	85.71	6.317		
7,900.00	7,125.60	7,910.03	7,065.85	44.42	45.09	-83.71	-1,276.81	316.84	545.17	456.31	88.86	6.135		
8,000.00	7,125.84	8,009.96	7,066.19	46.10	46.66	-83.76	-1,276.28	216.91	548.93	456.68	92.25	5.951		
8,100.00	7,126.08	8,109.88	7,066.54	47.89	48.37	-83.82	-1,275.76	116.99	552.68	456.82	95.86	5.766		
8,200.00	7,126.32	8,209.81	7,066.88	49.79	50.19	-83.87	-1,275.23	17.06	556.43	456.77	99.66	5.583		
8,300.00	7,126.56	8,309.74	7,067.22	51.79	52.11	-83.92	-1,274.71	-82.86	560.19	456.55	103.64	5.405		
8,400.00	7,126.80	8,409.67	7,067.57	53.86	54.12	-83.97	-1,274.19	-182.79	563.95	456.17	107.77	5.233		
8,500.00	7,127.04	8,509.60	7,067.91	56.00	56.21	-84.02	-1,273.66	-282.72	567.70	455.65	112.05	5.067		
8,600.00	7,127.28	8,609.53	7,068.26	58.21	58.37	-84.07	-1,273.14	-382.64	571.46	455.02	116.44	4.908		
8,689.38	7,127.49	8,701.15	7,068.56	60.24	60.41	-84.12	-1,272.67	-471.96	574.82	454.30	120.51	4.770		
8,700.00	7,127.52	8,709.45	7,068.60	60.48	60.59	-84.12	-1,272.61	-482.57	575.20	454.25	120.95	4.756		
8,800.00	7,127.76	8,809.44	7,068.94	62.79	62.87	-84.15	-1,272.09	-582.55	576.85	451.30	125.54	4.595		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 16N-9B-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	8,850.50	7,069.08	63.74	63.82	-84.15	-1,271.87	-623.62	576.52	449.06	127.46	4.523		
8,900.00	7,128.00	8,909.43	7,069.29	65.12	65.20	-84.14	-1,271.56	-682.54	575.63	445.41	130.22	4.421		
9,000.00	7,128.23	9,009.42	7,069.63	67.50	67.57	-84.14	-1,271.04	-782.53	574.12	439.15	134.97	4.254		
9,100.00	7,128.47	9,109.40	7,069.97	69.91	69.97	-84.13	-1,270.52	-882.51	572.61	432.82	139.79	4.096		
9,200.00	7,128.71	9,209.39	7,070.32	72.35	72.41	-84.13	-1,269.99	-982.50	571.10	426.43	144.67	3.948		
9,300.00	7,128.95	9,309.38	7,070.66	74.83	74.88	-84.12	-1,269.47	-1,082.49	569.60	419.98	149.62	3.807		
9,400.00	7,129.19	9,409.37	7,071.00	77.33	77.38	-84.12	-1,268.94	-1,182.47	568.09	413.48	154.61	3.674		
9,500.00	7,129.43	9,509.36	7,071.35	79.86	79.91	-84.11	-1,268.42	-1,282.46	566.58	406.93	159.65	3.549		
9,600.00	7,129.67	9,609.35	7,071.69	82.41	82.46	-84.11	-1,267.89	-1,382.45	565.07	400.34	164.73	3.430		
9,700.00	7,129.91	9,709.34	7,072.04	84.97	85.02	-84.10	-1,267.37	-1,482.43	563.56	393.71	169.85	3.318		
9,800.00	7,130.15	9,809.32	7,072.38	87.56	87.61	-84.10	-1,266.84	-1,582.42	562.05	387.05	175.00	3.212		
9,900.00	7,130.39	9,909.31	7,072.72	90.16	90.21	-84.09	-1,266.32	-1,682.41	560.54	380.35	180.19	3.111		
10,000.00	7,130.63	10,009.30	7,073.07	92.78	92.83	-84.09	-1,265.80	-1,782.39	559.03	373.63	185.41	3.015		
10,100.00	7,130.87	10,109.29	7,073.41	95.41	95.46	-84.08	-1,265.27	-1,882.38	557.52	366.87	190.65	2.924		
10,200.00	7,131.11	10,209.28	7,073.75	98.06	98.11	-84.08	-1,264.75	-1,982.37	556.01	360.10	195.92	2.838		
10,300.00	7,131.35	10,309.27	7,074.10	100.71	100.77	-84.07	-1,264.22	-2,082.35	554.51	353.30	201.21	2.756		
10,400.00	7,131.59	10,409.26	7,074.44	103.38	103.44	-84.07	-1,263.70	-2,182.34	553.00	346.48	206.52	2.678		
10,500.00	7,131.83	10,509.24	7,074.78	106.06	106.12	-84.06	-1,263.17	-2,282.33	551.49	339.64	211.85	2.603		
10,600.00	7,132.07	10,609.23	7,075.13	108.74	108.80	-84.05	-1,262.65	-2,382.31	549.98	332.78	217.20	2.532		
10,700.00	7,132.31	10,709.22	7,075.47	111.44	111.50	-84.05	-1,262.12	-2,482.30	548.47	325.90	222.57	2.464		
10,800.00	7,132.55	10,809.21	7,075.82	114.14	114.21	-84.04	-1,261.60	-2,582.29	546.96	319.01	227.95	2.399		
10,900.00	7,132.79	10,909.20	7,076.16	116.85	116.92	-84.04	-1,261.08	-2,682.27	545.45	312.11	233.34	2.338		
11,000.00	7,133.03	11,009.19	7,076.50	119.57	119.64	-84.03	-1,260.55	-2,782.26	543.94	305.19	238.75	2.278		
11,100.00	7,133.27	11,109.18	7,076.85	122.29	122.36	-84.03	-1,260.03	-2,882.25	542.43	298.26	244.17	2.221		
11,200.00	7,133.51	11,209.17	7,077.19	125.02	125.10	-84.02	-1,259.50	-2,982.23	540.92	291.32	249.61	2.167		
11,300.00	7,133.74	11,309.15	7,077.53	127.76	127.84	-84.02	-1,258.98	-3,082.22	539.42	284.36	255.05	2.115		
11,400.00	7,133.98	11,409.14	7,077.88	130.50	130.58	-84.01	-1,258.45	-3,182.21	537.91	277.40	260.51	2.065		
11,500.00	7,134.22	11,509.13	7,078.22	133.24	133.33	-84.00	-1,257.93	-3,282.19	536.40	270.43	265.97	2.017		
11,600.00	7,134.46	11,609.12	7,078.56	135.99	136.08	-84.00	-1,257.40	-3,382.18	534.89	263.44	271.44	1.971		
11,700.00	7,134.70	11,709.11	7,078.91	138.75	138.84	-83.99	-1,256.88	-3,482.17	533.38	256.45	276.93	1.926		
11,800.00	7,134.94	11,809.10	7,079.25	141.51	141.60	-83.99	-1,256.35	-3,582.15	531.87	249.46	282.42	1.883		
11,900.00	7,135.18	11,909.09	7,079.60	144.27	144.37	-83.98	-1,255.83	-3,682.14	530.36	242.45	287.91	1.842		
12,000.00	7,135.42	12,009.07	7,079.94	147.03	147.13	-83.98	-1,255.31	-3,782.12	528.85	235.44	293.42	1.802		
12,100.00	7,135.66	12,109.06	7,080.28	149.80	149.91	-83.97	-1,254.78	-3,882.11	527.34	228.42	298.93	1.764		
12,200.00	7,135.90	12,209.05	7,080.63	152.58	152.68	-83.96	-1,254.26	-3,982.10	525.84	221.39	304.45	1.727		
12,300.00	7,136.14	12,309.04	7,080.97	155.35	155.46	-83.96	-1,253.73	-4,082.08	524.33	214.36	309.97	1.692		
12,400.00	7,136.38	12,409.03	7,081.31	158.13	158.24	-83.95	-1,253.21	-4,182.07	522.82	207.32	315.50	1.657		
12,500.00	7,136.62	12,509.02	7,081.66	160.91	161.03	-83.95	-1,252.68	-4,282.06	521.31	200.28	321.03	1.624		
12,600.00	7,136.86	12,609.01	7,082.00	163.70	163.82	-83.94	-1,252.16	-4,382.04	519.80	193.23	326.57	1.592		
12,700.00	7,137.10	12,708.99	7,082.34	166.48	166.61	-83.93	-1,251.64	-4,482.03	518.29	186.18	332.11	1.561		
12,800.00	7,137.34	12,808.98	7,082.69	169.27	169.40	-83.93	-1,251.11	-4,582.02	516.78	179.12	337.66	1.530		
12,900.00	7,137.58	12,908.97	7,083.03	172.06	172.19	-83.92	-1,250.59	-4,682.00	515.27	172.06	343.22	1.501		
13,000.00	7,137.82	13,008.96	7,083.38	174.86	174.99	-83.91	-1,250.06	-4,781.99	513.76	164.99	348.77	1.473 Level 3		
13,100.00	7,138.06	13,108.95	7,083.72	177.65	177.79	-83.91	-1,249.54	-4,881.98	512.26	157.92	354.33	1.446 Level 3		
13,200.00	7,138.30	13,208.94	7,084.06	180.45	180.59	-83.90	-1,249.01	-4,981.96	510.75	150.85	359.90	1.419 Level 3		
13,300.00	7,138.54	13,308.93	7,084.41	183.25	183.39	-83.90	-1,248.49	-5,081.95	509.24	143.77	365.47	1.393 Level 3		
13,400.00	7,138.78	13,408.91	7,084.75	186.05	186.20	-83.89	-1,247.96	-5,181.94	507.73	136.69	371.04	1.368 Level 3		
13,500.00	7,139.02	13,508.90	7,085.09	188.85	189.01	-83.88	-1,247.44	-5,281.92	506.22	129.61	376.61	1.344 Level 3		
13,600.00	7,139.25	13,608.89	7,085.44	191.65	191.81	-83.88	-1,246.92	-5,381.91	504.71	122.52	382.19	1.321 Level 3		
13,700.00	7,139.49	13,708.88	7,085.78	194.46	194.62	-83.87	-1,246.39	-5,481.90	503.20	115.43	387.77	1.298 Level 3		
13,800.00	7,139.73	13,808.87	7,086.13	197.27	197.43	-83.86	-1,245.87	-5,581.88	501.69	108.34	393.36	1.275 Level 3		
13,900.00	7,139.97	13,908.86	7,086.47	200.08	200.25	-83.86	-1,245.34	-5,681.87	500.18	101.24	398.94	1.254 Level 3		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 16N-9B-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,140.21	14,008.85	7,086.81	202.89	203.06	-83.85	-1,244.82	-5,781.86	498.68	94.14	404.53	1.233	Level 2	
14,100.00	7,140.45	14,108.83	7,087.16	205.70	205.88	-83.84	-1,244.29	-5,881.84	497.17	87.04	410.12	1.212	Level 2	
14,200.00	7,140.69	14,208.82	7,087.50	208.51	208.69	-83.84	-1,243.77	-5,981.83	495.66	79.94	415.72	1.192	Level 2	
14,300.00	7,140.93	14,308.81	7,087.84	211.32	211.51	-83.83	-1,243.24	-6,081.82	494.15	72.84	421.31	1.173	Level 2	
14,400.00	7,141.17	14,408.80	7,088.19	214.14	214.33	-83.82	-1,242.72	-6,181.80	492.64	65.73	426.91	1.154	Level 2	
14,500.00	7,141.41	14,508.79	7,088.53	216.95	217.15	-83.82	-1,242.20	-6,281.79	491.13	58.62	432.51	1.136	Level 2	
14,600.00	7,141.65	14,608.78	7,088.87	219.77	219.97	-83.81	-1,241.67	-6,381.78	489.62	51.51	438.11	1.118	Level 2	
14,700.00	7,141.89	14,708.77	7,089.22	222.59	222.79	-83.80	-1,241.15	-6,481.76	488.11	44.40	443.72	1.100	Level 2	
14,800.00	7,142.13	14,808.75	7,089.56	225.41	225.61	-83.80	-1,240.62	-6,581.75	486.61	37.28	449.32	1.083	Level 2	
14,900.00	7,142.37	14,908.74	7,089.91	228.23	228.44	-83.79	-1,240.10	-6,681.74	485.10	30.17	454.93	1.066	Level 2	
15,000.00	7,142.61	15,008.73	7,090.25	231.05	231.26	-83.78	-1,239.57	-6,781.72	483.59	23.05	460.54	1.050	Level 2	
15,100.00	7,142.85	15,108.72	7,090.59	233.87	234.09	-83.77	-1,239.05	-6,881.71	482.08	15.93	466.15	1.034	Level 2	
15,200.00	7,143.09	15,208.71	7,090.94	236.69	236.92	-83.77	-1,238.52	-6,981.70	480.57	8.81	471.76	1.019	Level 2	
15,269.32	7,143.25	15,270.78	7,091.15	238.65	238.67	-83.77	-1,238.53	-7,043.77	479.91	4.55	475.36	1.010	Level 2	
15,300.00	7,143.33	15,297.08	7,091.24	239.52	239.41	-83.77	-1,238.91	-7,070.07	480.05	3.19	476.86	1.007	Level 2	
15,400.00	7,143.57	15,407.85	7,091.58	242.34	242.53	-83.81	-1,241.56	-7,165.10	481.81	-0.82	482.63	0.998	Level 1	
15,500.00	7,143.81	15,507.87	7,091.93	245.17	245.34	-83.85	-1,244.50	-7,265.04	483.74	-4.52	488.26	0.991	Level 1	
15,600.00	7,144.05	15,607.89	7,092.28	247.99	248.15	-83.88	-1,247.44	-7,364.97	485.68	-8.22	493.90	0.983	Level 1	
15,700.00	7,144.29	15,707.90	7,092.63	250.82	250.97	-83.92	-1,250.38	-7,464.91	487.61	-11.93	499.54	0.976	Level 1	
15,800.00	7,144.53	15,807.92	7,092.98	253.64	253.79	-83.96	-1,253.32	-7,564.85	489.55	-15.64	505.19	0.969	Level 1	
15,900.00	7,144.76	15,907.94	7,093.33	256.47	256.60	-83.99	-1,256.26	-7,664.78	491.49	-19.34	510.83	0.962	Level 1	
16,000.00	7,145.00	16,007.96	7,093.69	259.30	259.42	-84.03	-1,259.20	-7,764.72	493.42	-23.05	516.48	0.955	Level 1	
16,100.00	7,145.24	16,107.98	7,094.04	262.13	262.24	-84.07	-1,262.14	-7,864.66	495.36	-26.76	522.12	0.949	Level 1	
16,200.00	7,145.48	16,208.00	7,094.39	264.96	265.06	-84.10	-1,265.08	-7,964.59	497.30	-30.48	527.77	0.942	Level 1	
16,300.00	7,145.72	16,308.02	7,094.74	267.79	267.88	-84.14	-1,268.02	-8,064.53	499.23	-34.19	533.42	0.936	Level 1	
16,400.00	7,145.96	16,408.04	7,095.09	270.62	270.70	-84.18	-1,270.96	-8,164.47	501.17	-37.90	539.07	0.930	Level 1	
16,500.00	7,146.20	16,508.06	7,095.44	273.45	273.52	-84.21	-1,273.90	-8,264.41	503.11	-41.62	544.73	0.924	Level 1	
16,600.00	7,146.44	16,608.08	7,095.80	276.28	276.34	-84.25	-1,276.84	-8,364.34	505.05	-45.33	550.38	0.918	Level 1	
16,700.00	7,146.68	16,708.10	7,096.15	279.12	279.17	-84.28	-1,279.78	-8,464.28	506.99	-49.05	556.04	0.912	Level 1	
16,800.00	7,146.92	16,791.88	7,096.50	281.95	281.53	-84.32	-1,282.72	-8,564.22	508.92	-52.32	561.24	0.907	Level 1	
16,900.00	7,147.16	16,908.14	7,096.85	284.78	284.81	-84.35	-1,285.66	-8,664.15	510.86	-56.49	567.35	0.900	Level 1	
17,000.00	7,147.40	17,008.16	7,097.20	287.62	287.64	-84.38	-1,288.60	-8,764.09	512.80	-60.21	573.01	0.895	Level 1	
17,100.00	7,147.64	17,108.17	7,097.55	290.45	290.46	-84.42	-1,291.54	-8,864.03	514.74	-63.93	578.67	0.890	Level 1	
17,200.00	7,147.88	17,208.19	7,097.91	293.28	293.29	-84.45	-1,294.48	-8,963.96	516.68	-67.66	584.34	0.884	Level 1	
17,300.00	7,148.12	17,308.21	7,098.26	296.12	296.11	-84.48	-1,297.42	-9,063.90	518.62	-71.38	590.00	0.879	Level 1	
17,400.00	7,148.36	17,408.23	7,098.61	298.95	298.94	-84.52	-1,300.36	-9,163.84	520.56	-75.11	595.66	0.874	Level 1	
17,500.00	7,148.60	17,508.25	7,098.96	301.79	301.77	-84.55	-1,303.30	-9,263.77	522.50	-78.83	601.33	0.869	Level 1	
17,600.00	7,148.84	17,608.27	7,099.31	304.63	304.59	-84.58	-1,306.24	-9,363.71	524.44	-82.56	606.99	0.864	Level 1	
17,700.00	7,149.08	17,708.29	7,099.66	307.46	307.42	-84.62	-1,309.18	-9,463.65	526.38	-86.28	612.66	0.859	Level 1	
17,800.00	7,149.32	17,808.31	7,100.02	310.30	310.25	-84.65	-1,312.12	-9,563.59	528.32	-90.01	618.33	0.854	Level 1	
17,900.00	7,149.56	17,908.33	7,100.37	313.14	313.08	-84.68	-1,315.06	-9,663.52	530.26	-93.74	624.00	0.850	Level 1	
18,000.00	7,149.80	18,008.35	7,100.72	315.98	315.91	-84.71	-1,318.00	-9,763.46	532.20	-97.47	629.67	0.845	Level 1	
18,100.00	7,150.04	18,108.37	7,101.07	318.81	318.74	-84.74	-1,320.94	-9,863.40	534.14	-101.20	635.34	0.841	Level 1	
18,200.00	7,150.27	18,208.39	7,101.42	321.65	321.56	-84.77	-1,323.88	-9,963.33	536.08	-104.93	641.01	0.836	Level 1	
18,300.00	7,150.51	18,308.41	7,101.77	324.49	324.39	-84.80	-1,326.82	-10,063.27	538.02	-108.66	646.68	0.832	Level 1	
18,400.00	7,150.75	18,408.42	7,102.13	327.33	327.22	-84.83	-1,329.76	-10,163.21	539.96	-112.40	652.35	0.828	Level 1	
18,500.00	7,150.99	18,508.44	7,102.48	330.17	330.06	-84.87	-1,332.70	-10,263.14	541.90	-116.13	658.03	0.824	Level 1	
18,600.00	7,151.23	18,608.46	7,102.83	333.01	332.89	-84.90	-1,335.64	-10,363.08	543.84	-119.86	663.70	0.819	Level 1	
18,700.00	7,151.47	18,708.48	7,103.18	335.85	335.72	-84.93	-1,338.58	-10,463.02	545.78	-123.60	669.38	0.815	Level 1	
18,800.00	7,151.71	18,808.50	7,103.53	338.69	338.55	-84.96	-1,341.52	-10,562.95	547.72	-127.33	675.05	0.811	Level 1	
18,900.00	7,151.95	18,891.48	7,103.88	341.53	340.90	-84.98	-1,344.46	-10,662.89	549.66	-130.58	680.25	0.808	Level 1	
18,920.23	7,152.00	18,911.71	7,103.96	342.10	341.47	-84.99	-1,345.05	-10,683.11	550.06	-131.34	681.40	0.807	Level 1, ES, SF	

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-89.98	-0.83	89.99					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-89.98	-0.83	89.99	83.42	6.57	13.698		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-89.98	-0.83	89.99	83.31	6.67	13.483 CC, ES		
300.00	299.98	297.47	297.46	3.44	3.44	60.86	-91.36	0.09	90.53	83.65	6.88	13.149		
400.00	399.84	394.92	394.77	3.60	3.58	61.83	-95.48	2.88	92.18	84.98	7.20	12.805		
500.00	499.45	492.29	491.79	3.80	3.78	63.37	-102.33	7.51	94.99	87.38	7.61	12.484		
600.00	598.70	589.58	588.38	4.04	4.01	65.37	-111.90	13.98	99.02	90.92	8.10	12.223		
700.00	697.47	686.73	684.39	4.33	4.28	67.70	-124.16	22.26	104.37	95.71	8.67	12.043		
800.00	795.62	783.73	779.70	4.65	4.59	70.22	-139.09	32.35	111.13	101.83	9.30	11.952		
865.50	859.53	847.17	841.68	4.89	4.81	71.91	-150.29	39.93	116.34	106.59	9.74	11.940		
900.00	893.10	880.55	874.17	5.02	4.94	72.76	-156.64	44.22	119.40	109.42	9.99	11.954		
1,000.00	990.42	977.16	967.66	5.41	5.32	74.27	-176.78	57.84	129.90	119.16	10.74	12.095		
1,100.00	1,087.73	1,073.37	1,059.90	5.83	5.73	74.54	-199.43	73.14	142.62	131.08	11.54	12.364		
1,200.00	1,185.05	1,168.96	1,150.59	6.27	6.18	73.86	-224.46	90.06	157.51	145.15	12.36	12.740		
1,300.00	1,282.36	1,266.36	1,242.18	6.72	6.67	72.67	-251.93	108.62	174.12	160.90	13.23	13.164		
1,400.00	1,379.67	1,364.89	1,334.76	7.18	7.19	71.63	-279.85	127.49	190.92	176.80	14.12	13.517		
1,500.00	1,476.99	1,463.41	1,427.34	7.65	7.73	70.76	-307.76	146.36	207.77	192.72	15.04	13.811		
1,600.00	1,574.30	1,561.94	1,519.93	8.13	8.28	70.02	-335.68	165.23	224.65	208.67	15.98	14.058		
1,700.00	1,671.61	1,660.46	1,612.51	8.62	8.84	69.38	-363.60	184.11	241.57	224.64	16.93	14.267		
1,800.00	1,768.93	1,758.99	1,705.09	9.11	9.41	68.83	-391.52	202.98	258.52	240.62	17.90	14.444		
1,900.00	1,866.24	1,857.52	1,797.68	9.60	9.99	68.34	-419.44	221.85	275.48	256.61	18.87	14.596		
2,000.00	1,963.56	1,956.04	1,890.26	10.10	10.57	67.92	-447.36	240.72	292.46	272.60	19.86	14.727		
2,100.00	2,060.87	2,054.57	1,982.85	10.61	11.16	67.53	-475.28	259.59	309.46	288.60	20.85	14.840		
2,200.00	2,158.18	2,153.09	2,075.43	11.11	11.75	67.19	-503.19	278.46	326.46	304.61	21.85	14.939		
2,300.00	2,255.50	2,251.62	2,168.01	11.62	12.35	66.88	-531.11	297.33	343.48	320.62	22.86	15.026		
2,400.00	2,352.81	2,350.14	2,260.60	12.13	12.95	66.61	-559.03	316.20	360.50	336.63	23.87	15.103		
2,500.00	2,450.13	2,448.67	2,353.18	12.65	13.55	66.35	-586.95	335.07	377.54	352.65	24.89	15.170		
2,600.00	2,547.44	2,547.19	2,445.76	13.16	14.16	66.12	-614.87	353.94	394.58	368.67	25.91	15.231		
2,700.00	2,644.75	2,645.72	2,538.35	13.68	14.77	65.91	-642.79	372.81	411.62	384.69	26.93	15.285		
2,800.00	2,742.07	2,744.24	2,630.93	14.20	15.37	65.71	-670.71	391.68	428.67	400.72	27.96	15.333		
2,900.00	2,839.38	2,842.77	2,723.51	14.71	15.99	65.53	-698.62	410.55	445.73	416.74	28.99	15.376		
3,000.00	2,936.70	2,941.30	2,816.10	15.23	16.60	65.36	-726.54	429.42	462.79	432.77	30.02	15.416		
3,100.00	3,034.01	3,039.82	2,908.68	15.76	17.21	65.21	-754.46	448.29	479.85	448.79	31.06	15.451		
3,200.00	3,131.32	3,138.35	3,001.27	16.28	17.83	65.06	-782.38	467.16	496.92	464.82	32.09	15.484		
3,300.00	3,228.64	3,236.87	3,093.85	16.80	18.45	64.93	-810.30	486.03	513.98	480.85	33.13	15.513		
3,400.00	3,325.95	3,335.40	3,186.43	17.32	19.06	64.80	-838.22	504.90	531.06	496.88	34.17	15.540		
3,500.00	3,423.26	3,433.92	3,279.02	17.85	19.68	64.68	-866.14	523.77	548.13	512.92	35.21	15.565		
3,600.00	3,520.58	3,532.45	3,371.60	18.37	20.30	64.57	-894.05	542.64	565.21	528.95	36.26	15.588		
3,700.00	3,617.89	3,630.97	3,464.18	18.90	20.92	64.47	-921.97	561.51	582.28	544.98	37.30	15.609		
3,800.00	3,715.21	3,729.50	3,556.77	19.43	21.54	64.37	-949.89	580.38	599.36	561.01	38.35	15.629		
3,900.00	3,812.52	3,828.03	3,649.35	19.95	22.16	64.27	-977.81	599.25	616.44	577.05	39.40	15.647		
4,000.00	3,909.83	3,926.55	3,741.94	20.48	22.79	64.19	-1,005.73	618.12	633.53	593.08	40.45	15.663		
4,100.00	4,007.15	4,025.08	3,834.52	21.01	23.41	64.10	-1,033.65	636.99	650.61	609.12	41.50	15.679		
4,200.00	4,104.46	4,123.60	3,927.10	21.53	24.03	64.02	-1,061.57	655.86	667.70	625.15	42.55	15.693		
4,300.00	4,201.78	4,222.13	4,019.69	22.06	24.66	63.95	-1,089.48	674.73	684.78	641.19	43.60	15.707		
4,400.00	4,299.09	4,320.65	4,112.27	22.59	25.28	63.88	-1,117.40	693.60	701.87	657.22	44.65	15.719		
4,500.00	4,396.40	4,419.18	4,204.85	23.12	25.90	63.81	-1,145.32	712.47	718.96	673.26	45.70	15.731		
4,600.00	4,493.72	4,517.70	4,297.44	23.65	26.53	63.74	-1,173.24	731.34	736.05	689.29	46.76	15.742		
4,700.00	4,591.03	4,616.23	4,390.02	24.18	27.15	63.68	-1,201.16	750.22	753.14	705.33	47.81	15.753		
4,800.00	4,688.34	4,714.76	4,482.61	24.71	27.78	63.62	-1,229.08	769.09	770.23	721.37	48.87	15.762		
4,900.00	4,785.66	4,813.28	4,575.19	25.24	28.40	63.56	-1,256.99	787.96	787.32	737.40	49.92	15.772		
5,000.00	4,882.97	4,911.81	4,667.77	25.77	29.03	63.51	-1,284.91	806.83	804.42	753.44	50.98	15.780		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,010.33	4,760.36	26.30	29.66	63.46	-1,312.83	825.70	821.51	769.48	52.03	15.788		
5,200.00	5,077.60	5,108.86	4,852.94	26.83	30.28	63.41	-1,340.75	844.57	838.60	785.51	53.09	15.796		
5,300.00	5,174.91	5,207.38	4,945.52	27.36	30.91	63.36	-1,368.67	863.44	855.70	801.55	54.15	15.803		
5,400.00	5,272.23	5,305.91	5,038.11	27.89	31.54	63.31	-1,396.59	882.31	872.79	817.59	55.20	15.810		
5,500.00	5,369.54	5,404.43	5,130.69	28.42	32.16	63.27	-1,424.51	901.18	889.89	833.63	56.26	15.817		
5,600.00	5,466.86	5,502.96	5,223.27	28.95	32.79	63.22	-1,452.42	920.05	906.99	849.67	57.32	15.823		
5,700.00	5,564.17	5,601.48	5,315.86	29.48	33.42	63.18	-1,480.34	938.92	924.08	865.70	58.38	15.829		
5,800.00	5,661.48	5,700.01	5,408.44	30.01	34.04	63.14	-1,508.26	957.79	941.18	881.74	59.44	15.835		
5,900.00	5,758.80	5,801.46	5,501.03	30.54	34.69	63.10	-1,536.18	976.66	958.28	897.76	60.51	15.836		
6,000.00	5,856.11	5,902.94	5,593.61	31.07	35.34	63.07	-1,564.10	995.53	975.38	913.79	61.59	15.836		
6,100.00	5,953.43	5,995.59	5,686.19	31.61	35.93	63.03	-1,592.02	1,014.40	992.47	929.86	62.62	15.850		
6,200.00	6,050.74	6,105.89	5,778.78	32.14	36.63	63.00	-1,619.94	1,033.27	1,009.57	945.83	63.74	15.838		
6,300.00	6,148.05	6,192.64	5,871.36	32.67	37.18	62.96	-1,647.85	1,052.14	1,026.67	961.93	64.74	15.859		
6,400.00	6,245.37	6,308.84	5,963.94	33.20	37.93	62.93	-1,675.77	1,071.01	1,043.77	977.87	65.90	15.839		
6,500.00	6,342.68	6,389.69	6,056.53	33.73	38.44	62.90	-1,703.69	1,089.88	1,060.87	994.01	66.86	15.867		
6,520.81	6,362.93	6,410.19	6,075.79	33.85	38.57	62.89	-1,709.50	1,093.81	1,064.43	997.35	67.08	15.868		
6,550.00	6,391.46	6,438.94	6,102.81	34.00	38.76	56.98	-1,717.65	1,099.31	1,069.41	1,002.03	67.38	15.871		
6,600.00	6,440.79	6,488.00	6,148.91	34.23	39.07	38.58	-1,731.55	1,108.71	1,077.86	1,010.02	67.85	15.887		
6,650.00	6,490.44	6,536.57	6,194.55	34.43	39.38	3.72	-1,745.31	1,118.01	1,086.22	1,017.97	68.25	15.916		
6,700.00	6,540.10	6,584.35	6,239.45	34.60	39.68	-32.29	-1,758.85	1,127.16	1,094.53	1,025.93	68.60	15.956		
6,750.00	6,589.46	6,631.05	6,283.34	34.76	39.98	-52.18	-1,772.09	1,136.11	1,102.84	1,033.94	68.90	16.006		
6,800.00	6,638.22	6,676.38	6,325.93	34.92	40.27	-62.41	-1,784.93	1,144.79	1,111.28	1,042.11	69.17	16.065		
6,850.00	6,686.09	6,720.06	6,366.97	35.07	40.55	-68.38	-1,797.31	1,153.16	1,119.97	1,050.55	69.42	16.133		
6,900.00	6,732.75	6,761.81	6,406.21	35.24	40.82	-72.28	-1,809.14	1,161.15	1,129.05	1,059.41	69.64	16.212		
6,950.00	6,777.94	6,801.39	6,443.40	35.42	41.07	-75.03	-1,820.35	1,168.73	1,138.69	1,068.85	69.84	16.304		
7,000.00	6,821.36	6,838.55	6,478.32	35.61	41.31	-77.05	-1,830.88	1,175.85	1,149.05	1,079.02	70.03	16.409		
7,050.00	6,862.75	6,873.56	6,511.22	35.83	41.53	-78.57	-1,840.80	1,182.55	1,160.29	1,090.09	70.20	16.528		
7,100.00	6,901.85	6,913.25	6,548.75	36.06	41.77	-79.90	-1,852.14	1,188.70	1,172.43	1,101.98	70.46	16.641		
7,150.00	6,938.43	6,955.23	6,588.76	36.32	42.00	-81.03	-1,864.24	1,192.55	1,185.40	1,114.64	70.76	16.751		
7,200.00	6,972.26	7,000.13	6,631.70	36.61	42.23	-82.03	-1,877.26	1,193.60	1,199.14	1,128.01	71.13	16.859		
7,250.00	7,003.13	7,048.81	6,678.21	36.93	42.44	-82.96	-1,891.40	1,191.17	1,213.57	1,142.02	71.55	16.962		
7,300.00	7,030.85	7,102.49	6,729.11	37.29	42.63	-83.89	-1,906.91	1,184.19	1,228.57	1,156.56	72.02	17.059		
7,350.00	7,055.25	7,162.92	6,785.48	37.68	42.81	-84.89	-1,924.15	1,171.00	1,244.01	1,171.49	72.53	17.153		
7,400.00	7,076.17	7,232.62	6,848.66	38.12	42.99	-86.05	-1,943.53	1,148.94	1,259.68	1,186.61	73.06	17.241		
7,450.00	7,093.50	7,315.29	6,920.02	38.60	43.17	-87.43	-1,965.52	1,113.61	1,275.26	1,201.64	73.62	17.322		
7,500.00	7,107.11	7,500.00	6,979.42	39.11	43.56	-88.33	-1,983.92	1,073.81	1,290.30	1,215.74	74.55	17.307		
7,550.00	7,116.94	7,542.54	7,087.11	39.66	43.68	-91.06	-2,017.58	970.54	1,304.09	1,229.05	75.04	17.379		
7,600.00	7,122.91	7,701.26	7,170.07	40.24	44.18	-93.03	-2,044.01	838.33	1,315.54	1,238.99	76.55	17.186		
7,650.18	7,125.00	7,893.96	7,224.98	40.85	45.13	-94.37	-2,062.41	655.31	1,323.29	1,243.67	79.62	16.621		
7,700.00	7,125.12	8,013.35	7,232.23	41.48	45.96	-94.65	-2,065.73	536.32	1,326.62	1,244.35	82.27	16.125		
7,800.00	7,125.36	8,113.19	7,233.03	42.88	46.84	-94.65	-2,066.92	436.49	1,332.15	1,247.13	85.02	15.669		
7,900.00	7,125.60	8,213.04	7,233.84	44.42	47.89	-94.66	-2,068.11	336.65	1,337.68	1,249.63	88.05	15.192		
8,000.00	7,125.84	8,312.89	7,234.65	46.10	49.12	-94.66	-2,069.30	236.81	1,343.21	1,251.87	91.34	14.706		
8,100.00	7,126.08	8,412.74	7,235.45	47.89	50.52	-94.67	-2,070.49	136.98	1,348.74	1,253.88	94.85	14.219		
8,200.00	7,126.32	8,512.58	7,236.26	49.79	52.07	-94.67	-2,071.68	37.14	1,354.27	1,255.69	98.57	13.739		
8,300.00	7,126.56	8,612.43	7,237.07	51.79	53.76	-94.68	-2,072.87	-62.70	1,359.80	1,257.32	102.48	13.270		
8,400.00	7,126.80	8,712.28	7,237.87	53.86	55.57	-94.68	-2,074.06	-162.53	1,365.33	1,258.79	106.54	12.815		
8,500.00	7,127.04	8,812.12	7,238.68	56.00	57.48	-94.69	-2,075.25	-262.37	1,370.85	1,260.11	110.75	12.378		
8,600.00	7,127.28	8,911.97	7,239.49	58.21	59.48	-94.69	-2,076.44	-362.21	1,376.38	1,261.30	115.09	11.960		
8,689.38	7,127.49	9,001.22	7,240.21	60.24	61.34	-94.70	-2,077.50	-451.45	1,381.33	1,262.27	119.06	11.602		
8,700.00	7,127.52	9,011.82	7,240.29	60.48	61.57	-94.69	-2,077.63	-462.05	1,381.89	1,262.36	119.54	11.560		
8,800.00	7,127.76	9,111.75	7,241.10	62.79	63.72	-94.70	-2,078.82	-561.97	1,385.32	1,261.23	124.09	11.164		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,841.07	7,127.85	9,152.82	7,241.43	63.74	64.63	-94.70	-2,079.31	-603.03	1,385.72	1,259.74	125.98	11.000		
8,900.00	7,128.00	9,211.75	7,241.91	65.12	65.94	-94.72	-2,080.01	-661.96	1,385.87	1,257.15	128.71	10.767		
9,000.00	7,128.23	9,311.75	7,242.72	67.50	68.20	-94.74	-2,081.20	-761.94	1,386.12	1,252.70	133.42	10.389		
9,100.00	7,128.47	9,411.75	7,243.52	69.91	70.52	-94.76	-2,082.39	-861.93	1,386.38	1,248.17	138.21	10.031		
9,200.00	7,128.71	9,511.74	7,244.33	72.35	72.88	-94.78	-2,083.58	-961.92	1,386.63	1,243.58	143.06	9.693		
9,300.00	7,128.95	9,611.74	7,245.14	74.83	75.28	-94.81	-2,084.78	-1,061.91	1,386.89	1,238.93	147.96	9.373		
9,400.00	7,129.19	9,711.74	7,245.95	77.33	77.71	-94.83	-2,085.97	-1,161.90	1,387.15	1,234.22	152.93	9.071		
9,500.00	7,129.43	9,811.74	7,246.76	79.86	80.17	-94.85	-2,087.16	-1,261.88	1,387.40	1,229.46	157.94	8.784		
9,600.00	7,129.67	9,911.74	7,247.56	82.41	82.65	-94.87	-2,088.35	-1,361.87	1,387.66	1,224.67	163.00	8.514		
9,700.00	7,129.91	10,011.74	7,248.37	84.97	85.16	-94.90	-2,089.54	-1,461.86	1,387.92	1,219.83	168.09	8.257		
9,800.00	7,130.15	10,111.73	7,249.18	87.56	87.70	-94.92	-2,090.73	-1,561.85	1,388.18	1,214.95	173.22	8.014		
9,900.00	7,130.39	10,211.73	7,249.99	90.16	90.25	-94.94	-2,091.92	-1,661.83	1,388.43	1,210.04	178.39	7.783		
10,000.00	7,130.63	10,311.73	7,250.79	92.78	92.83	-94.96	-2,093.12	-1,761.82	1,388.69	1,205.11	183.59	7.564		
10,100.00	7,130.87	10,411.73	7,251.60	95.41	95.42	-94.99	-2,094.31	-1,861.81	1,388.95	1,200.14	188.81	7.356		
10,200.00	7,131.11	10,511.73	7,252.41	98.06	98.02	-95.01	-2,095.50	-1,961.80	1,389.21	1,195.15	194.06	7.159		
10,300.00	7,131.35	10,611.72	7,253.22	100.71	100.64	-95.03	-2,096.69	-2,061.79	1,389.47	1,190.13	199.33	6.971		
10,400.00	7,131.59	10,711.72	7,254.03	103.38	103.27	-95.05	-2,097.88	-2,161.77	1,389.73	1,185.10	204.63	6.791		
10,500.00	7,131.83	10,811.72	7,254.83	106.06	105.92	-95.08	-2,099.07	-2,261.76	1,389.99	1,180.04	209.95	6.621		
10,600.00	7,132.07	10,911.72	7,255.64	108.74	108.57	-95.10	-2,100.27	-2,361.75	1,390.24	1,174.97	215.28	6.458		
10,700.00	7,132.31	11,011.72	7,256.45	111.44	111.24	-95.12	-2,101.46	-2,461.74	1,390.50	1,169.87	220.63	6.302		
10,800.00	7,132.55	11,111.72	7,257.26	114.14	113.91	-95.14	-2,102.65	-2,561.72	1,390.76	1,164.77	226.00	6.154		
10,900.00	7,132.79	11,211.71	7,258.06	116.85	116.60	-95.17	-2,103.84	-2,661.71	1,391.02	1,159.64	231.38	6.012		
11,000.00	7,133.03	11,311.71	7,258.87	119.57	119.29	-95.19	-2,105.03	-2,761.70	1,391.28	1,154.51	236.78	5.876		
11,100.00	7,133.27	11,411.71	7,259.68	122.29	121.99	-95.21	-2,106.22	-2,861.69	1,391.54	1,149.36	242.18	5.746		
11,200.00	7,133.51	11,511.71	7,260.49	125.02	124.69	-95.24	-2,107.41	-2,961.68	1,391.80	1,144.20	247.60	5.621		
11,300.00	7,133.74	11,611.71	7,261.30	127.76	127.41	-95.26	-2,108.61	-3,061.66	1,392.07	1,139.03	253.04	5.501		
11,400.00	7,133.98	11,711.70	7,262.10	130.50	130.13	-95.28	-2,109.80	-3,161.65	1,392.33	1,133.85	258.48	5.387		
11,500.00	7,134.22	11,811.70	7,262.91	133.24	132.85	-95.30	-2,110.99	-3,261.64	1,392.59	1,128.66	263.93	5.276		
11,600.00	7,134.46	11,911.70	7,263.72	135.99	135.58	-95.33	-2,112.18	-3,361.63	1,392.85	1,123.46	269.39	5.170		
11,700.00	7,134.70	12,011.70	7,264.53	138.75	138.32	-95.35	-2,113.37	-3,461.62	1,393.11	1,118.25	274.86	5.068		
11,800.00	7,134.94	12,111.70	7,265.33	141.51	141.06	-95.37	-2,114.56	-3,561.60	1,393.37	1,113.03	280.34	4.970		
11,900.00	7,135.18	12,211.70	7,266.14	144.27	143.81	-95.39	-2,115.75	-3,661.59	1,393.63	1,107.81	285.82	4.876		
12,000.00	7,135.42	12,311.69	7,266.95	147.03	146.56	-95.41	-2,116.95	-3,761.58	1,393.90	1,102.58	291.32	4.785		
12,100.00	7,135.66	12,411.69	7,267.76	149.80	149.31	-95.44	-2,118.14	-3,861.57	1,394.16	1,097.35	296.81	4.697		
12,200.00	7,135.90	12,511.69	7,268.57	152.58	152.07	-95.46	-2,119.33	-3,961.55	1,394.42	1,092.10	302.32	4.612		
12,300.00	7,136.14	12,611.69	7,269.37	155.35	154.83	-95.48	-2,120.52	-4,061.54	1,394.68	1,086.85	307.83	4.531		
12,400.00	7,136.38	12,711.69	7,270.18	158.13	157.60	-95.50	-2,121.71	-4,161.53	1,394.95	1,081.60	313.35	4.452		
12,500.00	7,136.62	12,811.68	7,270.99	160.91	160.36	-95.53	-2,122.90	-4,261.52	1,395.21	1,076.34	318.87	4.376		
12,600.00	7,136.86	12,911.68	7,271.80	163.70	163.14	-95.55	-2,124.09	-4,361.51	1,395.47	1,071.08	324.40	4.302		
12,700.00	7,137.10	13,011.68	7,272.60	166.48	165.91	-95.57	-2,125.29	-4,461.49	1,395.74	1,065.81	329.93	4.230		
12,800.00	7,137.34	13,111.68	7,273.41	169.27	168.69	-95.59	-2,126.48	-4,561.48	1,396.00	1,060.54	335.46	4.161		
12,900.00	7,137.58	13,211.68	7,274.22	172.06	171.47	-95.62	-2,127.67	-4,661.47	1,396.27	1,055.26	341.00	4.095		
13,000.00	7,137.82	13,311.68	7,275.03	174.86	174.25	-95.64	-2,128.86	-4,761.46	1,396.53	1,049.98	346.55	4.030		
13,100.00	7,138.06	13,411.67	7,275.84	177.65	177.03	-95.66	-2,130.05	-4,861.44	1,396.80	1,044.70	352.10	3.967		
13,200.00	7,138.30	13,511.67	7,276.64	180.45	179.82	-95.68	-2,131.24	-4,961.43	1,397.06	1,039.41	357.65	3.906		
13,300.00	7,138.54	13,555.88	7,277.00	183.25	181.05	-95.69	-2,131.77	-5,005.64	1,398.44	1,037.46	360.98	3.874 SF		
13,400.00	7,138.78	13,555.88	7,277.00	186.05	181.05	-95.69	-2,131.77	-5,005.64	1,406.25	1,045.07	361.18	3.893		
13,500.00	7,139.02	13,555.88	7,277.00	188.85	181.05	-95.69	-2,131.77	-5,005.64	1,421.07	1,061.39	359.68	3.951		
13,600.00	7,139.25	13,555.88	7,277.00	191.65	181.05	-95.69	-2,131.77	-5,005.64	1,442.68	1,086.07	356.61	4.046		
13,700.00	7,139.49	13,555.88	7,277.00	194.46	181.05	-95.69	-2,131.77	-5,005.64	1,470.79	1,118.65	352.14	4.177		
13,800.00	7,139.73	13,555.88	7,277.00	197.27	181.05	-95.69	-2,131.77	-5,005.64	1,505.03	1,158.53	346.51	4.343		
13,900.00	7,139.97	13,555.88	7,277.00	200.08	181.05	-95.69	-2,131.77	-5,005.64	1,545.00	1,205.07	339.93	4.545		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,140.21	13,555.88	7,277.00	202.89	181.05	-95.69	-2,131.77	-5,005.64	1,590.26	1,257.61	332.65	4.781		
14,100.00	7,140.45	13,555.88	7,277.00	205.70	181.05	-95.69	-2,131.77	-5,005.64	1,640.37	1,315.50	324.87	5.049		
14,200.00	7,140.69	13,555.88	7,277.00	208.51	181.05	-95.69	-2,131.77	-5,005.64	1,694.91	1,378.11	316.80	5.350		
14,300.00	7,140.93	13,555.88	7,277.00	211.32	181.05	-95.69	-2,131.77	-5,005.64	1,753.46	1,444.88	308.58	5.682		
14,400.00	7,141.17	13,555.88	7,277.00	214.14	181.05	-95.69	-2,131.77	-5,005.64	1,815.63	1,515.28	300.35	6.045		
14,500.00	7,141.41	13,555.88	7,277.00	216.95	181.05	-95.69	-2,131.77	-5,005.64	1,881.06	1,588.84	292.22	6.437		
14,600.00	7,141.65	13,555.88	7,277.00	219.77	181.05	-95.69	-2,131.77	-5,005.64	1,949.44	1,665.17	284.26	6.858		
14,700.00	7,141.89	13,555.88	7,277.00	222.59	181.05	-95.69	-2,131.77	-5,005.64	2,020.45	1,743.91	276.53	7.306		
14,800.00	7,142.13	13,555.88	7,277.00	225.41	181.05	-95.69	-2,131.77	-5,005.64	2,093.82	1,824.75	269.07	7.782		
14,900.00	7,142.37	13,555.88	7,277.00	228.23	181.05	-95.69	-2,131.77	-5,005.64	2,169.33	1,907.42	261.91	8.283		
15,000.00	7,142.61	13,555.88	7,277.00	231.05	181.05	-95.69	-2,131.77	-5,005.64	2,246.75	1,991.70	255.06	8.809		
15,100.00	7,142.85	13,555.88	7,277.00	233.87	181.05	-95.69	-2,131.77	-5,005.64	2,325.90	2,077.38	248.52	9.359		
15,200.00	7,143.09	13,555.88	7,277.00	236.69	181.05	-95.69	-2,131.77	-5,005.64	2,406.59	2,164.30	242.29	9.933		
15,300.00	7,143.33	13,555.88	7,277.00	239.52	181.05	-95.69	-2,131.77	-5,005.64	2,488.69	2,252.31	236.38	10.528		
15,400.00	7,143.57	13,555.88	7,277.00	242.34	181.05	-95.69	-2,131.77	-5,005.64	2,572.06	2,341.29	230.77	11.146		
15,500.00	7,143.81	13,555.88	7,277.00	245.17	181.05	-95.69	-2,131.77	-5,005.64	2,656.57	2,431.12	225.45	11.783		
15,600.00	7,144.05	13,555.88	7,277.00	247.99	181.05	-95.69	-2,131.77	-5,005.64	2,742.13	2,521.72	220.41	12.441		
15,700.00	7,144.29	13,555.88	7,277.00	250.82	181.05	-95.69	-2,131.77	-5,005.64	2,828.64	2,613.00	215.63	13.118		
15,800.00	7,144.53	13,555.88	7,277.00	253.64	181.05	-95.69	-2,131.77	-5,005.64	2,916.00	2,704.90	211.11	13.813		
15,900.00	7,144.76	13,555.88	7,277.00	256.47	181.05	-95.69	-2,131.77	-5,005.64	3,004.16	2,797.34	206.82	14.525		
16,000.00	7,145.00	13,555.88	7,277.00	259.30	181.05	-95.69	-2,131.77	-5,005.64	3,093.04	2,890.27	202.76	15.255		
16,100.00	7,145.24	13,555.88	7,277.00	262.13	181.05	-95.69	-2,131.77	-5,005.64	3,182.57	2,983.66	198.92	16.000		
16,200.00	7,145.48	13,555.88	7,277.00	264.96	181.05	-95.69	-2,131.77	-5,005.64	3,272.72	3,077.45	195.27	16.760		
16,300.00	7,145.72	13,555.88	7,277.00	267.79	181.05	-95.69	-2,131.77	-5,005.64	3,363.42	3,171.60	191.81	17.535		
16,400.00	7,145.96	13,555.88	7,277.00	270.62	181.05	-95.69	-2,131.77	-5,005.64	3,454.63	3,266.10	188.53	18.324		
16,500.00	7,146.20	13,555.88	7,277.00	273.45	181.05	-95.69	-2,131.77	-5,005.64	3,546.32	3,360.89	185.42	19.126		
16,600.00	7,146.44	13,555.88	7,277.00	276.28	181.05	-95.69	-2,131.77	-5,005.64	3,638.44	3,455.97	182.47	19.940		
16,700.00	7,146.68	13,555.88	7,277.00	279.12	181.05	-95.69	-2,131.77	-5,005.64	3,730.97	3,551.31	179.66	20.767		
16,800.00	7,146.92	13,555.88	7,277.00	281.95	181.05	-95.69	-2,131.77	-5,005.64	3,823.88	3,646.89	176.99	21.605		
16,900.00	7,147.16	13,555.88	7,277.00	284.78	181.05	-95.69	-2,131.77	-5,005.64	3,917.14	3,742.68	174.46	22.453		
17,000.00	7,147.40	13,555.88	7,277.00	287.62	181.05	-95.69	-2,131.77	-5,005.64	4,010.72	3,838.68	172.04	23.313		
17,100.00	7,147.64	13,555.88	7,277.00	290.45	181.05	-95.69	-2,131.77	-5,005.64	4,104.60	3,934.86	169.74	24.181		
17,200.00	7,147.88	13,555.88	7,277.00	293.28	181.05	-95.69	-2,131.77	-5,005.64	4,198.77	4,031.21	167.55	25.059		
17,300.00	7,148.12	13,555.88	7,277.00	296.12	181.05	-95.69	-2,131.77	-5,005.64	4,293.20	4,127.73	165.47	25.946		
17,400.00	7,148.36	13,555.88	7,277.00	298.95	181.05	-95.69	-2,131.77	-5,005.64	4,387.87	4,224.40	163.48	26.841		
17,500.00	7,148.60	13,555.88	7,277.00	301.79	181.05	-95.69	-2,131.77	-5,005.64	4,482.78	4,321.20	161.58	27.744		
17,600.00	7,148.84	13,555.88	7,277.00	304.63	181.05	-95.69	-2,131.77	-5,005.64	4,577.91	4,418.14	159.77	28.654		
17,700.00	7,149.08	13,555.88	7,277.00	307.46	181.05	-95.69	-2,131.77	-5,005.64	4,673.24	4,515.20	158.04	29.571		
17,800.00	7,149.32	13,555.88	7,277.00	310.30	181.05	-95.69	-2,131.77	-5,005.64	4,768.76	4,612.37	156.38	30.494		
17,900.00	7,149.56	13,555.88	7,277.00	313.14	181.05	-95.69	-2,131.77	-5,005.64	4,864.46	4,709.66	154.80	31.424		
18,000.00	7,149.80	13,555.88	7,277.00	315.98	181.05	-95.69	-2,131.77	-5,005.64	4,960.33	4,807.04	153.29	32.360		
18,100.00	7,150.04	13,555.88	7,277.00	318.81	181.05	-95.69	-2,131.77	-5,005.64	5,056.36	4,904.52	151.84	33.300		
18,200.00	7,150.27	13,555.88	7,277.00	321.65	181.05	-95.69	-2,131.77	-5,005.64	5,152.54	5,002.08	150.45	34.246		
18,300.00	7,150.51	13,555.88	7,277.00	324.49	181.05	-95.69	-2,131.77	-5,005.64	5,248.86	5,099.73	149.13	35.197		
18,400.00	7,150.75	13,555.88	7,277.00	327.33	181.05	-95.69	-2,131.77	-5,005.64	5,345.32	5,197.46	147.86	36.152		
18,500.00	7,150.99	13,555.88	7,277.00	330.17	181.05	-95.69	-2,131.77	-5,005.64	5,441.90	5,295.27	146.64	37.111		
18,600.00	7,151.23	13,555.88	7,277.00	333.01	181.05	-95.69	-2,131.77	-5,005.64	5,538.61	5,393.14	145.47	38.074		
18,700.00	7,151.47	13,555.88	7,277.00	335.85	181.05	-95.69	-2,131.77	-5,005.64	5,635.43	5,491.09	144.35	39.041		
18,800.00	7,151.71	13,555.88	7,277.00	338.69	181.05	-95.69	-2,131.77	-5,005.64	5,732.37	5,589.10	143.27	40.011		
18,900.00	7,151.95	13,555.88	7,277.00	341.53	181.05	-95.69	-2,131.77	-5,005.64	5,829.40	5,687.16	142.24	40.984		
18,920.23	7,152.00	13,555.88	7,277.00	342.10	181.05	-95.69	-2,131.77	-5,005.64	5,849.05	5,707.01	142.03	41.181		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-179.36	-75.05	-0.83	75.06					
100.00	100.00	100.00	100.00	3.28	3.28	-179.36	-75.05	-0.83	75.06	68.49	6.57	11.425		
200.00	200.00	200.00	200.00	3.34	3.34	-179.36	-75.05	-0.83	75.06	68.38	6.67	11.246 CC, ES		
300.00	299.98	297.93	297.91	3.44	3.44	61.01	-76.41	0.14	75.58	68.69	6.89	10.977		
400.00	399.84	395.83	395.67	3.60	3.59	62.08	-80.49	3.07	77.17	69.97	7.20	10.719		
500.00	499.45	493.67	493.15	3.80	3.78	63.77	-87.27	7.93	79.87	72.26	7.61	10.496		
600.00	598.70	591.42	590.20	4.04	4.02	65.95	-96.75	14.73	83.77	75.67	8.10	10.338		
700.00	697.47	689.06	686.69	4.33	4.29	68.45	-108.89	23.44	88.94	80.27	8.67	10.259		
800.00	795.62	786.57	782.48	4.65	4.60	71.11	-123.68	34.04	95.46	86.16	9.30	10.262		
865.50	859.53	850.34	844.77	4.89	4.83	72.88	-134.78	42.00	100.49	90.74	9.75	10.306		
900.00	893.10	883.91	877.43	5.02	4.95	73.74	-141.07	46.52	103.45	93.45	10.00	10.348		
1,000.00	990.42	981.05	971.41	5.41	5.33	75.11	-161.03	60.84	113.54	102.78	10.75	10.558		
1,100.00	1,087.73	1,077.79	1,064.12	5.83	5.75	75.06	-183.48	76.93	125.75	114.19	11.56	10.882		
1,200.00	1,185.05	1,173.92	1,155.27	6.27	6.21	73.97	-208.28	94.73	140.06	127.67	12.39	11.305		
1,300.00	1,282.36	1,272.03	1,247.58	6.72	6.70	72.44	-235.29	114.09	155.86	142.60	13.26	11.754		
1,400.00	1,379.67	1,370.69	1,340.39	7.18	7.22	71.17	-262.48	133.60	171.79	157.63	14.16	12.132		
1,500.00	1,476.99	1,469.35	1,433.19	7.65	7.76	70.12	-289.68	153.11	187.79	172.71	15.08	12.452		
1,600.00	1,574.30	1,568.00	1,526.00	8.13	8.31	69.23	-316.87	172.61	203.83	187.82	16.02	12.725		
1,700.00	1,671.61	1,666.66	1,618.81	8.62	8.87	68.47	-344.07	192.12	219.92	202.95	16.97	12.959		
1,800.00	1,768.93	1,765.32	1,711.62	9.11	9.44	67.82	-371.27	211.63	236.04	218.11	17.94	13.161		
1,900.00	1,866.24	1,863.98	1,804.43	9.60	10.02	67.25	-398.46	231.13	252.19	233.28	18.91	13.336		
2,000.00	1,963.56	1,962.64	1,897.24	10.10	10.60	66.75	-425.66	250.64	268.36	248.47	19.89	13.489		
2,100.00	2,060.87	2,061.30	1,990.04	10.61	11.19	66.30	-452.85	270.14	284.55	263.66	20.89	13.624		
2,200.00	2,158.18	2,159.96	2,082.85	11.11	11.79	65.90	-480.05	289.65	300.75	278.86	21.88	13.742		
2,300.00	2,255.50	2,258.61	2,175.66	11.62	12.38	65.55	-507.24	309.16	316.96	294.07	22.89	13.848		
2,400.00	2,352.81	2,357.27	2,268.47	12.13	12.98	65.22	-534.44	328.66	333.19	309.29	23.90	13.941		
2,500.00	2,450.13	2,455.93	2,361.28	12.65	13.59	64.93	-561.64	348.17	349.42	324.51	24.91	14.026		
2,600.00	2,547.44	2,554.59	2,454.09	13.16	14.19	64.67	-588.83	367.68	365.66	339.73	25.93	14.101		
2,700.00	2,644.75	2,653.25	2,546.89	13.68	14.80	64.42	-616.03	387.18	381.91	354.96	26.95	14.170		
2,800.00	2,742.07	2,751.91	2,639.70	14.20	15.41	64.20	-643.22	406.69	398.17	370.19	27.98	14.232		
2,900.00	2,839.38	2,850.56	2,732.51	14.71	16.02	63.99	-670.42	426.19	414.43	385.42	29.01	14.288		
3,000.00	2,936.70	2,949.22	2,825.32	15.23	16.63	63.80	-697.62	445.70	430.70	400.66	30.04	14.339		
3,100.00	3,034.01	3,047.88	2,918.13	15.76	17.25	63.63	-724.81	465.21	446.97	415.90	31.07	14.386		
3,200.00	3,131.32	3,146.54	3,010.94	16.28	17.86	63.46	-752.01	484.71	463.24	431.14	32.10	14.430		
3,300.00	3,228.64	3,245.20	3,103.75	16.80	18.48	63.31	-779.20	504.22	479.52	446.38	33.14	14.470		
3,400.00	3,325.95	3,343.86	3,196.55	17.32	19.10	63.16	-806.40	523.73	495.80	461.62	34.18	14.506		
3,500.00	3,423.26	3,442.52	3,289.36	17.85	19.71	63.03	-833.59	543.23	512.08	476.86	35.22	14.540		
3,600.00	3,520.58	3,541.17	3,382.17	18.37	20.33	62.90	-860.79	562.74	528.37	492.11	36.26	14.572		
3,700.00	3,617.89	3,639.83	3,474.98	18.90	20.95	62.79	-887.99	582.24	544.65	507.35	37.30	14.601		
3,800.00	3,715.21	3,738.49	3,567.79	19.43	21.57	62.68	-915.18	601.75	560.95	522.60	38.35	14.629		
3,900.00	3,812.52	3,837.15	3,660.60	19.95	22.19	62.57	-942.38	621.26	577.24	537.85	39.39	14.654		
4,000.00	3,909.83	3,935.81	3,753.40	20.48	22.82	62.47	-969.57	640.76	593.53	553.10	40.44	14.678		
4,100.00	4,007.15	4,034.47	3,846.21	21.01	23.44	62.38	-996.77	660.27	609.83	568.34	41.48	14.701		
4,200.00	4,104.46	4,133.13	3,939.02	21.53	24.06	62.29	-1,023.97	679.77	626.12	583.59	42.53	14.722		
4,300.00	4,201.78	4,231.78	4,031.83	22.06	24.68	62.20	-1,051.16	699.28	642.42	598.84	43.58	14.741		
4,400.00	4,299.09	4,330.44	4,124.64	22.59	25.31	62.12	-1,078.36	718.79	658.72	614.09	44.63	14.760		
4,500.00	4,396.40	4,429.10	4,217.45	23.12	25.93	62.05	-1,105.55	738.29	675.02	629.35	45.68	14.777		
4,600.00	4,493.72	4,527.76	4,310.25	23.65	26.55	61.97	-1,132.75	757.80	691.33	644.60	46.73	14.794		
4,700.00	4,591.03	4,626.42	4,403.06	24.18	27.18	61.90	-1,159.94	777.31	707.63	659.85	47.78	14.810		
4,800.00	4,688.34	4,725.08	4,495.87	24.71	27.80	61.84	-1,187.14	796.81	723.93	675.10	48.83	14.824		
4,900.00	4,785.66	4,823.74	4,588.68	25.24	28.43	61.77	-1,214.34	816.32	740.24	690.35	49.89	14.839		
5,000.00	4,882.97	4,922.39	4,681.49	25.77	29.05	61.71	-1,241.53	835.82	756.55	705.61	50.94	14.852		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,021.05	4,774.30	26.30	29.68	61.65	-1,268.73	855.33	772.85	720.86	51.99	14.865		
5,200.00	5,077.60	5,119.71	4,867.10	26.83	30.31	61.60	-1,295.92	874.84	789.16	736.11	53.05	14.877		
5,300.00	5,174.91	5,218.37	4,959.91	27.36	30.93	61.55	-1,323.12	894.34	805.47	751.37	54.10	14.888		
5,400.00	5,272.23	5,317.03	5,052.72	27.89	31.56	61.49	-1,350.32	913.85	821.78	766.62	55.16	14.899		
5,500.00	5,369.54	5,415.69	5,145.53	28.42	32.19	61.44	-1,377.51	933.36	838.09	781.87	56.21	14.909		
5,600.00	5,466.86	5,514.34	5,238.34	28.95	32.81	61.40	-1,404.71	952.86	854.40	797.13	57.27	14.919		
5,700.00	5,564.17	5,613.00	5,331.15	29.48	33.44	61.35	-1,431.90	972.37	870.71	812.38	58.32	14.929		
5,800.00	5,661.48	5,711.66	5,423.95	30.01	34.07	61.31	-1,459.10	991.87	887.02	827.64	59.38	14.938		
5,900.00	5,758.80	5,810.32	5,516.76	30.54	34.69	61.26	-1,486.29	1,011.38	903.33	842.89	60.44	14.947		
6,000.00	5,856.11	5,908.98	5,609.57	31.07	35.32	61.22	-1,513.49	1,030.89	919.64	858.15	61.49	14.955		
6,100.00	5,953.43	6,007.64	5,702.38	31.61	35.95	61.18	-1,540.69	1,050.39	935.96	873.40	62.55	14.963		
6,200.00	6,050.74	6,106.30	5,795.19	32.14	36.58	61.15	-1,567.88	1,069.90	952.27	888.66	63.61	14.971		
6,300.00	6,148.05	6,204.95	5,888.00	32.67	37.20	61.11	-1,595.08	1,089.41	968.58	903.92	64.67	14.978		
6,400.00	6,245.37	6,303.61	5,980.80	33.20	37.83	61.07	-1,622.27	1,108.91	984.90	919.17	65.72	14.985		
6,500.00	6,342.68	6,402.27	6,073.61	33.73	38.46	61.04	-1,649.47	1,128.42	1,001.21	934.43	66.78	14.992		
6,520.81	6,362.93	6,422.80	6,092.93	33.85	38.59	61.03	-1,655.13	1,132.48	1,004.60	937.60	67.00	14.994		
6,550.00	6,391.46	6,451.58	6,120.00	34.00	38.77	55.09	-1,663.06	1,138.17	1,009.37	942.07	67.30	14.998		
6,600.00	6,440.79	6,500.69	6,166.19	34.23	39.09	36.66	-1,676.60	1,147.88	1,017.57	949.81	67.76	15.017		
6,650.00	6,490.44	6,549.28	6,211.90	34.43	39.39	1.76	-1,689.99	1,157.48	1,025.81	957.65	68.16	15.050		
6,700.00	6,540.10	6,602.94	6,256.85	34.60	39.74	-34.29	-1,703.16	1,166.93	1,034.13	965.60	68.53	15.089		
6,750.00	6,589.46	6,643.73	6,300.75	34.76	40.00	-54.21	-1,716.03	1,176.16	1,042.61	973.82	68.80	15.155		
6,800.00	6,638.22	6,689.02	6,343.37	34.92	40.28	-64.46	-1,728.52	1,185.01	1,051.37	982.30	69.06	15.224		
6,850.00	6,686.09	6,734.56	6,386.62	35.07	40.55	-70.37	-1,741.18	1,191.58	1,060.47	991.15	69.32	15.298		
6,900.00	6,732.75	6,781.51	6,431.55	35.24	40.80	-74.16	-1,754.32	1,194.97	1,069.91	1,000.31	69.60	15.372		
6,950.00	6,777.94	6,830.04	6,478.13	35.42	41.02	-76.81	-1,767.92	1,194.84	1,079.62	1,009.71	69.91	15.443		
7,000.00	6,821.36	6,880.37	6,526.27	35.61	41.22	-78.77	-1,781.97	1,190.80	1,089.54	1,019.30	70.25	15.510		
7,050.00	6,862.75	6,932.72	6,575.87	35.83	41.39	-80.29	-1,796.41	1,182.41	1,099.62	1,028.99	70.62	15.570		
7,100.00	6,901.85	6,987.33	6,626.73	36.06	41.55	-81.52	-1,811.21	1,169.16	1,109.75	1,038.71	71.04	15.620		
7,150.00	6,938.43	7,044.49	6,678.58	36.32	41.69	-82.55	-1,826.27	1,150.50	1,119.87	1,048.36	71.51	15.660		
7,200.00	6,972.26	7,104.45	6,731.04	36.61	41.82	-83.43	-1,841.48	1,125.79	1,129.86	1,057.83	72.03	15.686		
7,250.00	7,003.13	7,167.51	6,783.54	36.93	41.96	-84.21	-1,856.68	1,094.39	1,139.61	1,067.00	72.61	15.694		
7,300.00	7,030.85	7,233.93	6,835.33	37.29	42.11	-84.90	-1,871.63	1,055.65	1,148.99	1,075.73	73.27	15.682		
7,350.00	7,055.25	7,303.90	6,885.40	37.68	42.28	-85.50	-1,886.04	1,009.00	1,157.88	1,083.86	74.02	15.643		
7,400.00	7,076.17	7,377.55	6,932.47	38.12	42.50	-86.03	-1,899.54	954.04	1,166.11	1,091.19	74.91	15.566		
7,450.00	7,093.50	7,454.88	6,975.00	38.60	42.76	-86.48	-1,911.68	890.66	1,173.53	1,097.55	75.98	15.446		
7,500.00	7,107.11	7,535.68	7,011.22	39.11	43.11	-86.83	-1,921.94	819.22	1,179.99	1,102.73	77.27	15.272		
7,550.00	7,116.94	7,619.55	7,039.33	39.66	43.55	-87.06	-1,929.79	740.66	1,185.36	1,106.55	78.81	15.041		
7,600.00	7,122.91	7,705.83	7,057.65	40.24	44.09	-87.16	-1,934.77	656.57	1,189.49	1,108.89	80.60	14.758		
7,650.18	7,125.00	7,793.95	7,064.94	40.85	44.76	-87.12	-1,936.50	568.84	1,192.32	1,109.70	82.62	14.431		
7,700.00	7,125.12	7,846.08	7,065.39	41.48	45.22	-87.14	-1,936.40	516.71	1,194.35	1,110.36	83.99	14.221		
7,800.00	7,125.36	7,945.99	7,066.21	42.88	46.23	-87.17	-1,936.19	416.80	1,198.42	1,111.60	86.81	13.804		
7,900.00	7,125.60	8,045.90	7,067.04	44.42	47.41	-87.21	-1,935.98	316.89	1,202.48	1,112.56	89.92	13.373		
8,000.00	7,125.84	8,145.82	7,067.86	46.10	48.76	-87.25	-1,935.77	216.98	1,206.55	1,113.28	93.27	12.936		
8,100.00	7,126.08	8,245.73	7,068.69	47.89	50.27	-87.29	-1,935.56	117.07	1,210.62	1,113.78	96.85	12.501		
8,200.00	7,126.32	8,345.65	7,069.51	49.79	51.92	-87.32	-1,935.35	17.16	1,214.69	1,114.08	100.62	12.072		
8,300.00	7,126.56	8,445.56	7,070.34	51.79	53.70	-87.36	-1,935.14	-82.75	1,218.77	1,114.20	104.57	11.655		
8,400.00	7,126.80	8,545.47	7,071.16	53.86	55.58	-87.40	-1,934.93	-182.66	1,222.84	1,114.16	108.67	11.252		
8,500.00	7,127.04	8,645.39	7,071.99	56.00	57.56	-87.43	-1,934.73	-282.57	1,226.91	1,113.99	112.92	10.865		
8,600.00	7,127.28	8,745.30	7,072.81	58.21	59.63	-87.47	-1,934.52	-382.48	1,230.98	1,113.69	117.29	10.495		
8,689.38	7,127.49	8,834.61	7,073.55	60.24	61.53	-87.50	-1,934.33	-471.79	1,234.62	1,113.33	121.30	10.179		
8,700.00	7,127.52	8,845.22	7,073.64	60.48	61.77	-87.50	-1,934.31	-482.39	1,235.03	1,113.26	121.78	10.142		
8,800.00	7,127.76	8,945.19	7,074.47	62.79	63.97	-87.53	-1,934.10	-582.36	1,237.00	1,110.64	126.36	9.790		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,841.07	7,127.85	8,986.26	7,074.80	63.74	64.89	-87.54	-1,934.01	-623.43	1,236.79	1,108.53	128.26	9.643		
8,900.00	7,128.00	9,045.18	7,075.29	65.12	66.23	-87.55	-1,933.89	-682.35	1,236.07	1,105.06	131.02	9.434		
9,000.00	7,128.23	9,145.18	7,076.12	67.50	68.54	-87.58	-1,933.68	-782.34	1,234.86	1,099.10	135.76	9.096		
9,100.00	7,128.47	9,245.17	7,076.94	69.91	70.89	-87.60	-1,933.47	-882.33	1,233.64	1,093.07	140.57	8.776		
9,200.00	7,128.71	9,345.16	7,077.77	72.35	73.28	-87.63	-1,933.26	-982.32	1,232.43	1,086.98	145.45	8.473		
9,300.00	7,128.95	9,445.15	7,078.59	74.83	75.71	-87.65	-1,933.05	-1,082.30	1,231.22	1,080.83	150.39	8.187		
9,400.00	7,129.19	9,545.14	7,079.42	77.33	78.17	-87.68	-1,932.84	-1,182.29	1,230.00	1,074.62	155.38	7.916		
9,500.00	7,129.43	9,645.13	7,080.25	79.86	80.65	-87.70	-1,932.63	-1,282.28	1,228.79	1,068.37	160.42	7.660		
9,600.00	7,129.67	9,745.12	7,081.07	82.41	83.17	-87.73	-1,932.42	-1,382.27	1,227.58	1,062.08	165.50	7.417		
9,700.00	7,129.91	9,845.11	7,081.90	84.97	85.70	-87.75	-1,932.22	-1,482.25	1,226.36	1,055.74	170.62	7.188		
9,800.00	7,130.15	9,945.11	7,082.72	87.56	88.26	-87.78	-1,932.01	-1,582.24	1,225.15	1,049.37	175.78	6.970		
9,900.00	7,130.39	10,045.10	7,083.55	90.16	90.83	-87.80	-1,931.80	-1,682.23	1,223.94	1,042.96	180.97	6.763		
10,000.00	7,130.63	10,145.09	7,084.38	92.78	93.43	-87.83	-1,931.59	-1,782.22	1,222.72	1,036.53	186.20	6.567		
10,100.00	7,130.87	10,245.08	7,085.20	95.41	96.04	-87.86	-1,931.38	-1,882.20	1,221.51	1,030.07	191.45	6.380		
10,200.00	7,131.11	10,345.07	7,086.03	98.06	98.66	-87.88	-1,931.17	-1,982.19	1,220.30	1,023.58	196.72	6.203		
10,300.00	7,131.35	10,445.06	7,086.85	100.71	101.30	-87.91	-1,930.96	-2,082.18	1,219.09	1,017.06	202.02	6.034		
10,400.00	7,131.59	10,545.05	7,087.68	103.38	103.94	-87.93	-1,930.75	-2,182.17	1,217.88	1,010.53	207.35	5.874		
10,500.00	7,131.83	10,645.04	7,088.50	106.06	106.60	-87.96	-1,930.54	-2,282.15	1,216.67	1,003.98	212.69	5.720		
10,600.00	7,132.07	10,745.03	7,089.33	108.74	109.27	-87.98	-1,930.33	-2,382.14	1,215.45	997.40	218.05	5.574		
10,700.00	7,132.31	10,845.03	7,090.16	111.44	111.95	-88.01	-1,930.12	-2,482.13	1,214.24	990.81	223.43	5.435		
10,800.00	7,132.55	10,945.02	7,090.98	114.14	114.64	-88.03	-1,929.91	-2,582.12	1,213.03	984.21	228.82	5.301		
10,900.00	7,132.79	11,045.01	7,091.81	116.85	117.34	-88.06	-1,929.71	-2,682.10	1,211.82	977.59	234.23	5.174		
11,000.00	7,133.03	11,145.00	7,092.63	119.57	120.05	-88.09	-1,929.50	-2,782.09	1,210.61	970.95	239.66	5.051		
11,100.00	7,133.27	11,244.99	7,093.46	122.29	122.76	-88.11	-1,929.29	-2,882.08	1,209.40	964.31	245.10	4.934		
11,200.00	7,133.51	11,344.98	7,094.29	125.02	125.48	-88.14	-1,929.08	-2,982.07	1,208.19	957.65	250.55	4.822		
11,300.00	7,133.74	11,444.97	7,095.11	127.76	128.20	-88.16	-1,928.87	-3,082.05	1,206.98	950.97	256.01	4.715		
11,400.00	7,133.98	11,544.96	7,095.94	130.50	130.93	-88.19	-1,928.66	-3,182.04	1,205.77	944.29	261.48	4.611		
11,500.00	7,134.22	11,644.96	7,096.76	133.24	133.67	-88.22	-1,928.45	-3,282.03	1,204.57	937.60	266.97	4.512		
11,600.00	7,134.46	11,744.95	7,097.59	135.99	136.41	-88.24	-1,928.24	-3,382.02	1,203.36	930.90	272.46	4.417		
11,700.00	7,134.70	11,844.94	7,098.41	138.75	139.16	-88.27	-1,928.03	-3,482.00	1,202.15	924.19	277.96	4.325		
11,800.00	7,134.94	11,944.93	7,099.24	141.51	141.91	-88.29	-1,927.82	-3,581.99	1,200.94	917.47	283.47	4.237		
11,900.00	7,135.18	12,044.92	7,100.07	144.27	144.67	-88.32	-1,927.61	-3,681.98	1,199.73	910.75	288.99	4.152		
12,000.00	7,135.42	12,144.91	7,100.89	147.03	147.43	-88.35	-1,927.41	-3,781.97	1,198.53	904.01	294.51	4.070		
12,100.00	7,135.66	12,244.90	7,101.72	149.80	150.19	-88.37	-1,927.20	-3,881.95	1,197.32	897.27	300.05	3.990		
12,200.00	7,135.90	12,344.89	7,102.54	152.58	152.96	-88.40	-1,926.99	-3,981.94	1,196.11	890.53	305.59	3.914		
12,300.00	7,136.14	12,444.89	7,103.37	155.35	155.73	-88.43	-1,926.78	-4,081.93	1,194.90	883.77	311.13	3.841		
12,400.00	7,136.38	12,544.88	7,104.19	158.13	158.50	-88.45	-1,926.57	-4,181.92	1,193.70	877.01	316.68	3.769		
12,500.00	7,136.62	12,644.87	7,105.02	160.91	161.28	-88.48	-1,926.36	-4,281.90	1,192.49	870.25	322.24	3.701		
12,600.00	7,136.86	12,744.86	7,105.85	163.70	164.06	-88.51	-1,926.15	-4,381.89	1,191.29	863.48	327.80	3.634		
12,700.00	7,137.10	12,844.85	7,106.67	166.48	166.84	-88.53	-1,925.94	-4,481.88	1,190.08	856.71	333.37	3.570		
12,800.00	7,137.34	12,944.84	7,107.50	169.27	169.63	-88.56	-1,925.73	-4,581.87	1,188.87	849.93	338.95	3.508		
12,900.00	7,137.58	13,044.83	7,108.32	172.06	172.41	-88.59	-1,925.52	-4,681.86	1,187.67	843.14	344.52	3.447		
13,000.00	7,137.82	13,144.82	7,109.15	174.86	175.20	-88.61	-1,925.31	-4,781.84	1,186.46	836.36	350.11	3.389		
13,100.00	7,138.06	13,244.81	7,109.98	177.65	178.00	-88.64	-1,925.10	-4,881.83	1,185.26	829.57	355.69	3.332		
13,200.00	7,138.30	13,344.81	7,110.80	180.45	180.79	-88.67	-1,924.90	-4,981.82	1,184.06	822.77	361.28	3.277		
13,238.32	7,138.39	13,368.87	7,111.00	181.52	181.46	-88.67	-1,924.84	-5,005.88	1,183.68	820.75	362.93	3.261		
13,300.00	7,138.54	13,368.87	7,111.00	183.25	181.46	-88.67	-1,924.84	-5,005.88	1,185.29	821.66	363.62	3.260 SF		
13,400.00	7,138.78	13,368.87	7,111.00	186.05	181.46	-88.67	-1,924.84	-5,005.88	1,194.67	831.90	362.77	3.293		
13,500.00	7,139.02	13,368.87	7,111.00	188.85	181.46	-88.67	-1,924.84	-5,005.88	1,212.26	852.67	359.59	3.371		
13,600.00	7,139.25	13,368.87	7,111.00	191.65	181.46	-88.67	-1,924.84	-5,005.88	1,237.70	883.36	354.34	3.493		
13,700.00	7,139.49	13,368.87	7,111.00	194.46	181.46	-88.67	-1,924.84	-5,005.88	1,270.53	923.15	347.38	3.657		
13,800.00	7,139.73	13,368.87	7,111.00	197.27	181.46	-88.67	-1,924.84	-5,005.88	1,310.18	971.08	339.10	3.864		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	13,368.87	7,111.00	200.08	181.46	-88.67	-1,924.84	-5,005.88	1,356.07	1,026.19	329.88	4.111		
14,000.00	7,140.21	13,368.87	7,111.00	202.89	181.46	-88.67	-1,924.84	-5,005.88	1,407.57	1,087.51	320.06	4.398		
14,100.00	7,140.45	13,368.87	7,111.00	205.70	181.46	-88.67	-1,924.84	-5,005.88	1,464.10	1,154.14	309.96	4.723		
14,200.00	7,140.69	13,368.87	7,111.00	208.51	181.46	-88.67	-1,924.84	-5,005.88	1,525.10	1,225.28	299.82	5.087		
14,300.00	7,140.93	13,368.87	7,111.00	211.32	181.46	-88.67	-1,924.84	-5,005.88	1,590.05	1,300.25	289.80	5.487		
14,400.00	7,141.17	13,368.87	7,111.00	214.14	181.46	-88.67	-1,924.84	-5,005.88	1,658.49	1,378.43	280.06	5.922		
14,500.00	7,141.41	13,368.87	7,111.00	216.95	181.46	-88.67	-1,924.84	-5,005.88	1,730.01	1,459.33	270.68	6.391		
14,600.00	7,141.65	13,368.87	7,111.00	219.77	181.46	-88.67	-1,924.84	-5,005.88	1,804.24	1,542.52	261.72	6.894		
14,700.00	7,141.89	13,368.87	7,111.00	222.59	181.46	-88.67	-1,924.84	-5,005.88	1,880.85	1,627.65	253.20	7.428		
14,800.00	7,142.13	13,368.87	7,111.00	225.41	181.46	-88.67	-1,924.84	-5,005.88	1,959.58	1,714.43	245.15	7.993		
14,900.00	7,142.37	13,368.87	7,111.00	228.23	181.46	-88.67	-1,924.84	-5,005.88	2,040.17	1,802.60	237.56	8.588		
15,000.00	7,142.61	13,368.87	7,111.00	231.05	181.46	-88.67	-1,924.84	-5,005.88	2,122.41	1,891.98	230.43	9.211		
15,100.00	7,142.85	13,368.87	7,111.00	233.87	181.46	-88.67	-1,924.84	-5,005.88	2,206.12	1,982.40	223.72	9.861		
15,200.00	7,143.09	13,368.87	7,111.00	236.69	181.46	-88.67	-1,924.84	-5,005.88	2,291.13	2,073.70	217.43	10.537		
15,300.00	7,143.33	13,368.87	7,111.00	239.52	181.46	-88.67	-1,924.84	-5,005.88	2,377.32	2,165.78	211.54	11.238		
15,400.00	7,143.57	13,368.87	7,111.00	242.34	181.46	-88.67	-1,924.84	-5,005.88	2,464.54	2,258.53	206.01	11.963		
15,500.00	7,143.81	13,368.87	7,111.00	245.17	181.46	-88.67	-1,924.84	-5,005.88	2,552.71	2,351.88	200.83	12.711		
15,600.00	7,144.05	13,368.87	7,111.00	247.99	181.46	-88.67	-1,924.84	-5,005.88	2,641.71	2,445.74	195.97	13.480		
15,700.00	7,144.29	13,368.87	7,111.00	250.82	181.46	-88.67	-1,924.84	-5,005.88	2,731.48	2,540.07	191.41	14.270		
15,800.00	7,144.53	13,368.87	7,111.00	253.64	181.46	-88.67	-1,924.84	-5,005.88	2,821.93	2,634.80	187.13	15.080		
15,900.00	7,144.76	13,368.87	7,111.00	256.47	181.46	-88.67	-1,924.84	-5,005.88	2,913.01	2,729.90	183.12	15.908		
16,000.00	7,145.00	13,368.87	7,111.00	259.30	181.46	-88.67	-1,924.84	-5,005.88	3,004.66	2,825.32	179.34	16.754		
16,100.00	7,145.24	13,368.87	7,111.00	262.13	181.46	-88.67	-1,924.84	-5,005.88	3,096.82	2,921.03	175.79	17.616		
16,200.00	7,145.48	13,368.87	7,111.00	264.96	181.46	-88.67	-1,924.84	-5,005.88	3,189.46	3,017.01	172.45	18.495		
16,300.00	7,145.72	13,368.87	7,111.00	267.79	181.46	-88.67	-1,924.84	-5,005.88	3,282.53	3,113.22	169.31	19.388		
16,400.00	7,145.96	13,368.87	7,111.00	270.62	181.46	-88.67	-1,924.84	-5,005.88	3,375.99	3,209.65	166.34	20.295		
16,500.00	7,146.20	13,368.87	7,111.00	273.45	181.46	-88.67	-1,924.84	-5,005.88	3,469.82	3,306.27	163.55	21.216		
16,600.00	7,146.44	13,368.87	7,111.00	276.28	181.46	-88.67	-1,924.84	-5,005.88	3,563.99	3,403.08	160.91	22.149		
16,700.00	7,146.68	13,368.87	7,111.00	279.12	181.46	-88.67	-1,924.84	-5,005.88	3,658.46	3,500.04	158.42	23.094		
16,800.00	7,146.92	13,368.87	7,111.00	281.95	181.46	-88.67	-1,924.84	-5,005.88	3,753.22	3,597.16	156.06	24.050		
16,900.00	7,147.16	13,368.87	7,111.00	284.78	181.46	-88.67	-1,924.84	-5,005.88	3,848.25	3,694.42	153.83	25.016		
17,000.00	7,147.40	13,368.87	7,111.00	287.62	181.46	-88.67	-1,924.84	-5,005.88	3,943.52	3,791.80	151.72	25.992		
17,100.00	7,147.64	13,368.87	7,111.00	290.45	181.46	-88.67	-1,924.84	-5,005.88	4,039.02	3,889.30	149.72	26.977		
17,200.00	7,147.88	13,368.87	7,111.00	293.28	181.46	-88.67	-1,924.84	-5,005.88	4,134.73	3,986.91	147.82	27.971		
17,300.00	7,148.12	13,368.87	7,111.00	296.12	181.46	-88.67	-1,924.84	-5,005.88	4,230.65	4,084.62	146.03	28.972		
17,400.00	7,148.36	13,368.87	7,111.00	298.95	181.46	-88.67	-1,924.84	-5,005.88	4,326.74	4,182.42	144.32	29.981		
17,500.00	7,148.60	13,368.87	7,111.00	301.79	181.46	-88.67	-1,924.84	-5,005.88	4,423.01	4,280.32	142.70	30.996		
17,600.00	7,148.84	13,368.87	7,111.00	304.63	181.46	-88.67	-1,924.84	-5,005.88	4,519.44	4,378.29	141.15	32.018		
17,700.00	7,149.08	13,368.87	7,111.00	307.46	181.46	-88.67	-1,924.84	-5,005.88	4,616.03	4,476.34	139.69	33.046		
17,800.00	7,149.32	13,368.87	7,111.00	310.30	181.46	-88.67	-1,924.84	-5,005.88	4,712.75	4,574.46	138.29	34.079		
17,900.00	7,149.56	13,368.87	7,111.00	313.14	181.46	-88.67	-1,924.84	-5,005.88	4,809.61	4,672.65	136.96	35.117		
18,000.00	7,149.80	13,368.87	7,111.00	315.98	181.46	-88.67	-1,924.84	-5,005.88	4,906.60	4,770.90	135.70	36.159		
18,100.00	7,150.04	13,368.87	7,111.00	318.81	181.46	-88.67	-1,924.84	-5,005.88	5,003.70	4,869.22	134.49	37.206		
18,200.00	7,150.27	13,368.87	7,111.00	321.65	181.46	-88.67	-1,924.84	-5,005.88	5,100.92	4,967.58	133.34	38.256		
18,300.00	7,150.51	13,368.87	7,111.00	324.49	181.46	-88.67	-1,924.84	-5,005.88	5,198.24	5,066.01	132.24	39.310		
18,400.00	7,150.75	13,368.87	7,111.00	327.33	181.46	-88.67	-1,924.84	-5,005.88	5,295.66	5,164.48	131.19	40.367		
18,500.00	7,150.99	13,368.87	7,111.00	330.17	181.46	-88.67	-1,924.84	-5,005.88	5,393.18	5,262.99	130.19	41.426		
18,600.00	7,151.23	13,368.87	7,111.00	333.01	181.46	-88.67	-1,924.84	-5,005.88	5,490.79	5,361.56	129.23	42.489		
18,700.00	7,151.47	13,368.87	7,111.00	335.85	181.46	-88.67	-1,924.84	-5,005.88	5,588.48	5,460.16	128.31	43.553		
18,800.00	7,151.71	13,368.87	7,111.00	338.69	181.46	-88.67	-1,924.84	-5,005.88	5,686.25	5,558.81	127.44	44.619		
18,900.00	7,151.95	13,368.87	7,111.00	341.53	181.46	-88.67	-1,924.84	-5,005.88	5,784.09	5,657.49	126.60	45.687		
18,920.23	7,152.00	13,368.87	7,111.00	342.10	181.46	-88.67	-1,924.84	-5,005.88	5,803.90	5,677.46	126.44	45.903		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-150.10	-1.39	150.10					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-150.10	-1.39	150.10	143.54	6.57	22.849		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-150.10	-1.39	150.10	143.43	6.67	22.491		
300.00	299.98	299.98	299.98	3.44	3.44	61.13	-150.10	-1.39	149.25	142.37	6.89	21.675		
400.00	399.84	395.47	395.45	3.60	3.59	62.57	-151.54	-0.72	148.27	141.08	7.19	20.627		
417.16	416.95	411.86	411.84	3.63	3.62	62.87	-152.08	-0.47	148.25	141.00	7.25	20.448 CC, ES		
500.00	499.45	490.97	490.83	3.80	3.77	64.56	-155.87	1.29	148.78	141.20	7.58	19.622		
600.00	598.70	586.43	585.95	4.04	3.99	67.03	-163.08	4.63	150.95	142.89	8.06	18.726		
700.00	697.47	681.78	680.66	4.33	4.24	69.88	-173.14	9.30	154.94	146.33	8.61	17.993		
800.00	795.62	776.99	774.79	4.65	4.52	72.96	-186.04	15.28	160.92	151.69	9.22	17.444		
865.50	859.53	839.23	836.06	4.89	4.72	75.05	-196.00	19.90	165.98	156.32	9.66	17.185		
900.00	893.10	871.99	868.20	5.02	4.84	76.15	-201.73	22.55	169.08	159.19	9.90	17.086		
1,000.00	990.42	966.89	960.88	5.41	5.18	78.65	-220.20	31.12	179.98	169.37	10.62	16.953		
1,100.00	1,087.73	1,061.52	1,052.58	5.83	5.56	80.18	-241.38	40.94	193.47	182.08	11.38	16.997		
1,200.00	1,185.05	1,155.68	1,143.02	6.27	5.96	80.88	-265.17	51.98	209.29	197.11	12.18	17.184		
1,300.00	1,282.36	1,249.19	1,231.92	6.72	6.39	80.91	-291.45	64.16	227.33	214.32	13.00	17.484		
1,400.00	1,379.67	1,341.84	1,319.02	7.18	6.85	80.40	-320.07	77.44	247.55	233.71	13.84	17.883		
1,500.00	1,476.99	1,433.45	1,404.11	7.65	7.33	79.51	-350.87	91.72	269.98	255.29	14.69	18.374		
1,600.00	1,574.30	1,523.87	1,486.98	8.13	7.84	78.35	-383.68	106.93	294.67	279.12	15.55	18.951		
1,700.00	1,671.61	1,612.94	1,567.46	8.62	8.38	77.02	-418.29	122.99	321.67	305.27	16.40	19.613		
1,800.00	1,768.93	1,705.01	1,649.59	9.11	8.86	75.57	-456.04	140.49	350.70	333.39	17.30	20.270		
1,900.00	1,866.24	1,800.26	1,734.43	9.60	9.58	74.27	-495.31	158.70	380.12	361.86	18.26	20.820		
2,000.00	1,963.56	1,904.50	1,819.27	10.10	10.28	73.16	-534.58	176.91	409.70	390.42	19.28	21.251		
2,100.00	2,060.87	2,009.26	1,904.11	10.61	11.00	72.19	-573.84	195.12	439.40	419.08	20.32	21.628		
2,200.00	2,158.18	2,085.98	1,988.95	11.11	11.53	71.35	-613.11	213.34	469.20	448.00	21.20	22.132		
2,300.00	2,255.50	2,181.22	2,073.78	11.62	12.20	70.61	-652.37	231.55	499.08	476.88	22.20	22.482		
2,400.00	2,352.81	2,276.46	2,158.62	12.13	12.88	69.95	-691.64	249.76	529.03	505.83	23.21	22.797		
2,500.00	2,450.13	2,371.71	2,243.46	12.65	13.56	69.36	-730.91	267.97	559.04	534.82	24.22	23.081		
2,600.00	2,547.44	2,466.95	2,328.30	13.16	14.25	68.83	-770.17	286.18	589.10	563.86	25.24	23.340		
2,700.00	2,644.75	2,562.19	2,413.14	13.68	14.94	68.35	-809.44	304.39	619.20	592.93	26.26	23.575		
2,800.00	2,742.07	2,657.43	2,497.98	14.20	15.63	67.92	-848.71	322.60	649.33	622.03	27.29	23.790		
2,900.00	2,839.38	2,752.67	2,582.81	14.71	16.33	67.52	-887.97	340.81	679.49	651.16	28.33	23.987		
3,000.00	2,936.70	2,847.92	2,667.65	15.23	17.04	67.16	-927.24	359.02	709.68	680.32	29.37	24.168		
3,100.00	3,034.01	2,943.16	2,752.49	15.76	17.74	66.83	-966.50	377.23	739.90	709.49	30.41	24.334		
3,200.00	3,131.32	3,038.40	2,837.33	16.28	18.45	66.52	-1,005.77	395.44	770.13	738.68	31.45	24.488		
3,300.00	3,228.64	3,133.64	2,922.17	16.80	19.15	66.24	-1,045.04	413.65	800.39	767.89	32.50	24.631		
3,400.00	3,325.95	3,228.88	3,007.01	17.32	19.86	65.98	-1,084.30	431.86	830.66	797.11	33.54	24.763		
3,500.00	3,423.26	3,324.13	3,091.85	17.85	20.58	65.74	-1,123.57	450.07	860.94	826.35	34.60	24.886		
3,600.00	3,520.58	3,419.37	3,176.68	18.37	21.29	65.51	-1,162.84	468.28	891.24	855.59	35.65	25.001		
3,700.00	3,617.89	3,514.61	3,261.52	18.90	22.00	65.30	-1,202.10	486.49	921.55	884.85	36.70	25.108		
3,800.00	3,715.21	3,609.85	3,346.36	19.43	22.72	65.10	-1,241.37	504.70	951.87	914.11	37.76	25.208		
3,900.00	3,812.52	3,705.09	3,431.20	19.95	23.44	64.91	-1,280.63	522.91	982.20	943.38	38.82	25.302		
4,000.00	3,909.83	3,800.34	3,516.04	20.48	24.16	64.73	-1,319.90	541.12	1,012.54	972.66	39.88	25.391		
4,100.00	4,007.15	3,904.42	3,600.88	21.01	24.94	64.57	-1,359.17	559.33	1,042.89	1,001.90	40.99	25.440		
4,200.00	4,104.46	4,009.18	3,685.72	21.53	25.73	64.41	-1,398.43	577.54	1,073.25	1,031.13	42.12	25.483		
4,300.00	4,201.78	4,086.06	3,770.55	22.06	26.31	64.27	-1,437.70	595.75	1,103.61	1,060.54	43.07	25.626		
4,400.00	4,299.09	4,181.30	3,855.39	22.59	27.04	64.13	-1,476.97	613.96	1,133.98	1,089.85	44.13	25.696		
4,500.00	4,396.40	4,276.55	3,940.23	23.12	27.76	63.99	-1,516.23	632.17	1,164.35	1,119.15	45.20	25.762		
4,600.00	4,493.72	4,371.79	4,025.07	23.65	28.48	63.87	-1,555.50	650.38	1,194.73	1,148.47	46.26	25.824		
4,700.00	4,591.03	4,467.03	4,109.91	24.18	29.20	63.75	-1,594.76	668.59	1,225.12	1,177.78	47.33	25.884		
4,800.00	4,688.34	4,562.27	4,194.75	24.71	29.93	63.64	-1,634.03	686.80	1,255.50	1,207.10	48.40	25.940		
4,900.00	4,785.66	4,657.51	4,279.59	25.24	30.65	63.53	-1,673.30	705.01	1,285.90	1,236.43	49.47	25.994		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,882.97	4,752.75	4,364.42	25.77	31.37	63.42	-1,712.56	723.22	1,316.30	1,265.76	50.54	26.045		
5,100.00	4,980.29	4,848.00	4,449.26	26.30	32.10	63.33	-1,751.83	741.43	1,346.70	1,295.09	51.61	26.094		
5,200.00	5,077.60	4,943.24	4,534.10	26.83	32.82	63.23	-1,791.10	759.64	1,377.10	1,324.42	52.68	26.140		
5,300.00	5,174.91	5,038.48	4,618.94	27.36	33.55	63.14	-1,830.36	777.85	1,407.51	1,353.75	53.75	26.184		
5,400.00	5,272.23	5,133.72	4,703.78	27.89	34.28	63.06	-1,869.63	796.06	1,437.92	1,383.09	54.83	26.227		
5,500.00	5,369.54	5,228.96	4,788.62	28.42	35.00	62.97	-1,908.90	814.27	1,468.33	1,412.43	55.90	26.267		
5,600.00	5,466.86	5,324.21	4,873.46	28.95	35.73	62.89	-1,948.16	832.48	1,498.75	1,441.77	56.97	26.306		
5,700.00	5,564.17	5,419.45	4,958.29	29.48	36.46	62.82	-1,987.43	850.69	1,529.17	1,471.12	58.05	26.343		
5,800.00	5,661.48	5,514.69	5,043.13	30.01	37.18	62.74	-2,026.69	868.90	1,559.59	1,500.47	59.12	26.379		
5,900.00	5,758.80	5,609.93	5,127.97	30.54	37.91	62.67	-2,065.96	887.11	1,590.01	1,529.81	60.20	26.413		
6,000.00	5,856.11	5,705.17	5,212.81	31.07	38.64	62.61	-2,105.23	905.32	1,620.44	1,559.16	61.27	26.446		
6,100.00	5,953.43	5,800.42	5,297.65	31.61	39.36	62.54	-2,144.49	923.53	1,650.86	1,588.51	62.35	26.477		
6,200.00	6,050.74	5,895.66	5,382.49	32.14	40.09	62.48	-2,183.76	941.74	1,681.29	1,617.87	63.43	26.508		
6,300.00	6,148.05	6,009.10	5,467.33	32.67	40.96	62.42	-2,223.03	959.95	1,711.72	1,647.11	64.62	26.490		
6,400.00	6,245.37	6,086.14	5,552.16	33.20	41.55	62.36	-2,262.29	978.16	1,742.16	1,676.58	65.58	26.565		
6,500.00	6,342.68	6,181.38	5,637.00	33.73	42.28	62.30	-2,301.56	996.37	1,772.59	1,705.93	66.66	26.592		
6,520.81	6,362.93	6,201.20	5,654.66	33.85	42.43	62.29	-2,309.73	1,000.16	1,778.92	1,712.04	66.88	26.597		
6,550.00	6,391.46	6,228.99	5,679.40	34.00	42.64	62.29	-2,321.18	1,005.47	1,787.80	1,720.61	67.19	26.608		
6,600.00	6,440.79	6,276.36	5,721.60	34.23	43.00	62.29	-2,340.71	1,014.53	1,802.94	1,735.27	67.67	26.642		
6,650.00	6,490.44	6,323.21	5,763.34	34.43	43.36	62.29	-2,360.03	1,023.49	1,817.94	1,749.84	68.10	26.694		
6,700.00	6,540.10	6,369.25	5,804.35	34.60	43.72	62.29	-2,379.01	1,032.29	1,832.77	1,764.28	68.49	26.761		
6,750.00	6,589.46	6,414.20	5,844.39	34.76	44.06	62.29	-2,397.54	1,040.89	1,847.41	1,778.58	68.84	26.838		
6,800.00	6,638.22	6,457.78	5,883.21	34.92	44.39	62.29	-2,415.51	1,049.22	1,861.87	1,792.71	69.16	26.921		
6,850.00	6,686.09	6,500.28	5,920.56	35.07	44.72	62.29	-2,432.80	1,057.24	1,876.17	1,806.70	69.47	27.008		
6,900.00	6,732.75	6,539.76	5,956.23	35.24	45.02	62.29	-2,449.31	1,064.89	1,890.34	1,820.59	69.75	27.103		
6,950.00	6,777.94	6,577.65	5,989.98	35.42	45.31	62.29	-2,464.93	1,072.14	1,904.42	1,834.41	70.02	27.199		
7,000.00	6,821.36	6,613.17	6,021.62	35.61	45.58	62.29	-2,479.57	1,078.93	1,918.47	1,848.20	70.27	27.300		
7,050.00	6,862.75	6,646.08	6,050.94	35.83	45.83	62.29	-2,493.14	1,085.22	1,932.54	1,862.02	70.52	27.403		
7,100.00	6,901.85	6,676.20	6,077.77	36.06	46.06	62.29	-2,505.56	1,090.98	1,946.67	1,875.91	70.77	27.508		
7,150.00	6,938.43	6,703.33	6,101.93	36.32	46.27	62.29	-2,516.75	1,096.17	1,960.92	1,889.91	71.01	27.615		
7,200.00	6,972.26	6,727.31	6,123.29	36.61	46.46	62.29	-2,526.63	1,100.75	1,975.32	1,904.06	71.26	27.722		
7,250.00	7,003.13	6,747.98	6,141.71	36.93	46.61	62.29	-2,535.15	1,104.70	1,989.89	1,918.38	71.51	27.828		
7,300.00	7,030.85	6,765.23	6,157.07	37.29	46.75	62.29	-2,542.26	1,108.00	2,004.65	1,932.88	71.77	27.932		
7,350.00	7,055.25	6,778.94	6,169.28	37.68	46.85	62.29	-2,547.92	1,110.62	2,019.59	1,947.55	72.04	28.034		
7,400.00	7,076.17	6,789.03	6,178.27	38.12	46.93	62.29	-2,552.08	1,112.55	2,034.69	1,962.37	72.32	28.133		
7,450.00	7,093.50	6,795.44	6,183.98	38.60	46.98	62.29	-2,554.72	1,113.78	2,049.91	1,977.29	72.62	28.227		
7,500.00	7,107.11	6,801.87	6,186.38	39.11	47.03	62.29	-2,555.83	1,114.29	2,065.18	1,992.23	72.95	28.308		
7,550.00	7,116.94	6,802.92	6,185.44	39.66	47.04	62.29	-2,555.39	1,114.09	2,080.43	2,007.15	73.28	28.389		
7,600.00	7,122.91	6,807.71	6,181.18	40.24	47.07	62.29	-2,553.42	1,113.18	2,095.56	2,021.89	73.66	28.448		
7,650.18	7,125.00	6,783.77	6,173.59	40.85	46.89	62.29	-2,549.91	1,111.55	2,110.50	2,036.60	73.89	28.561		
7,700.00	7,125.12	6,773.48	6,164.42	41.48	46.81	62.29	-2,545.66	1,109.58	2,125.68	2,051.45	74.23	28.637		
7,800.00	7,125.36	6,752.81	6,146.01	42.88	46.65	62.29	-2,537.14	1,105.63	2,159.16	2,084.18	74.98	28.796		
7,900.00	7,125.60	6,732.14	6,127.60	44.42	46.49	62.29	-2,528.62	1,101.68	2,196.48	2,120.67	75.81	28.974		
8,000.00	7,125.84	6,711.48	6,109.19	46.10	46.34	62.29	-2,520.10	1,097.72	2,237.47	2,160.78	76.69	29.175		
8,100.00	7,126.08	6,709.19	6,090.78	47.89	46.32	62.29	-2,511.58	1,093.77	2,281.92	2,204.21	77.71	29.365		
8,200.00	7,126.32	8,871.18	7,235.22	49.79	57.83	92.70	-3,034.25	14.76	2,314.83	2,212.76	102.08	22.677		
8,300.00	7,126.56	8,971.09	7,235.80	51.79	59.13	92.71	-3,033.99	-85.16	2,318.90	2,212.94	105.96	21.886		
8,400.00	7,126.80	9,071.01	7,236.38	53.86	60.59	92.71	-3,033.73	-185.07	2,322.96	2,212.96	109.99	21.119		
8,500.00	7,127.04	9,170.93	7,236.96	56.00	62.20	92.72	-3,033.47	-284.99	2,327.02	2,212.84	114.18	20.381		
8,600.00	7,127.28	9,270.85	7,237.54	58.21	63.94	92.72	-3,033.21	-384.90	2,331.08	2,212.60	118.49	19.674		
8,689.38	7,127.49	9,360.16	7,238.06	60.24	65.60	92.72	-3,032.98	-474.21	2,334.71	2,212.28	122.44	19.069		
8,700.00	7,127.52	9,370.76	7,238.12	60.48	65.80	92.72	-3,032.95	-484.82	2,335.12	2,212.21	122.91	18.999		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	9,470.74	7,238.70	62.79	67.76	-92.72	-3,032.69	-584.79	2,337.07	2,209.64	127.43	18.340		
8,841.07	7,127.85	9,511.81	7,238.94	63.74	68.59	-92.72	-3,032.58	-625.86	2,336.87	2,207.55	129.31	18.072		
8,900.00	7,128.00	9,570.73	7,239.28	65.12	69.80	-92.73	-3,032.43	-684.78	2,336.14	2,204.11	132.04	17.693		
9,000.00	7,128.23	9,670.73	7,239.86	67.50	71.92	-92.74	-3,032.17	-784.77	2,334.92	2,198.19	136.72	17.078		
9,100.00	7,128.47	9,770.72	7,240.44	69.91	74.11	-92.75	-3,031.90	-884.76	2,333.69	2,192.21	141.49	16.494		
9,200.00	7,128.71	9,870.71	7,241.03	72.35	76.36	-92.76	-3,031.64	-984.75	2,332.47	2,186.15	146.32	15.941		
9,300.00	7,128.95	9,970.70	7,241.61	74.83	78.65	-92.77	-3,031.38	-1,084.74	2,331.24	2,180.03	151.21	15.418		
9,400.00	7,129.19	10,070.69	7,242.19	77.33	80.99	-92.78	-3,031.12	-1,184.73	2,330.02	2,173.86	156.15	14.921		
9,500.00	7,129.43	10,170.68	7,242.77	79.86	83.37	-92.79	-3,030.86	-1,284.72	2,328.79	2,167.64	161.15	14.451		
9,600.00	7,129.67	10,270.68	7,243.35	82.41	85.78	-92.80	-3,030.60	-1,384.71	2,327.57	2,161.37	166.19	14.005		
9,700.00	7,129.91	10,370.67	7,243.93	84.97	88.23	-92.81	-3,030.34	-1,484.70	2,326.34	2,155.07	171.28	13.582		
9,800.00	7,130.15	10,470.66	7,244.51	87.56	90.70	-92.82	-3,030.08	-1,584.69	2,325.12	2,148.72	176.40	13.181		
9,900.00	7,130.39	10,570.65	7,245.09	90.16	93.20	-92.83	-3,029.82	-1,684.68	2,323.89	2,142.34	181.56	12.800		
10,000.00	7,130.63	10,670.64	7,245.67	92.78	95.72	-92.84	-3,029.55	-1,784.67	2,322.67	2,135.92	186.75	12.438		
10,100.00	7,130.87	10,770.63	7,246.25	95.41	98.26	-92.85	-3,029.29	-1,884.66	2,321.44	2,129.48	191.96	12.093		
10,200.00	7,131.11	10,870.63	7,246.83	98.06	100.82	-92.86	-3,029.03	-1,984.65	2,320.22	2,123.01	197.21	11.765		
10,300.00	7,131.35	10,970.62	7,247.42	100.71	103.40	-92.87	-3,028.77	-2,084.64	2,318.99	2,116.51	202.48	11.453		
10,400.00	7,131.59	11,070.61	7,248.00	103.38	105.99	-92.88	-3,028.51	-2,184.63	2,317.77	2,110.00	207.77	11.155		
10,500.00	7,131.83	11,170.60	7,248.58	106.06	108.60	-92.89	-3,028.25	-2,284.62	2,316.55	2,103.46	213.09	10.871		
10,600.00	7,132.07	11,270.59	7,249.16	108.74	111.23	-92.90	-3,027.99	-2,384.61	2,315.32	2,096.90	218.42	10.600		
10,700.00	7,132.31	11,370.58	7,249.74	111.44	113.86	-92.91	-3,027.73	-2,484.60	2,314.10	2,090.32	223.78	10.341		
10,800.00	7,132.55	11,470.58	7,250.32	114.14	116.51	-92.92	-3,027.46	-2,584.59	2,312.87	2,083.73	229.15	10.093		
10,900.00	7,132.79	11,570.57	7,250.90	116.85	119.16	-92.93	-3,027.20	-2,684.58	2,311.65	2,077.12	234.53	9.856		
11,000.00	7,133.03	11,670.56	7,251.48	119.57	121.83	-92.94	-3,026.94	-2,784.57	2,310.43	2,070.49	239.93	9.629		
11,100.00	7,133.27	11,770.55	7,252.06	122.29	124.51	-92.95	-3,026.68	-2,884.56	2,309.20	2,063.85	245.35	9.412		
11,200.00	7,133.51	11,870.54	7,252.64	125.02	127.19	-92.96	-3,026.42	-2,984.55	2,307.98	2,057.20	250.77	9.203		
11,300.00	7,133.74	11,970.53	7,253.23	127.76	129.89	-92.97	-3,026.16	-3,084.54	2,306.75	2,050.54	256.21	9.003		
11,400.00	7,133.98	12,070.53	7,253.81	130.50	132.59	-92.98	-3,025.90	-3,184.52	2,305.53	2,043.87	261.66	8.811		
11,500.00	7,134.22	12,170.52	7,254.39	133.24	135.29	-92.99	-3,025.64	-3,284.51	2,304.31	2,037.18	267.13	8.626		
11,600.00	7,134.46	12,270.51	7,254.97	135.99	138.01	-93.00	-3,025.37	-3,384.50	2,303.08	2,030.49	272.60	8.449		
11,700.00	7,134.70	12,370.50	7,255.55	138.75	140.73	-93.01	-3,025.11	-3,484.49	2,301.86	2,023.78	278.08	8.278		
11,800.00	7,134.94	12,470.49	7,256.13	141.51	143.45	-93.02	-3,024.85	-3,584.48	2,300.64	2,017.07	283.57	8.113		
11,900.00	7,135.18	12,570.48	7,256.71	144.27	146.18	-93.03	-3,024.59	-3,684.47	2,299.41	2,010.35	289.07	7.955		
12,000.00	7,135.42	12,670.48	7,257.29	147.03	148.92	-93.04	-3,024.33	-3,784.46	2,298.19	2,003.62	294.57	7.802		
12,100.00	7,135.66	12,770.47	7,257.87	149.80	151.66	-93.05	-3,024.07	-3,884.45	2,296.97	1,996.88	300.08	7.654		
12,200.00	7,135.90	12,870.46	7,258.45	152.58	154.40	-93.06	-3,023.81	-3,984.44	2,295.74	1,990.14	305.60	7.512		
12,300.00	7,136.14	12,970.45	7,259.04	155.35	157.15	-93.07	-3,023.55	-4,084.43	2,294.52	1,983.39	311.13	7.375		
12,400.00	7,136.38	13,070.44	7,259.62	158.13	159.91	-93.08	-3,023.29	-4,184.42	2,293.30	1,976.63	316.66	7.242		
12,500.00	7,136.62	13,170.43	7,260.20	160.91	162.67	-93.09	-3,023.02	-4,284.41	2,292.07	1,969.87	322.20	7.114		
12,600.00	7,136.86	13,270.43	7,260.78	163.70	165.43	-93.10	-3,022.76	-4,384.40	2,290.85	1,963.10	327.75	6.990		
12,700.00	7,137.10	13,370.42	7,261.36	166.48	168.19	-93.11	-3,022.50	-4,484.39	2,289.63	1,956.33	333.30	6.870		
12,800.00	7,137.34	13,470.41	7,261.94	169.27	170.96	-93.12	-3,022.24	-4,584.38	2,288.41	1,949.55	338.85	6.753		
12,838.34	7,137.43	13,480.77	7,262.00	170.34	171.24	-93.12	-3,022.21	-4,594.74	2,288.11	1,948.05	340.05	6.729		
12,900.00	7,137.58	13,480.77	7,262.00	172.06	171.24	-93.12	-3,022.21	-4,594.74	2,288.94	1,947.68	341.26	6.707		
13,000.00	7,137.82	13,480.77	7,262.00	174.86	171.24	-93.12	-3,022.21	-4,594.74	2,293.81	1,951.08	342.73	6.693 SF		
13,100.00	7,138.06	13,480.77	7,262.00	177.65	171.24	-93.12	-3,022.21	-4,594.74	2,303.02	1,959.43	343.59	6.703		
13,200.00	7,138.30	13,480.77	7,262.00	180.45	171.24	-93.12	-3,022.21	-4,594.74	2,316.51	1,972.67	343.84	6.737		
13,300.00	7,138.54	13,480.77	7,262.00	183.25	171.24	-93.12	-3,022.21	-4,594.74	2,334.22	1,990.70	343.52	6.795		
13,400.00	7,138.78	13,480.77	7,262.00	186.05	171.24	-93.12	-3,022.21	-4,594.74	2,356.04	2,013.39	342.64	6.876		
13,500.00	7,139.02	13,480.77	7,262.00	188.85	171.24	-93.12	-3,022.21	-4,594.74	2,381.86	2,040.61	341.25	6.980		
13,600.00	7,139.25	13,480.77	7,262.00	191.65	171.24	-93.12	-3,022.21	-4,594.74	2,411.55	2,072.17	339.38	7.106		
13,700.00	7,139.49	13,480.77	7,262.00	194.46	171.24	-93.12	-3,022.21	-4,594.74	2,444.97	2,107.90	337.08	7.253		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,139.73	13,480.77	7,262.00	197.27	171.24	-93.12	-3,022.21	-4,594.74	2,481.98	2,147.59	334.39	7.422		
13,900.00	7,139.97	13,480.77	7,262.00	200.08	171.24	-93.12	-3,022.21	-4,594.74	2,522.41	2,191.03	331.38	7.612		
14,000.00	7,140.21	13,480.77	7,262.00	202.89	171.24	-93.12	-3,022.21	-4,594.74	2,566.10	2,238.03	328.08	7.822		
14,100.00	7,140.45	13,480.77	7,262.00	205.70	171.24	-93.12	-3,022.21	-4,594.74	2,612.90	2,288.36	324.54	8.051		
14,200.00	7,140.69	13,480.77	7,262.00	208.51	171.24	-93.12	-3,022.21	-4,594.74	2,662.62	2,341.82	320.80	8.300		
14,300.00	7,140.93	13,480.77	7,262.00	211.32	171.24	-93.12	-3,022.21	-4,594.74	2,715.12	2,398.21	316.91	8.567		
14,400.00	7,141.17	13,480.77	7,262.00	214.14	171.24	-93.12	-3,022.21	-4,594.74	2,770.24	2,457.33	312.91	8.853		
14,500.00	7,141.41	13,480.77	7,262.00	216.95	171.24	-93.12	-3,022.21	-4,594.74	2,827.82	2,518.99	308.83	9.157		
14,600.00	7,141.65	13,480.77	7,262.00	219.77	171.24	-93.12	-3,022.21	-4,594.74	2,887.71	2,583.02	304.69	9.477		
14,700.00	7,141.89	13,480.77	7,262.00	222.59	171.24	-93.12	-3,022.21	-4,594.74	2,949.78	2,649.25	300.54	9.815		
14,800.00	7,142.13	13,480.77	7,262.00	225.41	171.24	-93.12	-3,022.21	-4,594.74	3,013.89	2,717.51	296.38	10.169		
14,900.00	7,142.37	13,480.77	7,262.00	228.23	171.24	-93.12	-3,022.21	-4,594.74	3,079.92	2,787.67	292.25	10.539		
15,000.00	7,142.61	13,480.77	7,262.00	231.05	171.24	-93.12	-3,022.21	-4,594.74	3,147.73	2,859.58	288.15	10.924		
15,100.00	7,142.85	13,480.77	7,262.00	233.87	171.24	-93.12	-3,022.21	-4,594.74	3,217.23	2,933.12	284.10	11.324		
15,200.00	7,143.09	13,480.77	7,262.00	236.69	171.24	-93.12	-3,022.21	-4,594.74	3,288.29	3,008.17	280.12	11.739		
15,300.00	7,143.33	13,480.77	7,262.00	239.52	171.24	-93.12	-3,022.21	-4,594.74	3,360.83	3,084.62	276.21	12.168		
15,400.00	7,143.57	13,480.77	7,262.00	242.34	171.24	-93.12	-3,022.21	-4,594.74	3,434.75	3,162.37	272.39	12.610		
15,500.00	7,143.81	13,480.77	7,262.00	245.17	171.24	-93.12	-3,022.21	-4,594.74	3,509.97	3,241.32	268.64	13.065		
15,600.00	7,144.05	13,480.77	7,262.00	247.99	171.24	-93.12	-3,022.21	-4,594.74	3,586.39	3,321.40	265.00	13.534		
15,700.00	7,144.29	13,480.77	7,262.00	250.82	171.24	-93.12	-3,022.21	-4,594.74	3,663.95	3,402.51	261.44	14.015		
15,800.00	7,144.53	13,480.77	7,262.00	253.64	171.24	-93.12	-3,022.21	-4,594.74	3,742.58	3,484.59	257.98	14.507		
15,900.00	7,144.76	13,480.77	7,262.00	256.47	171.24	-93.12	-3,022.21	-4,594.74	3,822.20	3,567.58	254.62	15.011		
16,000.00	7,145.00	13,480.77	7,262.00	259.30	171.24	-93.12	-3,022.21	-4,594.74	3,902.76	3,651.40	251.36	15.527		
16,100.00	7,145.24	13,480.77	7,262.00	262.13	171.24	-93.12	-3,022.21	-4,594.74	3,984.20	3,736.01	248.19	16.053		
16,200.00	7,145.48	13,480.77	7,262.00	264.96	171.24	-93.12	-3,022.21	-4,594.74	4,066.47	3,821.35	245.12	16.590		
16,300.00	7,145.72	13,480.77	7,262.00	267.79	171.24	-93.12	-3,022.21	-4,594.74	4,149.52	3,907.37	242.15	17.136		
16,400.00	7,145.96	13,480.77	7,262.00	270.62	171.24	-93.12	-3,022.21	-4,594.74	4,233.30	3,994.03	239.27	17.693		
16,500.00	7,146.20	13,480.77	7,262.00	273.45	171.24	-93.12	-3,022.21	-4,594.74	4,317.78	4,081.29	236.48	18.258		
16,600.00	7,146.44	13,480.77	7,262.00	276.28	171.24	-93.12	-3,022.21	-4,594.74	4,402.90	4,169.11	233.78	18.833		
16,700.00	7,146.68	13,480.77	7,262.00	279.12	171.24	-93.12	-3,022.21	-4,594.74	4,488.64	4,257.46	231.18	19.417		
16,800.00	7,146.92	13,480.77	7,262.00	281.95	171.24	-93.12	-3,022.21	-4,594.74	4,574.95	4,346.30	228.65	20.008		
16,900.00	7,147.16	13,480.77	7,262.00	284.78	171.24	-93.12	-3,022.21	-4,594.74	4,661.82	4,435.60	226.21	20.608		
17,000.00	7,147.40	13,480.77	7,262.00	287.62	171.24	-93.12	-3,022.21	-4,594.74	4,749.20	4,525.34	223.85	21.216		
17,100.00	7,147.64	13,480.77	7,262.00	290.45	171.24	-93.12	-3,022.21	-4,594.74	4,837.06	4,615.49	221.57	21.831		
17,200.00	7,147.88	13,480.77	7,262.00	293.28	171.24	-93.12	-3,022.21	-4,594.74	4,925.40	4,706.03	219.36	22.453		
17,300.00	7,148.12	13,480.77	7,262.00	296.12	171.24	-93.12	-3,022.21	-4,594.74	5,014.16	4,796.93	217.23	23.082		
17,400.00	7,148.36	13,480.77	7,262.00	298.95	171.24	-93.12	-3,022.21	-4,594.74	5,103.35	4,888.18	215.17	23.718		
17,500.00	7,148.60	13,480.77	7,262.00	301.79	171.24	-93.12	-3,022.21	-4,594.74	5,192.93	4,979.75	213.18	24.360		
17,600.00	7,148.84	13,480.77	7,262.00	304.63	171.24	-93.12	-3,022.21	-4,594.74	5,282.88	5,071.63	211.25	25.008		
17,700.00	7,149.08	13,480.77	7,262.00	307.46	171.24	-93.12	-3,022.21	-4,594.74	5,373.19	5,163.81	209.38	25.662		
17,800.00	7,149.32	13,480.77	7,262.00	310.30	171.24	-93.12	-3,022.21	-4,594.74	5,463.84	5,256.26	207.58	26.321		
17,900.00	7,149.56	13,480.77	7,262.00	313.14	171.24	-93.12	-3,022.21	-4,594.74	5,554.80	5,348.97	205.84	26.986		
18,000.00	7,149.80	13,480.77	7,262.00	315.98	171.24	-93.12	-3,022.21	-4,594.74	5,646.08	5,441.93	204.15	27.656		
18,100.00	7,150.04	13,480.77	7,262.00	318.81	171.24	-93.12	-3,022.21	-4,594.74	5,737.64	5,535.12	202.52	28.331		
18,200.00	7,150.27	13,480.77	7,262.00	321.65	171.24	-93.12	-3,022.21	-4,594.74	5,829.48	5,628.54	200.94	29.011		
18,300.00	7,150.51	13,480.77	7,262.00	324.49	171.24	-93.12	-3,022.21	-4,594.74	5,921.59	5,722.17	199.41	29.695		
18,400.00	7,150.75	13,480.77	7,262.00	327.33	171.24	-93.12	-3,022.21	-4,594.74	6,013.94	5,816.01	197.93	30.384		
18,500.00	7,150.99	13,480.77	7,262.00	330.17	171.24	-93.12	-3,022.21	-4,594.74	6,106.54	5,910.04	196.50	31.076		
18,600.00	7,151.23	13,480.77	7,262.00	333.01	171.24	-93.12	-3,022.21	-4,594.74	6,199.37	6,004.25	195.11	31.773		
18,700.00	7,151.47	13,480.77	7,262.00	335.85	171.24	-93.12	-3,022.21	-4,594.74	6,292.42	6,098.64	193.77	32.473		
18,800.00	7,151.71	13,480.77	7,262.00	338.69	171.24	-93.12	-3,022.21	-4,594.74	6,385.67	6,193.20	192.47	33.177		
18,900.00	7,151.95	13,480.77	7,262.00	341.53	171.24	-93.12	-3,022.21	-4,594.74	6,479.13	6,287.92	191.21	33.884		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 31C-14-S - Plan #1 - Plan #1												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1												<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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
18,920.23	7,152.00	13,480.77	7,262.00	342.10	171.24	-93.12	-3,022.21	-4,594.74	6,498.07	6,307.10	190.96	34.028	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.53	-135.16	-1.11	135.17					
100.00	100.00	100.00	100.00	3.28	3.28	-179.53	-135.16	-1.11	135.17	128.60	6.57	20.575		
200.00	200.00	200.00	200.00	3.34	3.34	-179.53	-135.16	-1.11	135.17	128.49	6.67	20.253		
300.00	299.98	299.98	299.98	3.44	3.44	61.13	-135.16	-1.11	134.31	127.43	6.89	19.505		
400.00	399.84	399.96	399.94	3.60	3.59	62.72	-136.60	-0.40	133.32	126.13	7.19	18.546		
418.52	418.31	413.74	413.71	3.63	3.62	63.08	-137.18	-0.10	133.30	126.04	7.26	18.371	CC, ES	
500.00	499.45	491.96	491.82	3.80	3.77	64.89	-140.91	1.76	133.81	126.23	7.58	17.644		
600.00	598.70	587.93	587.44	4.04	3.99	67.56	-148.10	5.34	135.94	127.87	8.06	16.859		
700.00	697.47	683.81	682.66	4.33	4.25	70.60	-158.13	10.35	139.87	131.26	8.61	16.237		
800.00	795.62	779.56	777.32	4.65	4.53	73.87	-171.00	16.76	145.78	136.55	9.23	15.795		
865.50	859.53	842.18	838.95	4.89	4.73	76.06	-180.94	21.72	150.79	141.12	9.67	15.600		
900.00	893.10	875.15	871.29	5.02	4.85	77.20	-186.65	24.57	153.84	143.94	9.90	15.533		
1,000.00	990.42	970.63	964.52	5.41	5.20	79.71	-205.08	33.76	164.54	153.91	10.63	15.480		
1,100.00	1,087.73	1,065.87	1,056.78	5.83	5.58	81.13	-226.23	44.31	177.69	166.29	11.40	15.587		
1,200.00	1,185.05	1,160.65	1,147.76	6.27	5.98	81.63	-249.98	56.16	193.07	180.86	12.20	15.820		
1,300.00	1,282.36	1,254.76	1,237.19	6.72	6.42	81.40	-276.22	69.25	210.58	197.54	13.03	16.156		
1,400.00	1,379.67	1,348.03	1,324.81	7.18	6.89	80.63	-304.80	83.50	230.22	216.33	13.88	16.583		
1,500.00	1,476.99	1,440.26	1,410.39	7.65	7.38	79.46	-335.56	98.85	252.04	237.30	14.74	17.096		
1,600.00	1,574.30	1,531.28	1,493.72	8.13	7.89	78.03	-368.32	115.19	276.13	260.52	15.60	17.695		
1,700.00	1,671.61	1,621.50	1,575.13	8.62	8.44	76.44	-403.10	132.54	302.54	286.08	16.47	18.371		
1,800.00	1,768.93	1,717.26	1,661.00	9.11	9.05	74.86	-441.03	151.45	330.10	312.68	17.42	18.954		
1,900.00	1,866.24	1,813.02	1,746.87	9.60	9.67	73.53	-478.96	170.37	357.85	339.47	18.38	19.473		
2,000.00	1,963.56	1,908.78	1,832.74	10.10	10.31	72.38	-516.88	189.29	385.76	366.41	19.35	19.935		
2,100.00	2,060.87	2,004.54	1,918.62	10.61	10.95	71.39	-554.81	208.21	413.79	393.45	20.33	20.349		
2,200.00	2,158.18	2,100.30	2,004.49	11.11	11.61	70.53	-592.74	227.13	441.92	420.59	21.33	20.720		
2,300.00	2,255.50	2,203.94	2,090.36	11.62	12.33	69.77	-630.67	246.04	470.13	447.75	22.38	21.010		
2,400.00	2,352.81	2,308.17	2,176.23	12.13	13.06	69.09	-668.59	264.96	498.41	474.97	23.44	21.267		
2,500.00	2,450.13	2,387.59	2,262.10	12.65	13.63	68.49	-706.52	283.88	526.74	502.39	24.35	21.629		
2,600.00	2,547.44	2,483.35	2,347.97	13.16	14.31	67.95	-744.45	302.80	555.13	529.75	25.37	21.877		
2,700.00	2,644.75	2,579.11	2,433.84	13.68	14.99	67.46	-782.38	321.72	583.56	557.16	26.40	22.104		
2,800.00	2,742.07	2,674.87	2,519.71	14.20	15.68	67.01	-820.30	340.64	612.02	584.59	27.43	22.312		
2,900.00	2,839.38	2,770.63	2,605.58	14.71	16.38	66.61	-858.23	359.55	640.51	612.05	28.46	22.503		
3,000.00	2,936.70	2,866.39	2,691.45	15.23	17.07	66.24	-896.16	378.47	669.03	639.53	29.50	22.678		
3,100.00	3,034.01	2,962.15	2,777.32	15.76	17.77	65.90	-934.09	397.39	697.57	667.03	30.54	22.840		
3,200.00	3,131.32	3,057.91	2,863.19	16.28	18.47	65.58	-972.01	416.31	726.14	694.55	31.58	22.990		
3,300.00	3,228.64	3,153.67	2,949.06	16.80	19.17	65.30	-1,009.94	435.23	754.72	722.09	32.63	23.129		
3,400.00	3,325.95	3,249.44	3,034.93	17.32	19.88	65.03	-1,047.87	454.15	783.32	749.64	33.68	23.258		
3,500.00	3,423.26	3,345.20	3,120.80	17.85	20.58	64.78	-1,085.80	473.06	811.93	777.20	34.73	23.379		
3,600.00	3,520.58	3,440.96	3,206.68	18.37	21.29	64.54	-1,123.72	491.98	840.56	804.78	35.78	23.491		
3,700.00	3,617.89	3,536.72	3,292.55	18.90	22.00	64.33	-1,161.65	510.90	869.20	832.36	36.84	23.596		
3,800.00	3,715.21	3,632.48	3,378.42	19.43	22.71	64.12	-1,199.58	529.82	897.85	859.96	37.89	23.695		
3,900.00	3,812.52	3,728.24	3,464.29	19.95	23.42	63.93	-1,237.51	548.74	926.51	887.56	38.95	23.787		
4,000.00	3,909.83	3,824.00	3,550.16	20.48	24.13	63.75	-1,275.43	567.66	955.17	915.17	40.01	23.874		
4,100.00	4,007.15	3,919.76	3,636.03	21.01	24.84	63.59	-1,313.36	586.57	983.85	942.78	41.07	23.956		
4,200.00	4,104.46	4,015.52	3,721.90	21.53	25.55	63.43	-1,351.29	605.49	1,012.53	970.40	42.13	24.033		
4,300.00	4,201.78	4,111.29	3,807.77	22.06	26.27	63.28	-1,389.22	624.41	1,041.23	998.03	43.19	24.106		
4,400.00	4,299.09	4,207.05	3,893.64	22.59	26.98	63.13	-1,427.15	643.33	1,069.92	1,025.66	44.26	24.175		
4,500.00	4,396.40	4,302.81	3,979.51	23.12	27.70	63.00	-1,465.07	662.25	1,098.62	1,053.30	45.32	24.241		
4,600.00	4,493.72	4,401.43	4,065.38	23.65	28.43	62.87	-1,503.00	681.16	1,127.33	1,080.93	46.40	24.294		
4,700.00	4,591.03	4,505.67	4,151.25	24.18	29.21	62.75	-1,540.93	700.08	1,156.04	1,108.52	47.52	24.326		
4,800.00	4,688.34	4,609.91	4,237.12	24.71	29.99	62.63	-1,578.86	719.00	1,184.76	1,136.12	48.64	24.356		
4,900.00	4,785.66	4,685.85	4,322.99	25.24	30.56	62.52	-1,616.78	737.92	1,213.48	1,163.89	49.59	24.471		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,882.97	4,781.61	4,408.87	25.77	31.28	62.42	-1,654.71	756.84	1,242.21	1,191.55	50.66	24.522		
5,100.00	4,980.29	4,877.37	4,494.74	26.30	32.00	62.32	-1,692.64	775.76	1,270.94	1,219.21	51.73	24.570		
5,200.00	5,077.60	4,973.13	4,580.61	26.83	32.72	62.22	-1,730.57	794.67	1,299.67	1,246.87	52.80	24.616		
5,300.00	5,174.91	5,068.90	4,666.48	27.36	33.43	62.13	-1,768.49	813.59	1,328.41	1,274.54	53.87	24.661		
5,400.00	5,272.23	5,164.66	4,752.35	27.89	34.15	62.04	-1,806.42	832.51	1,357.14	1,302.21	54.94	24.703		
5,500.00	5,369.54	5,260.42	4,838.22	28.42	34.87	61.95	-1,844.35	851.43	1,385.89	1,329.88	56.01	24.743		
5,600.00	5,466.86	5,356.18	4,924.09	28.95	35.59	61.87	-1,882.28	870.35	1,414.63	1,357.55	57.08	24.782		
5,700.00	5,564.17	5,451.94	5,009.96	29.48	36.31	61.80	-1,920.20	889.27	1,443.38	1,385.22	58.16	24.819		
5,800.00	5,661.48	5,547.70	5,095.83	30.01	37.03	61.72	-1,958.13	908.18	1,472.13	1,412.90	59.23	24.855		
5,900.00	5,758.80	5,643.46	5,181.70	30.54	37.75	61.65	-1,996.06	927.10	1,500.88	1,440.57	60.30	24.889		
6,000.00	5,856.11	5,739.22	5,267.57	31.07	38.47	61.58	-2,033.99	946.02	1,529.63	1,468.25	61.38	24.922		
6,100.00	5,953.43	5,834.98	5,353.44	31.61	39.19	61.51	-2,071.91	964.94	1,558.39	1,495.93	62.45	24.954		
6,200.00	6,050.74	5,930.75	5,439.31	32.14	39.91	61.45	-2,109.84	983.86	1,587.14	1,523.62	63.53	24.984		
6,300.00	6,148.05	6,026.51	5,525.18	32.67	40.63	61.39	-2,147.77	1,002.78	1,615.90	1,551.30	64.60	25.013		
6,400.00	6,245.37	6,122.27	5,611.05	33.20	41.36	61.33	-2,185.70	1,021.69	1,644.66	1,578.98	65.68	25.041		
6,500.00	6,342.68	6,218.03	5,696.93	33.73	42.08	61.27	-2,223.62	1,040.61	1,673.42	1,606.67	66.75	25.069		
6,520.81	6,362.93	6,237.95	5,714.79	33.85	42.23	61.26	-2,231.52	1,044.55	1,679.41	1,612.43	66.98	25.074		
6,550.00	6,391.46	6,265.89	5,739.84	34.00	42.44	55.68	-2,242.58	1,050.07	1,687.81	1,620.53	67.28	25.085		
6,600.00	6,440.79	6,313.50	5,782.53	34.23	42.80	37.93	-2,261.44	1,059.47	1,702.19	1,634.42	67.76	25.119		
6,650.00	6,490.44	6,360.57	5,824.74	34.43	43.15	3.79	-2,280.08	1,068.77	1,716.51	1,648.32	68.19	25.172		
6,700.00	6,540.10	6,406.81	5,866.21	34.60	43.50	-31.44	-2,298.39	1,077.91	1,730.74	1,662.17	68.57	25.241		
6,750.00	6,589.46	6,451.93	5,906.67	34.76	43.84	-50.50	-2,316.26	1,086.82	1,744.88	1,675.97	68.91	25.320		
6,800.00	6,638.22	6,504.35	5,945.88	34.92	44.24	-59.87	-2,333.58	1,095.46	1,758.94	1,689.65	69.28	25.388		
6,850.00	6,686.09	6,557.71	5,983.59	35.07	44.49	-64.95	-2,350.24	1,103.77	1,772.94	1,703.41	69.52	25.501		
6,900.00	6,732.75	6,577.85	6,019.58	35.24	44.79	-67.97	-2,366.14	1,111.70	1,786.93	1,717.13	69.80	25.601		
6,950.00	6,777.94	6,615.81	6,053.63	35.42	45.08	-69.87	-2,381.17	1,119.20	1,800.97	1,730.91	70.06	25.706		
7,000.00	6,821.36	6,651.37	6,085.51	35.61	45.34	-71.08	-2,395.26	1,126.22	1,815.10	1,744.79	70.31	25.817		
7,050.00	6,862.75	6,684.30	6,115.04	35.83	45.59	-71.83	-2,408.30	1,132.73	1,829.39	1,758.84	70.54	25.932		
7,100.00	6,901.85	6,714.41	6,142.04	36.06	45.82	-72.23	-2,420.22	1,138.68	1,843.89	1,773.11	70.78	26.052		
7,150.00	6,938.43	6,741.50	6,166.33	36.32	46.02	-72.35	-2,430.95	1,144.03	1,858.64	1,787.64	71.01	26.176		
7,200.00	6,972.26	6,765.41	6,187.77	36.61	46.20	-72.22	-2,440.42	1,148.75	1,873.70	1,802.46	71.24	26.302		
7,250.00	7,003.13	6,785.99	6,206.23	36.93	46.36	-71.87	-2,448.57	1,152.82	1,889.08	1,817.60	71.48	26.429		
7,300.00	7,030.85	6,803.12	6,221.59	37.29	46.49	-71.31	-2,455.36	1,156.20	1,904.79	1,833.07	71.72	26.557		
7,350.00	7,055.25	6,816.68	6,233.75	37.68	46.59	-70.54	-2,460.73	1,158.88	1,920.82	1,848.84	71.98	26.685		
7,400.00	7,076.17	6,826.61	6,242.65	38.12	46.67	-69.58	-2,464.66	1,160.84	1,937.14	1,864.89	72.25	26.811		
7,450.00	7,093.50	6,832.82	6,248.22	38.60	46.71	-68.44	-2,467.12	1,162.07	1,953.70	1,881.16	72.53	26.935		
7,500.00	7,107.11	6,835.29	6,250.44	39.11	46.73	-67.12	-2,468.10	1,162.56	1,970.42	1,897.60	72.83	27.056		
7,550.00	7,116.94	6,834.01	6,249.29	39.66	46.72	-65.65	-2,467.59	1,162.30	1,987.23	1,914.10	73.13	27.174		
7,600.00	7,122.91	6,828.97	6,244.77	40.24	46.68	-64.04	-2,465.60	1,161.31	2,003.99	1,930.56	73.44	27.289		
7,650.18	7,125.00	6,820.17	6,236.88	40.85	46.62	-62.31	-2,462.11	1,159.57	2,020.66	1,946.91	73.74	27.401		
7,700.00	7,125.12	6,809.60	6,227.40	41.48	46.54	-62.00	-2,457.92	1,157.48	2,037.58	1,963.52	74.06	27.512		
7,800.00	7,125.36	6,788.37	6,208.36	42.88	46.38	-61.38	-2,449.52	1,153.29	2,074.60	1,999.82	74.78	27.744		
7,900.00	7,125.60	6,784.06	6,201.33	44.42	53.04	-88.52	-2,825.29	313.48	2,091.07	1,998.93	92.15	22.693		
8,000.00	7,125.84	6,847.98	7,071.85	46.10	53.96	-88.53	-2,824.99	213.57	2,095.08	1,999.63	95.45	21.948		
8,100.00	7,126.08	8,547.90	7,072.37	47.89	55.06	-88.54	-2,824.70	113.65	2,099.09	2,000.11	98.98	21.206		
8,200.00	7,126.32	8,647.82	7,072.89	49.79	56.32	-88.55	-2,824.41	13.73	2,103.11	2,000.39	102.71	20.476		
8,300.00	7,126.56	8,747.74	7,073.42	51.79	57.75	-88.56	-2,824.12	-86.18	2,107.12	2,000.50	106.62	19.764		
8,400.00	7,126.80	8,847.66	7,073.94	53.86	59.33	-88.57	-2,823.82	-186.10	2,111.13	2,000.45	110.68	19.075		
8,500.00	7,127.04	8,947.58	7,074.46	56.00	61.05	-88.58	-2,823.53	-286.02	2,115.14	2,000.26	114.88	18.411		
8,600.00	7,127.28	9,047.50	7,074.98	58.21	62.88	-88.59	-2,823.24	-385.93	2,119.15	1,999.94	119.21	17.776		
8,689.38	7,127.49	9,136.81	7,075.45	60.24	64.61	-88.60	-2,822.98	-475.24	2,122.73	1,999.56	123.18	17.233		
8,700.00	7,127.52	9,147.42	7,075.51	60.48	64.82	-88.60	-2,822.95	-485.85	2,123.14	1,999.49	123.66	17.170		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	9,247.39	7,076.03	62.79	66.85	-88.61	-2,822.65	-585.83	2,125.04	1,996.84	128.20	16.576		
8,841.07	7,127.85	9,288.46	7,076.24	63.74	67.71	-88.61	-2,822.53	-626.90	2,124.81	1,994.72	130.08	16.334		
8,900.00	7,128.00	9,347.39	7,076.55	65.12	68.96	-88.61	-2,822.36	-685.82	2,124.05	1,991.23	132.82	15.992		
9,000.00	7,128.23	9,447.38	7,077.08	67.50	71.14	-88.62	-2,822.07	-785.81	2,122.77	1,985.25	137.52	15.436		
9,100.00	7,128.47	9,547.37	7,077.60	69.91	73.37	-88.62	-2,821.77	-885.80	2,121.49	1,979.19	142.30	14.908		
9,200.00	7,128.71	9,647.36	7,078.12	72.35	75.66	-88.63	-2,821.48	-985.79	2,120.21	1,973.06	147.15	14.409		
9,300.00	7,128.95	9,747.35	7,078.64	74.83	78.00	-88.64	-2,821.19	-1,085.78	2,118.93	1,966.87	152.05	13.935		
9,400.00	7,129.19	9,847.34	7,079.17	77.33	80.37	-88.64	-2,820.90	-1,185.77	2,117.65	1,960.63	157.01	13.487		
9,500.00	7,129.43	9,947.33	7,079.69	79.86	82.78	-88.65	-2,820.60	-1,285.76	2,116.36	1,954.34	162.02	13.062		
9,600.00	7,129.67	10,047.33	7,080.21	82.41	85.23	-88.66	-2,820.31	-1,385.75	2,115.08	1,948.00	167.08	12.659		
9,700.00	7,129.91	10,147.32	7,080.74	84.97	87.70	-88.67	-2,820.02	-1,485.74	2,113.80	1,941.63	172.18	12.277		
9,800.00	7,130.15	10,247.31	7,081.26	87.56	90.20	-88.67	-2,819.73	-1,585.73	2,112.52	1,935.21	177.31	11.914		
9,900.00	7,130.39	10,347.30	7,081.78	90.16	92.72	-88.68	-2,819.43	-1,685.72	2,111.24	1,928.76	182.48	11.570		
10,000.00	7,130.63	10,447.29	7,082.31	92.78	95.26	-88.69	-2,819.14	-1,785.71	2,109.96	1,922.28	187.68	11.242		
10,100.00	7,130.87	10,547.28	7,082.83	95.41	97.82	-88.69	-2,818.85	-1,885.70	2,108.68	1,915.77	192.91	10.931		
10,200.00	7,131.11	10,647.27	7,083.35	98.06	100.41	-88.70	-2,818.55	-1,985.69	2,107.40	1,909.23	198.17	10.635		
10,300.00	7,131.35	10,747.27	7,083.87	100.71	103.00	-88.71	-2,818.26	-2,085.67	2,106.12	1,902.67	203.45	10.352		
10,400.00	7,131.59	10,847.26	7,084.40	103.38	105.61	-88.71	-2,817.97	-2,185.66	2,104.84	1,896.09	208.75	10.083		
10,500.00	7,131.83	10,947.25	7,084.92	106.06	108.24	-88.72	-2,817.68	-2,285.65	2,103.56	1,889.48	214.08	9.826		
10,600.00	7,132.07	11,047.24	7,085.44	108.74	110.88	-88.73	-2,817.38	-2,385.64	2,102.28	1,882.86	219.42	9.581		
10,700.00	7,132.31	11,147.23	7,085.97	111.44	113.53	-88.73	-2,817.09	-2,485.63	2,101.00	1,876.21	224.78	9.347		
10,800.00	7,132.55	11,247.22	7,086.49	114.14	116.19	-88.74	-2,816.80	-2,585.62	2,099.72	1,869.55	230.16	9.123		
10,900.00	7,132.79	11,347.22	7,087.01	116.85	118.86	-88.75	-2,816.51	-2,685.61	2,098.43	1,862.88	235.56	8.908		
11,000.00	7,133.03	11,447.21	7,087.54	119.57	121.53	-88.76	-2,816.21	-2,785.60	2,097.15	1,856.19	240.97	8.703		
11,100.00	7,133.27	11,547.20	7,088.06	122.29	124.22	-88.76	-2,815.92	-2,885.59	2,095.87	1,849.48	246.39	8.506		
11,200.00	7,133.51	11,647.19	7,088.58	125.02	126.92	-88.77	-2,815.63	-2,985.58	2,094.59	1,842.76	251.83	8.317		
11,300.00	7,133.74	11,747.18	7,089.10	127.76	129.62	-88.78	-2,815.33	-3,085.57	2,093.31	1,836.03	257.28	8.136		
11,400.00	7,133.98	11,847.17	7,089.63	130.50	132.33	-88.78	-2,815.04	-3,185.56	2,092.03	1,829.29	262.74	7.962		
11,500.00	7,134.22	11,947.16	7,090.15	133.24	135.05	-88.79	-2,814.75	-3,285.55	2,090.75	1,822.54	268.21	7.795		
11,600.00	7,134.46	12,047.16	7,090.67	135.99	137.77	-88.80	-2,814.46	-3,385.54	2,089.47	1,815.78	273.69	7.634		
11,700.00	7,134.70	12,147.15	7,091.20	138.75	140.50	-88.80	-2,814.16	-3,485.53	2,088.19	1,809.01	279.18	7.480		
11,800.00	7,134.94	12,247.14	7,091.72	141.51	143.23	-88.81	-2,813.87	-3,585.52	2,086.91	1,802.23	284.68	7.331		
11,900.00	7,135.18	12,347.13	7,092.24	144.27	145.97	-88.82	-2,813.58	-3,685.51	2,085.63	1,795.44	290.19	7.187		
12,000.00	7,135.42	12,447.12	7,092.77	147.03	148.72	-88.83	-2,813.29	-3,785.50	2,084.35	1,788.65	295.70	7.049		
12,100.00	7,135.66	12,547.11	7,093.29	149.80	151.46	-88.83	-2,812.99	-3,885.49	2,083.07	1,781.84	301.23	6.915		
12,200.00	7,135.90	12,647.10	7,093.81	152.58	154.22	-88.84	-2,812.70	-3,985.48	2,081.79	1,775.03	306.76	6.786		
12,300.00	7,136.14	12,747.10	7,094.34	155.35	156.97	-88.85	-2,812.41	-4,085.47	2,080.51	1,768.22	312.29	6.662		
12,400.00	7,136.38	12,847.09	7,094.86	158.13	159.73	-88.85	-2,812.11	-4,185.46	2,079.23	1,761.39	317.84	6.542		
12,500.00	7,136.62	12,947.08	7,095.38	160.91	162.50	-88.86	-2,811.82	-4,285.45	2,077.95	1,754.56	323.39	6.426		
12,600.00	7,136.86	13,047.07	7,095.90	163.70	165.26	-88.87	-2,811.53	-4,385.44	2,076.67	1,747.73	328.94	6.313		
12,700.00	7,137.10	13,147.06	7,096.43	166.48	168.03	-88.88	-2,811.24	-4,485.43	2,075.39	1,740.89	334.50	6.204		
12,800.00	7,137.34	13,247.05	7,096.95	169.27	170.81	-88.88	-2,810.94	-4,585.42	2,074.11	1,734.05	340.07	6.099		
12,836.10	7,137.42	13,256.62	7,097.00	170.28	171.07	-88.88	-2,810.92	-4,594.98	2,073.82	1,732.63	341.19	6.078		
12,900.00	7,137.58	13,256.62	7,097.00	172.06	171.07	-88.88	-2,810.92	-4,594.98	2,074.80	1,732.40	342.40	6.060		
13,000.00	7,137.82	13,256.62	7,097.00	174.86	171.07	-88.88	-2,810.92	-4,594.98	2,080.29	1,736.61	343.68	6.053 SF		
13,100.00	7,138.06	13,256.62	7,097.00	177.65	171.07	-88.88	-2,810.92	-4,594.98	2,090.54	1,746.33	344.21	6.073		
13,200.00	7,138.30	13,256.62	7,097.00	180.45	171.07	-88.88	-2,810.92	-4,594.98	2,105.50	1,761.48	344.02	6.120		
13,300.00	7,138.54	13,256.62	7,097.00	183.25	171.07	-88.88	-2,810.92	-4,594.98	2,125.07	1,781.94	343.13	6.193		
13,400.00	7,138.78	13,256.62	7,097.00	186.05	171.07	-88.88	-2,810.92	-4,594.98	2,149.12	1,807.52	341.59	6.291		
13,500.00	7,139.02	13,256.62	7,097.00	188.85	171.07	-88.88	-2,810.92	-4,594.98	2,177.49	1,838.04	339.46	6.415		
13,600.00	7,139.25	13,256.62	7,097.00	191.65	171.07	-88.88	-2,810.92	-4,594.98	2,210.04	1,873.25	336.78	6.562		
13,700.00	7,139.49	13,256.62	7,097.00	194.46	171.07	-88.88	-2,810.92	-4,594.98	2,246.56	1,912.92	333.64	6.733		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 31N-14B-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,139.73	13,256.62	7,097.00	197.27	171.07	-88.88	-2,810.92	-4,594.98	2,286.88	1,956.78	330.09	6.928		
13,900.00	7,139.97	13,256.62	7,097.00	200.08	171.07	-88.88	-2,810.92	-4,594.98	2,330.79	2,004.59	326.21	7.145		
14,000.00	7,140.21	13,256.62	7,097.00	202.89	171.07	-88.88	-2,810.92	-4,594.98	2,378.10	2,056.06	322.04	7.384		
14,100.00	7,140.45	13,256.62	7,097.00	205.70	171.07	-88.88	-2,810.92	-4,594.98	2,428.61	2,110.95	317.66	7.645		
14,200.00	7,140.69	13,256.62	7,097.00	208.51	171.07	-88.88	-2,810.92	-4,594.98	2,482.12	2,169.00	313.12	7.927		
14,300.00	7,140.93	13,256.62	7,097.00	211.32	171.07	-88.88	-2,810.92	-4,594.98	2,538.45	2,229.98	308.46	8.229		
14,400.00	7,141.17	13,256.62	7,097.00	214.14	171.07	-88.88	-2,810.92	-4,594.98	2,597.40	2,293.66	303.74	8.551		
14,500.00	7,141.41	13,256.62	7,097.00	216.95	171.07	-88.88	-2,810.92	-4,594.98	2,658.81	2,359.83	298.98	8.893		
14,600.00	7,141.65	13,256.62	7,097.00	219.77	171.07	-88.88	-2,810.92	-4,594.98	2,722.51	2,428.28	294.22	9.253		
14,700.00	7,141.89	13,256.62	7,097.00	222.59	171.07	-88.88	-2,810.92	-4,594.98	2,788.34	2,498.84	289.50	9.632		
14,800.00	7,142.13	13,256.62	7,097.00	225.41	171.07	-88.88	-2,810.92	-4,594.98	2,856.15	2,571.33	284.82	10.028		
14,900.00	7,142.37	13,256.62	7,097.00	228.23	171.07	-88.88	-2,810.92	-4,594.98	2,925.81	2,645.59	280.22	10.441		
15,000.00	7,142.61	13,256.62	7,097.00	231.05	171.07	-88.88	-2,810.92	-4,594.98	2,997.19	2,721.49	275.70	10.871		
15,100.00	7,142.85	13,256.62	7,097.00	233.87	171.07	-88.88	-2,810.92	-4,594.98	3,070.17	2,798.89	271.28	11.317		
15,200.00	7,143.09	13,256.62	7,097.00	236.69	171.07	-88.88	-2,810.92	-4,594.98	3,144.63	2,877.67	266.97	11.779		
15,300.00	7,143.33	13,256.62	7,097.00	239.52	171.07	-88.88	-2,810.92	-4,594.98	3,220.48	2,957.71	262.77	12.256		
15,400.00	7,143.57	13,256.62	7,097.00	242.34	171.07	-88.88	-2,810.92	-4,594.98	3,297.62	3,038.93	258.69	12.748		
15,500.00	7,143.81	13,256.62	7,097.00	245.17	171.07	-88.88	-2,810.92	-4,594.98	3,375.95	3,121.22	254.73	13.253		
15,600.00	7,144.05	13,256.62	7,097.00	247.99	171.07	-88.88	-2,810.92	-4,594.98	3,455.40	3,204.51	250.89	13.773		
15,700.00	7,144.29	13,256.62	7,097.00	250.82	171.07	-88.88	-2,810.92	-4,594.98	3,535.90	3,288.72	247.18	14.305		
15,800.00	7,144.53	13,256.62	7,097.00	253.64	171.07	-88.88	-2,810.92	-4,594.98	3,617.37	3,373.78	243.59	14.850		
15,900.00	7,144.76	13,256.62	7,097.00	256.47	171.07	-88.88	-2,810.92	-4,594.98	3,699.75	3,459.63	240.12	15.408		
16,000.00	7,145.00	13,256.62	7,097.00	259.30	171.07	-88.88	-2,810.92	-4,594.98	3,782.98	3,546.21	236.77	15.977		
16,100.00	7,145.24	13,256.62	7,097.00	262.13	171.07	-88.88	-2,810.92	-4,594.98	3,867.00	3,633.46	233.54	16.558		
16,200.00	7,145.48	13,256.62	7,097.00	264.96	171.07	-88.88	-2,810.92	-4,594.98	3,951.77	3,721.35	230.42	17.150		
16,300.00	7,145.72	13,256.62	7,097.00	267.79	171.07	-88.88	-2,810.92	-4,594.98	4,037.24	3,809.82	227.42	17.752		
16,400.00	7,145.96	13,256.62	7,097.00	270.62	171.07	-88.88	-2,810.92	-4,594.98	4,123.35	3,898.83	224.52	18.365		
16,500.00	7,146.20	13,256.62	7,097.00	273.45	171.07	-88.88	-2,810.92	-4,594.98	4,210.09	3,988.36	221.73	18.988		
16,600.00	7,146.44	13,256.62	7,097.00	276.28	171.07	-88.88	-2,810.92	-4,594.98	4,297.39	4,078.36	219.04	19.619		
16,700.00	7,146.68	13,256.62	7,097.00	279.12	171.07	-88.88	-2,810.92	-4,594.98	4,385.25	4,168.80	216.45	20.260		
16,800.00	7,146.92	13,256.62	7,097.00	281.95	171.07	-88.88	-2,810.92	-4,594.98	4,473.61	4,259.66	213.95	20.910		
16,900.00	7,147.16	13,256.62	7,097.00	284.78	171.07	-88.88	-2,810.92	-4,594.98	4,562.45	4,350.91	211.54	21.568		
17,000.00	7,147.40	13,256.62	7,097.00	287.62	171.07	-88.88	-2,810.92	-4,594.98	4,651.74	4,442.52	209.22	22.234		
17,100.00	7,147.64	13,256.62	7,097.00	290.45	171.07	-88.88	-2,810.92	-4,594.98	4,741.47	4,534.48	206.98	22.907		
17,200.00	7,147.88	13,256.62	7,097.00	293.28	171.07	-88.88	-2,810.92	-4,594.98	4,831.59	4,626.76	204.83	23.588		
17,300.00	7,148.12	13,256.62	7,097.00	296.12	171.07	-88.88	-2,810.92	-4,594.98	4,922.10	4,719.35	202.75	24.276		
17,400.00	7,148.36	13,256.62	7,097.00	298.95	171.07	-88.88	-2,810.92	-4,594.98	5,012.97	4,812.22	200.75	24.971		
17,500.00	7,148.60	13,256.62	7,097.00	301.79	171.07	-88.88	-2,810.92	-4,594.98	5,104.18	4,905.36	198.82	25.672		
17,600.00	7,148.84	13,256.62	7,097.00	304.63	171.07	-88.88	-2,810.92	-4,594.98	5,195.71	4,998.75	196.96	26.380		
17,700.00	7,149.08	13,256.62	7,097.00	307.46	171.07	-88.88	-2,810.92	-4,594.98	5,287.55	5,092.39	195.16	27.093		
17,800.00	7,149.32	13,256.62	7,097.00	310.30	171.07	-88.88	-2,810.92	-4,594.98	5,379.68	5,186.25	193.43	27.812		
17,900.00	7,149.56	13,256.62	7,097.00	313.14	171.07	-88.88	-2,810.92	-4,594.98	5,472.09	5,280.33	191.76	28.537		
18,000.00	7,149.80	13,256.62	7,097.00	315.98	171.07	-88.88	-2,810.92	-4,594.98	5,564.76	5,374.61	190.14	29.266		
18,100.00	7,150.04	13,256.62	7,097.00	318.81	171.07	-88.88	-2,810.92	-4,594.98	5,657.67	5,469.09	188.59	30.000		
18,200.00	7,150.27	13,256.62	7,097.00	321.65	171.07	-88.88	-2,810.92	-4,594.98	5,750.83	5,563.75	187.08	30.740		
18,300.00	7,150.51	13,256.62	7,097.00	324.49	171.07	-88.88	-2,810.92	-4,594.98	5,844.21	5,658.58	185.63	31.483		
18,400.00	7,150.75	13,256.62	7,097.00	327.33	171.07	-88.88	-2,810.92	-4,594.98	5,937.81	5,753.58	184.23	32.231		
18,500.00	7,150.99	13,256.62	7,097.00	330.17	171.07	-88.88	-2,810.92	-4,594.98	6,031.62	5,848.74	182.87	32.983		
18,600.00	7,151.23	13,256.62	7,097.00	333.01	171.07	-88.88	-2,810.92	-4,594.98	6,125.62	5,944.05	181.56	33.738		
18,700.00	7,151.47	13,256.62	7,097.00	335.85	171.07	-88.88	-2,810.92	-4,594.98	6,219.80	6,039.51	180.30	34.497		
18,800.00	7,151.71	13,256.62	7,097.00	338.69	171.07	-88.88	-2,810.92	-4,594.98	6,314.17	6,135.09	179.07	35.260		
18,900.00	7,151.95	13,256.62	7,097.00	341.53	171.07	-88.88	-2,810.92	-4,594.98	6,408.71	6,230.81	177.89	36.026		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 31N-14B-S - OH - Plan #1												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1												<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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
18,920.23	7,152.00	13,256.62	7,097.00	342.10	171.07	-88.88	-2,810.92	-4,594.98	6,427.85	6,250.20	177.66	36.181	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
0.00	0.00	0.00	0.00	3.28	3.28	0.46	104.91	0.83	104.92					
100.00	100.00	100.00	100.00	3.28	3.28	0.46	104.91	0.83	104.92	98.35	6.57	15.970		
200.00	200.00	200.00	200.00	3.34	3.34	0.46	104.91	0.83	104.92	98.24	6.67	15.720 CC, ES		
300.00	299.98	298.46	298.44	3.44	3.44	-119.50	105.61	2.37	106.50	99.61	6.88	15.469		
400.00	399.84	396.77	396.61	3.60	3.60	-119.35	107.71	6.98	111.25	104.05	7.20	15.458		
500.00	499.45	494.79	494.27	3.80	3.80	-119.14	111.18	14.63	119.15	111.54	7.60	15.670		
600.00	598.70	592.38	591.15	4.04	4.04	-118.86	116.01	25.26	130.18	122.08	8.09	16.085		
700.00	697.47	689.40	687.02	4.33	4.31	-118.55	122.17	38.80	144.31	135.65	8.66	16.671		
800.00	795.62	785.71	781.64	4.65	4.62	-118.21	129.60	55.16	161.51	152.22	9.29	17.394		
865.50	859.53	849.00	843.48	4.89	4.83	-118.01	135.15	67.38	174.37	164.64	9.73	17.923		
900.00	893.10	882.77	876.46	5.02	4.95	-118.09	138.17	74.02	181.39	171.41	9.97	18.190		
1,000.00	990.42	980.68	972.06	5.41	5.32	-118.31	146.93	93.28	201.72	191.02	10.71	18.841		
1,100.00	1,087.73	1,078.59	1,067.65	5.83	5.71	-118.49	155.68	112.55	222.06	210.58	11.48	19.339		
1,200.00	1,185.05	1,176.50	1,163.25	6.27	6.11	-118.63	164.43	131.81	242.40	230.11	12.29	19.721		
1,300.00	1,282.36	1,274.41	1,258.84	6.72	6.53	-118.76	173.19	151.07	262.74	249.62	13.13	20.015		
1,400.00	1,379.67	1,372.31	1,354.43	7.18	6.96	-118.86	181.94	170.33	283.09	269.10	13.99	20.241		
1,500.00	1,476.99	1,470.22	1,450.03	7.65	7.40	-118.96	190.70	189.59	303.43	288.57	14.86	20.416		
1,600.00	1,574.30	1,568.13	1,545.62	8.13	7.84	-119.04	199.45	208.86	323.77	308.02	15.75	20.551		
1,700.00	1,671.61	1,666.04	1,641.22	8.62	8.29	-119.11	208.20	228.12	344.12	327.46	16.66	20.656		
1,800.00	1,768.93	1,763.94	1,736.81	9.11	8.75	-119.17	216.96	247.38	364.46	346.89	17.57	20.738		
1,900.00	1,866.24	1,861.85	1,832.41	9.60	9.21	-119.23	225.71	266.64	384.81	366.31	18.50	20.801		
2,000.00	1,963.56	1,959.76	1,928.00	10.10	9.68	-119.28	234.47	285.90	405.16	385.72	19.43	20.849		
2,100.00	2,060.87	2,057.67	2,023.59	10.61	10.15	-119.33	243.22	305.17	425.50	405.13	20.37	20.886		
2,200.00	2,158.18	2,155.57	2,119.19	11.11	10.62	-119.37	251.97	324.43	445.85	424.53	21.32	20.914		
2,300.00	2,255.50	2,253.48	2,214.78	11.62	11.09	-119.40	260.73	343.69	466.20	443.93	22.27	20.935		
2,400.00	2,352.81	2,351.39	2,310.38	12.13	11.57	-119.44	269.48	362.95	486.54	463.32	23.22	20.950		
2,500.00	2,450.13	2,449.30	2,405.97	12.65	12.04	-119.47	278.23	382.21	506.89	482.71	24.18	20.960		
2,600.00	2,547.44	2,547.21	2,501.57	13.16	12.52	-119.50	286.99	401.47	527.24	502.09	25.15	20.967		
2,700.00	2,644.75	2,645.11	2,597.16	13.68	13.00	-119.53	295.74	420.74	547.58	521.47	26.11	20.971		
2,800.00	2,742.07	2,743.02	2,692.76	14.20	13.48	-119.55	304.50	440.00	567.93	540.85	27.08	20.972		
2,900.00	2,839.38	2,840.93	2,788.35	14.71	13.97	-119.58	313.25	459.26	588.28	560.23	28.05	20.971		
3,000.00	2,936.70	2,938.84	2,883.94	15.23	14.45	-119.60	322.00	478.52	608.63	579.60	29.03	20.969		
3,100.00	3,034.01	3,036.74	2,979.54	15.76	14.94	-119.62	330.76	497.78	628.97	598.97	30.00	20.965		
3,200.00	3,131.32	3,134.65	3,075.13	16.28	15.42	-119.64	339.51	517.05	649.32	618.34	30.98	20.960		
3,300.00	3,228.64	3,232.56	3,170.73	16.80	15.91	-119.66	348.26	536.31	669.67	637.71	31.96	20.955		
3,400.00	3,325.95	3,330.47	3,266.32	17.32	16.40	-119.68	357.02	555.57	690.02	657.08	32.94	20.949		
3,500.00	3,423.26	3,428.38	3,361.92	17.85	16.89	-119.69	365.77	574.83	710.37	676.44	33.92	20.942		
3,600.00	3,520.58	3,526.28	3,457.51	18.37	17.38	-119.71	374.53	594.09	730.71	695.81	34.90	20.935		
3,700.00	3,617.89	3,624.19	3,553.10	18.90	17.87	-119.72	383.28	613.36	751.06	715.17	35.89	20.928		
3,800.00	3,715.21	3,722.10	3,648.70	19.43	18.36	-119.74	392.03	632.62	771.41	734.54	36.87	20.920		
3,900.00	3,812.52	3,820.01	3,744.29	19.95	18.85	-119.75	400.79	651.88	791.76	753.90	37.86	20.913		
4,000.00	3,909.83	3,917.91	3,839.89	20.48	19.34	-119.76	409.54	671.14	812.11	773.26	38.85	20.905		
4,100.00	4,007.15	4,015.82	3,935.48	21.01	19.83	-119.77	418.30	690.40	832.45	792.62	39.84	20.897		
4,200.00	4,104.46	4,113.73	4,031.08	21.53	20.32	-119.78	427.05	709.67	852.80	811.98	40.83	20.889		
4,300.00	4,201.78	4,211.64	4,126.67	22.06	20.82	-119.79	435.80	728.93	873.15	831.33	41.82	20.881		
4,400.00	4,299.09	4,309.55	4,222.26	22.59	21.31	-119.80	444.56	748.19	893.50	850.69	42.81	20.873		
4,500.00	4,396.40	4,407.45	4,317.86	23.12	21.80	-119.81	453.31	767.45	913.85	870.05	43.80	20.866		
4,600.00	4,493.72	4,505.36	4,413.45	23.65	22.29	-119.82	462.06	786.71	934.19	889.41	44.79	20.858		
4,700.00	4,591.03	4,603.27	4,509.05	24.18	22.79	-119.83	470.82	805.97	954.54	908.76	45.78	20.850		
4,800.00	4,688.34	4,701.18	4,604.64	24.71	23.28	-119.84	479.57	825.24	974.89	928.12	46.77	20.843		
4,900.00	4,785.66	4,799.08	4,700.24	25.24	23.78	-119.85	488.33	844.50	995.24	947.47	47.77	20.835		
5,000.00	4,882.97	4,896.99	4,795.83	25.77	24.27	-119.86	497.08	863.76	1,015.59	966.83	48.76	20.828		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,980.29	5,005.10	4,891.42	26.30	24.82	-119.86	505.83	883.02	1,035.94	986.13	49.81	20.799		
5,200.00	5,077.60	5,092.81	4,987.02	26.83	25.26	-119.87	514.59	902.28	1,056.28	1,005.53	50.75	20.813		
5,300.00	5,174.91	5,209.29	5,082.61	27.36	25.85	-119.88	523.34	921.55	1,076.63	1,024.79	51.84	20.769		
5,400.00	5,272.23	5,288.62	5,178.21	27.89	26.25	-119.89	532.09	940.81	1,096.98	1,044.24	52.74	20.799		
5,500.00	5,369.54	5,386.53	5,273.80	28.42	26.74	-119.89	540.85	960.07	1,117.33	1,063.59	53.74	20.793		
5,600.00	5,466.86	5,484.44	5,369.40	28.95	27.24	-119.90	549.60	979.33	1,137.68	1,082.95	54.73	20.786		
5,700.00	5,564.17	5,582.35	5,464.99	29.48	27.73	-119.90	558.36	998.59	1,158.03	1,102.30	55.73	20.779		
5,800.00	5,661.48	5,680.25	5,560.58	30.01	28.23	-119.91	567.11	1,017.86	1,178.38	1,121.65	56.73	20.773		
5,900.00	5,758.80	5,778.16	5,656.18	30.54	28.73	-119.92	575.86	1,037.12	1,198.72	1,141.00	57.72	20.767		
6,000.00	5,856.11	5,876.07	5,751.77	31.07	29.22	-119.92	584.62	1,056.38	1,219.07	1,160.35	58.72	20.760		
6,100.00	5,953.43	5,973.98	5,847.37	31.61	29.72	-119.93	593.37	1,075.64	1,239.42	1,179.70	59.72	20.754		
6,200.00	6,050.74	6,071.88	5,942.96	32.14	30.21	-119.93	602.13	1,094.90	1,259.77	1,199.05	60.72	20.748		
6,300.00	6,148.05	6,169.79	6,038.56	32.67	30.71	-119.94	610.88	1,114.17	1,280.12	1,218.40	61.72	20.742		
6,400.00	6,245.37	6,267.70	6,134.15	33.20	31.21	-119.94	619.63	1,133.43	1,300.47	1,237.75	62.71	20.737		
6,500.00	6,342.68	6,365.61	6,229.75	33.73	31.70	-119.95	628.39	1,152.69	1,320.82	1,257.10	63.71	20.731		
6,520.81	6,362.93	6,385.98	6,249.64	33.85	31.81	-119.95	630.21	1,156.70	1,325.05	1,261.13	63.92	20.730		
6,550.00	6,391.46	6,414.56	6,277.54	34.00	31.95	-126.79	632.76	1,162.32	1,330.97	1,266.76	64.21	20.729		
6,600.00	6,440.79	6,463.35	6,325.18	34.23	32.20	-146.45	637.13	1,171.92	1,340.98	1,276.30	64.68	20.732		
6,650.00	6,490.44	6,511.70	6,372.39	34.43	32.44	177.81	641.45	1,181.43	1,350.82	1,285.69	65.13	20.740		
6,700.00	6,540.10	6,559.30	6,418.86	34.60	32.69	141.27	645.70	1,190.80	1,360.49	1,294.93	65.56	20.751		
6,750.00	6,589.46	6,605.86	6,464.32	34.76	32.92	121.17	649.87	1,199.96	1,370.04	1,304.06	65.98	20.763		
6,800.00	6,638.22	6,651.80	6,509.25	34.92	33.15	110.97	653.98	1,208.57	1,379.51	1,313.11	66.41	20.774		
6,850.00	6,686.09	6,699.12	6,556.00	35.07	33.37	105.19	658.26	1,214.43	1,388.91	1,322.08	66.84	20.781		
6,900.00	6,732.75	6,747.99	6,604.60	35.24	33.57	101.55	662.72	1,216.80	1,398.19	1,330.91	67.28	20.783		
6,950.00	6,777.94	6,798.62	6,654.98	35.42	33.76	99.11	667.34	1,215.31	1,407.28	1,339.55	67.73	20.778		
7,000.00	6,821.36	6,851.19	6,707.00	35.61	33.95	97.41	672.11	1,209.51	1,416.13	1,347.92	68.21	20.762		
7,050.00	6,862.75	6,905.92	6,760.46	35.83	34.15	96.19	677.02	1,198.91	1,424.67	1,355.95	68.72	20.731		
7,100.00	6,901.85	6,963.04	6,815.05	36.06	34.36	95.32	682.04	1,182.98	1,432.83	1,363.56	69.28	20.683		
7,150.00	6,938.43	7,022.75	6,870.37	36.32	34.60	94.72	687.12	1,161.15	1,440.54	1,370.66	69.87	20.617		
7,200.00	6,972.26	7,085.26	6,925.83	36.61	34.87	94.31	692.23	1,132.82	1,447.69	1,377.18	70.51	20.530		
7,250.00	7,003.13	7,150.74	6,980.67	36.93	35.17	94.06	697.28	1,097.45	1,454.21	1,383.00	71.21	20.421		
7,300.00	7,030.85	7,219.30	7,033.89	37.29	35.54	93.95	702.18	1,054.55	1,460.00	1,388.03	71.98	20.284		
7,350.00	7,055.25	7,290.98	7,084.28	37.68	35.97	93.93	706.84	1,003.85	1,464.97	1,392.14	72.83	20.116		
7,400.00	7,076.17	7,365.68	7,130.41	38.12	36.49	93.98	711.10	945.30	1,469.00	1,395.22	73.78	19.910		
7,450.00	7,093.50	7,443.17	7,170.71	38.60	37.11	94.09	714.84	879.28	1,472.01	1,397.15	74.86	19.663		
7,500.00	7,107.11	7,523.03	7,203.57	39.11	37.85	94.23	717.89	806.61	1,473.91	1,397.82	76.09	19.370		
7,550.00	7,116.94	7,604.71	7,227.54	39.66	38.69	94.38	720.14	728.61	1,474.64	1,397.17	77.47	19.035		
7,600.00	7,122.91	7,687.49	7,241.49	40.24	39.64	94.53	721.47	647.09	1,474.15	1,395.16	78.99	18.662		
7,650.18	7,125.00	7,763.88	7,245.02	40.85	40.57	94.67	721.84	570.83	1,472.44	1,391.90	80.54	18.283		
7,700.00	7,125.12	7,813.66	7,245.10	41.48	41.23	94.68	721.88	521.05	1,470.33	1,388.47	81.86	17.962		
7,800.00	7,125.36	7,913.57	7,245.28	42.88	42.64	94.69	721.95	421.14	1,466.11	1,381.38	84.73	17.304		
7,900.00	7,125.60	8,013.48	7,245.46	44.42	44.19	94.70	722.03	321.23	1,461.88	1,374.01	87.87	16.637		
8,000.00	7,125.84	8,113.39	7,245.63	46.10	45.88	94.71	722.11	221.32	1,457.66	1,366.39	91.27	15.971		
8,100.00	7,126.08	8,213.30	7,245.81	47.89	47.67	94.72	722.19	121.41	1,453.43	1,358.55	94.88	15.318		
8,200.00	7,126.32	8,313.21	7,245.99	49.79	49.56	94.74	722.26	21.50	1,449.21	1,350.51	98.70	14.683		
8,300.00	7,126.56	8,413.12	7,246.17	51.79	51.55	94.75	722.34	-78.41	1,444.98	1,342.29	102.69	14.072		
8,400.00	7,126.80	8,513.03	7,246.34	53.86	53.61	94.76	722.42	-178.32	1,440.76	1,333.92	106.83	13.486		
8,500.00	7,127.04	8,612.94	7,246.52	56.00	55.75	94.77	722.50	-278.23	1,436.53	1,325.41	111.12	12.928		
8,600.00	7,127.28	8,712.85	7,246.70	58.21	57.94	94.78	722.57	-378.14	1,432.31	1,316.78	115.53	12.398		
8,689.38	7,127.49	8,802.15	7,246.85	60.24	59.95	94.79	722.64	-467.45	1,428.53	1,308.97	119.56	11.949		
8,700.00	7,127.52	8,812.76	7,246.87	60.48	60.20	94.79	722.65	-478.05	1,428.10	1,308.06	120.04	11.897		
8,800.00	7,127.76	8,912.73	7,247.05	62.79	62.50	94.80	722.73	-578.03	1,425.98	1,301.33	124.65	11.440		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,810.87	7,127.78	8,923.61	7,247.07	63.04	62.76	94.80	722.74	-588.90	1,425.96	1,300.80	125.16	11.393		
8,841.07	7,127.85	8,953.80	7,247.12	63.74	63.46	94.80	722.76	-619.09	1,426.12	1,299.55	126.57	11.267		
8,900.00	7,128.00	9,012.73	7,247.23	65.12	64.85	94.80	722.81	-678.02	1,426.74	1,297.40	129.34	11.031		
9,000.00	7,128.23	9,112.72	7,247.41	67.50	67.24	94.79	722.88	-778.02	1,427.79	1,293.68	134.11	10.646		
9,100.00	7,128.47	9,212.72	7,247.58	69.91	69.66	94.78	722.96	-878.01	1,428.84	1,289.89	138.95	10.283		
9,200.00	7,128.71	9,312.71	7,247.76	72.35	72.12	94.78	723.04	-978.00	1,429.89	1,286.04	143.85	9.940		
9,300.00	7,128.95	9,412.71	7,247.94	74.83	74.60	94.77	723.12	-1,078.00	1,430.94	1,282.13	148.81	9.616		
9,400.00	7,129.19	9,512.70	7,248.11	77.33	77.12	94.77	723.19	-1,177.99	1,431.99	1,278.17	153.82	9.309		
9,500.00	7,129.43	9,612.70	7,248.29	79.86	79.65	94.76	723.27	-1,277.99	1,433.04	1,274.17	158.88	9.020		
9,600.00	7,129.67	9,712.69	7,248.47	82.41	82.21	94.75	723.35	-1,377.98	1,434.09	1,270.12	163.98	8.746		
9,700.00	7,129.91	9,812.69	7,248.65	84.97	84.78	94.75	723.43	-1,477.97	1,435.14	1,266.03	169.11	8.486		
9,800.00	7,130.15	9,912.68	7,248.82	87.56	87.38	94.74	723.50	-1,577.97	1,436.19	1,261.91	174.29	8.240		
9,900.00	7,130.39	10,012.67	7,249.00	90.16	89.98	94.74	723.58	-1,677.96	1,437.25	1,257.75	179.49	8.007		
10,000.00	7,130.63	10,112.67	7,249.18	92.78	92.61	94.73	723.66	-1,777.96	1,438.30	1,253.57	184.72	7.786		
10,100.00	7,130.87	10,212.66	7,249.35	95.41	95.25	94.72	723.74	-1,877.95	1,439.35	1,249.36	189.99	7.576		
10,200.00	7,131.11	10,312.66	7,249.53	98.06	97.90	94.72	723.81	-1,977.95	1,440.40	1,245.13	195.27	7.376		
10,300.00	7,131.35	10,412.65	7,249.71	100.71	100.56	94.71	723.89	-2,077.94	1,441.45	1,240.87	200.58	7.186		
10,400.00	7,131.59	10,512.65	7,249.89	103.38	103.23	94.71	723.97	-2,177.93	1,442.50	1,236.59	205.91	7.006		
10,500.00	7,131.83	10,612.64	7,250.06	106.06	105.91	94.70	724.05	-2,277.93	1,443.55	1,232.29	211.26	6.833		
10,600.00	7,132.07	10,712.63	7,250.24	108.74	108.61	94.69	724.12	-2,377.92	1,444.60	1,227.98	216.62	6.669		
10,700.00	7,132.31	10,812.63	7,250.42	111.44	111.31	94.69	724.20	-2,477.92	1,445.65	1,223.64	222.01	6.512		
10,800.00	7,132.55	10,912.62	7,250.59	114.14	114.01	94.68	724.28	-2,577.91	1,446.70	1,219.30	227.40	6.362		
10,900.00	7,132.79	11,012.62	7,250.77	116.85	116.73	94.68	724.36	-2,677.91	1,447.75	1,214.93	232.82	6.218		
11,000.00	7,133.03	11,112.61	7,250.95	119.57	119.45	94.67	724.43	-2,777.90	1,448.80	1,210.56	238.24	6.081		
11,100.00	7,133.27	11,212.61	7,251.13	122.29	122.18	94.66	724.51	-2,877.89	1,449.85	1,206.17	243.68	5.950		
11,200.00	7,133.51	11,312.60	7,251.30	125.02	124.91	94.66	724.59	-2,977.89	1,450.90	1,201.77	249.14	5.824		
11,300.00	7,133.74	11,412.60	7,251.48	127.76	127.65	94.65	724.67	-3,077.88	1,451.95	1,197.36	254.60	5.703		
11,400.00	7,133.98	11,512.59	7,251.66	130.50	130.40	94.65	724.74	-3,177.88	1,453.01	1,192.94	260.07	5.587		
11,500.00	7,134.22	11,612.58	7,251.83	133.24	133.15	94.64	724.82	-3,277.87	1,454.06	1,188.50	265.55	5.476		
11,600.00	7,134.46	11,712.58	7,252.01	135.99	135.90	94.64	724.90	-3,377.86	1,455.11	1,184.06	271.04	5.369		
11,700.00	7,134.70	11,812.57	7,252.19	138.75	138.66	94.63	724.98	-3,477.86	1,456.16	1,179.62	276.54	5.266		
11,800.00	7,134.94	11,912.57	7,252.37	141.51	141.42	94.62	725.05	-3,577.85	1,457.21	1,175.16	282.05	5.166		
11,900.00	7,135.18	12,012.56	7,252.54	144.27	144.19	94.62	725.13	-3,677.85	1,458.26	1,170.69	287.57	5.071		
12,000.00	7,135.42	12,112.56	7,252.72	147.03	146.96	94.61	725.21	-3,777.84	1,459.31	1,166.22	293.09	4.979		
12,100.00	7,135.66	12,212.55	7,252.90	149.80	149.73	94.61	725.29	-3,877.84	1,460.36	1,161.74	298.62	4.890		
12,200.00	7,135.90	12,312.54	7,253.07	152.58	152.51	94.60	725.36	-3,977.83	1,461.41	1,157.26	304.15	4.805		
12,300.00	7,136.14	12,412.54	7,253.25	155.35	155.29	94.59	725.44	-4,077.82	1,462.46	1,152.77	309.70	4.722		
12,400.00	7,136.38	12,512.53	7,253.43	158.13	158.07	94.59	725.52	-4,177.82	1,463.51	1,148.27	315.24	4.642		
12,500.00	7,136.62	12,612.53	7,253.61	160.91	160.86	94.58	725.60	-4,277.81	1,464.57	1,143.77	320.80	4.565		
12,600.00	7,136.86	12,712.52	7,253.78	163.70	163.64	94.58	725.67	-4,377.81	1,465.62	1,139.26	326.35	4.491		
12,700.00	7,137.10	12,812.52	7,253.96	166.48	166.43	94.57	725.75	-4,477.80	1,466.67	1,134.75	331.92	4.419		
12,800.00	7,137.34	12,912.51	7,254.14	169.27	169.23	94.57	725.83	-4,577.79	1,467.72	1,130.23	337.49	4.349		
12,900.00	7,137.58	13,012.51	7,254.31	172.06	172.02	94.56	725.91	-4,677.79	1,468.77	1,125.71	343.06	4.281		
13,000.00	7,137.82	13,112.50	7,254.49	174.86	174.82	94.55	725.98	-4,777.78	1,469.82	1,121.18	348.64	4.216		
13,100.00	7,138.06	13,212.49	7,254.67	177.65	177.62	94.55	726.06	-4,877.78	1,470.87	1,116.66	354.22	4.152		
13,200.00	7,138.30	13,312.49	7,254.85	180.45	180.42	94.54	726.14	-4,977.77	1,471.92	1,112.12	359.80	4.091		
13,300.00	7,138.54	13,412.48	7,255.02	183.25	183.22	94.54	726.21	-5,077.77	1,472.97	1,107.58	365.39	4.031		
13,400.00	7,138.78	13,512.48	7,255.20	186.05	186.02	94.53	726.29	-5,177.76	1,474.02	1,103.04	370.98	3.973		
13,500.00	7,139.02	13,612.47	7,255.38	188.85	188.83	94.53	726.37	-5,277.75	1,475.08	1,098.50	376.58	3.917		
13,600.00	7,139.25	13,712.47	7,255.55	191.65	191.64	94.52	726.45	-5,377.75	1,476.13	1,093.95	382.17	3.862		
13,700.00	7,139.49	13,812.46	7,255.73	194.46	194.45	94.51	726.52	-5,477.74	1,477.18	1,089.40	387.78	3.809		
13,800.00	7,139.73	13,912.45	7,255.91	197.27	197.26	94.51	726.60	-5,577.74	1,478.23	1,084.85	393.38	3.758		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
13,900.00	7,139.97	14,012.45	7,256.09	200.08	200.07	94.50	726.68	-5,677.73	1,479.28	1,080.29	398.99	3.708		
14,000.00	7,140.21	14,112.44	7,256.26	202.89	202.88	94.50	726.76	-5,777.72	1,480.33	1,075.73	404.60	3.659		
14,100.00	7,140.45	14,212.44	7,256.44	205.70	205.70	94.49	726.83	-5,877.72	1,481.38	1,071.17	410.21	3.611		
14,200.00	7,140.69	14,312.43	7,256.62	208.51	208.52	94.49	726.91	-5,977.71	1,482.43	1,066.61	415.83	3.565		
14,300.00	7,140.93	14,412.43	7,256.79	211.32	211.33	94.48	726.99	-6,077.71	1,483.48	1,062.04	421.44	3.520		
14,400.00	7,141.17	14,512.42	7,256.97	214.14	214.15	94.48	727.07	-6,177.70	1,484.54	1,057.47	427.06	3.476		
14,500.00	7,141.41	14,612.42	7,257.15	216.95	216.97	94.47	727.14	-6,277.70	1,485.59	1,052.90	432.69	3.433		
14,600.00	7,141.65	14,712.41	7,257.33	219.77	219.79	94.46	727.22	-6,377.69	1,486.64	1,048.33	438.31	3.392		
14,700.00	7,141.89	14,812.40	7,257.50	222.59	222.61	94.46	727.30	-6,477.68	1,487.69	1,043.75	443.94	3.351		
14,800.00	7,142.13	14,912.40	7,257.68	225.41	225.43	94.45	727.38	-6,577.68	1,488.74	1,039.17	449.57	3.312		
14,900.00	7,142.37	15,012.39	7,257.86	228.23	228.26	94.45	727.45	-6,677.67	1,489.79	1,034.60	455.20	3.273		
15,000.00	7,142.61	15,112.39	7,258.03	231.05	231.08	94.44	727.53	-6,777.67	1,490.84	1,030.01	460.83	3.235		
15,100.00	7,142.85	15,212.38	7,258.21	233.87	233.91	94.44	727.61	-6,877.66	1,491.89	1,025.43	466.46	3.198		
15,200.00	7,143.09	15,312.38	7,258.39	236.69	236.73	94.43	727.69	-6,977.65	1,492.95	1,020.85	472.10	3.162		
15,300.00	7,143.33	15,412.37	7,258.57	239.52	239.56	94.43	727.76	-7,077.65	1,494.00	1,016.26	477.74	3.127		
15,400.00	7,143.57	15,512.36	7,258.74	242.34	242.39	94.42	727.84	-7,177.64	1,495.05	1,011.67	483.38	3.093		
15,500.00	7,143.81	15,612.36	7,258.92	245.17	245.22	94.41	727.92	-7,277.64	1,496.10	1,007.08	489.02	3.059		
15,600.00	7,144.05	15,712.35	7,259.10	247.99	248.04	94.41	728.00	-7,377.63	1,497.15	1,002.49	494.66	3.027		
15,700.00	7,144.29	15,812.35	7,259.27	250.82	250.87	94.40	728.07	-7,477.63	1,498.20	997.90	500.30	2.995		
15,800.00	7,144.53	15,912.34	7,259.45	253.64	253.71	94.40	728.15	-7,577.62	1,499.25	993.31	505.95	2.963		
15,900.00	7,144.76	16,012.34	7,259.63	256.47	256.54	94.39	728.23	-7,677.61	1,500.31	988.71	511.59	2.933		
16,000.00	7,145.00	16,112.33	7,259.81	259.30	259.37	94.39	728.31	-7,777.61	1,501.36	984.12	517.24	2.903		
16,100.00	7,145.24	16,212.33	7,259.98	262.13	262.20	94.38	728.38	-7,877.60	1,502.41	979.52	522.89	2.873		
16,200.00	7,145.48	16,312.32	7,260.16	264.96	265.03	94.38	728.46	-7,977.60	1,503.46	974.92	528.54	2.845		
16,300.00	7,145.72	16,412.31	7,260.34	267.79	267.87	94.37	728.54	-8,077.59	1,504.51	970.32	534.19	2.816		
16,400.00	7,145.96	16,512.31	7,260.51	270.62	270.70	94.37	728.62	-8,177.59	1,505.56	965.72	539.85	2.789		
16,500.00	7,146.20	16,612.30	7,260.69	273.45	273.54	94.36	728.69	-8,277.58	1,506.61	961.11	545.50	2.762		
16,600.00	7,146.44	16,712.30	7,260.87	276.28	276.37	94.35	728.77	-8,377.57	1,507.67	956.51	551.15	2.735		
16,700.00	7,146.68	16,812.29	7,261.05	279.12	279.21	94.35	728.85	-8,477.57	1,508.72	951.91	556.81	2.710		
16,800.00	7,146.92	16,912.29	7,261.22	281.95	282.04	94.34	728.93	-8,577.56	1,509.77	947.30	562.47	2.684		
16,900.00	7,147.16	17,012.28	7,261.40	284.78	284.88	94.34	729.00	-8,677.56	1,510.82	942.69	568.13	2.659		
17,000.00	7,147.40	17,112.27	7,261.58	287.62	287.72	94.33	729.08	-8,777.55	1,511.87	938.09	573.79	2.635		
17,100.00	7,147.64	17,212.27	7,261.75	290.45	290.55	94.33	729.16	-8,877.54	1,512.92	933.48	579.45	2.611		
17,200.00	7,147.88	17,312.26	7,261.93	293.28	293.39	94.32	729.24	-8,977.54	1,513.98	928.87	585.11	2.588		
17,300.00	7,148.12	17,412.26	7,262.11	296.12	296.23	94.32	729.31	-9,077.53	1,515.03	924.26	590.77	2.565		
17,400.00	7,148.36	17,512.25	7,262.29	298.95	299.07	94.31	729.39	-9,177.53	1,516.08	919.65	596.43	2.542		
17,500.00	7,148.60	17,612.25	7,262.46	301.79	301.91	94.31	729.47	-9,277.52	1,517.13	915.04	602.10	2.520		
17,600.00	7,148.84	17,712.24	7,262.64	304.63	304.75	94.30	729.55	-9,377.52	1,518.18	910.42	607.76	2.498		
17,700.00	7,149.08	17,812.24	7,262.82	307.46	307.59	94.30	729.62	-9,477.51	1,519.23	905.81	613.43	2.477		
17,800.00	7,149.32	17,912.23	7,262.99	310.30	310.43	94.29	729.70	-9,577.50	1,520.29	901.19	619.09	2.456		
17,900.00	7,149.56	18,012.22	7,263.17	313.14	313.27	94.28	729.78	-9,677.50	1,521.34	896.58	624.76	2.435		
18,000.00	7,149.80	18,112.22	7,263.35	315.98	316.11	94.28	729.86	-9,777.49	1,522.39	891.96	630.43	2.415		
18,100.00	7,150.04	18,212.21	7,263.53	318.81	318.95	94.27	729.93	-9,877.48	1,523.44	887.35	636.09	2.395		
18,200.00	7,150.27	18,312.21	7,263.70	321.65	321.79	94.27	730.01	-9,977.48	1,524.49	882.73	641.76	2.375		
18,300.00	7,150.51	18,412.20	7,263.88	324.49	324.64	94.26	730.09	-10,077.47	1,525.54	878.11	647.43	2.356		
18,400.00	7,150.75	18,512.20	7,264.06	327.33	327.48	94.26	730.17	-10,177.47	1,526.60	873.49	653.10	2.337		
18,500.00	7,150.99	18,612.19	7,264.23	330.17	330.32	94.25	730.24	-10,277.46	1,527.65	868.87	658.77	2.319		
18,600.00	7,151.23	18,712.18	7,264.41	333.01	333.16	94.25	730.32	-10,377.46	1,528.70	864.25	664.45	2.301		
18,700.00	7,151.47	18,812.18	7,264.59	335.85	336.01	94.24	730.40	-10,477.45	1,529.75	859.63	670.12	2.283		
18,800.00	7,151.71	18,912.17	7,264.77	338.69	338.85	94.24	730.48	-10,577.45	1,530.80	855.01	675.79	2.265		
18,900.00	7,151.95	19,012.17	7,264.94	341.53	341.70	94.23	730.55	-10,677.44	1,531.85	850.39	681.47	2.248		
18,920.23	7,152.00	19,032.40	7,264.98	342.10	342.27	94.23	730.57	-10,697.67	1,532.07	849.45	682.61	2.244 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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	89.98					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	89.98	0.83	89.98	83.41	6.57	13.697		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	89.98	0.83	89.98	83.31	6.67	13.483 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	-120.41	89.98	0.83	90.85	83.97	6.89	13.194		
400.00	399.84	399.00	398.98	3.60	3.60	-122.09	90.49	2.47	94.06	86.86	7.19	13.074		
500.00	499.45	497.94	497.79	3.80	3.80	-123.35	92.04	7.35	100.09	92.50	7.59	13.181		
600.00	598.70	596.70	596.17	4.04	4.04	-124.15	94.60	15.47	108.91	100.84	8.07	13.488		
700.00	697.47	695.16	693.90	4.33	4.31	-124.54	98.16	26.78	120.47	111.84	8.63	13.961		
800.00	795.62	793.20	790.77	4.65	4.61	-124.58	102.71	41.22	134.73	125.48	9.25	14.566		
865.50	859.53	857.15	853.65	4.89	4.82	-124.46	106.22	52.34	145.52	135.83	9.69	15.015		
900.00	893.10	890.76	886.58	5.02	4.94	-124.40	108.23	58.72	151.54	141.61	9.93	15.258		
1,000.00	990.42	988.76	982.31	5.41	5.30	-123.73	114.54	78.74	169.34	158.67	10.66	15.879		
1,100.00	1,087.73	1,087.14	1,078.36	5.83	5.68	-123.13	120.94	99.01	187.19	175.75	11.44	16.360		
1,200.00	1,185.05	1,185.51	1,174.41	6.27	6.08	-122.63	127.33	119.29	205.07	192.81	12.25	16.734		
1,300.00	1,282.36	1,283.89	1,270.46	6.72	6.50	-122.21	133.72	139.56	222.95	209.86	13.09	17.026		
1,400.00	1,379.67	1,382.27	1,366.51	7.18	6.93	-121.86	140.11	159.84	240.85	226.89	13.96	17.255		
1,500.00	1,476.99	1,480.64	1,462.57	7.65	7.37	-121.55	146.51	180.11	258.75	243.91	14.84	17.435		
1,600.00	1,574.30	1,579.02	1,558.62	8.13	7.81	-121.28	152.90	200.39	276.66	260.92	15.74	17.577		
1,700.00	1,671.61	1,677.39	1,654.67	8.62	8.27	-121.05	159.29	220.66	294.57	277.92	16.65	17.690		
1,800.00	1,768.93	1,775.77	1,750.72	9.11	8.73	-120.84	165.68	240.94	312.49	294.92	17.58	17.780		
1,900.00	1,866.24	1,874.14	1,846.77	9.60	9.19	-120.66	172.08	261.21	330.42	311.91	18.51	17.853		
2,000.00	1,963.56	1,972.52	1,942.82	10.10	9.66	-120.49	178.47	281.49	348.34	328.89	19.45	17.910		
2,100.00	2,060.87	2,070.89	2,038.87	10.61	10.13	-120.34	184.86	301.76	366.27	345.87	20.40	17.957		
2,200.00	2,158.18	2,169.27	2,134.92	11.11	10.60	-120.21	191.25	322.04	384.20	362.85	21.35	17.994		
2,300.00	2,255.50	2,267.65	2,230.97	11.62	11.08	-120.08	197.65	342.31	402.13	379.82	22.31	18.023		
2,400.00	2,352.81	2,366.02	2,327.03	12.13	11.56	-119.97	204.04	362.59	420.06	396.79	23.28	18.047		
2,500.00	2,450.13	2,464.40	2,423.08	12.65	12.04	-119.87	210.43	382.86	438.00	413.75	24.24	18.066		
2,600.00	2,547.44	2,562.77	2,519.13	13.16	12.53	-119.77	216.83	403.14	455.93	430.72	25.22	18.081		
2,700.00	2,644.75	2,661.15	2,615.18	13.68	13.01	-119.68	223.22	423.41	473.87	447.68	26.19	18.092		
2,800.00	2,742.07	2,759.52	2,711.23	14.20	13.50	-119.60	229.61	443.69	491.81	464.64	27.17	18.101		
2,900.00	2,839.38	2,857.90	2,807.28	14.71	13.98	-119.52	236.00	463.96	509.75	481.60	28.15	18.107		
3,000.00	2,936.70	2,956.27	2,903.33	15.23	14.47	-119.45	242.40	484.24	527.69	498.55	29.14	18.112		
3,100.00	3,034.01	3,054.65	2,999.38	15.76	14.96	-119.39	248.79	504.51	545.63	515.51	30.12	18.115		
3,200.00	3,131.32	3,153.03	3,095.43	16.28	15.45	-119.32	255.18	524.79	563.57	532.46	31.11	18.117		
3,300.00	3,228.64	3,251.40	3,191.49	16.80	15.95	-119.27	261.57	545.06	581.51	549.42	32.10	18.117		
3,400.00	3,325.95	3,349.78	3,287.54	17.32	16.44	-119.21	267.97	565.34	599.46	566.37	33.09	18.117		
3,500.00	3,423.26	3,448.15	3,383.59	17.85	16.93	-119.16	274.36	585.61	617.40	583.32	34.08	18.116		
3,600.00	3,520.58	3,546.53	3,479.64	18.37	17.43	-119.11	280.75	605.89	635.34	600.27	35.07	18.115		
3,700.00	3,617.89	3,644.90	3,575.69	18.90	17.92	-119.06	287.14	626.16	653.29	617.22	36.07	18.113		
3,800.00	3,715.21	3,743.28	3,671.74	19.43	18.42	-119.02	293.54	646.44	671.23	634.17	37.06	18.110		
3,900.00	3,812.52	3,841.65	3,767.79	19.95	18.91	-118.98	299.93	666.71	689.18	651.12	38.06	18.107		
4,000.00	3,909.83	3,940.03	3,863.84	20.48	19.41	-118.94	306.32	686.99	707.12	668.06	39.06	18.104		
4,100.00	4,007.15	4,038.41	3,959.89	21.01	19.90	-118.90	312.72	707.26	725.07	685.01	40.06	18.101		
4,200.00	4,104.46	4,136.78	4,055.95	21.53	20.40	-118.87	319.11	727.54	743.01	701.96	41.06	18.097		
4,300.00	4,201.78	4,235.16	4,152.00	22.06	20.90	-118.83	325.50	747.81	760.96	718.90	42.06	18.093		
4,400.00	4,299.09	4,333.53	4,248.05	22.59	21.40	-118.80	331.89	768.09	778.91	735.85	43.06	18.090		
4,500.00	4,396.40	4,431.91	4,344.10	23.12	21.89	-118.77	338.29	788.36	796.85	752.79	44.06	18.086		
4,600.00	4,493.72	4,530.28	4,440.15	23.65	22.39	-118.74	344.68	808.64	814.80	769.74	45.06	18.082		
4,700.00	4,591.03	4,628.66	4,536.20	24.18	22.89	-118.71	351.07	828.91	832.75	786.68	46.06	18.078		
4,800.00	4,688.34	4,727.03	4,632.25	24.71	23.39	-118.69	357.46	849.19	850.69	803.62	47.07	18.074		
4,900.00	4,785.66	4,825.41	4,728.30	25.24	23.89	-118.66	363.86	869.46	868.64	820.57	48.07	18.069		
5,000.00	4,882.97	4,923.79	4,824.35	25.77	24.39	-118.64	370.25	889.74	886.59	837.51	49.08	18.065		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,022.16	4,920.41	26.30	24.89	-118.61	376.64	910.01	904.54	854.45	50.08	18.061		
5,200.00	5,077.60	5,120.54	5,016.46	26.83	25.39	-118.59	383.03	930.29	922.48	871.40	51.09	18.057		
5,300.00	5,174.91	5,218.91	5,112.51	27.36	25.89	-118.57	389.43	950.56	940.43	888.34	52.09	18.053		
5,400.00	5,272.23	5,317.29	5,208.56	27.89	26.39	-118.55	395.82	970.84	958.38	905.28	53.10	18.049		
5,500.00	5,369.54	5,415.66	5,304.61	28.42	26.89	-118.52	402.21	991.11	976.33	922.22	54.10	18.045		
5,600.00	5,466.86	5,514.04	5,400.66	28.95	27.39	-118.51	408.61	1,011.39	994.27	939.16	55.11	18.041		
5,700.00	5,564.17	5,612.41	5,496.71	29.48	27.89	-118.49	415.00	1,031.66	1,012.22	956.10	56.12	18.037		
5,800.00	5,661.48	5,710.79	5,592.76	30.01	28.39	-118.47	421.39	1,051.94	1,030.17	973.05	57.13	18.033		
5,900.00	5,758.80	5,809.17	5,688.81	30.54	28.89	-118.45	427.78	1,072.21	1,048.12	989.99	58.13	18.029		
6,000.00	5,856.11	5,907.54	5,784.86	31.07	29.39	-118.43	434.18	1,092.49	1,066.07	1,006.93	59.14	18.026		
6,100.00	5,953.43	6,005.92	5,880.92	31.61	29.89	-118.42	440.57	1,112.76	1,084.02	1,023.87	60.15	18.022		
6,200.00	6,050.74	6,104.29	5,976.97	32.14	30.39	-118.40	446.96	1,133.04	1,101.97	1,040.81	61.16	18.018		
6,300.00	6,148.05	6,202.67	6,073.02	32.67	30.90	-118.38	453.35	1,153.31	1,119.91	1,057.75	62.17	18.014		
6,400.00	6,245.37	6,301.04	6,169.07	33.20	31.40	-118.37	459.75	1,173.59	1,137.86	1,074.69	63.18	18.011		
6,500.00	6,342.68	6,400.58	6,265.12	33.73	31.90	-118.36	466.14	1,193.86	1,155.81	1,091.62	64.19	18.006		
6,520.81	6,362.93	6,419.89	6,285.11	33.85	32.00	-118.35	467.47	1,198.08	1,159.55	1,095.15	64.40	18.007		
6,550.00	6,391.46	6,448.67	6,313.22	34.00	32.15	-125.13	469.34	1,203.94	1,164.78	1,100.10	64.69	18.007		
6,600.00	6,440.79	6,498.31	6,362.15	34.23	32.38	-144.77	472.60	1,211.53	1,173.70	1,108.55	65.15	18.015		
6,650.00	6,490.44	6,548.10	6,411.68	34.43	32.59	179.33	475.89	1,215.28	1,182.51	1,116.94	65.56	18.036		
6,700.00	6,540.10	6,598.07	6,461.53	34.60	32.78	142.49	479.20	1,215.14	1,191.15	1,125.21	65.94	18.065		
6,750.00	6,589.46	6,648.24	6,511.41	34.76	32.96	121.95	482.52	1,211.05	1,199.57	1,133.27	66.30	18.094		
6,800.00	6,638.22	6,698.61	6,561.01	34.92	33.14	111.23	485.81	1,203.00	1,207.72	1,141.06	66.66	18.117		
6,850.00	6,686.09	6,749.20	6,610.03	35.07	33.33	104.91	489.07	1,190.99	1,215.54	1,148.50	67.04	18.131		
6,900.00	6,732.75	6,800.01	6,658.15	35.24	33.53	100.73	492.26	1,175.04	1,223.00	1,155.56	67.44	18.133		
6,950.00	6,777.94	6,851.05	6,705.06	35.42	33.75	97.75	495.37	1,155.20	1,230.04	1,162.17	67.88	18.122		
7,000.00	6,821.36	6,902.31	6,750.42	35.61	33.98	95.50	498.38	1,131.54	1,236.63	1,168.29	68.34	18.095		
7,050.00	6,862.75	6,953.79	6,793.91	35.83	34.23	93.74	501.26	1,104.18	1,242.71	1,173.86	68.85	18.050		
7,100.00	6,901.85	7,005.48	6,835.23	36.06	34.51	92.32	504.00	1,073.26	1,248.25	1,178.84	69.40	17.986		
7,150.00	6,938.43	7,057.37	6,874.04	36.32	34.82	91.17	506.57	1,038.94	1,253.21	1,183.20	70.01	17.900		
7,200.00	6,972.26	7,109.43	6,910.06	36.61	35.16	90.22	508.95	1,001.44	1,257.57	1,186.89	70.68	17.792		
7,250.00	7,003.13	7,161.66	6,943.00	36.93	35.53	89.45	511.13	960.99	1,261.29	1,189.87	71.43	17.659		
7,300.00	7,030.85	7,214.02	6,972.59	37.29	35.95	88.82	513.08	917.85	1,264.36	1,192.12	72.25	17.501		
7,350.00	7,055.25	7,266.48	6,998.59	37.68	36.41	88.32	514.79	872.33	1,266.75	1,193.61	73.15	17.318		
7,400.00	7,076.17	7,319.01	7,020.79	38.12	36.91	87.93	516.25	824.76	1,268.45	1,194.32	74.13	17.111		
7,450.00	7,093.50	7,371.58	7,039.01	38.60	37.46	87.65	517.45	775.48	1,269.44	1,194.25	75.19	16.883		
7,500.00	7,107.11	7,424.16	7,053.12	39.11	38.05	87.47	518.37	724.85	1,269.73	1,193.40	76.33	16.635		
7,550.00	7,116.94	7,476.71	7,063.01	39.66	38.67	87.39	519.01	673.27	1,269.30	1,191.77	77.53	16.371		
7,600.00	7,122.91	7,529.19	7,068.61	40.24	39.32	87.40	519.36	621.10	1,268.17	1,189.37	78.79	16.095		
7,650.18	7,125.00	7,581.28	7,070.00	40.85	39.98	87.50	519.44	569.05	1,266.33	1,186.23	80.09	15.811		
7,700.00	7,125.12	7,631.05	7,070.00	41.48	40.67	87.49	519.42	519.27	1,264.17	1,182.73	81.44	15.522		
7,800.00	7,125.36	7,730.96	7,070.01	42.88	42.12	87.47	519.38	419.37	1,259.84	1,175.48	84.36	14.935		
7,900.00	7,125.60	7,830.86	7,070.02	44.42	43.72	87.45	519.35	319.46	1,255.51	1,167.96	87.54	14.341		
8,000.00	7,125.84	7,930.77	7,070.03	46.10	45.44	87.44	519.32	219.55	1,251.18	1,160.20	90.98	13.752		
8,100.00	7,126.08	8,030.67	7,070.04	47.89	47.28	87.42	519.28	119.65	1,246.85	1,152.21	94.64	13.175		
8,200.00	7,126.32	8,130.58	7,070.05	49.79	49.21	87.40	519.25	19.74	1,242.52	1,144.02	98.49	12.615		
8,300.00	7,126.56	8,230.48	7,070.06	51.79	51.22	87.38	519.22	-80.16	1,238.19	1,135.66	102.52	12.077		
8,400.00	7,126.80	8,330.39	7,070.07	53.86	53.32	87.36	519.18	-180.07	1,233.86	1,127.15	106.71	11.563		
8,500.00	7,127.04	8,430.29	7,070.07	56.00	55.48	87.34	519.15	-279.97	1,229.53	1,118.50	111.03	11.074		
8,600.00	7,127.28	8,530.20	7,070.08	58.21	57.70	87.32	519.12	-379.88	1,225.20	1,109.73	115.47	10.610		
8,689.38	7,127.49	8,619.50	7,070.09	60.24	59.73	87.30	519.09	-469.18	1,221.33	1,101.79	119.53	10.218		
8,700.00	7,127.52	8,630.10	7,070.09	60.48	59.98	87.30	519.08	-479.78	1,220.89	1,100.87	120.02	10.172		
8,800.00	7,127.76	8,730.07	7,070.10	62.79	62.31	87.29	519.05	-579.75	1,218.67	1,094.00	124.66	9.776		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 32N-9B-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,813.59	7,127.79	8,743.67	7,070.10	63.10	62.63	87.29	519.04	-593.35	1,218.64	1,093.33	125.30	9.726		
8,841.07	7,127.85	8,771.14	7,070.10	63.74	63.27	87.29	519.03	-620.82	1,218.77	1,092.18	126.59	9.628		
8,900.00	7,128.00	8,830.07	7,070.11	65.12	64.68	87.28	519.01	-679.75	1,219.33	1,089.95	129.38	9.424		
9,000.00	7,128.23	8,930.07	7,070.12	67.50	67.08	87.27	518.98	-779.74	1,220.29	1,086.11	134.18	9.094		
9,100.00	7,128.47	9,030.06	7,070.13	69.91	69.53	87.26	518.95	-879.74	1,221.25	1,082.20	139.05	8.783		
9,200.00	7,128.71	9,130.06	7,070.14	72.35	72.00	87.25	518.91	-979.74	1,222.21	1,078.23	143.98	8.489		
9,300.00	7,128.95	9,230.05	7,070.15	74.83	74.50	87.25	518.88	-1,079.73	1,223.16	1,074.20	148.96	8.211		
9,400.00	7,129.19	9,330.05	7,070.15	77.33	77.03	87.24	518.85	-1,179.73	1,224.12	1,070.13	153.99	7.949		
9,500.00	7,129.43	9,430.04	7,070.16	79.86	79.57	87.23	518.81	-1,279.72	1,225.08	1,066.01	159.08	7.701		
9,600.00	7,129.67	9,530.04	7,070.17	82.41	82.14	87.22	518.78	-1,379.72	1,226.04	1,061.84	164.20	7.467		
9,700.00	7,129.91	9,630.03	7,070.18	84.97	84.73	87.21	518.75	-1,479.71	1,227.00	1,057.64	169.36	7.245		
9,800.00	7,130.15	9,730.03	7,070.19	87.56	87.34	87.20	518.71	-1,579.71	1,227.96	1,053.41	174.55	7.035		
9,900.00	7,130.39	9,830.02	7,070.20	90.16	89.96	87.19	518.68	-1,679.70	1,228.91	1,049.14	179.78	6.836		
10,000.00	7,130.63	9,930.02	7,070.21	92.78	92.59	87.19	518.64	-1,779.70	1,229.87	1,044.84	185.03	6.647		
10,100.00	7,130.87	10,030.01	7,070.22	95.41	95.24	87.18	518.61	-1,879.69	1,230.83	1,040.52	190.31	6.468		
10,200.00	7,131.11	10,130.01	7,070.23	98.06	97.90	87.17	518.58	-1,979.69	1,231.79	1,036.18	195.61	6.297		
10,300.00	7,131.35	10,230.00	7,070.23	100.71	100.57	87.16	518.54	-2,079.68	1,232.75	1,031.81	200.94	6.135		
10,400.00	7,131.59	10,330.00	7,070.24	103.38	103.25	87.15	518.51	-2,179.68	1,233.71	1,027.42	206.28	5.981		
10,500.00	7,131.83	10,429.99	7,070.25	106.06	105.94	87.14	518.48	-2,279.67	1,234.66	1,023.01	211.65	5.834		
10,600.00	7,132.07	10,529.99	7,070.26	108.74	108.64	87.13	518.44	-2,379.67	1,235.62	1,018.59	217.03	5.693		
10,700.00	7,132.31	10,629.98	7,070.27	111.44	111.34	87.13	518.41	-2,479.66	1,236.58	1,014.15	222.43	5.559		
10,800.00	7,132.55	10,729.98	7,070.28	114.14	114.06	87.12	518.37	-2,579.66	1,237.54	1,009.69	227.85	5.431		
10,900.00	7,132.79	10,829.98	7,070.29	116.85	116.78	87.11	518.34	-2,679.65	1,238.50	1,005.22	233.28	5.309		
11,000.00	7,133.03	10,929.97	7,070.30	119.57	119.51	87.10	518.31	-2,779.65	1,239.46	1,000.74	238.72	5.192		
11,100.00	7,133.27	11,029.97	7,070.31	122.29	122.24	87.09	518.27	-2,879.64	1,240.42	996.25	244.17	5.080		
11,200.00	7,133.51	11,129.96	7,070.31	125.02	124.98	87.08	518.24	-2,979.64	1,241.37	991.74	249.64	4.973		
11,300.00	7,133.74	11,229.96	7,070.32	127.76	127.73	87.07	518.21	-3,079.64	1,242.33	987.22	255.11	4.870		
11,400.00	7,133.98	11,329.95	7,070.33	130.50	130.48	87.07	518.17	-3,179.63	1,243.29	982.70	260.60	4.771		
11,500.00	7,134.22	11,429.95	7,070.34	133.24	133.23	87.06	518.14	-3,279.63	1,244.25	978.16	266.09	4.676		
11,600.00	7,134.46	11,529.94	7,070.35	135.99	135.99	87.05	518.11	-3,379.62	1,245.21	973.61	271.59	4.585		
11,700.00	7,134.70	11,629.94	7,070.36	138.75	138.75	87.04	518.07	-3,479.62	1,246.17	969.06	277.11	4.497		
11,800.00	7,134.94	11,729.93	7,070.37	141.51	141.52	87.03	518.04	-3,579.61	1,247.13	964.50	282.63	4.413		
11,900.00	7,135.18	11,829.93	7,070.38	144.27	144.29	87.02	518.00	-3,679.61	1,248.09	959.93	288.15	4.331		
12,000.00	7,135.42	11,929.92	7,070.39	147.03	147.06	87.02	517.97	-3,779.60	1,249.05	955.36	293.69	4.253		
12,100.00	7,135.66	12,029.92	7,070.39	149.80	149.84	87.01	517.94	-3,879.60	1,250.00	950.78	299.23	4.177		
12,200.00	7,135.90	12,129.91	7,070.40	152.58	152.62	87.00	517.90	-3,979.59	1,250.96	946.19	304.77	4.105		
12,300.00	7,136.14	12,229.91	7,070.41	155.35	155.40	86.99	517.87	-4,079.59	1,251.92	941.60	310.33	4.034		
12,400.00	7,136.38	12,329.90	7,070.42	158.13	158.19	86.98	517.84	-4,179.58	1,252.88	937.00	315.88	3.966		
12,500.00	7,136.62	12,429.90	7,070.43	160.91	160.98	86.98	517.80	-4,279.58	1,253.84	932.39	321.45	3.901		
12,600.00	7,136.86	12,529.89	7,070.44	163.70	163.77	86.97	517.77	-4,379.57	1,254.80	927.78	327.01	3.837		
12,700.00	7,137.10	12,629.89	7,070.45	166.48	166.56	86.96	517.73	-4,479.57	1,255.76	923.17	332.59	3.776		
12,800.00	7,137.34	12,729.89	7,070.46	169.27	169.35	86.95	517.70	-4,579.56	1,256.72	918.55	338.16	3.716		
12,900.00	7,137.58	12,829.88	7,070.47	172.06	172.15	86.94	517.67	-4,679.56	1,257.68	913.93	343.75	3.659		
13,000.00	7,137.82	12,929.88	7,070.47	174.86	174.95	86.93	517.63	-4,779.55	1,258.64	909.30	349.33	3.603		
13,100.00	7,138.06	13,029.87	7,070.48	177.65	177.75	86.93	517.60	-4,879.55	1,259.59	904.67	354.92	3.549		
13,200.00	7,138.30	13,129.87	7,070.49	180.45	180.56	86.92	517.57	-4,979.54	1,260.55	900.04	360.51	3.497		
13,300.00	7,138.54	13,229.86	7,070.50	183.25	183.36	86.91	517.53	-5,079.54	1,261.51	895.40	366.11	3.446		
13,400.00	7,138.78	13,329.86	7,070.51	186.05	186.17	86.90	517.50	-5,179.53	1,262.47	890.76	371.71	3.396		
13,500.00	7,139.02	13,429.85	7,070.52	188.85	188.98	86.89	517.47	-5,279.53	1,263.43	886.12	377.31	3.349		
13,600.00	7,139.25	13,529.85	7,070.53	191.65	191.79	86.89	517.43	-5,379.53	1,264.39	881.47	382.92	3.302		
13,700.00	7,139.49	13,629.84	7,070.54	194.46	194.60	86.88	517.40	-5,479.52	1,265.35	876.82	388.53	3.257		
13,800.00	7,139.73	13,729.84	7,070.54	197.27	197.41	86.87	517.36	-5,579.52	1,266.31	872.17	394.14	3.213		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	13,829.83	7,070.55	200.08	200.22	86.86	517.33	-5,679.51	1,267.27	867.52	399.75	3.170		
14,000.00	7,140.21	13,929.83	7,070.56	202.89	203.04	86.85	517.30	-5,779.51	1,268.23	862.86	405.37	3.129		
14,100.00	7,140.45	14,029.82	7,070.57	205.70	205.85	86.84	517.26	-5,879.50	1,269.19	858.20	410.99	3.088		
14,200.00	7,140.69	14,129.82	7,070.58	208.51	208.67	86.84	517.23	-5,979.50	1,270.15	853.54	416.61	3.049		
14,300.00	7,140.93	14,229.81	7,070.59	211.32	211.49	86.83	517.20	-6,079.49	1,271.11	848.88	422.23	3.010		
14,400.00	7,141.17	14,329.81	7,070.60	214.14	214.31	86.82	517.16	-6,179.49	1,272.07	844.21	427.86	2.973		
14,500.00	7,141.41	14,429.80	7,070.61	216.95	217.13	86.81	517.13	-6,279.48	1,273.03	839.54	433.48	2.937		
14,600.00	7,141.65	14,529.80	7,070.62	219.77	219.95	86.80	517.09	-6,379.48	1,273.99	834.87	439.11	2.901		
14,700.00	7,141.89	14,629.79	7,070.62	222.59	222.78	86.80	517.06	-6,479.47	1,274.94	830.20	444.75	2.867		
14,800.00	7,142.13	14,729.79	7,070.63	225.41	225.60	86.79	517.03	-6,579.47	1,275.90	825.53	450.38	2.833		
14,900.00	7,142.37	14,829.79	7,070.64	228.23	228.43	86.78	516.99	-6,679.46	1,276.86	820.85	456.01	2.800		
15,000.00	7,142.61	14,929.78	7,070.65	231.05	231.25	86.77	516.96	-6,779.46	1,277.82	816.17	461.65	2.768		
15,100.00	7,142.85	15,029.78	7,070.66	233.87	234.08	86.77	516.93	-6,879.45	1,278.78	811.49	467.29	2.737		
15,200.00	7,143.09	15,129.77	7,070.67	236.69	236.90	86.76	516.89	-6,979.45	1,279.74	806.81	472.93	2.706		
15,300.00	7,143.33	15,229.77	7,070.68	239.52	239.73	86.75	516.86	-7,079.44	1,280.70	802.13	478.57	2.676		
15,400.00	7,143.57	15,329.76	7,070.69	242.34	242.56	86.74	516.83	-7,179.44	1,281.66	797.45	484.21	2.647		
15,500.00	7,143.81	15,429.76	7,070.70	245.17	245.39	86.73	516.79	-7,279.43	1,282.62	792.76	489.86	2.618		
15,600.00	7,144.05	15,529.75	7,070.70	247.99	248.22	86.73	516.76	-7,379.43	1,283.58	788.08	495.50	2.590		
15,700.00	7,144.29	15,629.75	7,070.71	250.82	251.05	86.72	516.72	-7,479.43	1,284.54	783.39	501.15	2.563		
15,800.00	7,144.53	15,729.74	7,070.72	253.64	253.88	86.71	516.69	-7,579.42	1,285.50	778.70	506.80	2.537		
15,900.00	7,144.76	15,829.74	7,070.73	256.47	256.72	86.70	516.66	-7,679.42	1,286.46	774.01	512.45	2.510		
16,000.00	7,145.00	15,929.73	7,070.74	259.30	259.55	86.69	516.62	-7,779.41	1,287.42	769.32	518.10	2.485		
16,100.00	7,145.24	16,029.73	7,070.75	262.13	262.38	86.69	516.59	-7,879.41	1,288.38	764.63	523.75	2.460		
16,200.00	7,145.48	16,129.72	7,070.76	264.96	265.22	86.68	516.56	-7,979.40	1,289.34	759.94	529.40	2.435		
16,300.00	7,145.72	16,229.72	7,070.77	267.79	268.05	86.67	516.52	-8,079.40	1,290.30	755.24	535.06	2.412		
16,400.00	7,145.96	16,329.71	7,070.78	270.62	270.88	86.66	516.49	-8,179.39	1,291.26	750.55	540.71	2.388		
16,500.00	7,146.20	16,429.71	7,070.78	273.45	273.72	86.66	516.45	-8,279.39	1,292.22	745.85	546.37	2.365		
16,600.00	7,146.44	16,529.70	7,070.79	276.28	276.56	86.65	516.42	-8,379.38	1,293.18	741.16	552.02	2.343		
16,700.00	7,146.68	16,629.70	7,070.80	279.12	279.39	86.64	516.39	-8,479.38	1,294.14	736.46	557.68	2.321		
16,800.00	7,146.92	16,729.69	7,070.81	281.95	282.23	86.63	516.35	-8,579.37	1,295.10	731.76	563.34	2.299		
16,900.00	7,147.16	16,829.69	7,070.82	284.78	285.07	86.62	516.32	-8,679.37	1,296.06	727.06	569.00	2.278		
17,000.00	7,147.40	16,929.69	7,070.83	287.62	287.90	86.62	516.29	-8,779.36	1,297.02	722.36	574.66	2.257		
17,100.00	7,147.64	17,029.68	7,070.84	290.45	290.74	86.61	516.25	-8,879.36	1,297.98	717.66	580.32	2.237		
17,200.00	7,147.88	17,129.68	7,070.85	293.28	293.58	86.60	516.22	-8,979.35	1,298.94	712.96	585.98	2.217		
17,300.00	7,148.12	17,229.67	7,070.86	296.12	296.42	86.59	516.19	-9,079.35	1,299.90	708.26	591.64	2.197		
17,400.00	7,148.36	17,329.67	7,070.86	298.95	299.26	86.59	516.15	-9,179.34	1,300.86	703.55	597.31	2.178		
17,500.00	7,148.60	17,429.66	7,070.87	301.79	302.10	86.58	516.12	-9,279.34	1,301.82	698.85	602.97	2.159		
17,600.00	7,148.84	17,529.66	7,070.88	304.63	304.94	86.57	516.08	-9,379.33	1,302.78	694.15	608.64	2.140		
17,700.00	7,149.08	17,629.65	7,070.89	307.46	307.78	86.56	516.05	-9,479.33	1,303.74	689.44	614.30	2.122		
17,800.00	7,149.32	17,729.65	7,070.90	310.30	310.62	86.56	516.02	-9,579.33	1,304.70	684.74	619.97	2.104		
17,900.00	7,149.56	17,829.64	7,070.91	313.14	313.46	86.55	515.98	-9,679.32	1,305.66	680.03	625.63	2.087		
18,000.00	7,149.80	17,929.64	7,070.92	315.98	316.31	86.54	515.95	-9,779.32	1,306.62	675.32	631.30	2.070		
18,100.00	7,150.04	18,029.63	7,070.93	318.81	319.15	86.53	515.92	-9,879.31	1,307.58	670.62	636.97	2.053		
18,200.00	7,150.27	18,129.63	7,070.94	321.65	321.99	86.53	515.88	-9,979.31	1,308.54	665.91	642.64	2.036		
18,300.00	7,150.51	18,229.62	7,070.94	324.49	324.83	86.52	515.85	-10,079.30	1,309.51	661.20	648.31	2.020		
18,400.00	7,150.75	18,329.62	7,070.95	327.33	327.68	86.51	515.81	-10,179.30	1,310.47	656.49	653.97	2.004		
18,500.00	7,150.99	18,429.61	7,070.96	330.17	330.52	86.50	515.78	-10,279.29	1,311.43	651.78	659.64	1.988		
18,600.00	7,151.23	18,529.61	7,070.97	333.01	333.36	86.49	515.75	-10,379.29	1,312.39	647.07	665.31	1.973		
18,700.00	7,151.47	18,629.60	7,070.98	335.85	336.21	86.49	515.71	-10,479.28	1,313.35	642.36	670.99	1.957		
18,800.00	7,151.71	18,729.60	7,070.99	338.69	339.05	86.48	515.68	-10,579.28	1,314.31	637.65	676.66	1.942		
18,900.00	7,151.95	18,829.59	7,071.00	341.53	341.89	86.47	515.65	-10,679.27	1,315.27	632.94	682.33	1.928		
18,920.23	7,152.00	18,849.83	7,071.00	342.10	342.47	86.47	515.64	-10,699.50	1,315.46	631.99	683.48	1.925 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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	299.98	299.98	3.44	3.44	-125.45	14.93	0.00	15.88	8.99	6.89	2.306		
400.00	399.84	400.27	400.25	3.60	3.60	-134.19	14.16	1.58	18.21	11.02	7.20	2.531		
500.00	499.45	500.68	500.52	3.80	3.80	-140.31	11.85	6.31	21.03	13.42	7.60	2.766		
600.00	598.70	601.21	600.66	4.04	4.03	-144.46	8.00	14.22	24.16	16.06	8.10	2.983		
700.00	697.47	701.86	700.55	4.33	4.31	-147.19	2.60	25.29	27.51	18.83	8.67	3.172		
800.00	795.62	802.63	800.06	4.65	4.62	-148.92	-4.35	39.53	31.01	21.70	9.31	3.331		
865.50	859.53	868.70	864.97	4.89	4.85	-149.65	-9.73	50.57	33.38	23.62	9.76	3.420		
900.00	893.10	903.52	899.07	5.02	4.97	-149.76	-12.83	56.93	34.47	24.47	10.00	3.446		
1,000.00	990.42	1,003.87	996.97	5.41	5.35	-148.62	-22.47	76.69	36.27	25.55	10.72	3.384		
1,100.00	1,087.73	1,103.85	1,094.47	5.83	5.75	-147.38	-32.18	96.59	37.90	26.43	11.47	3.305		
1,200.00	1,185.05	1,203.83	1,191.98	6.27	6.17	-146.24	-41.88	116.48	39.55	27.29	12.26	3.227		
1,300.00	1,282.36	1,303.82	1,289.48	6.72	6.61	-145.20	-51.58	136.38	41.21	28.14	13.07	3.153		
1,400.00	1,379.67	1,403.80	1,386.98	7.18	7.06	-144.24	-61.29	156.27	42.89	28.97	13.91	3.082		
1,500.00	1,476.99	1,503.78	1,484.48	7.65	7.51	-143.35	-70.99	176.16	44.57	29.80	14.78	3.016		
1,600.00	1,574.30	1,603.77	1,581.99	8.13	7.98	-142.52	-80.69	196.06	46.27	30.61	15.66	2.955		
1,700.00	1,671.61	1,703.75	1,679.49	8.62	8.46	-141.76	-90.39	215.95	47.98	31.42	16.56	2.897		
1,800.00	1,768.93	1,803.73	1,776.99	9.11	8.94	-141.04	-100.10	235.85	49.69	32.22	17.47	2.845		
1,900.00	1,866.24	1,903.72	1,874.50	9.60	9.42	-140.38	-109.80	255.74	51.41	33.02	18.39	2.796		
2,000.00	1,963.56	2,003.70	1,972.00	10.10	9.91	-139.76	-119.50	275.64	53.14	33.82	19.32	2.750		
2,100.00	2,060.87	2,103.68	2,069.50	10.61	10.41	-139.17	-129.21	295.53	54.87	34.61	20.26	2.708		
2,200.00	2,158.18	2,203.67	2,167.00	11.11	10.90	-138.63	-138.91	315.42	56.61	35.40	21.21	2.669		
2,300.00	2,255.50	2,303.65	2,264.51	11.62	11.40	-138.11	-148.61	335.32	58.35	36.19	22.16	2.633		
2,400.00	2,352.81	2,403.63	2,362.01	12.13	11.90	-137.63	-158.32	355.21	60.10	36.98	23.12	2.599		
2,500.00	2,450.13	2,503.62	2,459.51	12.65	12.41	-137.17	-168.02	375.11	61.85	37.76	24.09	2.568		
2,600.00	2,547.44	2,603.60	2,557.01	13.16	12.91	-136.74	-177.72	395.00	63.61	38.55	25.06	2.538		
2,700.00	2,644.75	2,703.59	2,654.52	13.68	13.42	-136.33	-187.42	414.89	65.37	39.33	26.03	2.511		
2,800.00	2,742.07	2,803.57	2,752.02	14.20	13.93	-135.94	-197.13	434.79	67.13	40.12	27.01	2.485		
2,900.00	2,839.38	2,903.55	2,849.52	14.71	14.44	-135.57	-206.83	454.68	68.90	40.90	27.99	2.461		
3,000.00	2,936.70	3,003.54	2,947.02	15.23	14.95	-135.22	-216.53	474.58	70.66	41.69	28.98	2.439		
3,100.00	3,034.01	3,103.52	3,044.53	15.76	15.46	-134.89	-226.24	494.47	72.43	42.47	29.97	2.417		
3,200.00	3,131.32	3,203.50	3,142.03	16.28	15.98	-134.57	-235.94	514.36	74.21	43.25	30.95	2.397		
3,300.00	3,228.64	3,303.49	3,239.53	16.80	16.49	-134.27	-245.64	534.26	75.98	44.04	31.95	2.378		
3,400.00	3,325.95	3,403.47	3,337.04	17.32	17.01	-133.99	-255.35	554.15	77.76	44.82	32.94	2.361		
3,500.00	3,423.26	3,503.45	3,434.54	17.85	17.52	-133.71	-265.05	574.05	79.54	45.60	33.94	2.344		
3,600.00	3,520.58	3,603.44	3,532.04	18.37	18.04	-133.45	-274.75	593.94	81.32	46.38	34.93	2.328		
3,700.00	3,617.89	3,703.42	3,629.54	18.90	18.56	-133.20	-284.45	613.83	83.10	47.17	35.93	2.313		
3,800.00	3,715.21	3,803.40	3,727.05	19.43	19.07	-132.95	-294.16	633.73	84.88	47.95	36.93	2.298		
3,900.00	3,812.52	3,903.39	3,824.55	19.95	19.59	-132.72	-303.86	653.62	86.67	48.73	37.94	2.285		
4,000.00	3,909.83	4,003.37	3,922.05	20.48	20.11	-132.50	-313.56	673.52	88.46	49.52	38.94	2.272		
4,100.00	4,007.15	4,103.35	4,019.55	21.01	20.63	-132.29	-323.27	693.41	90.24	50.30	39.94	2.259		
4,200.00	4,104.46	4,203.34	4,117.06	21.53	21.15	-132.08	-332.97	713.30	92.03	51.08	40.95	2.247		
4,300.00	4,201.78	4,303.32	4,214.56	22.06	21.67	-131.89	-342.67	733.20	93.82	51.87	41.96	2.236		
4,400.00	4,299.09	4,403.30	4,312.06	22.59	22.19	-131.70	-352.38	753.09	95.61	52.65	42.96	2.225		
4,500.00	4,396.40	4,503.29	4,409.57	23.12	22.71	-131.51	-362.08	772.99	97.41	53.43	43.97	2.215		
4,600.00	4,493.72	4,603.27	4,507.07	23.65	23.23	-131.34	-371.78	792.88	99.20	54.22	44.98	2.205		
4,700.00	4,591.03	4,703.25	4,604.57	24.18	23.75	-131.17	-381.48	812.77	100.99	55.00	45.99	2.196		
4,800.00	4,688.34	4,803.24	4,702.07	24.71	24.27	-131.01	-391.19	832.67	102.79	55.78	47.00	2.187		
4,900.00	4,785.66	4,903.22	4,799.58	25.24	24.79	-130.85	-400.89	852.56	104.58	56.57	48.02	2.178		
5,000.00	4,882.97	5,003.21	4,897.08	25.77	25.32	-130.69	-410.59	872.46	106.38	57.35	49.03	2.170		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 33C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,980.29	5,103.19	4,994.58	26.30	25.84	-130.55	-420.30	892.35	108.18	58.14	50.04	2.162		
5,200.00	5,077.60	5,203.17	5,092.08	26.83	26.36	-130.40	-430.00	912.25	109.98	58.92	51.05	2.154		
5,300.00	5,174.91	5,303.16	5,189.59	27.36	26.88	-130.27	-439.70	932.14	111.77	59.71	52.07	2.147		
5,400.00	5,272.23	5,403.14	5,287.09	27.89	27.40	-130.13	-449.41	952.03	113.57	60.49	53.08	2.140		
5,500.00	5,369.54	5,503.12	5,384.59	28.42	27.93	-130.00	-459.11	971.93	115.37	61.28	54.10	2.133		
5,600.00	5,466.86	5,603.11	5,482.09	28.95	28.45	-129.88	-468.81	991.82	117.17	62.06	55.11	2.126		
5,700.00	5,564.17	5,703.09	5,579.60	29.48	28.97	-129.75	-478.51	1,011.72	118.97	62.85	56.13	2.120		
5,800.00	5,661.48	5,803.07	5,677.10	30.01	29.50	-129.64	-488.22	1,031.61	120.78	63.63	57.14	2.114		
5,900.00	5,758.80	5,903.06	5,774.60	30.54	30.02	-129.52	-497.92	1,051.50	122.58	64.42	58.16	2.108		
6,000.00	5,856.11	6,003.04	5,872.11	31.07	30.54	-129.41	-507.62	1,071.40	124.38	65.20	59.18	2.102		
6,100.00	5,953.43	6,103.02	5,969.61	31.61	31.07	-129.30	-517.33	1,091.29	126.18	65.99	60.20	2.096		
6,200.00	6,050.74	6,203.01	6,067.11	32.14	31.59	-129.20	-527.03	1,111.19	127.99	66.77	61.21	2.091		
6,300.00	6,148.05	6,302.99	6,164.61	32.67	32.12	-129.09	-536.73	1,131.08	129.79	67.56	62.23	2.086		
6,400.00	6,245.37	6,402.97	6,262.12	33.20	32.64	-128.99	-546.43	1,150.97	131.59	68.34	63.25	2.081		
6,500.00	6,342.68	6,502.96	6,359.62	33.73	33.16	-128.90	-556.14	1,170.87	133.40	69.13	64.27	2.076		
6,520.81	6,362.93	6,523.76	6,379.91	33.85	33.27	-128.88	-558.16	1,175.01	133.77	69.29	64.48	2.075		
6,550.00	6,391.46	6,552.94	6,408.36	34.00	33.43	-134.93	-560.99	1,180.81	134.18	69.38	64.80	2.071		
6,600.00	6,440.79	6,602.74	6,456.93	34.23	33.69	-152.05	-565.82	1,190.72	134.38	68.92	65.46	2.053		
6,638.23	6,478.74	6,640.26	6,493.55	34.38	33.88	-175.31	-569.47	1,197.97	134.33	68.29	66.04	2.034		
6,650.00	6,490.44	6,651.73	6,504.81	34.43	33.94	175.90	-570.58	1,199.85	134.34	68.12	66.22	2.029		
6,700.00	6,540.10	6,700.80	6,553.30	34.60	34.17	143.05	-575.39	1,205.60	134.56	67.62	66.95	2.010		
6,750.00	6,589.46	6,750.49	6,602.70	34.76	34.37	126.49	-580.27	1,207.58	135.10	67.49	67.61	1.998		
6,800.00	6,638.22	6,800.81	6,652.72	34.92	34.54	119.71	-585.20	1,205.63	135.94	67.73	68.20	1.993		
6,850.00	6,686.09	6,851.78	6,703.08	35.07	34.70	117.24	-590.15	1,199.62	137.07	68.37	68.70	1.995		
6,900.00	6,732.75	6,903.43	6,753.46	35.24	34.87	116.82	-595.08	1,189.42	138.46	69.39	69.08	2.005		
6,950.00	6,777.94	6,955.77	6,803.50	35.42	35.04	117.46	-599.96	1,174.93	140.08	70.80	69.28	2.022		
7,000.00	6,821.36	7,008.80	6,852.82	35.61	35.22	118.68	-604.75	1,156.09	141.87	72.58	69.29	2.047		
7,050.00	6,862.75	7,062.53	6,901.03	35.83	35.42	120.21	-609.41	1,132.86	143.79	74.71	69.08	2.081		
7,100.00	6,901.85	7,116.96	6,947.71	36.06	35.64	121.90	-613.90	1,105.26	145.76	77.13	68.63	2.124		
7,150.00	6,938.43	7,172.08	6,992.41	36.32	35.89	123.65	-618.18	1,073.33	147.73	79.77	67.96	2.174		
7,200.00	6,972.26	7,227.85	7,034.67	36.61	36.17	125.39	-622.21	1,037.18	149.63	82.55	67.08	2.231		
7,250.00	7,003.13	7,284.27	7,074.06	36.93	36.48	127.08	-625.93	996.99	151.39	85.34	66.05	2.292		
7,300.00	7,030.85	7,341.28	7,110.11	37.29	36.84	128.70	-629.31	952.98	152.95	88.03	64.92	2.356		
7,350.00	7,055.25	7,398.85	7,142.38	37.68	37.24	130.22	-632.30	905.43	154.25	90.47	63.77	2.419		
7,400.00	7,076.17	7,456.90	7,170.48	38.12	37.70	131.64	-634.86	854.71	155.22	92.52	62.71	2.475		
7,450.00	7,093.50	7,515.39	7,194.01	38.60	38.22	132.93	-636.96	801.23	155.83	94.01	61.83	2.521		
7,500.00	7,107.11	7,574.22	7,212.66	39.11	38.80	134.09	-638.58	745.48	156.03	94.82	61.21	2.549		
7,550.00	7,116.94	7,633.33	7,226.16	39.66	39.42	135.12	-639.67	687.97	155.78	94.83	60.95	2.556		
7,600.00	7,122.91	7,692.62	7,234.32	40.24	40.09	136.01	-640.24	629.27	155.05	93.95	61.10	2.538		
7,650.18	7,125.00	7,752.21	7,237.00	40.85	40.80	136.75	-640.26	569.76	153.82	92.12	61.71	2.493		
7,700.00	7,125.12	7,801.65	7,237.10	41.48	41.43	137.28	-640.07	520.31	152.47	90.21	62.27	2.449		
7,800.00	7,125.36	7,901.57	7,237.28	42.88	42.81	138.36	-639.68	420.39	149.80	86.32	63.48	2.360		
7,900.00	7,125.60	8,001.50	7,237.47	44.42	44.34	139.49	-639.29	320.47	147.18	82.43	64.75	2.273		
8,000.00	7,125.84	8,101.42	7,237.65	46.10	46.00	140.66	-638.90	220.55	144.62	78.57	66.05	2.190		
8,100.00	7,126.08	8,201.34	7,237.84	47.89	47.78	141.86	-638.51	120.63	142.13	74.79	67.34	2.111		
8,200.00	7,126.32	8,301.27	7,238.03	49.79	49.66	143.12	-638.11	20.70	139.70	71.11	68.59	2.037		
8,300.00	7,126.56	8,401.19	7,238.21	51.79	51.63	144.41	-637.72	-79.22	137.33	67.57	69.77	1.968		
8,400.00	7,126.80	8,501.11	7,238.40	53.86	53.69	145.75	-637.33	-179.14	135.04	64.20	70.85	1.906		
8,500.00	7,127.04	8,601.04	7,238.59	56.00	55.82	147.13	-636.94	-279.06	132.83	61.03	71.80	1.850		
8,600.00	7,127.28	8,700.96	7,238.77	58.21	58.01	148.56	-636.55	-378.99	130.70	58.09	72.61	1.800		
8,689.38	7,127.49	8,809.73	7,238.94	60.24	60.46	149.88	-636.20	-468.30	128.86	55.40	73.46	1.754		
8,700.00	7,127.52	8,800.88	7,238.96	60.48	60.26	150.03	-636.16	-478.91	128.66	55.39	73.27	1.756		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 33C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	8,900.86	7,239.14	62.79	62.56	150.71	-635.77	-578.89	127.72	52.74	74.97	1.704		
8,804.48	7,127.77	8,905.34	7,239.15	62.89	62.66	150.71	-635.75	-583.36	127.72	52.62	75.10	1.701		
8,841.07	7,127.85	8,941.93	7,239.22	63.74	63.52	150.60	-635.61	-619.95	127.83	51.57	76.26	1.676		
8,900.00	7,128.00	9,000.85	7,239.33	65.12	64.90	150.28	-635.38	-678.88	128.20	49.83	78.37	1.636		
9,000.00	7,128.23	9,100.85	7,239.52	67.50	67.29	149.74	-634.99	-778.87	128.84	46.81	82.03	1.571		
9,100.00	7,128.47	9,200.84	7,239.70	69.91	69.71	149.20	-634.60	-878.86	129.49	43.72	85.77	1.510		
9,200.00	7,128.71	9,300.83	7,239.89	72.35	72.17	148.67	-634.21	-978.85	130.16	40.57	89.59	1.453 Level 3		
9,300.00	7,128.95	9,400.82	7,240.08	74.83	74.65	148.15	-633.82	-1,078.84	130.83	37.35	93.48	1.400 Level 3		
9,400.00	7,129.19	9,500.81	7,240.26	77.33	77.16	147.63	-633.43	-1,178.83	131.51	34.06	97.45	1.350 Level 3		
9,500.00	7,129.43	9,600.80	7,240.45	79.86	79.70	147.11	-633.04	-1,278.82	132.21	30.72	101.49	1.303 Level 3		
9,600.00	7,129.67	9,700.79	7,240.63	82.41	82.25	146.60	-632.65	-1,378.81	132.92	27.32	105.59	1.259 Level 3		
9,700.00	7,129.91	9,800.78	7,240.82	84.97	84.83	146.10	-632.26	-1,478.80	133.63	23.87	109.77	1.217 Level 2		
9,800.00	7,130.15	9,900.77	7,241.01	87.56	87.42	145.60	-631.87	-1,578.78	134.36	20.35	114.00	1.179 Level 2		
9,900.00	7,130.39	10,000.76	7,241.19	90.16	90.03	145.11	-631.48	-1,678.77	135.09	16.79	118.30	1.142 Level 2		
10,000.00	7,130.63	10,100.75	7,241.38	92.78	92.66	144.62	-631.08	-1,778.76	135.84	13.18	122.66	1.107 Level 2		
10,100.00	7,130.87	10,200.74	7,241.57	95.41	95.30	144.14	-630.69	-1,878.75	136.60	9.52	127.08	1.075 Level 2		
10,200.00	7,131.11	10,300.73	7,241.75	98.06	97.95	143.66	-630.30	-1,978.74	137.36	5.81	131.55	1.044 Level 2		
10,300.00	7,131.35	10,400.72	7,241.94	100.71	100.61	143.19	-629.91	-2,078.73	138.14	2.06	136.08	1.015 Level 2		
10,400.00	7,131.59	10,500.71	7,242.12	103.38	103.28	142.72	-629.52	-2,178.72	138.92	-1.74	140.66	0.988 Level 1		
10,500.00	7,131.83	10,600.70	7,242.31	106.06	105.97	142.26	-629.13	-2,278.71	139.72	-5.57	145.29	0.962 Level 1		
10,600.00	7,132.07	10,700.69	7,242.50	108.74	108.66	141.81	-628.74	-2,378.70	140.52	-9.45	149.97	0.937 Level 1		
10,700.00	7,132.31	10,800.69	7,242.68	111.44	111.36	141.36	-628.35	-2,478.69	141.33	-13.37	154.70	0.914 Level 1		
10,800.00	7,132.55	10,900.68	7,242.87	114.14	114.07	140.91	-627.96	-2,578.68	142.15	-17.32	159.47	0.891 Level 1		
10,900.00	7,132.79	11,000.67	7,243.06	116.85	116.78	140.47	-627.57	-2,678.67	142.98	-21.31	164.29	0.870 Level 1		
11,000.00	7,133.03	11,100.66	7,243.24	119.57	119.51	140.03	-627.18	-2,778.66	143.81	-25.33	169.15	0.850 Level 1		
11,100.00	7,133.27	11,200.65	7,243.43	122.29	122.23	139.60	-626.79	-2,878.65	144.66	-29.39	174.05	0.831 Level 1		
11,200.00	7,133.51	11,300.64	7,243.61	125.02	124.97	139.18	-626.40	-2,978.64	145.51	-33.48	178.99	0.813 Level 1		
11,300.00	7,133.74	11,400.63	7,243.80	127.76	127.71	138.76	-626.01	-3,078.63	146.37	-37.60	183.97	0.796 Level 1		
11,400.00	7,133.98	11,500.62	7,243.99	130.50	130.46	138.34	-625.62	-3,178.62	147.24	-41.75	188.99	0.779 Level 1		
11,500.00	7,134.22	11,600.61	7,244.17	133.24	133.21	137.93	-625.22	-3,278.61	148.12	-45.93	194.05	0.763 Level 1		
11,600.00	7,134.46	11,700.60	7,244.36	135.99	135.96	137.53	-624.83	-3,378.60	149.00	-50.13	199.13	0.748 Level 1		
11,700.00	7,134.70	11,800.59	7,244.55	138.75	138.72	137.13	-624.44	-3,478.59	149.89	-54.36	204.26	0.734 Level 1		
11,800.00	7,134.94	11,900.58	7,244.73	141.51	141.48	136.73	-624.05	-3,578.58	150.79	-58.62	209.41	0.720 Level 1		
11,900.00	7,135.18	12,000.57	7,244.92	144.27	144.25	136.34	-623.66	-3,678.57	151.70	-62.90	214.60	0.707 Level 1		
12,000.00	7,135.42	12,100.56	7,245.11	147.03	147.02	135.95	-623.27	-3,778.56	152.61	-67.21	219.82	0.694 Level 1		
12,100.00	7,135.66	12,200.55	7,245.29	149.80	149.80	135.57	-622.88	-3,878.55	153.53	-71.54	225.07	0.682 Level 1		
12,200.00	7,135.90	12,300.54	7,245.48	152.58	152.57	135.19	-622.49	-3,978.54	154.46	-75.89	230.34	0.671 Level 1		
12,300.00	7,136.14	12,400.53	7,245.66	155.35	155.35	134.82	-622.10	-4,078.53	155.39	-80.26	235.65	0.659 Level 1		
12,400.00	7,136.38	12,500.52	7,245.85	158.13	158.14	134.45	-621.71	-4,178.52	156.33	-84.65	240.98	0.649 Level 1		
12,500.00	7,136.62	12,600.52	7,246.04	160.91	160.92	134.09	-621.32	-4,278.51	157.27	-89.06	246.33	0.638 Level 1		
12,600.00	7,136.86	12,700.51	7,246.22	163.70	163.71	133.73	-620.93	-4,378.49	158.23	-93.48	251.71	0.629 Level 1		
12,700.00	7,137.10	12,800.50	7,246.41	166.48	166.50	133.37	-620.54	-4,478.48	159.18	-97.93	257.11	0.619 Level 1		
12,800.00	7,137.34	12,900.49	7,246.60	169.27	169.30	133.02	-620.15	-4,578.47	160.15	-102.39	262.54	0.610 Level 1		
12,900.00	7,137.58	13,000.48	7,246.78	172.06	172.09	132.68	-619.76	-4,678.46	161.12	-106.87	267.98	0.601 Level 1		
13,000.00	7,137.82	13,100.47	7,246.97	174.86	174.89	132.33	-619.37	-4,778.45	162.09	-111.36	273.45	0.593 Level 1		
13,100.00	7,138.06	13,200.46	7,247.15	177.65	177.69	131.99	-618.97	-4,878.44	163.08	-115.87	278.94	0.585 Level 1		
13,200.00	7,138.30	13,300.45	7,247.34	180.45	180.49	131.66	-618.58	-4,978.43	164.06	-120.39	284.45	0.577 Level 1		
13,300.00	7,138.54	13,400.44	7,247.53	183.25	183.30	131.33	-618.19	-5,078.42	165.06	-124.92	289.98	0.569 Level 1		
13,400.00	7,138.78	13,500.43	7,247.71	186.05	186.10	131.00	-617.80	-5,178.41	166.05	-129.47	295.52	0.562 Level 1		
13,500.00	7,139.02	13,600.42	7,247.90	188.85	188.91	130.68	-617.41	-5,278.40	167.06	-134.03	301.09	0.555 Level 1		
13,600.00	7,139.25	13,700.41	7,248.09	191.65	191.72	130.36	-617.02	-5,378.39	168.07	-138.60	306.67	0.548 Level 1		
13,700.00	7,139.49	13,800.40	7,248.27	194.46	194.53	130.05	-616.63	-5,478.38	169.08	-143.18	312.26	0.541 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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 33C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,139.73	13,900.39	7,248.46	197.27	197.34	129.74	-616.24	-5,578.37	170.10	-147.78	317.88	0.535 Level 1		
13,900.00	7,139.97	14,000.38	7,248.64	200.08	200.15	129.43	-615.85	-5,678.36	171.12	-152.38	323.50	0.529 Level 1		
14,000.00	7,140.21	14,100.37	7,248.83	202.89	202.97	129.12	-615.46	-5,778.35	172.15	-156.99	329.14	0.523 Level 1		
14,100.00	7,140.45	14,200.36	7,249.02	205.70	205.78	128.82	-615.07	-5,878.34	173.19	-161.61	334.80	0.517 Level 1		
14,200.00	7,140.69	14,300.35	7,249.20	208.51	208.60	128.53	-614.68	-5,978.33	174.22	-166.24	340.47	0.512 Level 1		
14,300.00	7,140.93	14,400.35	7,249.39	211.32	211.42	128.23	-614.29	-6,078.32	175.27	-170.88	346.15	0.506 Level 1		
14,400.00	7,141.17	14,500.34	7,249.58	214.14	214.24	127.94	-613.90	-6,178.31	176.31	-175.53	351.84	0.501 Level 1		
14,500.00	7,141.41	14,600.33	7,249.76	216.95	217.06	127.66	-613.51	-6,278.30	177.37	-180.18	357.55	0.496 Level 1		
14,600.00	7,141.65	14,700.32	7,249.95	219.77	219.88	127.38	-613.11	-6,378.29	178.42	-184.84	363.27	0.491 Level 1		
14,700.00	7,141.89	14,800.31	7,250.13	222.59	222.70	127.10	-612.72	-6,478.28	179.48	-189.51	368.99	0.486 Level 1		
14,800.00	7,142.13	14,900.30	7,250.32	225.41	225.52	126.82	-612.33	-6,578.27	180.55	-194.18	374.73	0.482 Level 1		
14,900.00	7,142.37	15,000.29	7,250.51	228.23	228.35	126.55	-611.94	-6,678.26	181.62	-198.86	380.48	0.477 Level 1		
15,000.00	7,142.61	15,100.28	7,250.69	231.05	231.17	126.28	-611.55	-6,778.25	182.69	-203.55	386.24	0.473 Level 1		
15,100.00	7,142.85	15,200.27	7,250.88	233.87	234.00	126.01	-611.16	-6,878.24	183.77	-208.24	392.01	0.469 Level 1		
15,200.00	7,143.09	15,300.26	7,251.07	236.69	236.83	125.75	-610.77	-6,978.23	184.85	-212.93	397.78	0.465 Level 1		
15,300.00	7,143.33	15,400.25	7,251.25	239.52	239.65	125.49	-610.38	-7,078.21	185.93	-217.64	403.57	0.461 Level 1		
15,400.00	7,143.57	15,500.24	7,251.44	242.34	242.48	125.23	-609.99	-7,178.20	187.02	-222.34	409.36	0.457 Level 1		
15,500.00	7,143.81	15,600.23	7,251.62	245.17	245.31	124.98	-609.60	-7,278.19	188.11	-227.05	415.16	0.453 Level 1		
15,600.00	7,144.05	15,700.22	7,251.81	247.99	248.14	124.72	-609.21	-7,378.18	189.21	-231.76	420.97	0.449 Level 1		
15,700.00	7,144.29	15,800.21	7,252.00	250.82	250.97	124.48	-608.82	-7,478.17	190.31	-236.48	426.78	0.446 Level 1		
15,800.00	7,144.53	15,900.20	7,252.18	253.64	253.80	124.23	-608.43	-7,578.16	191.41	-241.20	432.61	0.442 Level 1		
15,900.00	7,144.76	16,000.19	7,252.37	256.47	256.63	123.99	-608.04	-7,678.15	192.52	-245.92	438.44	0.439 Level 1		
16,000.00	7,145.00	16,100.19	7,252.56	259.30	259.47	123.75	-607.65	-7,778.14	193.63	-250.64	444.27	0.436 Level 1		
16,100.00	7,145.24	16,200.18	7,252.74	262.13	262.30	123.51	-607.26	-7,878.13	194.74	-255.37	450.11	0.433 Level 1		
16,200.00	7,145.48	16,300.17	7,252.93	264.96	265.13	123.27	-606.86	-7,978.12	195.86	-260.10	455.96	0.430 Level 1		
16,300.00	7,145.72	16,400.16	7,253.12	267.79	267.97	123.04	-606.47	-8,078.11	196.98	-264.84	461.81	0.427 Level 1		
16,400.00	7,145.96	16,500.15	7,253.30	270.62	270.80	122.81	-606.08	-8,178.10	198.10	-269.57	467.67	0.424 Level 1		
16,500.00	7,146.20	16,600.14	7,253.49	273.45	273.64	122.59	-605.69	-8,278.09	199.23	-274.31	473.53	0.421 Level 1		
16,600.00	7,146.44	16,700.13	7,253.67	276.28	276.48	122.36	-605.30	-8,378.08	200.36	-279.05	479.40	0.418 Level 1		
16,700.00	7,146.68	16,800.12	7,253.86	279.12	279.31	122.14	-604.91	-8,478.07	201.49	-283.79	485.28	0.415 Level 1		
16,800.00	7,146.92	16,900.11	7,254.05	281.95	282.15	121.92	-604.52	-8,578.06	202.62	-288.53	491.15	0.413 Level 1		
16,900.00	7,147.16	17,000.10	7,254.23	284.78	284.99	121.70	-604.13	-8,678.05	203.76	-293.27	497.03	0.410 Level 1		
17,000.00	7,147.40	17,100.09	7,254.42	287.62	287.82	121.49	-603.74	-8,778.04	204.90	-298.01	502.92	0.407 Level 1		
17,100.00	7,147.64	17,200.08	7,254.61	290.45	290.66	121.28	-603.35	-8,878.03	206.05	-302.76	508.81	0.405 Level 1		
17,200.00	7,147.88	17,300.07	7,254.79	293.28	293.50	121.07	-602.96	-8,978.02	207.19	-307.51	514.70	0.403 Level 1		
17,300.00	7,148.12	17,400.06	7,254.98	296.12	296.34	120.86	-602.57	-9,078.01	208.34	-312.25	520.60	0.400 Level 1		
17,400.00	7,148.36	17,500.05	7,255.16	298.95	299.18	120.66	-602.18	-9,178.00	209.50	-317.00	526.49	0.398 Level 1		
17,500.00	7,148.60	17,600.04	7,255.35	301.79	302.02	120.45	-601.79	-9,277.99	210.65	-321.75	532.40	0.396 Level 1		
17,600.00	7,148.84	17,700.03	7,255.54	304.63	304.86	120.25	-601.40	-9,377.98	211.81	-326.49	538.30	0.393 Level 1		
17,700.00	7,149.08	17,800.02	7,255.72	307.46	307.70	120.05	-601.01	-9,477.97	212.97	-331.24	544.21	0.391 Level 1		
17,800.00	7,149.32	17,900.02	7,255.91	310.30	310.54	119.86	-600.61	-9,577.96	214.13	-335.99	550.12	0.389 Level 1		
17,900.00	7,149.56	18,000.01	7,256.10	313.14	313.39	119.66	-600.22	-9,677.95	215.30	-340.74	556.03	0.387 Level 1		
18,000.00	7,149.80	18,100.00	7,256.28	315.98	316.23	119.47	-599.83	-9,777.93	216.46	-345.49	561.95	0.385 Level 1		
18,100.00	7,150.04	18,200.01	7,256.47	318.81	319.07	119.28	-599.44	-9,877.92	217.63	-350.23	567.87	0.383 Level 1		
18,200.00	7,150.27	18,300.02	7,256.65	321.65	321.91	119.09	-599.05	-9,977.91	218.81	-354.98	573.79	0.381 Level 1		
18,300.00	7,150.51	18,400.03	7,256.84	324.49	324.76	118.91	-598.66	-10,077.90	219.98	-359.73	579.71	0.379 Level 1		
18,400.00	7,150.75	18,500.04	7,257.03	327.33	327.60	118.72	-598.27	-10,177.89	221.16	-364.48	585.63	0.378 Level 1		
18,500.00	7,150.99	18,600.05	7,257.21	330.17	330.45	118.54	-597.88	-10,277.88	222.34	-369.22	591.56	0.376 Level 1		
18,600.00	7,151.23	18,700.06	7,257.40	333.01	333.29	118.36	-597.49	-10,377.87	223.52	-373.97	597.49	0.374 Level 1		
18,700.00	7,151.47	18,800.07	7,257.59	335.85	336.13	118.18	-597.10	-10,477.86	224.70	-378.71	603.42	0.372 Level 1		
18,800.00	7,151.71	18,900.08	7,257.77	338.69	338.98	118.01	-596.71	-10,577.85	225.89	-383.46	609.35	0.371 Level 1		
18,900.00	7,151.95	19,000.09	7,257.96	341.53	341.83	117.83	-596.32	-10,677.84	227.08	-388.20	615.28	0.369 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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 33C-9-L - OH - Plan #1												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1												<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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
18,920.23	7,152.00	19,020.14	7,258.00	342.10	342.40	117.80	-596.24	-10,698.07	227.32	-389.16	616.47	0.369	Level 1, ES, SF

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	300.17	300.15	3.44	3.44	-119.07	29.57	2.00	30.45	23.56	6.88	4.423		
400.00	399.84	400.31	400.15	3.60	3.60	-117.97	28.66	7.17	32.17	24.98	7.19	4.474		
500.00	499.45	500.42	499.86	3.80	3.80	-116.36	27.14	15.78	35.06	27.46	7.59	4.617		
600.00	598.70	600.45	599.15	4.04	4.05	-114.52	25.02	27.80	39.13	31.05	8.08	4.841		
700.00	697.47	700.40	697.86	4.33	4.34	-112.63	22.30	43.21	44.41	35.76	8.65	5.132		
800.00	795.62	800.24	795.85	4.65	4.66	-110.85	18.99	61.98	50.89	41.59	9.30	5.470		
865.50	859.53	865.55	859.73	4.89	4.89	-110.47	16.62	75.43	55.79	46.03	9.77	5.712		
900.00	893.10	900.06	893.36	5.02	5.02	-110.70	15.37	82.51	58.52	48.49	10.02	5.839		
1,000.00	990.42	1,000.37	990.84	5.41	5.41	-111.25	11.75	103.04	66.41	55.61	10.79	6.152		
1,100.00	1,087.73	1,100.68	1,088.32	5.83	5.82	-111.69	8.13	123.57	74.30	62.70	11.61	6.402		
1,200.00	1,185.05	1,201.00	1,185.81	6.27	6.24	-112.05	4.51	144.09	82.21	69.75	12.45	6.601		
1,300.00	1,282.36	1,301.31	1,283.29	6.72	6.68	-112.34	0.89	164.62	90.11	76.78	13.33	6.762		
1,400.00	1,379.67	1,401.62	1,380.77	7.18	7.12	-112.58	-2.72	185.15	98.01	83.79	14.22	6.892		
1,500.00	1,476.99	1,501.94	1,478.25	7.65	7.58	-112.79	-6.34	205.68	105.92	90.79	15.13	6.999		
1,600.00	1,574.30	1,602.25	1,575.74	8.13	8.04	-112.97	-9.96	226.21	113.83	97.77	16.06	7.087		
1,700.00	1,671.61	1,702.57	1,673.22	8.62	8.51	-113.13	-13.58	246.74	121.74	104.74	17.00	7.160		
1,800.00	1,768.93	1,802.88	1,770.70	9.11	8.99	-113.26	-17.20	267.26	129.65	111.69	17.95	7.222		
1,900.00	1,866.24	1,903.19	1,868.18	9.60	9.47	-113.38	-20.82	287.79	137.56	118.65	18.91	7.274		
2,000.00	1,963.56	2,003.51	1,965.67	10.10	9.95	-113.49	-24.44	308.32	145.47	125.59	19.88	7.318		
2,100.00	2,060.87	2,103.82	2,063.15	10.61	10.44	-113.59	-28.06	328.85	153.38	132.53	20.85	7.356		
2,200.00	2,158.18	2,204.13	2,160.63	11.11	10.93	-113.68	-31.68	349.38	161.29	139.46	21.83	7.388		
2,300.00	2,255.50	2,304.45	2,258.11	11.62	11.42	-113.76	-35.30	369.91	169.20	146.39	22.81	7.417		
2,400.00	2,352.81	2,404.76	2,355.60	12.13	11.92	-113.83	-38.92	390.43	177.11	153.31	23.80	7.441		
2,500.00	2,450.13	2,505.08	2,453.08	12.65	12.41	-113.89	-42.54	410.96	185.03	160.23	24.79	7.462		
2,600.00	2,547.44	2,605.39	2,550.56	13.16	12.91	-113.95	-46.16	431.49	192.94	167.15	25.79	7.481		
2,700.00	2,644.75	2,705.70	2,648.04	13.68	13.41	-114.01	-49.78	452.02	200.85	174.06	26.79	7.498		
2,800.00	2,742.07	2,806.02	2,745.53	14.20	13.91	-114.06	-53.40	472.55	208.76	180.98	27.79	7.512		
2,900.00	2,839.38	2,906.33	2,843.01	14.71	14.41	-114.11	-57.02	493.08	216.68	187.88	28.79	7.525		
3,000.00	2,936.70	3,006.64	2,940.49	15.23	14.91	-114.15	-60.64	513.60	224.59	194.79	29.80	7.537		
3,100.00	3,034.01	3,106.96	3,037.97	15.76	15.42	-114.19	-64.26	534.13	232.50	201.70	30.81	7.547		
3,200.00	3,131.32	3,207.27	3,135.46	16.28	15.92	-114.23	-67.88	554.66	240.42	208.60	31.82	7.557		
3,300.00	3,228.64	3,307.59	3,232.94	16.80	16.43	-114.27	-71.50	575.19	248.33	215.51	32.83	7.565		
3,400.00	3,325.95	3,407.90	3,330.42	17.32	16.93	-114.30	-75.12	595.72	256.25	222.41	33.84	7.572		
3,500.00	3,423.26	3,508.21	3,427.90	17.85	17.44	-114.34	-78.74	616.25	264.16	229.31	34.85	7.579		
3,600.00	3,520.58	3,608.53	3,525.39	18.37	17.95	-114.37	-82.36	636.77	272.07	236.21	35.87	7.585		
3,700.00	3,617.89	3,708.84	3,622.87	18.90	18.46	-114.39	-85.98	657.30	279.99	243.10	36.88	7.591		
3,800.00	3,715.21	3,809.15	3,720.35	19.43	18.96	-114.42	-89.60	677.83	287.90	250.00	37.90	7.596		
3,900.00	3,812.52	3,909.47	3,817.83	19.95	19.47	-114.45	-93.22	698.36	295.82	256.90	38.92	7.601		
4,000.00	3,909.83	4,009.78	3,915.32	20.48	19.98	-114.47	-96.84	718.89	303.73	263.79	39.94	7.605		
4,100.00	4,007.15	4,089.90	4,012.80	21.01	20.39	-114.49	-100.46	739.42	311.64	270.79	40.85	7.628		
4,200.00	4,104.46	4,189.59	4,110.28	21.53	20.90	-114.51	-104.08	759.95	319.56	277.69	41.87	7.632		
4,300.00	4,201.78	4,289.28	4,207.76	22.06	21.40	-114.54	-107.70	780.47	327.47	284.58	42.89	7.635		
4,400.00	4,299.09	4,388.96	4,305.24	22.59	21.91	-114.56	-111.32	801.00	335.39	291.48	43.91	7.638		
4,500.00	4,396.40	4,488.65	4,402.73	23.12	22.42	-114.57	-114.94	821.53	343.30	298.37	44.93	7.641		
4,600.00	4,493.72	4,588.34	4,500.21	23.65	22.93	-114.59	-118.56	842.06	351.22	305.27	45.95	7.644		
4,700.00	4,591.03	4,688.02	4,597.69	24.18	23.43	-114.61	-122.18	862.59	359.13	312.16	46.97	7.646		
4,800.00	4,688.34	4,787.71	4,695.17	24.71	23.94	-114.63	-125.79	883.12	367.04	319.06	47.99	7.649		
4,900.00	4,785.66	4,887.39	4,792.66	25.24	24.45	-114.64	-129.41	903.64	374.96	325.95	49.01	7.651		
5,000.00	4,882.97	4,987.08	4,890.14	25.77	24.96	-114.66	-133.03	924.17	382.87	332.84	50.03	7.653		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,086.77	4,987.62	26.30	25.47	-114.67	-136.65	944.70	390.79	339.74	51.05	7.655		
5,200.00	5,077.60	5,186.45	5,085.10	26.83	25.98	-114.68	-140.27	965.23	398.70	346.63	52.08	7.656		
5,300.00	5,174.91	5,286.14	5,182.59	27.36	26.49	-114.70	-143.89	985.76	406.62	353.52	53.10	7.658		
5,400.00	5,272.23	5,385.83	5,280.07	27.89	27.00	-114.71	-147.51	1,006.29	414.53	360.41	54.12	7.659		
5,500.00	5,369.54	5,485.51	5,377.55	28.42	27.51	-114.72	-151.13	1,026.81	422.45	367.30	55.14	7.661		
5,600.00	5,466.86	5,585.20	5,475.03	28.95	28.02	-114.73	-154.75	1,047.34	430.36	374.19	56.17	7.662		
5,700.00	5,564.17	5,684.88	5,572.52	29.48	28.53	-114.75	-158.37	1,067.87	438.28	381.08	57.19	7.663		
5,800.00	5,661.48	5,784.57	5,670.00	30.01	29.04	-114.76	-161.99	1,088.40	446.19	387.97	58.22	7.664		
5,900.00	5,758.80	5,884.26	5,767.48	30.54	29.55	-114.77	-165.61	1,108.93	454.11	394.86	59.24	7.665		
6,000.00	5,856.11	5,983.94	5,864.96	31.07	30.06	-114.78	-169.23	1,129.46	462.02	401.75	60.27	7.666		
6,100.00	5,953.43	6,083.63	5,962.45	31.61	30.57	-114.79	-172.85	1,149.98	469.93	408.64	61.29	7.667		
6,200.00	6,050.74	6,183.32	6,059.93	32.14	31.08	-114.80	-176.47	1,170.51	477.85	415.53	62.32	7.668		
6,300.00	6,148.05	6,283.00	6,157.41	32.67	31.59	-114.81	-180.09	1,191.04	485.76	422.42	63.34	7.669		
6,400.00	6,245.37	6,388.35	6,261.44	33.20	32.08	-115.54	-183.98	1,206.53	493.19	428.86	64.32	7.667		
6,500.00	6,342.68	6,490.30	6,363.19	33.73	32.45	-118.10	-187.84	1,205.18	499.88	434.84	65.04	7.686		
6,520.81	6,362.93	6,510.49	6,383.25	33.85	32.52	-118.81	-188.61	1,202.98	501.34	436.18	65.16	7.694		
6,550.00	6,391.46	6,538.34	6,410.77	34.00	32.61	-126.35	-189.66	1,198.91	503.51	438.19	65.32	7.708		
6,600.00	6,440.79	6,585.17	6,456.57	34.23	32.77	-147.31	-191.44	1,189.35	507.50	441.94	65.56	7.741		
6,650.00	6,490.44	6,630.99	6,500.59	34.43	32.94	175.53	-193.15	1,176.77	511.80	446.04	65.77	7.782		
6,700.00	6,540.10	6,675.88	6,542.73	34.60	33.11	137.48	-194.80	1,161.40	516.34	450.41	65.94	7.831		
6,750.00	6,589.46	6,719.94	6,582.93	34.76	33.30	115.79	-196.39	1,143.46	521.06	454.97	66.08	7.885		
6,800.00	6,638.22	6,763.23	6,621.13	34.92	33.49	103.99	-197.91	1,123.16	525.87	459.66	66.21	7.942		
6,850.00	6,686.09	6,805.83	6,657.29	35.07	33.69	96.62	-199.37	1,100.70	530.71	464.38	66.32	8.002		
6,900.00	6,732.75	6,847.80	6,691.36	35.24	33.90	91.48	-200.75	1,076.26	535.50	469.08	66.42	8.062		
6,950.00	6,777.94	6,889.20	6,723.33	35.42	34.14	87.58	-202.05	1,050.00	540.19	473.67	66.52	8.121		
7,000.00	6,821.36	6,930.08	6,753.15	35.61	34.38	84.48	-203.29	1,022.07	544.69	478.07	66.62	8.176		
7,050.00	6,862.75	6,970.50	6,780.82	35.83	34.65	81.93	-204.44	992.64	548.96	482.22	66.74	8.226		
7,100.00	6,901.85	7,010.49	6,806.31	36.06	34.93	79.79	-205.52	961.85	552.92	486.04	66.88	8.267		
7,150.00	6,938.43	7,050.00	6,829.54	36.32	35.24	77.98	-206.52	929.92	556.53	489.46	67.06	8.299		
7,200.00	6,972.26	7,089.40	6,850.69	36.61	35.57	76.43	-207.44	896.69	559.73	492.42	67.31	8.315		
7,250.00	7,003.13	7,128.39	6,869.56	36.93	35.92	75.10	-208.28	862.59	562.48	494.85	67.64	8.316		
7,300.00	7,030.85	7,167.12	6,886.20	37.29	36.29	73.99	-209.04	827.63	564.75	496.70	68.05	8.299		
7,350.00	7,055.25	7,205.62	6,900.62	37.68	36.68	73.06	-209.72	791.94	566.50	497.94	68.56	8.263		
7,400.00	7,076.17	7,243.93	6,912.79	38.12	37.09	72.30	-210.31	755.63	567.70	498.52	69.18	8.206		
7,450.00	7,093.50	7,282.08	6,922.72	38.60	37.52	71.71	-210.82	718.81	568.32	498.40	69.92	8.128		
7,500.00	7,107.11	7,320.10	6,930.41	39.11	37.97	71.27	-211.25	681.59	568.36	497.58	70.77	8.031		
7,550.00	7,116.94	7,358.01	6,935.85	39.66	38.44	70.98	-211.59	644.08	567.79	496.05	71.74	7.914		
7,600.00	7,122.91	7,395.84	6,939.04	40.24	38.91	70.85	-211.85	606.38	566.62	493.79	72.82	7.781		
7,650.18	7,125.00	7,435.26	6,940.02	40.85	39.43	70.86	-212.03	566.98	564.82	490.81	74.01	7.632		
7,700.00	7,125.12	7,485.03	6,940.15	41.48	40.10	70.78	-212.22	517.21	562.61	487.36	75.25	7.477		
7,800.00	7,125.36	7,584.92	6,940.42	42.88	41.58	70.62	-212.59	417.33	558.18	480.21	77.96	7.159		
7,900.00	7,125.60	7,684.81	6,940.68	44.42	43.19	70.47	-212.97	317.44	553.75	472.81	80.94	6.842		
8,000.00	7,125.84	7,784.70	6,940.95	46.10	44.92	70.31	-213.34	217.55	549.33	465.18	84.15	6.528		
8,100.00	7,126.08	7,884.59	6,941.21	47.89	46.77	70.14	-213.72	117.66	544.91	457.35	87.56	6.223		
8,200.00	7,126.32	7,984.48	6,941.48	49.79	48.71	69.98	-214.09	17.77	540.49	449.34	91.16	5.929		
8,300.00	7,126.56	8,084.37	6,941.74	51.79	50.74	69.81	-214.47	-82.12	536.08	441.17	94.91	5.648		
8,400.00	7,126.80	8,184.26	6,942.01	53.86	52.85	69.64	-214.84	-182.01	531.68	432.88	98.80	5.382		
8,500.00	7,127.04	8,284.15	6,942.28	56.00	55.02	69.46	-215.22	-281.90	527.27	424.47	102.81	5.129		
8,600.00	7,127.28	8,384.04	6,942.54	58.21	57.26	69.28	-215.59	-381.79	522.88	415.96	106.92	4.890		
8,689.38	7,127.49	8,473.32	6,942.78	60.24	59.30	69.12	-215.93	-471.07	518.95	408.28	110.67	4.689		
8,700.00	7,127.52	8,483.93	6,942.81	60.48	59.55	69.11	-215.97	-481.68	518.51	407.38	111.12	4.666		
8,800.00	7,127.76	8,583.89	6,943.07	62.79	61.89	69.03	-216.34	-581.64	516.09	400.63	115.47	4.470		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 33N-9A-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,823.98	7,127.81	8,607.87	6,943.14	63.34	62.45	69.03	-216.43	-605.62	516.00	399.47	116.53	4.428		
8,841.07	7,127.85	8,624.96	6,943.18	63.74	62.86	69.03	-216.50	-622.71	516.05	398.75	117.30	4.399		
8,900.00	7,128.00	8,683.89	6,943.34	65.12	64.27	69.05	-216.72	-681.64	516.38	396.41	119.96	4.304		
9,000.00	7,128.23	8,783.89	6,943.61	67.50	66.69	69.07	-217.09	-781.63	516.93	392.39	124.55	4.151		
9,100.00	7,128.47	8,883.89	6,943.87	69.91	69.14	69.10	-217.47	-881.63	517.49	388.30	129.19	4.006		
9,200.00	7,128.71	8,983.88	6,944.14	72.35	71.62	69.13	-217.84	-981.63	518.05	384.15	133.90	3.869		
9,300.00	7,128.95	9,083.88	6,944.40	74.83	74.13	69.15	-218.22	-1,081.62	518.60	379.95	138.65	3.740		
9,400.00	7,129.19	9,183.88	6,944.67	77.33	76.67	69.18	-218.59	-1,181.62	519.16	375.70	143.46	3.619		
9,500.00	7,129.43	9,283.88	6,944.94	79.86	79.22	69.21	-218.97	-1,281.62	519.72	371.41	148.31	3.504		
9,600.00	7,129.67	9,383.88	6,945.20	82.41	81.80	69.23	-219.34	-1,381.61	520.28	367.08	153.19	3.396		
9,700.00	7,129.91	9,483.87	6,945.47	84.97	84.39	69.26	-219.72	-1,481.61	520.84	362.72	158.12	3.294		
9,800.00	7,130.15	9,583.87	6,945.73	87.56	87.00	69.29	-220.10	-1,581.61	521.39	358.32	163.07	3.197		
9,900.00	7,130.39	9,683.87	6,946.00	90.16	89.63	69.31	-220.47	-1,681.61	521.95	353.89	168.06	3.106		
10,000.00	7,130.63	9,783.87	6,946.27	92.78	92.27	69.34	-220.85	-1,781.60	522.51	349.44	173.07	3.019		
10,100.00	7,130.87	9,883.87	6,946.53	95.41	94.92	69.37	-221.22	-1,881.60	523.07	344.96	178.11	2.937		
10,200.00	7,131.11	9,983.87	6,946.80	98.06	97.59	69.39	-221.60	-1,981.60	523.63	340.45	183.17	2.859		
10,300.00	7,131.35	10,083.86	6,947.06	100.71	100.26	69.42	-221.97	-2,081.59	524.18	335.93	188.26	2.784		
10,400.00	7,131.59	10,183.86	6,947.33	103.38	102.95	69.44	-222.35	-2,181.59	524.74	331.38	193.36	2.714		
10,500.00	7,131.83	10,283.86	6,947.60	106.06	105.64	69.47	-222.72	-2,281.59	525.30	326.82	198.48	2.647		
10,600.00	7,132.07	10,383.86	6,947.86	108.74	108.35	69.50	-223.10	-2,381.59	525.86	322.24	203.62	2.583		
10,700.00	7,132.31	10,483.86	6,948.13	111.44	111.06	69.52	-223.47	-2,481.58	526.42	317.64	208.78	2.521		
10,800.00	7,132.55	10,583.85	6,948.39	114.14	113.77	69.55	-223.85	-2,581.58	526.98	313.03	213.95	2.463		
10,900.00	7,132.79	10,683.85	6,948.66	116.85	116.50	69.57	-224.22	-2,681.58	527.54	308.41	219.13	2.407		
11,000.00	7,133.03	10,783.85	6,948.93	119.57	119.23	69.60	-224.60	-2,781.57	528.10	303.77	224.33	2.354		
11,100.00	7,133.27	10,883.85	6,949.19	122.29	121.97	69.62	-224.97	-2,881.57	528.66	299.12	229.54	2.303		
11,200.00	7,133.51	10,983.85	6,949.46	125.02	124.71	69.65	-225.35	-2,981.57	529.22	294.45	234.76	2.254		
11,300.00	7,133.74	11,083.85	6,949.72	127.76	127.46	69.67	-225.73	-3,081.57	529.77	289.78	239.99	2.207		
11,400.00	7,133.98	11,183.84	6,949.99	130.50	130.21	69.70	-226.10	-3,181.56	530.33	285.10	245.24	2.163		
11,500.00	7,134.22	11,283.84	6,950.26	133.24	132.96	69.73	-226.48	-3,281.56	530.89	280.40	250.49	2.119		
11,600.00	7,134.46	11,383.84	6,950.52	135.99	135.73	69.75	-226.85	-3,381.56	531.45	275.70	255.75	2.078		
11,700.00	7,134.70	11,483.84	6,950.79	138.75	138.49	69.78	-227.23	-3,481.55	532.01	270.99	261.02	2.038		
11,800.00	7,134.94	11,583.84	6,951.05	141.51	141.26	69.80	-227.60	-3,581.55	532.57	266.27	266.30	2.000		
11,900.00	7,135.18	11,683.83	6,951.32	144.27	144.03	69.83	-227.98	-3,681.55	533.13	261.54	271.59	1.963		
12,000.00	7,135.42	11,783.83	6,951.59	147.03	146.81	69.85	-228.35	-3,781.55	533.69	256.81	276.89	1.927		
12,100.00	7,135.66	11,883.83	6,951.85	149.80	149.59	69.88	-228.73	-3,881.54	534.25	252.07	282.19	1.893		
12,200.00	7,135.90	11,983.83	6,952.12	152.58	152.37	69.90	-229.10	-3,981.54	534.82	247.32	287.50	1.860		
12,300.00	7,136.14	12,083.83	6,952.38	155.35	155.15	69.93	-229.48	-4,081.54	535.38	242.56	292.81	1.828		
12,400.00	7,136.38	12,183.83	6,952.65	158.13	157.94	69.95	-229.85	-4,181.53	535.94	237.80	298.13	1.798		
12,500.00	7,136.62	12,283.82	6,952.92	160.91	160.73	69.98	-230.23	-4,281.53	536.50	233.03	303.46	1.768		
12,600.00	7,136.86	12,383.82	6,953.18	163.70	163.52	70.00	-230.60	-4,381.53	537.06	228.26	308.80	1.739		
12,700.00	7,137.10	12,483.82	6,953.45	166.48	166.31	70.03	-230.98	-4,481.53	537.62	223.48	314.14	1.711		
12,800.00	7,137.34	12,583.82	6,953.72	169.27	169.11	70.05	-231.35	-4,581.52	538.18	218.70	319.48	1.685		
12,900.00	7,137.58	12,683.82	6,953.98	172.06	171.91	70.08	-231.73	-4,681.52	538.74	213.91	324.83	1.659		
13,000.00	7,137.82	12,783.81	6,954.25	174.86	174.71	70.10	-232.11	-4,781.52	539.30	209.12	330.19	1.633		
13,100.00	7,138.06	12,883.81	6,954.51	177.65	177.51	70.12	-232.48	-4,881.51	539.86	204.32	335.55	1.609		
13,200.00	7,138.30	12,983.81	6,954.78	180.45	180.32	70.15	-232.86	-4,981.51	540.43	199.52	340.91	1.585		
13,300.00	7,138.54	13,083.81	6,955.05	183.25	183.12	70.17	-233.23	-5,081.51	540.99	194.71	346.28	1.562		
13,400.00	7,138.78	13,183.81	6,955.31	186.05	185.93	70.20	-233.61	-5,181.50	541.55	189.90	351.65	1.540		
13,500.00	7,139.02	13,283.81	6,955.58	188.85	188.74	70.22	-233.98	-5,281.50	542.11	185.08	357.03	1.518		
13,600.00	7,139.25	13,383.80	6,955.84	191.65	191.55	70.25	-234.36	-5,381.50	542.67	180.26	362.41	1.497 Level 3		
13,700.00	7,139.49	13,483.80	6,956.11	194.46	194.36	70.27	-234.73	-5,481.50	543.23	175.44	367.80	1.477 Level 3		
13,800.00	7,139.73	13,583.80	6,956.38	197.27	197.17	70.30	-235.11	-5,581.49	543.80	170.61	373.18	1.457 Level 3		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 33N-9A-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	13,683.80	6,956.64	200.08	199.99	70.32	-235.48	-5,681.49	544.36	165.78	378.58	1.438	Level 3	
14,000.00	7,140.21	13,783.80	6,956.91	202.89	202.80	70.34	-235.86	-5,781.49	544.92	160.95	383.97	1.419	Level 3	
14,100.00	7,140.45	13,883.79	6,957.17	205.70	205.62	70.37	-236.23	-5,881.48	545.48	156.11	389.37	1.401	Level 3	
14,200.00	7,140.69	13,983.79	6,957.44	208.51	208.44	70.39	-236.61	-5,981.48	546.05	151.27	394.78	1.383	Level 3	
14,300.00	7,140.93	14,083.79	6,957.71	211.32	211.26	70.42	-236.98	-6,081.48	546.61	146.43	400.18	1.366	Level 3	
14,400.00	7,141.17	14,183.79	6,957.97	214.14	214.08	70.44	-237.36	-6,181.48	547.17	141.58	405.59	1.349	Level 3	
14,500.00	7,141.41	14,283.79	6,958.24	216.95	216.90	70.46	-237.74	-6,281.47	547.73	136.73	411.00	1.333	Level 3	
14,600.00	7,141.65	14,383.78	6,958.50	219.77	219.72	70.49	-238.11	-6,381.47	548.30	131.88	416.42	1.317	Level 3	
14,700.00	7,141.89	14,483.78	6,958.77	222.59	222.54	70.51	-238.49	-6,481.47	548.86	127.02	421.84	1.301	Level 3	
14,800.00	7,142.13	14,583.78	6,959.04	225.41	225.37	70.53	-238.86	-6,581.46	549.42	122.16	427.26	1.286	Level 3	
14,900.00	7,142.37	14,683.78	6,959.30	228.23	228.19	70.56	-239.24	-6,681.46	549.99	117.30	432.68	1.271	Level 3	
15,000.00	7,142.61	14,783.78	6,959.57	231.05	231.02	70.58	-239.61	-6,781.46	550.55	112.44	438.11	1.257	Level 3	
15,100.00	7,142.85	14,883.78	6,959.83	233.87	233.84	70.61	-239.99	-6,881.46	551.11	107.57	443.54	1.243	Level 2	
15,200.00	7,143.09	14,983.77	6,960.10	236.69	236.67	70.63	-240.36	-6,981.45	551.68	102.70	448.97	1.229	Level 2	
15,300.00	7,143.33	15,083.77	6,960.37	239.52	239.50	70.65	-240.74	-7,081.45	552.24	97.83	454.41	1.215	Level 2	
15,400.00	7,143.57	15,183.77	6,960.63	242.34	242.33	70.68	-241.11	-7,181.45	552.80	92.96	459.84	1.202	Level 2	
15,500.00	7,143.81	15,283.77	6,960.90	245.17	245.16	70.70	-241.49	-7,281.44	553.37	88.08	465.28	1.189	Level 2	
15,600.00	7,144.05	15,383.77	6,961.16	247.99	247.99	70.72	-241.86	-7,381.44	553.93	83.20	470.73	1.177	Level 2	
15,700.00	7,144.29	15,483.76	6,961.43	250.82	250.82	70.75	-242.24	-7,481.44	554.49	78.32	476.17	1.164	Level 2	
15,800.00	7,144.53	15,583.76	6,961.70	253.64	253.65	70.77	-242.61	-7,581.44	555.06	73.44	481.62	1.152	Level 2	
15,900.00	7,144.76	15,683.76	6,961.96	256.47	256.48	70.79	-242.99	-7,681.43	555.62	68.55	487.07	1.141	Level 2	
16,000.00	7,145.00	15,783.76	6,962.23	259.30	259.31	70.82	-243.36	-7,781.43	556.19	63.67	492.52	1.129	Level 2	
16,100.00	7,145.24	15,883.76	6,962.50	262.13	262.15	70.84	-243.74	-7,881.43	556.75	58.78	497.97	1.118	Level 2	
16,200.00	7,145.48	15,983.76	6,962.76	264.96	264.98	70.86	-244.12	-7,981.42	557.31	53.89	503.43	1.107	Level 2	
16,300.00	7,145.72	16,083.75	6,963.03	267.79	267.82	70.88	-244.49	-8,081.42	557.88	48.99	508.89	1.096	Level 2	
16,400.00	7,145.96	16,183.75	6,963.29	270.62	270.65	70.91	-244.87	-8,181.42	558.44	44.10	514.35	1.086	Level 2	
16,500.00	7,146.20	16,283.75	6,963.56	273.45	273.49	70.93	-245.24	-8,281.41	559.01	39.20	519.81	1.075	Level 2	
16,600.00	7,146.44	16,383.75	6,963.83	276.28	276.32	70.95	-245.62	-8,381.41	559.57	34.30	525.27	1.065	Level 2	
16,700.00	7,146.68	16,483.75	6,964.09	279.12	279.16	70.98	-245.99	-8,481.41	560.14	29.40	530.74	1.055	Level 2	
16,800.00	7,146.92	16,583.74	6,964.36	281.95	281.99	71.00	-246.37	-8,581.41	560.70	24.50	536.21	1.046	Level 2	
16,900.00	7,147.16	16,683.74	6,964.62	284.78	284.83	71.02	-246.74	-8,681.40	561.27	19.59	541.68	1.036	Level 2	
17,000.00	7,147.40	16,783.74	6,964.89	287.62	287.67	71.04	-247.12	-8,781.40	561.83	14.68	547.15	1.027	Level 2	
17,100.00	7,147.64	16,883.74	6,965.16	290.45	290.51	71.07	-247.49	-8,881.40	562.40	9.78	552.62	1.018	Level 2	
17,200.00	7,147.88	16,983.74	6,965.42	293.28	293.35	71.09	-247.87	-8,981.39	562.96	4.87	558.10	1.009	Level 2	
17,300.00	7,148.12	17,083.74	6,965.69	296.12	296.18	71.11	-248.24	-9,081.39	563.53	-0.05	563.57	1.000	Level 1	
17,400.00	7,148.36	17,183.73	6,965.95	298.95	299.02	71.13	-248.62	-9,181.39	564.09	-4.96	569.05	0.991	Level 1	
17,500.00	7,148.60	17,283.73	6,966.22	301.79	301.86	71.16	-248.99	-9,281.39	564.66	-9.87	574.53	0.983	Level 1	
17,600.00	7,148.84	17,383.73	6,966.49	304.63	304.70	71.18	-249.37	-9,381.38	565.22	-14.79	580.01	0.974	Level 1	
17,700.00	7,149.08	17,483.73	6,966.75	307.46	307.54	71.20	-249.75	-9,481.38	565.79	-19.71	585.50	0.966	Level 1	
17,800.00	7,149.32	17,583.73	6,967.02	310.30	310.38	71.22	-250.12	-9,581.38	566.35	-24.63	590.98	0.958	Level 1	
17,900.00	7,149.56	17,683.72	6,967.28	313.14	313.22	71.25	-250.50	-9,681.37	566.92	-29.55	596.47	0.950	Level 1	
18,000.00	7,149.80	17,783.72	6,967.55	315.98	316.07	71.27	-250.87	-9,781.37	567.49	-34.47	601.96	0.943	Level 1	
18,100.00	7,150.04	17,883.72	6,967.82	318.81	318.91	71.29	-251.25	-9,881.37	568.05	-39.40	607.45	0.935	Level 1	
18,200.00	7,150.27	17,983.72	6,968.08	321.65	321.75	71.31	-251.62	-9,981.37	568.62	-44.33	612.94	0.928	Level 1	
18,300.00	7,150.51	18,083.72	6,968.35	324.49	324.59	71.33	-252.00	-10,081.36	569.18	-49.25	618.44	0.920	Level 1	
18,400.00	7,150.75	18,183.71	6,968.61	327.33	327.43	71.36	-252.37	-10,181.36	569.75	-54.18	623.93	0.913	Level 1	
18,500.00	7,150.99	18,283.71	6,968.88	330.17	330.28	71.38	-252.75	-10,281.36	570.32	-59.11	629.43	0.906	Level 1	
18,600.00	7,151.23	18,383.71	6,969.15	333.01	333.12	71.40	-253.12	-10,381.35	570.88	-64.04	634.93	0.899	Level 1	
18,700.00	7,151.47	18,483.71	6,969.41	335.85	335.96	71.42	-253.50	-10,481.35	571.45	-68.98	640.43	0.892	Level 1	
18,800.00	7,151.71	18,583.71	6,969.68	338.69	338.81	71.44	-253.87	-10,581.35	572.02	-73.91	645.93	0.886	Level 1	
18,900.00	7,151.95	18,683.71	6,969.94	341.53	341.65	71.47	-254.25	-10,681.35	572.58	-78.85	651.43	0.879	Level 1	
18,920.23	7,152.00	18,703.94	6,970.00	342.10	342.22	71.47	-254.32	-10,701.58	572.70	-79.85	652.55	0.878	Level 1, ES, SF	

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 33N-9B-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.36	44.80	0.28	44.80					
100.00	100.00	100.00	100.00	3.28	3.28	0.36	44.80	0.28	44.80	38.23	6.57	6.820		
200.00	200.00	200.00	200.00	3.34	3.34	0.36	44.80	0.28	44.80	38.13	6.67	6.713 CC		
300.00	299.98	299.98	299.98	3.44	3.44	-121.53	44.80	0.28	45.69	38.80	6.89	6.635		
400.00	399.84	400.16	400.14	3.60	3.60	-124.73	44.63	2.02	48.29	41.10	7.19	6.713		
500.00	499.45	500.41	500.24	3.80	3.80	-126.87	44.13	7.25	52.37	44.77	7.59	6.898		
600.00	598.70	600.69	600.14	4.04	4.04	-128.01	43.29	15.97	57.83	49.75	8.08	7.161		
700.00	697.47	700.97	699.67	4.33	4.32	-128.32	42.11	28.16	64.62	55.98	8.63	7.484		
800.00	795.62	801.23	798.67	4.65	4.63	-128.02	40.60	43.81	72.72	63.45	9.26	7.850		
865.50	859.53	866.86	863.17	4.89	4.85	-127.57	39.43	55.92	78.73	69.02	9.71	8.105		
900.00	893.10	901.43	897.02	5.02	4.97	-127.22	38.76	62.89	82.00	72.04	9.96	8.233		
1,000.00	990.42	1,001.47	994.50	5.41	5.35	-124.93	36.60	85.26	91.02	80.31	10.71	8.496		
1,100.00	1,087.73	1,100.98	1,091.21	5.83	5.75	-122.44	34.35	108.59	100.00	88.48	11.52	8.682		
1,200.00	1,185.05	1,200.49	1,187.93	6.27	6.18	-120.37	32.11	131.91	109.13	96.77	12.36	8.827		
1,300.00	1,282.36	1,300.00	1,284.64	6.72	6.62	-118.62	29.86	155.23	118.39	105.14	13.24	8.940		
1,400.00	1,379.67	1,399.51	1,381.35	7.18	7.07	-117.12	27.61	178.55	127.73	113.59	14.15	9.030		
1,500.00	1,476.99	1,500.97	1,478.07	7.65	7.54	-115.83	25.36	201.87	137.15	122.07	15.08	9.094		
1,600.00	1,574.30	1,601.46	1,574.78	8.13	8.02	-114.71	23.11	225.19	146.63	130.60	16.03	9.148		
1,700.00	1,671.61	1,701.95	1,671.49	8.62	8.51	-113.72	20.86	248.51	156.16	139.17	16.99	9.190		
1,800.00	1,768.93	1,802.44	1,768.21	9.11	9.00	-112.84	18.61	271.83	165.74	147.77	17.97	9.224		
1,900.00	1,866.24	1,902.93	1,864.92	9.60	9.50	-112.06	16.36	295.15	175.34	156.39	18.95	9.251		
2,000.00	1,963.56	2,003.42	1,961.63	10.10	10.00	-111.37	14.11	318.47	184.97	165.03	19.95	9.273		
2,100.00	2,060.87	2,103.91	2,058.35	10.61	10.50	-110.74	11.86	341.79	194.63	173.68	20.95	9.290		
2,200.00	2,158.18	2,204.40	2,155.06	11.11	11.01	-110.17	9.61	365.11	204.31	182.35	21.96	9.305		
2,300.00	2,255.50	2,304.89	2,251.77	11.62	11.53	-109.65	7.36	388.44	214.01	191.04	22.97	9.316		
2,400.00	2,352.81	2,405.38	2,348.49	12.13	12.04	-109.18	5.11	411.76	223.72	199.73	23.99	9.325		
2,500.00	2,450.13	2,505.87	2,445.20	12.65	12.56	-108.74	2.86	435.08	233.45	208.44	25.01	9.333		
2,600.00	2,547.44	2,606.36	2,541.92	13.16	13.08	-108.35	0.61	458.40	243.19	217.15	26.04	9.339		
2,700.00	2,644.75	2,706.84	2,638.63	13.68	13.60	-107.98	-1.63	481.72	252.94	225.87	27.07	9.343		
2,800.00	2,742.07	2,807.33	2,735.34	14.20	14.12	-107.64	-3.88	505.04	262.70	234.60	28.10	9.347		
2,900.00	2,839.38	2,907.82	2,832.06	14.71	14.64	-107.32	-6.13	528.36	272.47	243.33	29.14	9.350		
3,000.00	2,936.70	3,008.31	2,928.77	15.23	15.17	-107.03	-8.38	551.68	282.25	252.07	30.18	9.352		
3,100.00	3,034.01	3,091.20	3,025.48	15.76	15.60	-106.75	-10.63	575.00	292.03	260.90	31.13	9.362		
3,200.00	3,131.32	3,209.29	3,122.20	16.28	16.22	-106.49	-12.88	598.32	301.82	269.56	32.26	9.355		
3,300.00	3,228.64	3,309.78	3,218.91	16.80	16.75	-106.25	-15.13	621.64	311.61	278.31	33.31	9.356		
3,400.00	3,325.95	3,389.73	3,315.62	17.32	17.17	-106.03	-17.38	644.97	321.41	287.17	34.24	9.386		
3,500.00	3,423.26	3,489.24	3,412.34	17.85	17.69	-105.82	-19.63	668.29	331.22	295.93	35.28	9.387		
3,600.00	3,520.58	3,588.75	3,509.05	18.37	18.21	-105.61	-21.88	691.61	341.03	304.70	36.33	9.388		
3,700.00	3,617.89	3,688.26	3,605.76	18.90	18.74	-105.43	-24.13	714.93	350.84	313.47	37.37	9.388		
3,800.00	3,715.21	3,787.78	3,702.48	19.43	19.26	-105.25	-26.38	738.25	360.66	322.24	38.42	9.388		
3,900.00	3,812.52	3,887.29	3,799.19	19.95	19.79	-105.08	-28.63	761.57	370.47	331.01	39.46	9.388		
4,000.00	3,909.83	3,986.80	3,895.90	20.48	20.32	-104.92	-30.88	784.89	380.30	339.79	40.51	9.388		
4,100.00	4,007.15	4,086.31	3,992.62	21.01	20.84	-104.76	-33.13	808.21	390.12	348.56	41.56	9.387		
4,200.00	4,104.46	4,185.82	4,089.33	21.53	21.37	-104.62	-35.38	831.53	399.95	357.34	42.61	9.387		
4,300.00	4,201.78	4,285.33	4,186.04	22.06	21.90	-104.48	-37.62	854.85	409.78	366.13	43.66	9.386		
4,400.00	4,299.09	4,384.84	4,282.76	22.59	22.43	-104.35	-39.87	878.17	419.61	374.91	44.71	9.386		
4,500.00	4,396.40	4,484.35	4,379.47	23.12	22.96	-104.22	-42.12	901.49	429.45	383.69	45.76	9.385		
4,600.00	4,493.72	4,583.86	4,476.18	23.65	23.49	-104.10	-44.37	924.82	439.29	392.48	46.81	9.385		
4,700.00	4,591.03	4,683.37	4,572.90	24.18	24.02	-103.99	-46.62	948.14	449.13	401.26	47.86	9.384		
4,800.00	4,688.34	4,782.88	4,669.61	24.71	24.55	-103.88	-48.87	971.46	458.97	410.05	48.91	9.383		
4,900.00	4,785.66	4,882.40	4,766.32	25.24	25.08	-103.77	-51.12	994.78	468.81	418.84	49.97	9.382		
5,000.00	4,882.97	4,981.91	4,863.04	25.77	25.61	-103.67	-53.37	1,018.10	478.65	427.63	51.02	9.382		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,081.42	4,959.75	26.30	26.14	-103.58	-55.62	1,041.42	488.50	436.42	52.07	9.381		
5,200.00	5,077.60	5,180.93	5,056.47	26.83	26.67	-103.48	-57.87	1,064.74	498.34	445.21	53.13	9.380		
5,300.00	5,174.91	5,280.44	5,153.18	27.36	27.20	-103.39	-60.12	1,088.06	508.19	454.01	54.18	9.379		
5,400.00	5,272.23	5,379.95	5,249.89	27.89	27.73	-103.31	-62.37	1,111.38	518.04	462.80	55.24	9.378		
5,500.00	5,369.54	5,480.22	5,347.37	28.42	28.26	-103.23	-64.63	1,134.80	527.87	471.57	56.30	9.376		
5,600.00	5,466.86	5,583.27	5,448.11	28.95	28.79	-103.43	-66.71	1,156.36	537.25	479.89	57.36	9.366		
5,700.00	5,564.17	5,686.19	5,549.43	29.48	29.28	-104.00	-68.44	1,174.29	546.01	487.63	58.38	9.352		
5,800.00	5,661.48	5,788.71	5,650.94	30.01	29.75	-104.93	-69.81	1,188.53	554.25	494.89	59.36	9.337		
5,900.00	5,758.80	5,890.56	5,752.24	30.54	30.19	-106.19	-70.83	1,199.09	562.14	501.85	60.29	9.324		
6,000.00	5,856.11	5,991.52	5,852.95	31.07	30.60	-107.76	-71.50	1,206.02	569.88	508.71	61.17	9.316		
6,100.00	5,953.43	6,091.33	5,952.70	31.61	30.99	-109.61	-71.82	1,209.39	577.76	515.76	62.00	9.318		
6,200.00	6,050.74	6,189.38	6,050.74	32.14	31.34	-111.66	-71.86	1,209.78	586.10	523.32	62.78	9.336		
6,300.00	6,148.05	6,286.69	6,148.05	32.67	31.69	-113.67	-71.86	1,209.78	595.18	531.65	63.53	9.369		
6,400.00	6,245.37	6,384.00	6,245.37	33.20	32.04	-115.63	-71.86	1,209.78	605.00	540.73	64.27	9.414		
6,500.00	6,342.68	6,481.32	6,342.68	33.73	32.39	-117.52	-71.86	1,209.78	615.52	550.52	65.00	9.469		
6,520.81	6,362.93	6,501.57	6,362.93	33.85	32.46	-117.90	-71.86	1,209.78	617.80	552.64	65.15	9.482		
6,550.00	6,391.46	6,530.10	6,391.46	34.00	32.57	-125.00	-71.86	1,209.78	621.03	555.67	65.36	9.501		
6,600.00	6,440.79	6,579.65	6,441.01	34.23	32.75	-144.99	-71.86	1,209.53	626.61	560.88	65.73	9.533		
6,650.00	6,490.44	6,629.48	6,490.71	34.43	32.92	178.86	-71.88	1,206.21	632.08	566.02	66.06	9.568		
6,700.00	6,540.10	6,678.93	6,539.64	34.60	33.09	141.77	-71.91	1,199.07	637.42	571.04	66.38	9.603		
6,750.00	6,589.46	6,728.02	6,587.51	34.76	33.27	121.00	-71.97	1,188.26	642.57	575.88	66.69	9.636		
6,800.00	6,638.22	6,776.77	6,634.09	34.92	33.47	110.06	-72.05	1,173.90	647.50	580.49	67.01	9.663		
6,850.00	6,686.09	6,825.19	6,679.12	35.07	33.67	103.53	-72.14	1,156.15	652.18	584.83	67.34	9.684		
6,900.00	6,732.75	6,873.30	6,722.41	35.24	33.89	99.15	-72.25	1,135.18	656.58	588.87	67.70	9.698		
6,950.00	6,777.94	6,921.12	6,763.74	35.42	34.12	95.99	-72.38	1,111.16	660.66	592.57	68.09	9.702		
7,000.00	6,821.36	6,968.65	6,802.92	35.61	34.38	93.57	-72.52	1,084.27	664.40	595.89	68.52	9.697		
7,050.00	6,862.75	7,015.92	6,839.79	35.83	34.65	91.64	-72.67	1,054.70	667.78	598.80	68.98	9.680		
7,100.00	6,901.85	7,062.95	6,874.20	36.06	34.96	90.08	-72.84	1,022.66	670.77	601.27	69.50	9.652		
7,150.00	6,938.43	7,109.74	6,905.99	36.32	35.29	88.79	-73.02	988.34	673.34	603.27	70.07	9.610		
7,200.00	6,972.26	7,156.32	6,935.05	36.61	35.65	87.72	-73.21	951.95	675.48	604.78	70.70	9.554		
7,250.00	7,003.13	7,202.70	6,961.26	36.93	36.04	86.84	-73.41	913.70	677.17	605.77	71.40	9.484		
7,300.00	7,030.85	7,248.90	6,984.54	37.29	36.46	86.11	-73.62	873.81	678.40	606.22	72.18	9.399		
7,350.00	7,055.25	7,294.92	7,004.79	37.68	36.92	85.52	-73.84	832.49	679.16	606.13	73.03	9.299		
7,400.00	7,076.17	7,340.79	7,021.95	38.12	37.41	85.06	-74.06	789.96	679.44	605.47	73.97	9.185		
7,450.00	7,093.50	7,386.53	7,035.96	38.60	37.93	84.72	-74.29	746.44	679.24	604.25	74.99	9.058		
7,500.00	7,107.11	7,432.14	7,046.80	39.11	38.48	84.49	-74.52	702.15	678.55	602.48	76.08	8.920		
7,550.00	7,116.94	7,477.64	7,054.42	39.66	39.05	84.37	-74.75	657.30	677.39	600.15	77.23	8.771		
7,600.00	7,122.91	7,523.05	7,058.81	40.24	39.63	84.36	-74.99	612.11	675.74	597.30	78.45	8.614		
7,650.18	7,125.00	7,569.37	7,060.02	40.85	40.25	84.45	-75.23	565.81	673.62	593.90	79.71	8.450		
7,700.00	7,125.12	7,619.13	7,060.13	41.48	40.95	84.43	-75.49	516.05	671.22	590.15	81.07	8.279		
7,800.00	7,125.36	7,719.02	7,060.36	42.88	42.44	84.39	-76.02	416.17	666.41	582.40	84.00	7.933		
7,900.00	7,125.60	7,818.90	7,060.59	44.42	44.08	84.35	-76.54	316.29	661.60	574.38	87.21	7.586		
8,000.00	7,125.84	7,918.78	7,060.82	46.10	45.83	84.31	-77.06	216.41	656.79	566.12	90.66	7.244		
8,100.00	7,126.08	8,018.67	7,061.05	47.89	47.69	84.26	-77.59	116.52	651.97	557.64	94.33	6.912		
8,200.00	7,126.32	8,118.55	7,061.28	49.79	49.64	84.22	-78.11	16.64	647.17	548.97	98.19	6.591		
8,300.00	7,126.56	8,218.43	7,061.51	51.79	51.68	84.18	-78.63	-83.24	642.36	540.13	102.22	6.284		
8,400.00	7,126.80	8,318.32	7,061.75	53.86	53.80	84.13	-79.16	-183.12	637.55	531.14	106.41	5.992		
8,500.00	7,127.04	8,418.20	7,061.98	56.00	55.97	84.08	-79.68	-283.00	632.74	522.02	110.72	5.715		
8,600.00	7,127.28	8,518.08	7,062.21	58.21	58.21	84.04	-80.20	-382.88	627.93	512.77	115.16	5.453		
8,689.38	7,127.49	8,607.36	7,062.41	60.24	60.26	84.00	-80.67	-472.16	623.63	504.42	119.21	5.231		
8,700.00	7,127.52	8,617.97	7,062.44	60.48	60.50	83.99	-80.73	-482.76	623.14	503.45	119.70	5.206		
8,800.00	7,127.76	8,717.92	7,062.67	62.79	62.84	83.98	-81.25	-582.72	620.44	496.10	124.33	4.990		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,827.93	7,127.82	8,745.85	7,062.73	63.44	63.50	83.98	-81.40	-610.65	620.30	494.66	125.64	4.937		
8,841.07	7,127.85	8,758.99	7,062.76	63.74	63.82	83.98	-81.47	-623.79	620.33	494.07	126.26	4.913		
8,900.00	7,128.00	8,817.92	7,062.90	65.12	65.22	83.98	-81.78	-682.72	620.60	491.55	129.05	4.809		
9,000.00	7,128.23	8,917.92	7,063.13	67.50	67.64	83.98	-82.30	-782.72	621.06	487.21	133.85	4.640		
9,100.00	7,128.47	9,017.92	7,063.36	69.91	70.09	83.99	-82.82	-882.71	621.51	482.80	138.71	4.481		
9,200.00	7,128.71	9,117.92	7,063.59	72.35	72.57	83.99	-83.35	-982.71	621.97	478.34	143.63	4.330		
9,300.00	7,128.95	9,217.92	7,063.82	74.83	75.08	83.99	-83.87	-1,082.71	622.43	473.81	148.61	4.188		
9,400.00	7,129.19	9,317.92	7,064.05	77.33	77.61	84.00	-84.40	-1,182.70	622.88	469.24	153.64	4.054		
9,500.00	7,129.43	9,417.92	7,064.28	79.86	80.17	84.00	-84.92	-1,282.70	623.34	464.63	158.71	3.927		
9,600.00	7,129.67	9,517.92	7,064.51	82.41	82.74	84.00	-85.44	-1,382.70	623.79	459.97	163.83	3.808		
9,700.00	7,129.91	9,617.91	7,064.74	84.97	85.33	84.01	-85.97	-1,482.70	624.25	455.27	168.98	3.694		
9,800.00	7,130.15	9,717.91	7,064.97	87.56	87.94	84.01	-86.49	-1,582.69	624.71	450.55	174.16	3.587		
9,900.00	7,130.39	9,817.91	7,065.20	90.16	90.56	84.02	-87.02	-1,682.69	625.16	445.79	179.38	3.485		
10,000.00	7,130.63	9,917.91	7,065.43	92.78	93.20	84.02	-87.54	-1,782.69	625.62	441.00	184.62	3.389		
10,100.00	7,130.87	10,017.91	7,065.66	95.41	95.85	84.02	-88.06	-1,882.69	626.08	436.19	189.89	3.297		
10,200.00	7,131.11	10,117.91	7,065.89	98.06	98.51	84.03	-88.59	-1,982.68	626.53	431.35	195.18	3.210		
10,300.00	7,131.35	10,217.91	7,066.12	100.71	101.19	84.03	-89.11	-2,082.68	626.99	426.49	200.49	3.127		
10,400.00	7,131.59	10,317.91	7,066.36	103.38	103.87	84.03	-89.64	-2,182.68	627.44	421.62	205.83	3.048		
10,500.00	7,131.83	10,417.91	7,066.59	106.06	106.56	84.04	-90.16	-2,282.68	627.90	416.72	211.18	2.973		
10,600.00	7,132.07	10,517.91	7,066.82	108.74	109.26	84.04	-90.68	-2,382.67	628.36	411.80	216.55	2.902		
10,700.00	7,132.31	10,617.90	7,067.05	111.44	111.97	84.04	-91.21	-2,482.67	628.81	406.87	221.94	2.833		
10,800.00	7,132.55	10,717.90	7,067.28	114.14	114.69	84.05	-91.73	-2,582.67	629.27	401.93	227.34	2.768		
10,900.00	7,132.79	10,817.90	7,067.51	116.85	117.41	84.05	-92.26	-2,682.66	629.73	396.97	232.76	2.706		
11,000.00	7,133.03	10,917.90	7,067.74	119.57	120.14	84.05	-92.78	-2,782.66	630.18	392.00	238.18	2.646		
11,100.00	7,133.27	11,017.90	7,067.97	122.29	122.87	84.06	-93.30	-2,882.66	630.64	387.01	243.62	2.589		
11,200.00	7,133.51	11,117.90	7,068.20	125.02	125.61	84.06	-93.83	-2,982.66	631.10	382.02	249.08	2.534		
11,300.00	7,133.74	11,217.90	7,068.43	127.76	128.36	84.06	-94.35	-3,082.65	631.55	377.01	254.54	2.481		
11,400.00	7,133.98	11,317.90	7,068.66	130.50	131.11	84.07	-94.88	-3,182.65	632.01	372.00	260.01	2.431		
11,500.00	7,134.22	11,417.90	7,068.89	133.24	133.86	84.07	-95.40	-3,282.65	632.46	366.97	265.49	2.382		
11,600.00	7,134.46	11,517.89	7,069.12	135.99	136.62	84.07	-95.92	-3,382.65	632.92	361.94	270.98	2.336		
11,700.00	7,134.70	11,617.89	7,069.35	138.75	139.38	84.08	-96.45	-3,482.64	633.38	356.90	276.48	2.291		
11,800.00	7,134.94	11,717.89	7,069.58	141.51	142.15	84.08	-96.97	-3,582.64	633.83	351.85	281.99	2.248		
11,900.00	7,135.18	11,817.89	7,069.81	144.27	144.92	84.09	-97.50	-3,682.64	634.29	346.79	287.50	2.206		
12,000.00	7,135.42	11,917.89	7,070.04	147.03	147.69	84.09	-98.02	-3,782.63	634.75	341.73	293.02	2.166		
12,100.00	7,135.66	12,017.89	7,070.27	149.80	150.47	84.09	-98.54	-3,882.63	635.20	336.66	298.54	2.128		
12,200.00	7,135.90	12,117.89	7,070.50	152.58	153.25	84.10	-99.07	-3,982.63	635.66	331.58	304.08	2.090		
12,300.00	7,136.14	12,217.89	7,070.74	155.35	156.03	84.10	-99.59	-4,082.63	636.11	326.50	309.62	2.055		
12,400.00	7,136.38	12,317.89	7,070.97	158.13	158.82	84.10	-100.12	-4,182.62	636.57	321.41	315.16	2.020		
12,500.00	7,136.62	12,417.89	7,071.20	160.91	161.60	84.11	-100.64	-4,282.62	637.03	316.32	320.71	1.986		
12,600.00	7,136.86	12,517.88	7,071.43	163.70	164.39	84.11	-101.16	-4,382.62	637.48	311.22	326.26	1.954		
12,700.00	7,137.10	12,617.88	7,071.66	166.48	167.19	84.11	-101.69	-4,482.62	637.94	306.12	331.82	1.923		
12,800.00	7,137.34	12,717.88	7,071.89	169.27	169.98	84.12	-102.21	-4,582.61	638.40	301.01	337.39	1.892		
12,900.00	7,137.58	12,817.88	7,072.12	172.06	172.78	84.12	-102.74	-4,682.61	638.85	295.90	342.95	1.863		
13,000.00	7,137.82	12,917.88	7,072.35	174.86	175.58	84.12	-103.26	-4,782.61	639.31	290.78	348.52	1.834		
13,100.00	7,138.06	13,017.88	7,072.58	177.65	178.38	84.13	-103.78	-4,882.61	639.77	285.67	354.10	1.807		
13,200.00	7,138.30	13,117.88	7,072.81	180.45	181.18	84.13	-104.31	-4,982.60	640.22	280.54	359.68	1.780		
13,300.00	7,138.54	13,217.88	7,073.04	183.25	183.98	84.13	-104.83	-5,082.60	640.68	275.42	365.26	1.754		
13,400.00	7,138.78	13,317.88	7,073.27	186.05	186.79	84.14	-105.36	-5,182.60	641.14	270.29	370.85	1.729		
13,500.00	7,139.02	13,417.88	7,073.50	188.85	189.60	84.14	-105.88	-5,282.59	641.59	265.15	376.44	1.704		
13,600.00	7,139.25	13,517.87	7,073.73	191.65	192.41	84.14	-106.40	-5,382.59	642.05	260.02	382.03	1.681		
13,700.00	7,139.49	13,617.87	7,073.96	194.46	195.22	84.15	-106.93	-5,482.59	642.50	254.88	387.63	1.658		
13,800.00	7,139.73	13,717.87	7,074.19	197.27	198.03	84.15	-107.45	-5,582.59	642.96	249.74	393.22	1.635		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 33N-9B-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	13,817.87	7,074.42	200.08	200.84	84.15	-107.98	-5,682.58	643.42	244.59	398.83	1.613		
14,000.00	7,140.21	13,917.87	7,074.65	202.89	203.65	84.16	-108.50	-5,782.58	643.87	239.44	404.43	1.592		
14,100.00	7,140.45	14,017.87	7,074.89	205.70	206.47	84.16	-109.02	-5,882.58	644.33	234.29	410.04	1.571		
14,200.00	7,140.69	14,117.87	7,075.12	208.51	209.29	84.16	-109.55	-5,982.58	644.79	229.14	415.64	1.551		
14,300.00	7,140.93	14,217.87	7,075.35	211.32	212.10	84.17	-110.07	-6,082.57	645.24	223.99	421.26	1.532		
14,400.00	7,141.17	14,317.87	7,075.58	214.14	214.92	84.17	-110.60	-6,182.57	645.70	218.83	426.87	1.513		
14,500.00	7,141.41	14,417.86	7,075.81	216.95	217.74	84.17	-111.12	-6,282.57	646.16	213.67	432.48	1.494 Level 3		
14,600.00	7,141.65	14,517.86	7,076.04	219.77	220.56	84.18	-111.64	-6,382.57	646.61	208.51	438.10	1.476 Level 3		
14,700.00	7,141.89	14,617.86	7,076.27	222.59	223.39	84.18	-112.17	-6,482.56	647.07	203.35	443.72	1.458 Level 3		
14,800.00	7,142.13	14,717.86	7,076.50	225.41	226.21	84.18	-112.69	-6,582.56	647.52	198.18	449.34	1.441 Level 3		
14,900.00	7,142.37	14,817.86	7,076.73	228.23	229.03	84.19	-113.22	-6,682.56	647.98	193.02	454.96	1.424 Level 3		
15,000.00	7,142.61	14,917.86	7,076.96	231.05	231.86	84.19	-113.74	-6,782.55	648.44	187.85	460.59	1.408 Level 3		
15,100.00	7,142.85	15,017.86	7,077.19	233.87	234.68	84.19	-114.26	-6,882.55	648.89	182.68	466.22	1.392 Level 3		
15,200.00	7,143.09	15,117.86	7,077.42	236.69	237.51	84.20	-114.79	-6,982.55	649.35	177.51	471.84	1.376 Level 3		
15,300.00	7,143.33	15,217.86	7,077.65	239.52	240.33	84.20	-115.31	-7,082.55	649.81	172.33	477.47	1.361 Level 3		
15,400.00	7,143.57	15,317.86	7,077.88	242.34	243.16	84.20	-115.84	-7,182.54	650.26	167.16	483.11	1.346 Level 3		
15,500.00	7,143.81	15,417.85	7,078.11	245.17	245.99	84.21	-116.36	-7,282.54	650.72	161.98	488.74	1.331 Level 3		
15,600.00	7,144.05	15,517.85	7,078.34	247.99	248.82	84.21	-116.88	-7,382.54	651.18	156.80	494.37	1.317 Level 3		
15,700.00	7,144.29	15,617.85	7,078.57	250.82	251.65	84.21	-117.41	-7,482.54	651.63	151.62	500.01	1.303 Level 3		
15,800.00	7,144.53	15,717.85	7,078.80	253.64	254.48	84.22	-117.93	-7,582.53	652.09	146.44	505.65	1.290 Level 3		
15,900.00	7,144.76	15,817.85	7,079.03	256.47	257.31	84.22	-118.46	-7,682.53	652.55	141.26	511.28	1.276 Level 3		
16,000.00	7,145.00	15,917.85	7,079.27	259.30	260.14	84.22	-118.98	-7,782.53	653.00	136.08	516.92	1.263 Level 3		
16,100.00	7,145.24	16,017.85	7,079.50	262.13	262.97	84.23	-119.50	-7,882.52	653.46	130.89	522.56	1.250 Level 3		
16,200.00	7,145.48	16,117.85	7,079.73	264.96	265.81	84.23	-120.03	-7,982.52	653.91	125.71	528.21	1.238 Level 2		
16,300.00	7,145.72	16,217.85	7,079.96	267.79	268.64	84.23	-120.55	-8,082.52	654.37	120.52	533.85	1.226 Level 2		
16,400.00	7,145.96	16,317.84	7,080.19	270.62	271.47	84.24	-121.08	-8,182.52	654.83	115.33	539.49	1.214 Level 2		
16,500.00	7,146.20	16,417.84	7,080.42	273.45	274.31	84.24	-121.60	-8,282.51	655.28	110.15	545.14	1.202 Level 2		
16,600.00	7,146.44	16,517.84	7,080.65	276.28	277.14	84.24	-122.12	-8,382.51	655.74	104.96	550.79	1.191 Level 2		
16,700.00	7,146.68	16,617.84	7,080.88	279.12	279.98	84.25	-122.65	-8,482.51	656.20	99.76	556.43	1.179 Level 2		
16,800.00	7,146.92	16,717.84	7,081.11	281.95	282.81	84.25	-123.17	-8,582.51	656.65	94.57	562.08	1.168 Level 2		
16,900.00	7,147.16	16,817.84	7,081.34	284.78	285.65	84.25	-123.70	-8,682.50	657.11	89.38	567.73	1.157 Level 2		
17,000.00	7,147.40	16,917.84	7,081.57	287.62	288.49	84.26	-124.22	-8,782.50	657.57	84.19	573.38	1.147 Level 2		
17,100.00	7,147.64	17,017.84	7,081.80	290.45	291.32	84.26	-124.74	-8,882.50	658.02	78.99	579.03	1.136 Level 2		
17,200.00	7,147.88	17,117.84	7,082.03	293.28	294.16	84.26	-125.27	-8,982.50	658.48	73.80	584.68	1.126 Level 2		
17,300.00	7,148.12	17,217.84	7,082.26	296.12	297.00	84.26	-125.79	-9,082.49	658.94	68.60	590.34	1.116 Level 2		
17,400.00	7,148.36	17,317.83	7,082.49	298.95	299.84	84.27	-126.32	-9,182.49	659.39	63.40	595.99	1.106 Level 2		
17,500.00	7,148.60	17,417.83	7,082.72	301.79	302.67	84.27	-126.84	-9,282.49	659.85	58.20	601.65	1.097 Level 2		
17,600.00	7,148.84	17,517.83	7,082.95	304.63	305.51	84.27	-127.36	-9,382.48	660.31	53.00	607.30	1.087 Level 2		
17,700.00	7,149.08	17,617.83	7,083.18	307.46	308.35	84.28	-127.89	-9,482.48	660.76	47.80	612.96	1.078 Level 2		
17,800.00	7,149.32	17,717.83	7,083.42	310.30	311.19	84.28	-128.41	-9,582.48	661.22	42.60	618.61	1.069 Level 2		
17,900.00	7,149.56	17,817.83	7,083.65	313.14	314.03	84.28	-128.94	-9,682.48	661.67	37.40	624.27	1.060 Level 2		
18,000.00	7,149.80	17,917.83	7,083.88	315.98	316.87	84.29	-129.46	-9,782.47	662.13	32.20	629.93	1.051 Level 2		
18,100.00	7,150.04	18,017.83	7,084.11	318.81	319.71	84.29	-129.98	-9,882.47	662.59	27.00	635.59	1.042 Level 2		
18,200.00	7,150.27	18,117.83	7,084.34	321.65	322.55	84.29	-130.51	-9,982.47	663.04	21.80	641.25	1.034 Level 2		
18,300.00	7,150.51	18,217.82	7,084.57	324.49	325.40	84.30	-131.03	-10,082.47	663.50	16.59	646.91	1.026 Level 2		
18,400.00	7,150.75	18,317.82	7,084.80	327.33	328.24	84.30	-131.56	-10,182.46	663.96	11.39	652.57	1.017 Level 2		
18,500.00	7,150.99	18,417.82	7,085.03	330.17	331.08	84.30	-132.08	-10,282.46	664.41	6.18	658.23	1.009 Level 2		
18,600.00	7,151.23	18,517.82	7,085.26	333.01	333.92	84.31	-132.60	-10,382.46	664.87	0.98	663.89	1.001 Level 2		
18,700.00	7,151.47	18,617.82	7,085.49	335.85	336.76	84.31	-133.13	-10,482.46	665.33	-4.23	669.56	0.994 Level 1		
18,800.00	7,151.71	18,717.82	7,085.72	338.69	339.61	84.31	-133.65	-10,582.45	665.78	-9.44	675.22	0.986 Level 1		
18,900.00	7,151.95	18,817.82	7,085.95	341.53	342.45	84.32	-134.18	-10,682.45	666.24	-14.64	680.88	0.978 Level 1		
18,920.23	7,152.00	18,838.05	7,086.00	342.10	343.02	84.32	-134.28	-10,702.68	666.33	-15.70	682.03	0.977 Level 1, ES, SF		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 34C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.29	-45.18	-0.56	45.18					
100.00	100.00	100.00	100.00	3.28	3.28	-179.29	-45.18	-0.56	45.18	38.61	6.57	6.878		
200.00	200.00	200.00	200.00	3.34	3.34	-179.29	-45.18	-0.56	45.18	38.51	6.67	6.770		
300.00	299.98	299.98	299.98	3.44	3.44	62.69	-45.18	-0.56	44.35	37.47	6.89	6.441		
400.00	399.84	398.91	398.89	3.60	3.60	67.17	-46.41	0.62	43.28	36.08	7.19	6.018		
444.22	443.93	442.70	442.64	3.68	3.67	69.43	-47.75	1.89	43.16	35.80	7.36	5.866 CC		
500.00	499.45	497.94	497.78	3.80	3.79	72.45	-50.13	4.16	43.35	35.77	7.59	5.714		
600.00	598.70	597.05	596.52	4.04	4.02	78.12	-56.32	10.05	44.71	36.65	8.07	5.544		
700.00	697.47	696.23	694.97	4.33	4.29	83.72	-64.99	18.31	47.44	38.82	8.62	5.504		
800.00	795.62	795.47	793.00	4.65	4.59	88.84	-76.13	28.92	51.54	42.29	9.25	5.574		
865.50	859.53	860.49	856.92	4.89	4.81	91.83	-84.76	37.13	54.95	45.25	9.70	5.666		
900.00	893.10	894.75	890.49	5.02	4.93	93.10	-89.73	41.87	56.96	47.01	9.95	5.727		
1,000.00	990.42	994.10	987.33	5.41	5.30	94.25	-105.77	57.15	63.35	52.64	10.71	5.914		
1,100.00	1,087.73	1,093.32	1,083.22	5.83	5.71	92.43	-124.22	74.71	70.48	58.96	11.53	6.113		
1,200.00	1,185.05	1,192.67	1,178.48	6.27	6.14	88.97	-144.63	94.15	78.45	66.06	12.39	6.331		
1,300.00	1,282.36	1,307.77	1,273.88	6.72	6.68	85.99	-165.26	113.80	86.74	73.38	13.36	6.494		
1,400.00	1,379.67	1,391.80	1,369.28	7.18	7.09	83.54	-185.90	133.45	95.22	81.02	14.20	6.706		
1,500.00	1,476.99	1,508.64	1,464.68	7.65	7.68	81.49	-206.53	153.10	103.85	88.63	15.22	6.824		
1,600.00	1,574.30	1,609.08	1,560.08	8.13	8.19	79.75	-227.17	172.75	112.58	96.41	16.17	6.962		
1,700.00	1,671.61	1,690.49	1,655.48	8.62	8.61	78.27	-247.80	192.40	121.41	104.37	17.04	7.125		
1,800.00	1,768.93	1,790.05	1,750.88	9.11	9.14	76.98	-268.44	212.05	130.30	112.29	18.01	7.236		
1,900.00	1,866.24	1,889.62	1,846.28	9.60	9.67	75.87	-289.07	231.70	139.25	120.27	18.99	7.334		
2,000.00	1,963.56	1,989.18	1,941.68	10.10	10.21	74.88	-309.71	251.35	148.25	128.28	19.97	7.423		
2,100.00	2,060.87	2,088.75	2,037.08	10.61	10.75	74.01	-330.34	271.00	157.29	136.33	20.96	7.503		
2,200.00	2,158.18	2,188.31	2,132.48	11.11	11.30	73.24	-350.98	290.65	166.36	144.40	21.96	7.575		
2,300.00	2,255.50	2,287.87	2,227.88	11.62	11.85	72.54	-371.61	310.30	175.45	152.49	22.96	7.641		
2,400.00	2,352.81	2,387.44	2,323.28	12.13	12.40	71.91	-392.25	329.95	184.57	160.60	23.97	7.701		
2,500.00	2,450.13	2,487.00	2,418.68	12.65	12.96	71.35	-412.88	349.60	193.71	168.73	24.98	7.755		
2,600.00	2,547.44	2,586.57	2,514.08	13.16	13.52	70.83	-433.52	369.25	202.86	176.87	25.99	7.805		
2,700.00	2,644.75	2,686.13	2,609.48	13.68	14.08	70.36	-454.15	388.90	212.03	185.03	27.01	7.851		
2,800.00	2,742.07	2,785.69	2,704.88	14.20	14.64	69.93	-474.79	408.55	221.22	193.19	28.02	7.894		
2,900.00	2,839.38	2,885.26	2,800.28	14.71	15.20	69.53	-495.42	428.20	230.41	201.37	29.05	7.933		
3,000.00	2,936.70	2,984.82	2,895.68	15.23	15.77	69.16	-516.06	447.85	239.62	209.55	30.07	7.969		
3,100.00	3,034.01	3,084.39	2,991.08	15.76	16.33	68.82	-536.69	467.50	248.83	217.74	31.09	8.003		
3,200.00	3,131.32	3,183.95	3,086.48	16.28	16.90	68.50	-557.32	487.15	258.06	225.94	32.12	8.034		
3,300.00	3,228.64	3,283.51	3,181.88	16.80	17.47	68.21	-577.96	506.80	267.28	234.14	33.15	8.063		
3,400.00	3,325.95	3,383.08	3,277.28	17.32	18.04	67.93	-598.59	526.45	276.52	242.34	34.18	8.091		
3,500.00	3,423.26	3,482.64	3,372.68	17.85	18.61	67.68	-619.23	546.10	285.76	250.55	35.21	8.116		
3,600.00	3,520.58	3,582.21	3,468.07	18.37	19.18	67.44	-639.86	565.76	295.01	258.77	36.24	8.140		
3,700.00	3,617.89	3,681.77	3,563.47	18.90	19.75	67.21	-660.50	585.41	304.26	266.99	37.27	8.163		
3,800.00	3,715.21	3,781.33	3,658.87	19.43	20.33	67.00	-681.13	605.06	313.52	275.21	38.31	8.184		
3,900.00	3,812.52	3,880.90	3,754.27	19.95	20.90	66.80	-701.77	624.71	322.78	283.44	39.34	8.204		
4,000.00	3,909.83	3,980.46	3,849.67	20.48	21.47	66.61	-722.40	644.36	332.04	291.67	40.38	8.223		
4,100.00	4,007.15	4,080.03	3,945.07	21.01	22.05	66.43	-743.04	664.01	341.31	299.90	41.42	8.241		
4,200.00	4,104.46	4,179.59	4,040.47	21.53	22.62	66.26	-763.67	683.66	350.58	308.13	42.45	8.258		
4,300.00	4,201.78	4,279.16	4,135.87	22.06	23.20	66.10	-784.31	703.31	359.86	316.37	43.49	8.274		
4,400.00	4,299.09	4,378.72	4,231.27	22.59	23.77	65.94	-804.94	722.96	369.13	324.60	44.53	8.290		
4,500.00	4,396.40	4,478.28	4,326.67	23.12	24.35	65.80	-825.58	742.61	378.41	332.84	45.57	8.304		
4,600.00	4,493.72	4,577.85	4,422.07	23.65	24.92	65.66	-846.21	762.26	387.69	341.08	46.61	8.318		
4,700.00	4,591.03	4,677.41	4,517.47	24.18	25.50	65.53	-866.85	781.91	396.98	349.33	47.65	8.331		
4,800.00	4,688.34	4,776.98	4,612.87	24.71	26.08	65.40	-887.48	801.56	406.26	357.57	48.69	8.344		
4,900.00	4,785.66	4,876.54	4,708.27	25.24	26.65	65.28	-908.12	821.21	415.55	365.82	49.73	8.356		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,882.97	4,976.10	4,803.67	25.77	27.23	65.17	-928.75	840.86	424.84	374.06	50.77	8.367		
5,100.00	4,980.29	5,075.67	4,899.07	26.30	27.81	65.06	-949.38	860.51	434.13	382.31	51.82	8.378		
5,200.00	5,077.60	5,175.23	4,994.47	26.83	28.39	64.95	-970.02	880.16	443.42	390.56	52.86	8.389		
5,300.00	5,174.91	5,274.80	5,089.87	27.36	28.97	64.85	-990.65	899.81	452.71	398.81	53.90	8.399		
5,400.00	5,272.23	5,374.36	5,185.27	27.89	29.54	64.75	-1,011.29	919.46	462.01	407.06	54.95	8.408		
5,500.00	5,369.54	5,473.92	5,280.67	28.42	30.12	64.66	-1,031.92	939.11	471.31	415.32	55.99	8.418		
5,600.00	5,466.86	5,573.49	5,376.07	28.95	30.70	64.57	-1,052.56	958.76	480.60	423.57	57.03	8.427		
5,700.00	5,564.17	5,673.05	5,471.47	29.48	31.28	64.49	-1,073.19	978.41	489.90	431.82	58.08	8.435		
5,800.00	5,661.48	5,772.62	5,566.87	30.01	31.86	64.40	-1,093.83	998.06	499.20	440.08	59.12	8.443		
5,900.00	5,758.80	5,872.18	5,662.27	30.54	32.44	64.32	-1,114.46	1,017.71	508.50	448.33	60.17	8.451		
6,000.00	5,856.11	5,971.75	5,757.67	31.07	33.02	64.25	-1,135.10	1,037.36	517.80	456.59	61.21	8.459		
6,100.00	5,953.43	6,071.31	5,853.07	31.61	33.60	64.17	-1,155.73	1,057.01	527.11	464.85	62.26	8.466		
6,200.00	6,050.74	6,170.87	5,948.46	32.14	34.18	64.10	-1,176.37	1,076.66	536.41	473.10	63.31	8.473		
6,300.00	6,148.05	6,270.44	6,043.86	32.67	34.76	64.03	-1,197.00	1,096.31	545.71	481.36	64.35	8.480		
6,400.00	6,245.37	6,370.00	6,139.26	33.20	35.34	63.96	-1,217.64	1,115.96	555.02	489.62	65.40	8.487		
6,500.00	6,342.68	6,469.57	6,234.66	33.73	35.92	63.90	-1,238.27	1,135.61	564.32	497.88	66.44	8.493		
6,520.81	6,362.93	6,509.72	6,254.51	33.85	36.15	63.88	-1,242.56	1,139.70	566.26	499.49	66.77	8.481		
6,550.00	6,391.46	6,519.34	6,282.35	34.00	36.21	57.71	-1,248.59	1,145.43	568.95	502.00	66.95	8.498		
6,600.00	6,440.79	6,568.91	6,329.85	34.23	36.50	38.75	-1,258.86	1,155.22	573.46	506.07	67.39	8.510		
6,650.00	6,490.44	6,617.99	6,376.88	34.43	36.78	3.14	-1,269.03	1,164.90	577.90	510.15	67.75	8.530		
6,700.00	6,540.10	6,666.27	6,423.14	34.60	37.06	-33.76	-1,279.04	1,174.43	582.41	514.38	68.03	8.561		
6,750.00	6,589.46	6,713.46	6,468.36	34.76	37.34	-54.67	-1,288.82	1,183.75	587.20	518.95	68.25	8.603		
6,800.00	6,638.22	6,759.46	6,512.53	34.92	37.60	-65.95	-1,298.37	1,192.30	592.51	524.09	68.43	8.659		
6,850.00	6,686.09	6,806.30	6,557.97	35.07	37.84	-72.87	-1,308.19	1,197.96	598.50	529.89	68.61	8.723		
6,900.00	6,732.75	6,854.56	6,605.08	35.24	38.07	-77.66	-1,318.36	1,200.20	605.14	536.33	68.81	8.794		
6,950.00	6,777.94	6,904.40	6,653.76	35.42	38.26	-81.26	-1,328.86	1,198.67	612.38	543.34	69.04	8.870		
7,000.00	6,821.36	6,956.00	6,703.88	35.61	38.44	-84.15	-1,339.66	1,192.99	620.16	550.87	69.29	8.951		
7,050.00	6,862.75	7,009.54	6,755.24	35.83	38.60	-86.56	-1,350.71	1,182.73	628.40	558.84	69.56	9.034		
7,100.00	6,901.85	7,065.23	6,807.57	36.06	38.75	-88.63	-1,361.96	1,167.41	637.00	567.16	69.84	9.121		
7,150.00	6,938.43	7,123.27	6,860.49	36.32	38.90	-90.44	-1,373.32	1,146.54	645.86	575.73	70.14	9.209		
7,200.00	6,972.26	7,183.85	6,913.53	36.61	39.06	-92.05	-1,384.69	1,119.59	654.84	584.41	70.44	9.297		
7,250.00	7,003.13	7,247.18	6,966.02	36.93	39.24	-93.49	-1,395.93	1,086.04	663.81	593.05	70.75	9.382		
7,300.00	7,030.85	7,313.40	7,017.14	37.29	39.45	-94.76	-1,406.85	1,045.45	672.59	601.48	71.11	9.458		
7,350.00	7,055.25	7,382.61	7,065.87	37.68	39.70	-95.88	-1,417.24	997.46	681.02	609.48	71.54	9.519		
7,400.00	7,076.17	7,454.83	7,110.99	38.12	40.00	-96.83	-1,426.82	941.93	688.93	616.82	72.11	9.553		
7,450.00	7,093.50	7,529.98	7,151.09	38.60	40.38	-97.61	-1,435.31	879.00	696.12	623.23	72.90	9.550		
7,500.00	7,107.11	7,607.80	7,184.69	39.11	40.85	-98.20	-1,442.37	809.21	702.44	628.48	73.95	9.498		
7,550.00	7,116.94	7,687.93	7,210.33	39.66	41.42	-98.59	-1,447.70	733.54	707.71	632.36	75.35	9.392		
7,600.00	7,122.91	7,769.81	7,226.72	40.24	42.11	-98.76	-1,451.03	653.45	711.81	634.71	77.10	9.232		
7,650.18	7,125.00	7,853.06	7,232.96	40.85	42.90	-98.70	-1,452.16	570.50	714.66	635.50	79.16	9.028		
7,700.00	7,125.12	7,905.09	7,233.12	41.48	43.44	-98.68	-1,452.05	518.47	716.69	636.16	80.52	8.901		
7,800.00	7,125.36	8,005.01	7,233.36	42.88	44.63	-98.63	-1,451.84	418.55	720.74	637.39	83.35	8.647		
7,900.00	7,125.60	8,104.92	7,233.61	44.42	45.98	-98.58	-1,451.63	318.64	724.80	638.34	86.46	8.383		
8,000.00	7,125.84	8,204.84	7,233.86	46.10	47.49	-98.54	-1,451.42	218.72	728.85	639.03	89.82	8.115		
8,100.00	7,126.08	8,304.75	7,234.11	47.89	49.13	-98.49	-1,451.20	118.81	732.91	639.50	93.41	7.846		
8,200.00	7,126.32	8,404.67	7,234.36	49.79	50.90	-98.44	-1,450.99	18.89	736.97	639.77	97.20	7.582		
8,300.00	7,126.56	8,504.58	7,234.61	51.79	52.77	-98.40	-1,450.78	-81.02	741.02	639.86	101.16	7.325		
8,400.00	7,126.80	8,604.50	7,234.85	53.86	54.74	-98.35	-1,450.57	-180.94	745.08	639.79	105.29	7.077		
8,500.00	7,127.04	8,704.42	7,235.10	56.00	56.79	-98.31	-1,450.36	-280.85	749.14	639.59	109.55	6.838		
8,600.00	7,127.28	8,804.33	7,235.35	58.21	58.91	-98.26	-1,450.15	-380.77	753.20	639.25	113.94	6.610		
8,689.38	7,127.49	8,906.36	7,235.57	60.24	61.15	-98.22	-1,449.96	-470.08	756.83	638.58	118.25	6.400		
8,700.00	7,127.52	8,904.25	7,235.60	60.48	61.10	-98.22	-1,449.93	-480.69	757.24	638.79	118.45	6.393		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	9,004.22	7,235.85	62.79	63.35	-98.19	-1,449.72	-580.66	759.20	636.17	123.03	6.171		
8,841.07	7,127.85	9,045.29	7,235.95	63.74	64.29	-98.19	-1,449.64	-621.73	759.01	634.07	124.94	6.075		
8,900.00	7,128.00	9,104.22	7,236.10	65.12	65.65	-98.19	-1,449.51	-680.65	758.31	630.63	127.68	5.939		
9,000.00	7,128.23	9,204.21	7,236.35	67.50	67.99	-98.21	-1,449.30	-780.65	757.13	624.72	132.41	5.718		
9,100.00	7,128.47	9,304.21	7,236.59	69.91	70.37	-98.22	-1,449.09	-880.64	755.95	618.74	137.21	5.509		
9,200.00	7,128.71	9,404.20	7,236.84	72.35	72.79	-98.24	-1,448.88	-980.63	754.77	612.70	142.07	5.313		
9,300.00	7,128.95	9,504.19	7,237.09	74.83	75.24	-98.25	-1,448.66	-1,080.62	753.59	606.60	146.99	5.127		
9,400.00	7,129.19	9,604.18	7,237.34	77.33	77.72	-98.26	-1,448.45	-1,180.62	752.41	600.45	151.96	4.951		
9,500.00	7,129.43	9,704.18	7,237.59	79.86	80.23	-98.28	-1,448.24	-1,280.61	751.23	594.25	156.98	4.786		
9,600.00	7,129.67	9,804.17	7,237.84	82.41	82.76	-98.29	-1,448.03	-1,380.60	750.05	588.02	162.04	4.629		
9,700.00	7,129.91	9,904.16	7,238.09	84.97	85.31	-98.30	-1,447.82	-1,480.59	748.88	581.74	167.14	4.481		
9,800.00	7,130.15	10,004.16	7,238.34	87.56	87.88	-98.32	-1,447.61	-1,580.59	747.70	575.43	172.27	4.340		
9,900.00	7,130.39	10,104.15	7,238.58	90.16	90.47	-98.33	-1,447.39	-1,680.58	746.52	569.08	177.43	4.207		
10,000.00	7,130.63	10,204.14	7,238.83	92.78	93.07	-98.35	-1,447.18	-1,780.57	745.34	562.71	182.63	4.081		
10,100.00	7,130.87	10,304.13	7,239.08	95.41	95.69	-98.36	-1,446.97	-1,880.56	744.16	556.31	187.85	3.962		
10,200.00	7,131.11	10,404.13	7,239.33	98.06	98.33	-98.37	-1,446.76	-1,980.55	742.98	549.89	193.09	3.848		
10,300.00	7,131.35	10,504.12	7,239.58	100.71	100.97	-98.39	-1,446.55	-2,080.55	741.80	543.44	198.36	3.740		
10,400.00	7,131.59	10,604.11	7,239.83	103.38	103.63	-98.40	-1,446.34	-2,180.54	740.62	536.97	203.64	3.637		
10,500.00	7,131.83	10,704.11	7,240.08	106.06	106.30	-98.42	-1,446.12	-2,280.53	739.44	530.49	208.95	3.539		
10,600.00	7,132.07	10,804.10	7,240.32	108.74	108.98	-98.43	-1,445.91	-2,380.52	738.26	523.99	214.27	3.445		
10,700.00	7,132.31	10,904.09	7,240.57	111.44	111.67	-98.45	-1,445.70	-2,480.52	737.08	517.47	219.61	3.356		
10,800.00	7,132.55	11,004.08	7,240.82	114.14	114.36	-98.46	-1,445.49	-2,580.51	735.90	510.93	224.97	3.271		
10,900.00	7,132.79	11,104.08	7,241.07	116.85	117.07	-98.47	-1,445.28	-2,680.50	734.72	504.38	230.34	3.190		
11,000.00	7,133.03	11,204.07	7,241.32	119.57	119.78	-98.49	-1,445.06	-2,780.49	733.54	497.82	235.72	3.112		
11,100.00	7,133.27	11,304.06	7,241.57	122.29	122.50	-98.50	-1,444.85	-2,880.49	732.36	491.25	241.11	3.037		
11,200.00	7,133.51	11,404.06	7,241.82	125.02	125.22	-98.52	-1,444.64	-2,980.48	731.18	484.66	246.52	2.966		
11,300.00	7,133.74	11,504.05	7,242.07	127.76	127.95	-98.53	-1,444.43	-3,080.47	730.00	478.07	251.94	2.898		
11,400.00	7,133.98	11,604.04	7,242.31	130.50	130.69	-98.55	-1,444.22	-3,180.46	728.83	471.46	257.36	2.832		
11,500.00	7,134.22	11,704.03	7,242.56	133.24	133.43	-98.56	-1,444.01	-3,280.46	727.65	464.85	262.80	2.769		
11,600.00	7,134.46	11,804.03	7,242.81	135.99	136.18	-98.58	-1,443.79	-3,380.45	726.47	458.23	268.24	2.708		
11,700.00	7,134.70	11,904.02	7,243.06	138.75	138.93	-98.59	-1,443.58	-3,480.44	725.29	451.60	273.69	2.650		
11,800.00	7,134.94	12,004.01	7,243.31	141.51	141.69	-98.61	-1,443.37	-3,580.43	724.11	444.96	279.15	2.594		
11,900.00	7,135.18	12,104.01	7,243.56	144.27	144.45	-98.62	-1,443.16	-3,680.42	722.93	438.31	284.62	2.540		
12,000.00	7,135.42	12,204.00	7,243.81	147.03	147.21	-98.64	-1,442.95	-3,780.42	721.75	431.66	290.09	2.488		
12,100.00	7,135.66	12,303.99	7,244.05	149.80	149.98	-98.65	-1,442.74	-3,880.41	720.57	425.00	295.57	2.438		
12,200.00	7,135.90	12,403.98	7,244.30	152.58	152.75	-98.67	-1,442.52	-3,980.40	719.40	418.34	301.06	2.390		
12,300.00	7,136.14	12,503.98	7,244.55	155.35	155.52	-98.68	-1,442.31	-4,080.39	718.22	411.67	306.55	2.343		
12,400.00	7,136.38	12,603.97	7,244.80	158.13	158.30	-98.70	-1,442.10	-4,180.39	717.04	405.00	312.04	2.298		
12,500.00	7,136.62	12,703.96	7,245.05	160.91	161.08	-98.71	-1,441.89	-4,280.38	715.86	398.32	317.54	2.254		
12,600.00	7,136.86	12,803.96	7,245.30	163.70	163.86	-98.73	-1,441.68	-4,380.37	714.68	391.63	323.05	2.212		
12,700.00	7,137.10	12,903.95	7,245.55	166.48	166.65	-98.74	-1,441.47	-4,480.36	713.50	384.94	328.56	2.172		
12,800.00	7,137.34	13,003.94	7,245.80	169.27	169.44	-98.76	-1,441.25	-4,580.36	712.32	378.25	334.07	2.132		
12,900.00	7,137.58	13,103.93	7,246.04	172.06	172.23	-98.77	-1,441.04	-4,680.35	711.15	371.55	339.59	2.094		
13,000.00	7,137.82	13,203.93	7,246.29	174.86	175.02	-98.79	-1,440.83	-4,780.34	709.97	364.85	345.11	2.057		
13,100.00	7,138.06	13,303.92	7,246.54	177.65	177.82	-98.80	-1,440.62	-4,880.33	708.79	358.15	350.64	2.021		
13,200.00	7,138.30	13,403.91	7,246.79	180.45	180.61	-98.82	-1,440.41	-4,980.33	707.61	351.44	356.17	1.987		
13,300.00	7,138.54	13,503.91	7,247.04	183.25	183.41	-98.83	-1,440.19	-5,080.32	706.43	344.73	361.70	1.953		
13,400.00	7,138.78	13,603.90	7,247.29	186.05	186.21	-98.85	-1,439.98	-5,180.31	705.26	338.02	367.23	1.920		
13,500.00	7,139.02	13,703.89	7,247.54	188.85	189.01	-98.87	-1,439.77	-5,280.30	704.08	331.31	372.77	1.889		
13,600.00	7,139.25	13,803.88	7,247.78	191.65	191.82	-98.88	-1,439.56	-5,380.29	702.90	324.59	378.31	1.858		
13,700.00	7,139.49	13,903.88	7,248.03	194.46	194.63	-98.90	-1,439.35	-5,480.29	701.72	317.87	383.85	1.828		
13,800.00	7,139.73	14,003.87	7,248.28	197.27	197.43	-98.91	-1,439.14	-5,580.28	700.54	311.15	389.40	1.799		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 34C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	14,103.86	7,248.53	200.08	200.24	-98.93	-1,438.92	-5,680.27	699.37	304.42	394.95	1.771		
14,000.00	7,140.21	14,203.86	7,248.78	202.89	203.05	-98.94	-1,438.71	-5,780.26	698.19	297.69	400.50	1.743		
14,100.00	7,140.45	14,303.85	7,249.03	205.70	205.86	-98.96	-1,438.50	-5,880.26	697.01	290.96	406.05	1.717		
14,200.00	7,140.69	14,403.84	7,249.28	208.51	208.68	-98.98	-1,438.29	-5,980.25	695.83	284.23	411.60	1.691		
14,300.00	7,140.93	14,503.83	7,249.53	211.32	211.49	-98.99	-1,438.08	-6,080.24	694.66	277.50	417.16	1.665		
14,400.00	7,141.17	14,603.83	7,249.77	214.14	214.31	-99.01	-1,437.87	-6,180.23	693.48	270.77	422.71	1.641		
14,500.00	7,141.41	14,703.82	7,250.02	216.95	217.12	-99.03	-1,437.65	-6,280.23	692.30	264.03	428.27	1.616		
14,600.00	7,141.65	14,803.81	7,250.27	219.77	219.94	-99.04	-1,437.44	-6,380.22	691.12	257.29	433.83	1.593		
14,700.00	7,141.89	14,903.81	7,250.52	222.59	222.76	-99.06	-1,437.23	-6,480.21	689.95	250.55	439.39	1.570		
14,800.00	7,142.13	15,003.80	7,250.77	225.41	225.58	-99.07	-1,437.02	-6,580.20	688.77	243.81	444.96	1.548		
14,900.00	7,142.37	15,103.79	7,251.02	228.23	228.40	-99.09	-1,436.81	-6,680.20	687.59	237.07	450.52	1.526		
15,000.00	7,142.61	15,203.79	7,251.27	231.05	231.23	-99.11	-1,436.60	-6,780.19	686.42	230.33	456.09	1.505		
15,100.00	7,142.85	15,303.78	7,251.51	233.87	234.05	-99.12	-1,436.38	-6,880.18	685.24	223.58	461.65	1.484 Level 3		
15,200.00	7,143.09	15,403.77	7,251.76	236.69	236.87	-99.14	-1,436.17	-6,980.17	684.06	216.84	467.22	1.464 Level 3		
15,300.00	7,143.33	15,503.76	7,252.01	239.52	239.70	-99.16	-1,435.96	-7,080.16	682.88	210.09	472.79	1.444 Level 3		
15,400.00	7,143.57	15,603.76	7,252.26	242.34	242.52	-99.17	-1,435.75	-7,180.16	681.71	203.35	478.36	1.425 Level 3		
15,500.00	7,143.81	15,703.75	7,252.51	245.17	245.35	-99.19	-1,435.54	-7,280.15	680.53	196.60	483.93	1.406 Level 3		
15,600.00	7,144.05	15,803.74	7,252.76	247.99	248.18	-99.21	-1,435.33	-7,380.14	679.35	189.85	489.50	1.388 Level 3		
15,700.00	7,144.29	15,903.74	7,253.01	250.82	251.01	-99.22	-1,435.11	-7,480.13	678.18	183.10	495.07	1.370 Level 3		
15,800.00	7,144.53	16,003.73	7,253.25	253.64	253.83	-99.24	-1,434.90	-7,580.13	677.00	176.35	500.65	1.352 Level 3		
15,900.00	7,144.76	16,103.72	7,253.50	256.47	256.66	-99.26	-1,434.69	-7,680.12	675.82	169.60	506.22	1.335 Level 3		
16,000.00	7,145.00	16,203.71	7,253.75	259.30	259.49	-99.28	-1,434.48	-7,780.11	674.65	162.85	511.80	1.318 Level 3		
16,100.00	7,145.24	16,303.71	7,254.00	262.13	262.32	-99.29	-1,434.27	-7,880.10	673.47	156.10	517.37	1.302 Level 3		
16,200.00	7,145.48	16,403.70	7,254.25	264.96	265.16	-99.31	-1,434.05	-7,980.10	672.29	149.35	522.95	1.286 Level 3		
16,300.00	7,145.72	16,503.69	7,254.50	267.79	267.99	-99.33	-1,433.84	-8,080.09	671.12	142.59	528.52	1.270 Level 3		
16,400.00	7,145.96	16,603.69	7,254.75	270.62	270.82	-99.34	-1,433.63	-8,180.08	669.94	135.84	534.10	1.254 Level 3		
16,500.00	7,146.20	16,703.68	7,255.00	273.45	273.65	-99.36	-1,433.42	-8,280.07	668.77	129.09	539.68	1.239 Level 2		
16,600.00	7,146.44	16,803.67	7,255.24	276.28	276.49	-99.38	-1,433.21	-8,380.07	667.59	122.33	545.26	1.224 Level 2		
16,700.00	7,146.68	16,903.66	7,255.49	279.12	279.32	-99.40	-1,433.00	-8,480.06	666.41	115.58	550.83	1.210 Level 2		
16,800.00	7,146.92	17,003.66	7,255.74	281.95	282.16	-99.41	-1,432.78	-8,580.05	665.24	108.83	556.41	1.196 Level 2		
16,900.00	7,147.16	17,103.65	7,255.99	284.78	284.99	-99.43	-1,432.57	-8,680.04	664.06	102.07	561.99	1.182 Level 2		
17,000.00	7,147.40	17,203.64	7,256.24	287.62	287.83	-99.45	-1,432.36	-8,780.03	662.88	95.32	567.57	1.168 Level 2		
17,100.00	7,147.64	17,303.64	7,256.49	290.45	290.67	-99.47	-1,432.15	-8,880.03	661.71	88.56	573.15	1.155 Level 2		
17,200.00	7,147.88	17,403.63	7,256.74	293.28	293.50	-99.48	-1,431.94	-8,980.02	660.53	81.81	578.73	1.141 Level 2		
17,300.00	7,148.12	17,503.62	7,256.98	296.12	296.34	-99.50	-1,431.73	-9,080.01	659.36	75.05	584.31	1.128 Level 2		
17,400.00	7,148.36	17,603.61	7,257.23	298.95	299.18	-99.52	-1,431.51	-9,180.00	658.18	68.29	589.89	1.116 Level 2		
17,500.00	7,148.60	17,703.61	7,257.48	301.79	302.02	-99.54	-1,431.30	-9,280.00	657.01	61.54	595.47	1.103 Level 2		
17,600.00	7,148.84	17,803.60	7,257.73	304.63	304.85	-99.56	-1,431.09	-9,379.99	655.83	54.78	601.05	1.091 Level 2		
17,700.00	7,149.08	17,903.59	7,257.98	307.46	307.69	-99.57	-1,430.88	-9,479.98	654.66	48.03	606.63	1.079 Level 2		
17,800.00	7,149.32	18,003.59	7,258.23	310.30	310.53	-99.59	-1,430.67	-9,579.97	653.48	41.27	612.21	1.067 Level 2		
17,900.00	7,149.56	18,103.58	7,258.48	313.14	313.37	-99.61	-1,430.46	-9,679.97	652.30	34.52	617.79	1.056 Level 2		
18,000.00	7,149.80	18,203.57	7,258.73	315.98	316.21	-99.63	-1,430.24	-9,779.96	651.13	27.76	623.37	1.045 Level 2		
18,100.00	7,150.04	18,303.56	7,258.98	318.81	319.05	-99.65	-1,430.03	-9,879.95	649.95	21.01	628.95	1.033 Level 2		
18,200.00	7,150.27	18,403.56	7,259.22	321.65	321.89	-99.67	-1,429.82	-9,979.94	648.78	14.25	634.53	1.022 Level 2		
18,300.00	7,150.51	18,503.55	7,259.47	324.49	324.74	-99.68	-1,429.61	-10,079.93	647.60	7.50	640.11	1.012 Level 2		
18,400.00	7,150.75	18,603.54	7,259.72	327.33	327.58	-99.70	-1,429.40	-10,179.93	646.43	0.74	645.69	1.001 Level 2		
18,500.00	7,150.99	18,703.54	7,259.97	330.17	330.42	-99.72	-1,429.18	-10,279.92	645.25	-6.01	651.27	0.991 Level 1		
18,600.00	7,151.23	18,803.53	7,260.22	333.01	333.26	-99.74	-1,428.97	-10,379.91	644.08	-12.77	656.85	0.981 Level 1		
18,700.00	7,151.47	18,903.52	7,260.47	335.85	336.10	-99.76	-1,428.76	-10,479.90	642.90	-19.52	662.43	0.971 Level 1		
18,800.00	7,151.71	19,003.51	7,260.71	338.69	338.95	-99.78	-1,428.55	-10,579.90	641.73	-26.28	668.01	0.961 Level 1		
18,900.00	7,151.95	19,103.51	7,260.96	341.53	341.79	-99.80	-1,428.34	-10,679.89	640.55	-33.03	673.58	0.951 Level 1		
18,920.23	7,152.00	19,118.22	7,261.00	342.10	342.21	-99.80	-1,428.31	-10,694.60	640.34	-34.16	674.50	0.949 Level 1, ES, SF		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-60.11	-0.56	60.11					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-60.11	-0.56	60.11	53.54	6.57	9.150		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-60.11	-0.56	60.11	53.44	6.67	9.007 CC, ES		
300.00	299.98	298.49	298.47	3.44	3.44	60.84	-61.35	0.59	60.51	53.62	6.89	8.788		
400.00	399.84	396.97	396.82	3.60	3.59	61.75	-65.08	4.04	61.70	54.50	7.20	8.572		
500.00	499.45	495.42	494.90	3.80	3.79	63.19	-71.29	9.77	63.72	56.11	7.61	8.376		
600.00	598.70	593.83	592.59	4.04	4.02	65.04	-79.96	17.79	66.60	58.50	8.10	8.222		
700.00	697.47	692.18	689.77	4.33	4.30	67.19	-91.08	28.07	70.41	61.74	8.67	8.123		
800.00	795.62	790.47	786.30	4.65	4.62	69.51	-104.64	40.60	75.17	65.86	9.30	8.079		
865.50	859.53	854.80	849.11	4.89	4.84	71.06	-114.82	50.02	78.83	69.07	9.76	8.079		
900.00	893.10	888.67	882.06	5.02	4.97	71.78	-120.60	55.36	80.99	70.99	10.01	8.094		
1,000.00	990.42	986.73	976.88	5.41	5.36	72.43	-138.94	72.31	88.61	77.84	10.77	8.226		
1,100.00	1,087.73	1,085.23	1,071.30	5.83	5.79	71.48	-159.54	91.36	98.01	86.43	11.58	8.462		
1,200.00	1,185.05	1,184.74	1,166.51	6.27	6.25	70.43	-180.77	110.98	107.78	95.35	12.43	8.670		
1,300.00	1,282.36	1,284.24	1,261.72	6.72	6.73	69.55	-202.00	130.61	117.58	104.27	13.31	8.835		
1,400.00	1,379.67	1,383.75	1,356.93	7.18	7.23	68.81	-223.23	150.23	127.40	113.19	14.21	8.966		
1,500.00	1,476.99	1,483.25	1,452.15	7.65	7.74	68.17	-244.46	169.85	137.24	122.11	15.13	9.071		
1,600.00	1,574.30	1,582.75	1,547.36	8.13	8.26	67.62	-265.69	189.48	147.09	131.03	16.07	9.155		
1,700.00	1,671.61	1,682.26	1,642.57	8.62	8.79	67.14	-286.92	209.10	156.96	139.94	17.02	9.223		
1,800.00	1,768.93	1,781.76	1,737.78	9.11	9.33	66.72	-308.15	228.73	166.84	148.86	17.98	9.279		
1,900.00	1,866.24	1,881.27	1,832.99	9.60	9.87	66.34	-329.38	248.35	176.72	157.77	18.95	9.325		
2,000.00	1,963.56	1,980.77	1,928.20	10.10	10.41	66.00	-350.60	267.97	186.61	166.68	19.93	9.363		
2,100.00	2,060.87	2,080.27	2,023.42	10.61	10.96	65.70	-371.83	287.60	196.51	175.59	20.92	9.394		
2,200.00	2,158.18	2,179.78	2,118.63	11.11	11.52	65.43	-393.06	307.22	206.41	184.50	21.91	9.420		
2,300.00	2,255.50	2,279.28	2,213.84	11.62	12.08	65.18	-414.29	326.84	216.31	193.40	22.91	9.442		
2,400.00	2,352.81	2,378.79	2,309.05	12.13	12.64	64.95	-435.52	346.47	226.22	202.31	23.91	9.460		
2,500.00	2,450.13	2,478.29	2,404.26	12.65	13.20	64.74	-456.75	366.09	236.13	211.21	24.92	9.475		
2,600.00	2,547.44	2,577.79	2,499.48	13.16	13.76	64.55	-477.98	385.72	246.05	220.12	25.93	9.488		
2,700.00	2,644.75	2,677.30	2,594.69	13.68	14.33	64.38	-499.21	405.34	255.97	229.02	26.95	9.499		
2,800.00	2,742.07	2,776.80	2,689.90	14.20	14.90	64.21	-520.43	424.96	265.89	237.92	27.96	9.508		
2,900.00	2,839.38	2,876.31	2,785.11	14.71	15.47	64.06	-541.66	444.59	275.81	246.83	28.98	9.516		
3,000.00	2,936.70	2,975.81	2,880.32	15.23	16.04	63.92	-562.89	464.21	285.73	255.73	30.01	9.522		
3,100.00	3,034.01	3,075.31	2,975.53	15.76	16.61	63.79	-584.12	483.83	295.66	264.63	31.03	9.528		
3,200.00	3,131.32	3,174.82	3,070.75	16.28	17.18	63.67	-605.35	503.46	305.59	273.53	32.06	9.533		
3,300.00	3,228.64	3,274.32	3,165.96	16.80	17.76	63.55	-626.58	523.08	315.51	282.43	33.08	9.537		
3,400.00	3,325.95	3,373.83	3,261.17	17.32	18.33	63.44	-647.81	542.71	325.44	291.33	34.11	9.540		
3,500.00	3,423.26	3,473.33	3,356.38	17.85	18.91	63.34	-669.04	562.33	335.37	300.23	35.15	9.543		
3,600.00	3,520.58	3,572.83	3,451.59	18.37	19.48	63.24	-690.27	581.95	345.30	309.13	36.18	9.545		
3,700.00	3,617.89	3,672.34	3,546.81	18.90	20.06	63.15	-711.49	601.58	355.24	318.03	37.21	9.547		
3,800.00	3,715.21	3,771.84	3,642.02	19.43	20.64	63.07	-732.72	621.20	365.17	326.93	38.25	9.548		
3,900.00	3,812.52	3,871.35	3,737.23	19.95	21.21	62.99	-753.95	640.82	375.10	335.82	39.28	9.549		
4,000.00	3,909.83	3,970.85	3,832.44	20.48	21.79	62.91	-775.18	660.45	385.04	344.72	40.32	9.550		
4,100.00	4,007.15	4,070.35	3,927.65	21.01	22.37	62.84	-796.41	680.07	394.97	353.62	41.35	9.551		
4,200.00	4,104.46	4,169.86	4,022.86	21.53	22.95	62.77	-817.64	699.70	404.91	362.52	42.39	9.552		
4,300.00	4,201.78	4,269.36	4,118.08	22.06	23.53	62.70	-838.87	719.32	414.85	371.42	43.43	9.552		
4,400.00	4,299.09	4,368.87	4,213.29	22.59	24.11	62.64	-860.10	738.94	424.78	380.31	44.47	9.552		
4,500.00	4,396.40	4,468.37	4,308.50	23.12	24.69	62.58	-881.32	758.57	434.72	389.21	45.51	9.552		
4,600.00	4,493.72	4,567.87	4,403.71	23.65	25.27	62.52	-902.55	778.19	444.66	398.11	46.55	9.552		
4,700.00	4,591.03	4,667.38	4,498.92	24.18	25.85	62.47	-923.78	797.81	454.60	407.00	47.59	9.552		
4,800.00	4,688.34	4,766.88	4,594.14	24.71	26.43	62.41	-945.01	817.44	464.54	415.90	48.63	9.552		
4,900.00	4,785.66	4,866.39	4,689.35	25.24	27.02	62.36	-966.24	837.06	474.47	424.80	49.68	9.551		
5,000.00	4,882.97	4,965.89	4,784.56	25.77	27.60	62.31	-987.47	856.69	484.41	433.69	50.72	9.551		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,065.39	4,879.77	26.30	28.18	62.27	-1,008.70	876.31	494.35	442.59	51.76	9.550		
5,200.00	5,077.60	5,164.90	4,974.98	26.83	28.76	62.22	-1,029.93	895.93	504.29	451.49	52.81	9.550		
5,300.00	5,174.91	5,264.40	5,070.19	27.36	29.34	62.18	-1,051.16	915.56	514.23	460.38	53.85	9.549		
5,400.00	5,272.23	5,363.91	5,165.41	27.89	29.93	62.14	-1,072.38	935.18	524.17	469.28	54.90	9.549		
5,500.00	5,369.54	5,463.41	5,260.62	28.42	30.51	62.10	-1,093.61	954.80	534.12	478.18	55.94	9.548		
5,600.00	5,466.86	5,562.91	5,355.83	28.95	31.09	62.06	-1,114.84	974.43	544.06	487.07	56.98	9.547		
5,700.00	5,564.17	5,662.42	5,451.04	29.48	31.68	62.02	-1,136.07	994.05	554.00	495.97	58.03	9.547		
5,800.00	5,661.48	5,761.92	5,546.25	30.01	32.26	61.99	-1,157.30	1,013.67	563.94	504.86	59.08	9.546		
5,900.00	5,758.80	5,861.43	5,641.47	30.54	32.84	61.96	-1,178.53	1,033.30	573.88	513.76	60.12	9.545		
6,000.00	5,856.11	5,960.93	5,736.68	31.07	33.43	61.92	-1,199.76	1,052.92	583.82	522.65	61.17	9.545		
6,100.00	5,953.43	6,060.43	5,831.89	31.61	34.01	61.89	-1,220.99	1,072.55	593.77	531.55	62.21	9.544		
6,200.00	6,050.74	6,159.94	5,927.10	32.14	34.59	61.86	-1,242.21	1,092.17	603.71	540.45	63.26	9.543		
6,300.00	6,148.05	6,259.44	6,022.31	32.67	35.18	61.83	-1,263.44	1,111.79	613.65	549.34	64.31	9.542		
6,400.00	6,245.37	6,358.95	6,117.52	33.20	35.76	61.80	-1,284.67	1,131.42	623.59	558.24	65.36	9.542		
6,500.00	6,342.68	6,458.45	6,212.74	33.73	36.34	61.77	-1,305.90	1,151.04	633.54	567.13	66.40	9.541		
6,520.81	6,362.93	6,479.15	6,232.55	33.85	36.47	61.77	-1,310.32	1,155.12	635.60	568.98	66.62	9.541		
6,550.00	6,391.46	6,508.19	6,260.33	34.00	36.64	55.63	-1,316.51	1,160.85	638.51	571.59	66.91	9.542		
6,600.00	6,440.79	6,557.73	6,307.74	34.23	36.93	36.77	-1,327.08	1,170.62	643.49	576.13	67.36	9.554		
6,650.00	6,490.44	6,606.78	6,354.67	34.43	37.22	1.32	-1,337.55	1,180.29	648.52	580.80	67.72	9.576		
6,700.00	6,540.10	6,654.41	6,400.29	34.60	37.49	-35.34	-1,347.72	1,189.43	653.73	585.72	68.01	9.612		
6,750.00	6,589.46	6,701.33	6,445.67	34.76	37.74	-55.74	-1,357.87	1,195.64	659.30	591.04	68.27	9.658		
6,800.00	6,638.22	6,749.11	6,492.19	34.92	37.97	-66.33	-1,368.31	1,198.43	665.25	596.73	68.52	9.709		
6,850.00	6,686.09	6,797.79	6,539.67	35.07	38.17	-72.55	-1,378.99	1,197.59	671.53	602.75	68.78	9.764		
6,900.00	6,732.75	6,847.46	6,587.90	35.24	38.34	-76.63	-1,389.88	1,192.90	678.11	609.06	69.05	9.820		
6,950.00	6,777.94	6,898.19	6,636.62	35.42	38.50	-79.53	-1,400.93	1,184.15	684.94	615.59	69.36	9.876		
7,000.00	6,821.36	6,950.05	6,685.55	35.61	38.64	-81.72	-1,412.05	1,171.12	691.98	622.29	69.69	9.929		
7,050.00	6,862.75	7,003.11	6,734.36	35.83	38.78	-83.44	-1,423.20	1,153.61	699.17	629.11	70.06	9.980		
7,100.00	6,901.85	7,057.44	6,782.69	36.06	38.92	-84.83	-1,434.28	1,131.43	706.44	635.97	70.47	10.025		
7,150.00	6,938.43	7,113.10	6,830.08	36.32	39.06	-85.97	-1,445.20	1,104.41	713.72	642.80	70.92	10.064		
7,200.00	6,972.26	7,170.13	6,876.07	36.61	39.22	-86.93	-1,455.84	1,072.43	720.96	649.53	71.42	10.094		
7,250.00	7,003.13	7,228.58	6,920.09	36.93	39.40	-87.73	-1,466.09	1,035.40	728.06	656.06	71.99	10.113		
7,300.00	7,030.85	7,288.45	6,961.54	37.29	39.61	-88.39	-1,475.82	993.34	734.95	662.31	72.64	10.117		
7,350.00	7,055.25	7,349.75	6,999.79	37.68	39.85	-88.93	-1,484.86	946.34	741.55	668.16	73.40	10.103		
7,400.00	7,076.17	7,412.41	7,034.15	38.12	40.14	-89.37	-1,493.08	894.61	747.78	673.51	74.28	10.067		
7,450.00	7,093.50	7,476.39	7,063.92	38.60	40.49	-89.70	-1,500.31	838.48	753.57	678.26	75.31	10.007		
7,500.00	7,107.11	7,541.55	7,088.43	39.11	40.90	-89.92	-1,506.39	778.44	758.82	682.33	76.49	9.920		
7,550.00	7,116.94	7,607.76	7,107.07	39.66	41.37	-90.05	-1,511.18	715.12	763.49	685.65	77.84	9.808		
7,600.00	7,122.91	7,674.82	7,119.31	40.24	41.93	-90.07	-1,514.56	649.31	767.50	688.14	79.36	9.671		
7,650.18	7,125.00	7,742.75	7,124.75	40.85	42.55	-89.99	-1,516.42	581.65	770.82	689.81	81.02	9.514		
7,700.00	7,125.12	7,803.04	7,125.09	41.48	43.16	-90.01	-1,517.02	527.45	773.51	691.00	82.50	9.375		
7,800.00	7,125.36	7,903.18	7,125.33	42.88	44.33	-90.01	-1,518.02	427.59	778.82	693.47	85.35	9.125		
7,900.00	7,125.60	8,003.32	7,125.57	44.42	45.66	-90.01	-1,519.02	327.74	784.13	695.66	88.47	8.863		
8,000.00	7,125.84	8,103.47	7,125.81	46.10	47.15	-90.01	-1,520.02	227.89	789.44	697.59	91.85	8.595		
8,100.00	7,126.08	8,203.61	7,126.05	47.89	48.79	-90.01	-1,521.02	128.03	794.75	699.30	95.45	8.326		
8,200.00	7,126.32	8,303.75	7,126.29	49.79	50.55	-90.01	-1,522.02	28.18	800.07	700.81	99.25	8.061		
8,300.00	7,126.56	8,403.89	7,126.53	51.79	52.42	-90.01	-1,523.02	-71.67	805.38	702.15	103.23	7.802		
8,400.00	7,126.80	8,504.03	7,126.77	53.86	54.39	-90.01	-1,524.02	-171.53	810.69	703.32	107.37	7.551		
8,500.00	7,127.04	8,604.17	7,127.01	56.00	56.44	-90.01	-1,525.02	-271.38	816.00	704.36	111.65	7.309		
8,600.00	7,127.28	8,704.31	7,127.25	58.21	58.56	-90.01	-1,526.02	-371.23	821.31	705.26	116.05	7.077		
8,689.38	7,127.49	8,784.95	7,127.46	60.24	60.33	-90.01	-1,526.91	-460.49	826.06	706.18	119.88	6.891		
8,700.00	7,127.52	8,804.45	7,127.49	60.48	60.76	-90.00	-1,527.02	-471.09	826.61	706.04	120.56	6.856		
8,800.00	7,127.76	8,904.51	7,127.73	62.79	63.00	-90.00	-1,528.02	-571.03	829.80	704.64	125.17	6.629		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 34N-9C-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	8,936.56	7,127.83	63.74	63.74	-90.00	-1,528.43	-612.09	830.11	703.23	126.88	6.543		
8,900.00	7,128.00	9,004.51	7,127.97	65.12	65.30	-90.00	-1,529.02	-671.02	830.12	700.27	129.85	6.393		
9,000.00	7,128.23	9,104.51	7,128.21	67.50	67.64	-90.00	-1,530.02	-771.01	830.14	695.52	134.62	6.167		
9,100.00	7,128.47	9,204.51	7,128.45	69.91	70.02	-90.00	-1,531.02	-871.01	830.16	690.70	139.45	5.953		
9,200.00	7,128.71	9,304.51	7,128.69	72.35	72.44	-90.00	-1,532.02	-971.00	830.18	685.82	144.35	5.751		
9,300.00	7,128.95	9,404.51	7,128.93	74.83	74.89	-90.00	-1,533.03	-1,071.00	830.20	680.89	149.31	5.560		
9,400.00	7,129.19	9,504.51	7,129.17	77.33	77.37	-90.00	-1,534.03	-1,170.99	830.22	675.90	154.32	5.380		
9,500.00	7,129.43	9,604.51	7,129.41	79.86	79.88	-90.00	-1,535.03	-1,270.99	830.24	670.86	159.38	5.209		
9,600.00	7,129.67	9,704.51	7,129.65	82.41	82.41	-90.00	-1,536.03	-1,370.98	830.26	665.78	164.48	5.048		
9,700.00	7,129.91	9,795.49	7,129.89	84.97	84.73	-90.00	-1,537.03	-1,470.98	830.28	660.89	169.39	4.902		
9,800.00	7,130.15	9,904.51	7,130.13	87.56	87.53	-90.00	-1,538.03	-1,570.97	830.30	655.50	174.79	4.750		
9,900.00	7,130.39	10,004.51	7,130.36	90.16	90.12	-90.00	-1,539.04	-1,670.97	830.32	650.32	180.00	4.613		
10,000.00	7,130.63	10,104.51	7,130.60	92.78	92.72	-90.00	-1,540.04	-1,770.96	830.34	645.10	185.24	4.483		
10,100.00	7,130.87	10,204.51	7,130.84	95.41	95.34	-90.00	-1,541.04	-1,870.96	830.36	639.85	190.50	4.359		
10,200.00	7,131.11	10,304.51	7,131.08	98.06	97.97	-90.00	-1,542.04	-1,970.95	830.38	634.58	195.79	4.241		
10,300.00	7,131.35	10,404.51	7,131.32	100.71	100.62	-90.00	-1,543.04	-2,070.95	830.39	629.29	201.11	4.129		
10,400.00	7,131.59	10,504.51	7,131.56	103.38	103.28	-90.00	-1,544.04	-2,170.94	830.41	623.97	206.44	4.023		
10,500.00	7,131.83	10,604.51	7,131.80	106.06	105.94	-90.00	-1,545.04	-2,270.94	830.43	618.64	211.80	3.921		
10,600.00	7,132.07	10,704.51	7,132.04	108.74	108.62	-90.00	-1,546.05	-2,370.93	830.45	613.29	217.17	3.824		
10,700.00	7,132.31	10,804.51	7,132.28	111.44	111.31	-90.00	-1,547.05	-2,470.92	830.47	607.92	222.56	3.732		
10,800.00	7,132.55	10,904.51	7,132.52	114.14	114.00	-90.00	-1,548.05	-2,570.92	830.49	602.53	227.96	3.643		
10,900.00	7,132.79	11,004.51	7,132.76	116.85	116.70	-90.00	-1,549.05	-2,670.91	830.51	597.13	233.38	3.559		
11,000.00	7,133.03	11,104.51	7,133.00	119.57	119.41	-90.00	-1,550.05	-2,770.91	830.53	591.72	238.82	3.478		
11,100.00	7,133.27	11,204.51	7,133.24	122.29	122.13	-90.00	-1,551.05	-2,870.90	830.55	586.29	244.26	3.400		
11,200.00	7,133.51	11,304.51	7,133.48	125.02	124.85	-90.00	-1,552.06	-2,970.89	830.57	580.85	249.72	3.326		
11,300.00	7,133.74	11,404.51	7,133.72	127.76	127.58	-90.00	-1,553.06	-3,070.89	830.59	575.40	255.19	3.255		
11,400.00	7,133.98	11,504.51	7,133.96	130.50	130.32	-90.00	-1,554.06	-3,170.89	830.61	569.94	260.67	3.186		
11,500.00	7,134.22	11,604.51	7,134.20	133.24	133.06	-90.00	-1,555.06	-3,270.88	830.63	564.47	266.16	3.121		
11,600.00	7,134.46	11,704.51	7,134.44	135.99	135.80	-90.00	-1,556.06	-3,370.88	830.65	558.99	271.66	3.058		
11,700.00	7,134.70	11,804.51	7,134.68	138.75	138.55	-90.00	-1,557.06	-3,470.87	830.67	553.50	277.17	2.997		
11,800.00	7,134.94	11,895.49	7,134.92	141.51	141.05	-90.00	-1,558.07	-3,570.87	830.69	548.25	282.44	2.941		
11,900.00	7,135.18	12,004.51	7,135.16	144.27	144.06	-90.00	-1,559.07	-3,670.86	830.71	542.50	288.21	2.882		
12,000.00	7,135.42	12,104.51	7,135.40	147.03	146.82	-90.00	-1,560.07	-3,770.86	830.73	536.99	293.74	2.828		
12,100.00	7,135.66	12,204.51	7,135.64	149.80	149.59	-90.00	-1,561.07	-3,870.85	830.75	531.47	299.28	2.776		
12,200.00	7,135.90	12,295.49	7,135.88	152.58	152.11	-90.00	-1,562.07	-3,970.84	830.77	526.20	304.57	2.728		
12,300.00	7,136.14	12,404.51	7,136.12	155.35	155.13	-90.00	-1,563.07	-4,070.84	830.79	520.42	310.37	2.677		
12,400.00	7,136.38	12,504.51	7,136.36	158.13	157.90	-90.00	-1,564.07	-4,170.83	830.81	514.88	315.93	2.630		
12,500.00	7,136.62	12,604.51	7,136.60	160.91	160.68	-90.00	-1,565.08	-4,270.83	830.83	509.34	321.49	2.584		
12,600.00	7,136.86	12,704.51	7,136.84	163.70	163.46	-90.00	-1,566.08	-4,370.82	830.85	503.79	327.06	2.540		
12,700.00	7,137.10	12,804.51	7,137.08	166.48	166.24	-90.00	-1,567.08	-4,470.82	830.87	498.24	332.63	2.498		
12,800.00	7,137.34	12,895.49	7,137.32	169.27	168.78	-90.00	-1,568.08	-4,570.81	830.89	492.93	337.95	2.459		
12,900.00	7,137.58	13,004.51	7,137.56	172.06	171.82	-90.00	-1,569.08	-4,670.81	830.91	487.12	343.79	2.417		
13,000.00	7,137.82	13,104.51	7,137.80	174.86	174.61	-90.00	-1,570.08	-4,770.80	830.93	481.55	349.37	2.378		
13,100.00	7,138.06	13,204.51	7,138.04	177.65	177.40	-90.00	-1,571.09	-4,870.80	830.95	475.98	354.96	2.341		
13,200.00	7,138.30	13,304.51	7,138.28	180.45	180.19	-90.00	-1,572.09	-4,970.79	830.97	470.41	360.56	2.305		
13,300.00	7,138.54	13,404.51	7,138.52	183.25	182.99	-90.00	-1,573.09	-5,070.79	830.99	464.83	366.15	2.270		
13,400.00	7,138.78	13,495.49	7,138.76	186.05	185.53	-90.00	-1,574.09	-5,170.78	831.01	459.50	371.50	2.237		
13,500.00	7,139.02	13,604.51	7,139.00	188.85	188.59	-90.00	-1,575.09	-5,270.78	831.03	453.67	377.36	2.202		
13,600.00	7,139.25	13,704.51	7,139.24	191.65	191.39	-90.00	-1,576.09	-5,370.77	831.04	448.08	382.97	2.170		
13,700.00	7,139.49	13,804.51	7,139.48	194.46	194.19	-90.00	-1,577.09	-5,470.77	831.06	442.49	388.58	2.139		
13,800.00	7,139.73	13,904.51	7,139.72	197.27	197.00	-90.00	-1,578.10	-5,570.76	831.08	436.90	394.19	2.108		
13,900.00	7,139.97	14,004.51	7,139.96	200.08	199.80	-90.00	-1,579.10	-5,670.75	831.10	431.30	399.81	2.079		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 34N-9C-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,140.21	14,104.51	7,140.20	202.89	202.61	-90.00	-1,580.10	-5,770.75	831.12	425.70	405.42	2.050		
14,100.00	7,140.45	14,204.51	7,140.44	205.70	205.42	-90.00	-1,581.10	-5,870.74	831.14	420.10	411.05	2.022		
14,200.00	7,140.69	14,304.51	7,140.68	208.51	208.23	-90.00	-1,582.10	-5,970.74	831.16	414.49	416.67	1.995		
14,300.00	7,140.93	14,404.51	7,140.92	211.32	211.04	-90.00	-1,583.10	-6,070.73	831.18	408.89	422.30	1.968		
14,400.00	7,141.17	14,504.51	7,141.16	214.14	213.85	-90.00	-1,584.11	-6,170.73	831.20	403.28	427.93	1.942		
14,500.00	7,141.41	14,604.51	7,141.39	216.95	216.67	-90.00	-1,585.11	-6,270.72	831.22	397.67	433.56	1.917		
14,600.00	7,141.65	14,695.49	7,141.63	219.77	219.23	-90.00	-1,586.11	-6,370.72	831.24	392.31	438.94	1.894		
14,700.00	7,141.89	14,804.51	7,141.87	222.59	222.30	-90.00	-1,587.11	-6,470.71	831.26	386.44	444.82	1.869		
14,800.00	7,142.13	14,904.51	7,142.11	225.41	225.12	-90.00	-1,588.11	-6,570.71	831.28	380.82	450.46	1.845		
14,900.00	7,142.37	14,995.49	7,142.35	228.23	227.68	-90.00	-1,589.11	-6,670.70	831.30	375.45	455.85	1.824		
15,000.00	7,142.61	15,104.51	7,142.59	231.05	230.75	-90.00	-1,590.12	-6,770.70	831.32	369.58	461.74	1.800		
15,100.00	7,142.85	15,204.51	7,142.83	233.87	233.57	-90.00	-1,591.12	-6,870.69	831.34	363.96	467.38	1.779		
15,200.00	7,143.09	15,304.51	7,143.07	236.69	236.39	-90.00	-1,592.12	-6,970.69	831.36	358.33	473.03	1.758		
15,300.00	7,143.33	15,404.51	7,143.31	239.52	239.22	-90.00	-1,593.12	-7,070.68	831.38	352.70	478.68	1.737		
15,400.00	7,143.57	15,504.51	7,143.55	242.34	242.04	-90.00	-1,594.12	-7,170.68	831.40	347.08	484.32	1.717		
15,500.00	7,143.81	15,604.51	7,143.79	245.17	244.86	-90.00	-1,595.12	-7,270.67	831.42	341.45	489.97	1.697		
15,600.00	7,144.05	15,704.51	7,144.03	247.99	247.69	-90.00	-1,596.12	-7,370.66	831.44	335.82	495.62	1.678		
15,700.00	7,144.29	15,804.51	7,144.27	250.82	250.51	-90.00	-1,597.13	-7,470.66	831.46	330.18	501.27	1.659		
15,800.00	7,144.53	15,904.51	7,144.51	253.64	253.34	-90.00	-1,598.13	-7,570.65	831.48	324.55	506.93	1.640		
15,900.00	7,144.76	16,004.51	7,144.75	256.47	256.16	-90.00	-1,599.13	-7,670.65	831.50	318.92	512.58	1.622		
16,000.00	7,145.00	16,104.51	7,144.99	259.30	258.99	-90.00	-1,600.13	-7,770.64	831.52	313.28	518.24	1.605		
16,100.00	7,145.24	16,204.51	7,145.23	262.13	261.82	-90.00	-1,601.13	-7,870.64	831.54	307.64	523.90	1.587		
16,200.00	7,145.48	16,304.51	7,145.47	264.96	264.64	-90.00	-1,602.13	-7,970.63	831.56	302.00	529.55	1.570		
16,300.00	7,145.72	16,404.51	7,145.71	267.79	267.47	-90.00	-1,603.14	-8,070.63	831.58	296.36	535.21	1.554		
16,400.00	7,145.96	16,504.51	7,145.95	270.62	270.30	-90.00	-1,604.14	-8,170.62	831.60	290.72	540.88	1.538		
16,500.00	7,146.20	16,604.51	7,146.19	273.45	273.13	-90.00	-1,605.14	-8,270.62	831.62	285.08	546.54	1.522		
16,600.00	7,146.44	16,704.51	7,146.43	276.28	275.96	-90.00	-1,606.14	-8,370.61	831.64	279.44	552.20	1.506		
16,700.00	7,146.68	16,804.51	7,146.67	279.12	278.79	-90.00	-1,607.14	-8,470.61	831.66	273.79	557.86	1.491 Level 3		
16,800.00	7,146.92	16,904.51	7,146.91	281.95	281.63	-90.00	-1,608.14	-8,570.60	831.68	268.15	563.53	1.476 Level 3		
16,900.00	7,147.16	17,004.51	7,147.15	284.78	284.46	-90.00	-1,609.14	-8,670.60	831.70	262.50	569.20	1.461 Level 3		
17,000.00	7,147.40	17,104.51	7,147.39	287.62	287.29	-90.00	-1,610.15	-8,770.59	831.71	256.85	574.86	1.447 Level 3		
17,100.00	7,147.64	17,204.51	7,147.63	290.45	290.12	-90.00	-1,611.15	-8,870.59	831.73	251.20	580.53	1.433 Level 3		
17,200.00	7,147.88	17,295.49	7,147.87	293.28	292.70	-90.00	-1,612.15	-8,970.58	831.75	245.81	585.94	1.420 Level 3		
17,300.00	7,148.12	17,404.51	7,148.11	296.12	295.79	-90.00	-1,613.15	-9,070.57	831.77	239.91	591.87	1.405 Level 3		
17,400.00	7,148.36	17,504.51	7,148.35	298.95	298.63	-90.00	-1,614.15	-9,170.57	831.79	234.26	597.54	1.392 Level 3		
17,500.00	7,148.60	17,604.51	7,148.59	301.79	301.46	-90.00	-1,615.15	-9,270.56	831.81	228.60	603.21	1.379 Level 3		
17,600.00	7,148.84	17,704.51	7,148.83	304.63	304.30	-90.00	-1,616.16	-9,370.56	831.83	222.95	608.88	1.366 Level 3		
17,700.00	7,149.08	17,804.51	7,149.07	307.46	307.13	-90.00	-1,617.16	-9,470.55	831.85	217.30	614.55	1.354 Level 3		
17,800.00	7,149.32	17,904.51	7,149.31	310.30	309.97	-90.00	-1,618.16	-9,570.55	831.87	211.64	620.23	1.341 Level 3		
17,900.00	7,149.56	18,004.51	7,149.55	313.14	312.80	-90.00	-1,619.16	-9,670.54	831.89	205.99	625.90	1.329 Level 3		
18,000.00	7,149.80	18,104.51	7,149.79	315.98	315.64	-90.00	-1,620.16	-9,770.54	831.91	200.33	631.58	1.317 Level 3		
18,100.00	7,150.04	18,204.51	7,150.03	318.81	318.48	-90.00	-1,621.16	-9,870.53	831.93	194.68	637.25	1.305 Level 3		
18,200.00	7,150.27	18,304.51	7,150.27	321.65	321.32	-90.00	-1,622.16	-9,970.53	831.95	189.02	642.93	1.294 Level 3		
18,300.00	7,150.51	18,404.51	7,150.51	324.49	324.15	-90.00	-1,623.17	-10,070.52	831.97	183.36	648.61	1.283 Level 3		
18,400.00	7,150.75	18,504.51	7,150.75	327.33	326.99	-90.00	-1,624.17	-10,170.52	831.99	177.71	654.28	1.272 Level 3		
18,500.00	7,150.99	18,604.51	7,150.99	330.17	329.83	-90.00	-1,625.17	-10,270.51	832.01	172.05	659.96	1.261 Level 3		
18,600.00	7,151.23	18,704.51	7,151.23	333.01	332.67	-90.00	-1,626.17	-10,370.51	832.03	166.39	665.64	1.250 Level 2		
18,700.00	7,151.47	18,804.51	7,151.47	335.85	335.51	-90.00	-1,627.17	-10,470.50	832.05	160.73	671.32	1.239 Level 2		
18,800.00	7,151.71	18,904.51	7,151.71	338.69	338.35	-90.00	-1,628.17	-10,570.49	832.07	155.07	677.00	1.229 Level 2		
18,900.00	7,151.95	18,995.49	7,151.95	341.53	340.93	-90.00	-1,629.18	-10,670.49	832.09	149.66	682.43	1.219 Level 2		
18,920.23	7,152.00	19,015.72	7,151.99	342.10	341.51	-90.00	-1,629.38	-10,690.72	832.09	148.52	683.57	1.217 Level 2, 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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-179.39	-104.92	-1.11	104.93					
100.00	100.00	100.00	100.00	3.28	3.28	-179.39	-104.92	-1.11	104.93	98.36	6.57	15.973		
200.00	200.00	200.00	200.00	3.34	3.34	-179.39	-104.92	-1.11	104.93	98.26	6.67	15.722		
300.00	299.98	299.98	299.98	3.44	3.44	61.46	-104.92	-1.11	104.08	97.20	6.89	15.115		
400.00	399.84	396.97	396.95	3.60	3.59	63.47	-106.34	-0.28	103.08	95.89	7.19	14.336		
421.77	421.55	418.09	418.05	3.64	3.63	64.00	-107.02	0.13	103.05	95.78	7.27	14.175 CC, ES		
500.00	499.45	494.00	493.85	3.80	3.78	66.13	-110.58	2.23	103.51	95.92	7.59	13.644		
600.00	598.70	591.02	590.52	4.04	4.00	69.31	-117.64	6.41	105.52	97.45	8.07	13.081		
700.00	697.47	688.01	686.83	4.33	4.26	72.84	-127.51	12.24	109.28	100.66	8.62	12.678		
800.00	795.62	784.92	782.61	4.65	4.55	76.52	-140.17	19.73	114.94	105.70	9.24	12.441		
865.50	859.53	848.34	844.99	4.89	4.76	78.92	-149.96	25.52	119.71	110.03	9.68	12.369		
900.00	893.10	881.72	877.73	5.02	4.87	80.13	-155.59	28.85	122.61	112.69	9.92	12.361		
1,000.00	990.42	978.47	972.15	5.41	5.23	82.54	-173.76	39.59	132.61	121.96	10.65	12.447		
1,100.00	1,087.73	1,075.00	1,065.58	5.83	5.62	83.55	-194.61	51.93	144.73	133.29	11.44	12.652		
1,200.00	1,185.05	1,171.10	1,157.73	6.27	6.04	83.42	-218.04	65.79	158.77	146.51	12.26	12.951		
1,300.00	1,282.36	1,266.54	1,248.31	6.72	6.48	82.44	-243.94	81.10	174.74	161.63	13.11	13.331		
1,400.00	1,379.67	1,361.14	1,337.04	7.18	6.96	80.87	-272.16	97.79	192.73	178.75	13.97	13.791		
1,500.00	1,476.99	1,454.69	1,423.68	7.65	7.47	78.92	-302.53	115.75	212.88	198.03	14.85	14.336		
1,600.00	1,574.30	1,550.70	1,511.70	8.13	8.02	76.82	-335.52	135.26	234.80	219.03	15.77	14.893		
1,700.00	1,671.61	1,647.90	1,600.78	8.62	8.60	75.03	-369.02	155.07	257.05	240.34	16.71	15.381		
1,800.00	1,768.93	1,745.11	1,689.85	9.11	9.19	73.53	-402.51	174.88	279.51	261.84	17.67	15.816		
1,900.00	1,866.24	1,842.31	1,778.93	9.60	9.80	72.26	-436.01	194.69	302.12	283.47	18.64	16.205		
2,000.00	1,963.56	1,939.52	1,868.00	10.10	10.42	71.16	-469.50	214.50	324.85	305.23	19.63	16.553		
2,100.00	2,060.87	2,036.72	1,957.08	10.61	11.05	70.20	-503.00	234.31	347.68	327.07	20.62	16.865		
2,200.00	2,158.18	2,133.93	2,046.16	11.11	11.68	69.36	-536.49	254.12	370.60	348.98	21.61	17.146		
2,300.00	2,255.50	2,231.13	2,135.23	11.62	12.32	68.62	-569.99	273.93	393.57	370.96	22.62	17.400		
2,400.00	2,352.81	2,328.34	2,224.31	12.13	12.96	67.96	-603.48	293.74	416.61	392.98	23.63	17.630		
2,500.00	2,450.13	2,425.54	2,313.38	12.65	13.61	67.37	-636.98	313.54	439.69	415.04	24.65	17.840		
2,600.00	2,547.44	2,522.75	2,402.46	13.16	14.27	66.84	-670.47	333.35	462.81	437.14	25.67	18.031		
2,700.00	2,644.75	2,619.95	2,491.53	13.68	14.92	66.36	-703.97	353.16	485.97	459.28	26.69	18.206		
2,800.00	2,742.07	2,717.16	2,580.61	14.20	15.58	65.92	-737.46	372.97	509.15	481.43	27.72	18.366		
2,900.00	2,839.38	2,814.36	2,669.69	14.71	16.24	65.52	-770.96	392.78	532.36	503.61	28.75	18.514		
3,000.00	2,936.70	2,911.57	2,758.76	15.23	16.91	65.16	-804.46	412.59	555.60	525.81	29.79	18.651		
3,100.00	3,034.01	3,008.77	2,847.84	15.76	17.58	64.82	-837.95	432.40	578.85	548.02	30.83	18.777		
3,200.00	3,131.32	3,105.98	2,936.91	16.28	18.24	64.51	-871.45	452.21	602.12	570.25	31.87	18.894		
3,300.00	3,228.64	3,203.18	3,025.99	16.80	18.91	64.23	-904.94	472.02	625.41	592.50	32.91	19.003		
3,400.00	3,325.95	3,300.39	3,115.06	17.32	19.58	63.96	-938.44	491.83	648.71	614.75	33.96	19.104		
3,500.00	3,423.26	3,397.59	3,204.14	17.85	20.26	63.71	-971.93	511.63	672.02	637.02	35.00	19.199		
3,600.00	3,520.58	3,494.80	3,293.22	18.37	20.93	63.48	-1,005.43	531.44	695.34	659.29	36.05	19.288		
3,700.00	3,617.89	3,592.00	3,382.29	18.90	21.60	63.26	-1,038.92	551.25	718.67	681.57	37.10	19.371		
3,800.00	3,715.21	3,689.21	3,471.37	19.43	22.28	63.06	-1,072.42	571.06	742.02	703.86	38.15	19.449		
3,900.00	3,812.52	3,786.41	3,560.44	19.95	22.96	62.87	-1,105.91	590.87	765.37	726.16	39.21	19.522		
4,000.00	3,909.83	3,883.62	3,649.52	20.48	23.63	62.69	-1,139.41	610.68	788.73	748.47	40.26	19.591		
4,100.00	4,007.15	3,980.82	3,738.59	21.01	24.31	62.52	-1,172.90	630.49	812.09	770.78	41.31	19.656		
4,200.00	4,104.46	4,078.03	3,827.67	21.53	24.99	62.36	-1,206.40	650.30	835.46	793.09	42.37	19.718		
4,300.00	4,201.78	4,175.23	3,916.75	22.06	25.67	62.21	-1,239.89	670.11	858.84	815.41	43.43	19.776		
4,400.00	4,299.09	4,272.44	4,005.82	22.59	26.35	62.07	-1,273.39	689.92	882.22	837.74	44.49	19.831		
4,500.00	4,396.40	4,369.64	4,094.90	23.12	27.03	61.93	-1,306.88	709.72	905.61	860.06	45.55	19.884		
4,600.00	4,493.72	4,466.85	4,183.97	23.65	27.71	61.80	-1,340.38	729.53	929.00	882.40	46.60	19.934		
4,700.00	4,591.03	4,564.05	4,273.05	24.18	28.39	61.68	-1,373.87	749.34	952.40	904.73	47.67	19.981		
4,800.00	4,688.34	4,661.26	4,362.12	24.71	29.07	61.56	-1,407.37	769.15	975.80	927.07	48.73	20.026		
4,900.00	4,785.66	4,758.46	4,451.20	25.24	29.76	61.45	-1,440.86	788.96	999.20	949.41	49.79	20.069		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 4N-14A-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,882.97	4,855.67	4,540.28	25.77	30.44	61.35	-1,474.36	808.77	1,022.61	971.76	50.85	20.110		
5,100.00	4,980.29	4,952.87	4,629.35	26.30	31.12	61.25	-1,507.86	828.58	1,046.02	994.10	51.91	20.149		
5,200.00	5,077.60	5,050.08	4,718.43	26.83	31.81	61.15	-1,541.35	848.39	1,069.43	1,016.45	52.98	20.186		
5,300.00	5,174.91	5,147.28	4,807.50	27.36	32.49	61.06	-1,574.85	868.20	1,092.85	1,038.80	54.04	20.222		
5,400.00	5,272.23	5,244.49	4,896.58	27.89	33.17	60.97	-1,608.34	888.01	1,116.26	1,061.16	55.11	20.256		
5,500.00	5,369.54	5,341.69	4,985.65	28.42	33.86	60.88	-1,641.84	907.81	1,139.69	1,083.51	56.17	20.289		
5,600.00	5,466.86	5,438.90	5,074.73	28.95	34.54	60.80	-1,675.33	927.62	1,163.11	1,105.87	57.24	20.321		
5,700.00	5,564.17	5,536.10	5,163.81	29.48	35.23	60.72	-1,708.83	947.43	1,186.53	1,128.23	58.30	20.351		
5,800.00	5,661.48	5,633.31	5,252.88	30.01	35.91	60.65	-1,742.32	967.24	1,209.96	1,150.59	59.37	20.380		
5,900.00	5,758.80	5,730.51	5,341.96	30.54	36.60	60.57	-1,775.82	987.05	1,233.39	1,172.95	60.44	20.408		
6,000.00	5,856.11	5,827.72	5,431.03	31.07	37.28	60.51	-1,809.31	1,006.86	1,256.82	1,195.32	61.50	20.435		
6,100.00	5,953.43	5,924.92	5,520.11	31.61	37.97	60.44	-1,842.81	1,026.67	1,280.25	1,217.68	62.57	20.460		
6,200.00	6,050.74	6,022.13	5,609.18	32.14	38.65	60.37	-1,876.30	1,046.48	1,303.69	1,240.05	63.64	20.485		
6,300.00	6,148.05	6,119.33	5,698.26	32.67	39.34	60.31	-1,909.80	1,066.29	1,327.12	1,262.42	64.71	20.509		
6,400.00	6,245.37	6,216.54	5,787.34	33.20	40.02	60.25	-1,943.29	1,086.10	1,350.56	1,284.79	65.78	20.532		
6,500.00	6,342.68	6,313.74	5,876.41	33.73	40.71	60.19	-1,976.79	1,105.90	1,374.00	1,307.15	66.85	20.555		
6,520.81	6,362.93	6,333.97	5,894.95	33.85	40.85	60.18	-1,983.76	1,110.03	1,378.88	1,311.81	67.07	20.559		
6,550.00	6,391.46	6,362.32	5,920.93	34.00	41.05	54.44	-1,993.53	1,115.80	1,385.74	1,318.37	67.37	20.569		
6,600.00	6,440.79	6,410.65	5,965.21	34.23	41.39	36.41	-2,010.18	1,125.65	1,397.54	1,329.70	67.84	20.599		
6,650.00	6,490.44	6,458.42	6,008.99	34.43	41.73	1.97	-2,026.64	1,135.39	1,409.40	1,341.14	68.26	20.648		
6,700.00	6,540.10	6,505.35	6,051.99	34.60	42.06	-33.58	-2,042.81	1,144.95	1,421.30	1,352.67	68.62	20.711		
6,750.00	6,589.46	6,551.14	6,093.95	34.76	42.38	-52.96	-2,058.59	1,154.28	1,433.27	1,364.32	68.95	20.787		
6,800.00	6,638.22	6,595.51	6,134.61	34.92	42.70	-62.64	-2,073.88	1,163.32	1,445.35	1,376.11	69.25	20.873		
6,850.00	6,686.09	6,638.18	6,173.72	35.07	43.00	-68.04	-2,088.59	1,172.02	1,457.61	1,388.10	69.52	20.968		
6,900.00	6,732.75	6,678.90	6,211.03	35.24	43.29	-71.35	-2,102.62	1,180.32	1,470.14	1,400.37	69.77	21.073		
6,950.00	6,777.94	6,717.97	6,248.84	35.42	43.56	-73.53	-2,116.08	1,188.25	1,483.01	1,413.01	70.00	21.185		
7,000.00	6,821.36	6,760.39	6,286.02	35.61	43.84	-75.11	-2,130.80	1,195.12	1,496.23	1,425.93	70.30	21.284		
7,050.00	6,862.75	6,804.94	6,327.53	35.83	44.12	-76.26	-2,146.39	1,199.31	1,509.72	1,439.08	70.64	21.372		
7,100.00	6,901.85	6,852.11	6,371.68	36.06	44.37	-77.16	-2,162.94	1,200.36	1,523.41	1,452.38	71.03	21.446		
7,150.00	6,938.43	6,902.50	6,418.78	36.32	44.61	-77.90	-2,180.59	1,197.62	1,537.22	1,465.73	71.49	21.503		
7,200.00	6,972.26	6,956.88	6,469.23	36.61	44.81	-78.55	-2,199.47	1,190.21	1,551.06	1,479.05	72.01	21.541		
7,250.00	7,003.13	7,016.26	6,523.41	36.93	45.00	-79.17	-2,219.71	1,176.91	1,564.81	1,492.21	72.60	21.555		
7,300.00	7,030.85	7,081.88	6,581.66	37.29	45.16	-79.81	-2,241.45	1,156.02	1,578.32	1,505.06	73.26	21.544		
7,350.00	7,055.25	7,155.35	6,644.11	37.68	45.31	-80.50	-2,264.70	1,125.18	1,591.41	1,517.40	74.01	21.502		
7,400.00	7,076.17	7,238.57	6,710.30	38.12	45.46	-81.26	-2,289.30	1,081.25	1,603.84	1,528.97	74.87	21.421		
7,450.00	7,093.50	7,333.67	6,778.65	38.60	45.64	-82.09	-2,314.61	1,020.30	1,615.30	1,539.41	75.89	21.284		
7,500.00	7,107.11	7,442.57	6,845.48	39.11	45.87	-82.94	-2,339.26	938.10	1,625.40	1,548.21	77.19	21.058		
7,550.00	7,116.94	7,500.00	6,893.15	39.66	46.17	-83.41	-2,356.71	855.06	1,633.68	1,555.02	78.66	20.768		
7,600.00	7,122.91	7,702.76	6,945.43	40.24	46.79	-84.18	-2,375.54	702.62	1,639.65	1,558.33	81.32	20.163		
7,650.18	7,125.00	7,848.07	6,959.99	40.85	47.64	-84.24	-2,380.28	558.43	1,642.92	1,558.59	84.34	19.481		
7,700.00	7,125.12	7,906.08	6,960.13	41.48	48.06	-84.24	-2,380.10	512.58	1,644.86	1,559.13	85.73	19.188		
7,800.00	7,125.36	8,006.16	6,960.39	42.88	48.92	-84.26	-2,379.69	412.66	1,648.74	1,560.16	88.58	18.613		
7,900.00	7,125.60	8,106.24	6,960.64	44.42	49.94	-84.27	-2,379.28	312.74	1,652.62	1,560.92	91.70	18.022		
8,000.00	7,125.84	8,206.31	6,960.89	46.10	51.14	-84.29	-2,378.87	212.81	1,656.50	1,561.44	95.06	17.425		
8,100.00	7,126.08	8,306.39	6,961.14	47.89	52.51	-84.30	-2,378.46	112.89	1,660.39	1,561.74	98.64	16.833		
8,200.00	7,126.32	8,393.54	6,961.39	49.79	53.83	-84.31	-2,378.05	12.97	1,664.27	1,562.10	102.17	16.290		
8,300.00	7,126.56	8,506.54	6,961.64	51.79	55.70	-84.33	-2,377.64	-86.95	1,668.15	1,561.79	106.36	15.685		
8,400.00	7,126.80	8,606.62	6,961.90	53.86	57.50	-84.34	-2,377.23	-186.88	1,672.03	1,561.58	110.45	15.138		
8,500.00	7,127.04	8,706.69	6,962.15	56.00	59.40	-84.35	-2,376.82	-286.80	1,675.91	1,561.23	114.69	14.613		
8,600.00	7,127.28	8,806.77	6,962.40	58.21	61.40	-84.37	-2,376.41	-386.72	1,679.80	1,560.75	119.05	14.110		
8,689.38	7,127.49	8,882.55	6,962.62	60.24	62.97	-84.38	-2,376.05	-476.04	1,683.27	1,560.53	122.74	13.715		
8,700.00	7,127.52	8,906.84	6,962.65	60.48	63.48	-84.38	-2,376.00	-486.64	1,683.66	1,560.14	123.52	13.631		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 4N-14A-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	9,006.87	6,962.90	62.79	65.64	-84.39	-2,375.60	-586.62	1,685.44	1,557.36	128.08	13.160		
8,841.07	7,127.85	9,034.20	6,963.01	63.74	66.24	-84.38	-2,375.43	-627.69	1,685.16	1,555.50	129.66	12.997		
8,900.00	7,128.00	9,106.87	6,963.15	65.12	67.85	-84.38	-2,375.19	-686.61	1,684.34	1,551.63	132.71	12.692		
9,000.00	7,128.23	9,206.88	6,963.41	67.50	70.12	-84.38	-2,374.78	-786.60	1,682.96	1,545.53	137.43	12.246		
9,100.00	7,128.47	9,306.89	6,963.66	69.91	72.44	-84.37	-2,374.37	-886.59	1,681.57	1,539.35	142.22	11.824		
9,200.00	7,128.71	9,406.90	6,963.91	72.35	74.81	-84.37	-2,373.96	-986.58	1,680.19	1,533.11	147.07	11.424		
9,300.00	7,128.95	9,506.91	6,964.16	74.83	77.21	-84.36	-2,373.55	-1,086.57	1,678.80	1,526.82	151.99	11.046		
9,400.00	7,129.19	9,606.92	6,964.41	77.33	79.65	-84.36	-2,373.14	-1,186.56	1,677.42	1,520.47	156.95	10.688		
9,500.00	7,129.43	9,706.93	6,964.67	79.86	82.11	-84.36	-2,372.73	-1,286.55	1,676.03	1,514.07	161.96	10.348		
9,600.00	7,129.67	9,806.94	6,964.92	82.41	84.61	-84.35	-2,372.32	-1,386.54	1,674.64	1,507.63	167.02	10.027		
9,700.00	7,129.91	9,906.95	6,965.17	84.97	87.12	-84.35	-2,371.91	-1,486.53	1,673.26	1,501.15	172.11	9.722		
9,800.00	7,130.15	10,006.96	6,965.42	87.56	89.67	-84.34	-2,371.50	-1,586.52	1,671.87	1,494.63	177.24	9.433		
9,900.00	7,130.39	10,106.97	6,965.67	90.16	92.23	-84.34	-2,371.09	-1,686.51	1,670.49	1,488.08	182.41	9.158		
10,000.00	7,130.63	10,206.98	6,965.92	92.78	94.81	-84.33	-2,370.68	-1,786.50	1,669.10	1,481.50	187.60	8.897		
10,100.00	7,130.87	10,306.99	6,966.18	95.41	97.40	-84.33	-2,370.27	-1,886.48	1,667.71	1,474.89	192.83	8.649		
10,200.00	7,131.11	10,407.00	6,966.43	98.06	100.02	-84.33	-2,369.86	-1,986.47	1,666.33	1,468.25	198.07	8.413		
10,300.00	7,131.35	10,507.01	6,966.68	100.71	102.64	-84.32	-2,369.45	-2,086.46	1,664.94	1,461.60	203.35	8.188		
10,400.00	7,131.59	10,607.02	6,966.93	103.38	105.28	-84.32	-2,369.04	-2,186.45	1,663.56	1,454.92	208.64	7.973		
10,500.00	7,131.83	10,707.03	6,967.18	106.06	107.93	-84.31	-2,368.63	-2,286.44	1,662.17	1,448.22	213.95	7.769		
10,600.00	7,132.07	10,792.96	6,967.44	108.74	110.22	-84.31	-2,368.22	-2,386.43	1,660.79	1,441.87	218.91	7.586		
10,700.00	7,132.31	10,907.05	6,967.69	111.44	113.27	-84.30	-2,367.81	-2,486.42	1,659.40	1,434.76	224.64	7.387		
10,800.00	7,132.55	11,007.06	6,967.94	114.14	115.95	-84.30	-2,367.41	-2,586.41	1,658.01	1,428.01	230.01	7.209		
10,900.00	7,132.79	11,107.07	6,968.19	116.85	118.64	-84.30	-2,367.00	-2,686.40	1,656.63	1,421.24	235.39	7.038		
11,000.00	7,133.03	11,207.08	6,968.44	119.57	121.34	-84.29	-2,366.59	-2,786.39	1,655.24	1,414.46	240.78	6.874		
11,100.00	7,133.27	11,307.09	6,968.70	122.29	124.04	-84.29	-2,366.18	-2,886.38	1,653.86	1,407.66	246.19	6.718		
11,200.00	7,133.51	11,407.10	6,968.95	125.02	126.76	-84.28	-2,365.77	-2,986.37	1,652.47	1,400.86	251.62	6.567		
11,300.00	7,133.74	11,507.11	6,969.20	127.76	129.48	-84.28	-2,365.36	-3,086.35	1,651.09	1,394.04	257.05	6.423		
11,400.00	7,133.98	11,607.11	6,969.45	130.50	132.20	-84.27	-2,364.95	-3,186.34	1,649.70	1,387.21	262.49	6.285		
11,500.00	7,134.22	11,707.12	6,969.70	133.24	134.94	-84.27	-2,364.54	-3,286.33	1,648.31	1,380.37	267.95	6.152		
11,600.00	7,134.46	11,807.13	6,969.95	135.99	137.67	-84.26	-2,364.13	-3,386.32	1,646.93	1,373.52	273.41	6.024		
11,700.00	7,134.70	11,907.14	6,970.21	138.75	140.42	-84.26	-2,363.72	-3,486.31	1,645.54	1,366.66	278.88	5.900		
11,800.00	7,134.94	12,007.15	6,970.46	141.51	143.16	-84.26	-2,363.31	-3,586.30	1,644.16	1,359.79	284.36	5.782		
11,900.00	7,135.18	12,107.16	6,970.71	144.27	145.92	-84.25	-2,362.90	-3,686.29	1,642.77	1,352.92	289.85	5.668		
12,000.00	7,135.42	12,207.17	6,970.96	147.03	148.67	-84.25	-2,362.49	-3,786.28	1,641.39	1,346.04	295.35	5.557		
12,100.00	7,135.66	12,307.18	6,971.21	149.80	151.43	-84.24	-2,362.08	-3,886.27	1,640.00	1,339.15	300.85	5.451		
12,200.00	7,135.90	12,407.19	6,971.47	152.58	154.20	-84.24	-2,361.67	-3,986.26	1,638.62	1,332.25	306.36	5.349		
12,300.00	7,136.14	12,507.20	6,971.72	155.35	156.96	-84.23	-2,361.26	-4,086.25	1,637.23	1,325.35	311.88	5.250		
12,400.00	7,136.38	12,607.21	6,971.97	158.13	159.73	-84.23	-2,360.85	-4,186.24	1,635.84	1,318.44	317.40	5.154		
12,500.00	7,136.62	12,707.22	6,972.22	160.91	162.51	-84.22	-2,360.44	-4,286.22	1,634.46	1,311.53	322.93	5.061		
12,600.00	7,136.86	12,807.23	6,972.47	163.70	165.29	-84.22	-2,360.03	-4,386.21	1,633.07	1,304.61	328.47	4.972		
12,700.00	7,137.10	12,892.76	6,972.72	166.48	167.66	-84.22	-2,359.62	-4,486.20	1,631.69	1,298.08	333.60	4.891		
12,800.00	7,137.34	12,992.75	6,972.98	169.27	170.45	-84.21	-2,359.22	-4,586.19	1,630.30	1,291.16	339.15	4.807		
12,831.85	7,137.41	13,002.01	6,973.00	170.16	170.70	-84.21	-2,359.18	-4,595.45	1,630.02	1,289.86	340.15	4.792		
12,900.00	7,137.58	13,002.01	6,973.00	172.06	170.70	-84.21	-2,359.18	-4,595.45	1,631.44	1,290.18	341.26	4.781 SF		
13,000.00	7,137.82	13,002.01	6,973.00	174.86	170.70	-84.21	-2,359.18	-4,595.45	1,638.67	1,296.79	341.88	4.793		
13,100.00	7,138.06	13,002.01	6,973.00	177.65	170.70	-84.21	-2,359.18	-4,595.45	1,651.93	1,310.62	341.30	4.840		
13,200.00	7,138.30	13,002.01	6,973.00	180.45	170.70	-84.21	-2,359.18	-4,595.45	1,671.07	1,331.47	339.60	4.921		
13,300.00	7,138.54	13,002.01	6,973.00	183.25	170.70	-84.21	-2,359.18	-4,595.45	1,695.91	1,359.04	336.88	5.034		
13,400.00	7,138.78	13,002.01	6,973.00	186.05	170.70	-84.21	-2,359.18	-4,595.45	1,726.20	1,392.96	333.24	5.180		
13,500.00	7,139.02	13,002.01	6,973.00	188.85	170.70	-84.21	-2,359.18	-4,595.45	1,761.64	1,432.82	328.82	5.357		
13,600.00	7,139.25	13,002.01	6,973.00	191.65	170.70	-84.21	-2,359.18	-4,595.45	1,801.95	1,478.18	323.77	5.566		
13,700.00	7,139.49	13,002.01	6,973.00	194.46	170.70	-84.21	-2,359.18	-4,595.45	1,846.79	1,528.59	318.21	5.804		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 4N-14A-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,139.73	13,002.01	6,973.00	197.27	170.70	-84.21	-2,359.18	-4,595.45	1,895.86	1,583.59	312.27	6.071		
13,900.00	7,139.97	13,002.01	6,973.00	200.08	170.70	-84.21	-2,359.18	-4,595.45	1,948.82	1,642.75	306.07	6.367		
14,000.00	7,140.21	13,002.01	6,973.00	202.89	170.70	-84.21	-2,359.18	-4,595.45	2,005.38	1,705.66	299.72	6.691		
14,100.00	7,140.45	13,002.01	6,973.00	205.70	170.70	-84.21	-2,359.18	-4,595.45	2,065.23	1,771.93	293.30	7.041		
14,200.00	7,140.69	13,002.01	6,973.00	208.51	170.70	-84.21	-2,359.18	-4,595.45	2,128.10	1,841.22	286.88	7.418		
14,300.00	7,140.93	13,002.01	6,973.00	211.32	170.70	-84.21	-2,359.18	-4,595.45	2,193.72	1,913.20	280.52	7.820		
14,400.00	7,141.17	13,002.01	6,973.00	214.14	170.70	-84.21	-2,359.18	-4,595.45	2,261.87	1,987.59	274.27	8.247		
14,500.00	7,141.41	13,002.01	6,973.00	216.95	170.70	-84.21	-2,359.18	-4,595.45	2,332.31	2,064.14	268.17	8.697		
14,600.00	7,141.65	13,002.01	6,973.00	219.77	170.70	-84.21	-2,359.18	-4,595.45	2,404.85	2,142.61	262.24	9.170		
14,700.00	7,141.89	13,002.01	6,973.00	222.59	170.70	-84.21	-2,359.18	-4,595.45	2,479.30	2,222.81	256.50	9.666		
14,800.00	7,142.13	13,002.01	6,973.00	225.41	170.70	-84.21	-2,359.18	-4,595.45	2,555.50	2,304.54	250.96	10.183		
14,900.00	7,142.37	13,002.01	6,973.00	228.23	170.70	-84.21	-2,359.18	-4,595.45	2,633.29	2,387.66	245.62	10.721		
15,000.00	7,142.61	13,002.01	6,973.00	231.05	170.70	-84.21	-2,359.18	-4,595.45	2,712.53	2,472.03	240.50	11.279		
15,100.00	7,142.85	13,002.01	6,973.00	233.87	170.70	-84.21	-2,359.18	-4,595.45	2,793.11	2,557.51	235.60	11.855		
15,200.00	7,143.09	13,002.01	6,973.00	236.69	170.70	-84.21	-2,359.18	-4,595.45	2,874.91	2,644.01	230.90	12.451		
15,300.00	7,143.33	13,002.01	6,973.00	239.52	170.70	-84.21	-2,359.18	-4,595.45	2,957.82	2,731.42	226.41	13.064		
15,400.00	7,143.57	13,002.01	6,973.00	242.34	170.70	-84.21	-2,359.18	-4,595.45	3,041.77	2,819.65	222.12	13.694		
15,500.00	7,143.81	13,002.01	6,973.00	245.17	170.70	-84.21	-2,359.18	-4,595.45	3,126.66	2,908.64	218.02	14.341		
15,600.00	7,144.05	13,002.01	6,973.00	247.99	170.70	-84.21	-2,359.18	-4,595.45	3,212.42	2,998.31	214.11	15.004		
15,700.00	7,144.29	13,002.01	6,973.00	250.82	170.70	-84.21	-2,359.18	-4,595.45	3,298.98	3,088.60	210.38	15.681		
15,800.00	7,144.53	13,002.01	6,973.00	253.64	170.70	-84.21	-2,359.18	-4,595.45	3,386.28	3,179.46	206.82	16.373		
15,900.00	7,144.76	13,002.01	6,973.00	256.47	170.70	-84.21	-2,359.18	-4,595.45	3,474.26	3,270.84	203.42	17.079		
16,000.00	7,145.00	13,002.01	6,973.00	259.30	170.70	-84.21	-2,359.18	-4,595.45	3,562.88	3,362.70	200.18	17.798		
16,100.00	7,145.24	13,002.01	6,973.00	262.13	170.70	-84.21	-2,359.18	-4,595.45	3,652.09	3,455.00	197.09	18.530		
16,200.00	7,145.48	13,002.01	6,973.00	264.96	170.70	-84.21	-2,359.18	-4,595.45	3,741.84	3,547.70	194.14	19.274		
16,300.00	7,145.72	13,002.01	6,973.00	267.79	170.70	-84.21	-2,359.18	-4,595.45	3,832.11	3,640.78	191.32	20.029		
16,400.00	7,145.96	13,002.01	6,973.00	270.62	170.70	-84.21	-2,359.18	-4,595.45	3,922.84	3,734.20	188.64	20.796		
16,500.00	7,146.20	13,002.01	6,973.00	273.45	170.70	-84.21	-2,359.18	-4,595.45	4,014.01	3,827.94	186.07	21.573		
16,600.00	7,146.44	13,002.01	6,973.00	276.28	170.70	-84.21	-2,359.18	-4,595.45	4,105.60	3,921.98	183.62	22.360		
16,700.00	7,146.68	13,002.01	6,973.00	279.12	170.70	-84.21	-2,359.18	-4,595.45	4,197.56	4,016.29	181.27	23.156		
16,800.00	7,146.92	13,002.01	6,973.00	281.95	170.70	-84.21	-2,359.18	-4,595.45	4,289.89	4,110.86	179.03	23.962		
16,900.00	7,147.16	13,002.01	6,973.00	284.78	170.70	-84.21	-2,359.18	-4,595.45	4,382.56	4,205.67	176.89	24.776		
17,000.00	7,147.40	13,002.01	6,973.00	287.62	170.70	-84.21	-2,359.18	-4,595.45	4,475.54	4,300.70	174.84	25.598		
17,100.00	7,147.64	13,002.01	6,973.00	290.45	170.70	-84.21	-2,359.18	-4,595.45	4,568.82	4,395.93	172.88	26.428		
17,200.00	7,147.88	13,002.01	6,973.00	293.28	170.70	-84.21	-2,359.18	-4,595.45	4,662.37	4,491.37	171.00	27.265		
17,300.00	7,148.12	13,002.01	6,973.00	296.12	170.70	-84.21	-2,359.18	-4,595.45	4,756.19	4,586.98	169.21	28.109		
17,400.00	7,148.36	13,002.01	6,973.00	298.95	170.70	-84.21	-2,359.18	-4,595.45	4,850.25	4,682.77	167.48	28.960		
17,500.00	7,148.60	13,002.01	6,973.00	301.79	170.70	-84.21	-2,359.18	-4,595.45	4,944.55	4,778.72	165.83	29.816		
17,600.00	7,148.84	13,002.01	6,973.00	304.63	170.70	-84.21	-2,359.18	-4,595.45	5,039.07	4,874.82	164.25	30.679		
17,700.00	7,149.08	13,002.01	6,973.00	307.46	170.70	-84.21	-2,359.18	-4,595.45	5,133.80	4,971.06	162.73	31.547		
17,800.00	7,149.32	13,002.01	6,973.00	310.30	170.70	-84.21	-2,359.18	-4,595.45	5,228.72	5,067.44	161.28	32.421		
17,900.00	7,149.56	13,002.01	6,973.00	313.14	170.70	-84.21	-2,359.18	-4,595.45	5,323.83	5,163.95	159.88	33.299		
18,000.00	7,149.80	13,002.01	6,973.00	315.98	170.70	-84.21	-2,359.18	-4,595.45	5,419.11	5,260.57	158.54	34.182		
18,100.00	7,150.04	13,002.01	6,973.00	318.81	170.70	-84.21	-2,359.18	-4,595.45	5,514.56	5,357.31	157.25	35.069		
18,200.00	7,150.27	13,002.01	6,973.00	321.65	170.70	-84.21	-2,359.18	-4,595.45	5,610.17	5,454.16	156.01	35.961		
18,300.00	7,150.51	13,002.01	6,973.00	324.49	170.70	-84.21	-2,359.18	-4,595.45	5,705.93	5,551.11	154.82	36.856		
18,400.00	7,150.75	13,002.01	6,973.00	327.33	170.70	-84.21	-2,359.18	-4,595.45	5,801.83	5,648.16	153.67	37.754		
18,500.00	7,150.99	13,002.01	6,973.00	330.17	170.70	-84.21	-2,359.18	-4,595.45	5,897.87	5,745.30	152.57	38.656		
18,600.00	7,151.23	13,002.01	6,973.00	333.01	170.70	-84.21	-2,359.18	-4,595.45	5,994.04	5,842.53	151.51	39.561		
18,700.00	7,151.47	13,002.01	6,973.00	335.85	170.70	-84.21	-2,359.18	-4,595.45	6,090.33	5,939.84	150.49	40.469		
18,800.00	7,151.71	13,002.01	6,973.00	338.69	170.70	-84.21	-2,359.18	-4,595.45	6,186.74	6,037.23	149.51	41.379		
18,900.00	7,151.95	13,002.01	6,973.00	341.53	170.70	-84.21	-2,359.18	-4,595.45	6,283.26	6,134.70	148.57	42.292		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 4N-14A-S - OH - Plan #1												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1												<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
18,920.23	7,152.00	13,002.01	6,973.00	342.10	170.70	-84.21	-2,359.18	-4,595.45	6,302.81	6,154.43	148.38	42.477	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-119.86	-1.11	119.86					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-119.86	-1.11	119.86	113.29	6.57	18.246		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-119.86	-1.11	119.86	113.19	6.67	17.959 CC, ES		
300.00	299.98	296.46	296.44	3.44	3.44	60.85	-121.29	-0.34	120.48	113.60	6.88	17.500		
400.00	399.84	392.87	392.72	3.60	3.58	61.77	-125.57	1.97	122.36	115.16	7.20	16.999		
500.00	499.45	489.18	488.69	3.80	3.77	63.23	-132.69	5.81	125.55	117.95	7.61	16.505		
600.00	598.70	585.36	584.20	4.04	4.00	65.16	-142.64	11.16	130.16	122.06	8.10	16.072		
700.00	697.47	681.36	679.10	4.33	4.26	67.42	-155.37	18.03	136.29	127.63	8.66	15.736		
800.00	795.62	777.13	773.23	4.65	4.57	69.90	-170.86	26.37	144.06	134.77	9.29	15.512		
865.50	859.53	839.71	834.41	4.89	4.78	71.58	-182.47	32.63	150.08	140.35	9.73	15.427		
900.00	893.10	872.63	866.47	5.02	4.90	72.47	-189.05	36.18	153.61	143.64	9.97	15.409		
1,000.00	990.42	967.87	958.71	5.41	5.28	74.32	-209.91	47.42	165.67	154.96	10.71	15.471		
1,100.00	1,087.73	1,062.68	1,049.70	5.83	5.68	75.20	-233.34	60.04	180.20	168.72	11.49	15.686		
1,200.00	1,185.05	1,156.84	1,139.15	6.27	6.12	75.29	-259.22	73.99	197.08	184.78	12.30	16.023		
1,300.00	1,282.36	1,250.16	1,226.80	6.72	6.58	74.79	-287.41	89.18	216.25	203.12	13.13	16.465		
1,400.00	1,379.67	1,342.47	1,312.43	7.18	7.08	73.85	-317.75	105.53	237.73	223.75	13.98	17.002		
1,500.00	1,476.99	1,435.53	1,397.65	7.65	7.61	72.63	-350.66	123.26	261.47	246.62	14.85	17.604		
1,600.00	1,574.30	1,532.37	1,486.05	8.13	8.19	71.46	-385.46	142.02	285.85	270.07	15.78	18.116		
1,700.00	1,671.61	1,629.20	1,574.44	8.62	8.79	70.48	-420.26	160.78	310.33	293.61	16.72	18.557		
1,800.00	1,768.93	1,726.03	1,662.83	9.11	9.40	69.65	-455.07	179.53	334.88	317.20	17.68	18.939		
1,900.00	1,866.24	1,822.86	1,751.23	9.60	10.02	68.92	-489.87	198.29	359.48	340.83	18.65	19.272		
2,000.00	1,963.56	1,919.69	1,839.62	10.10	10.65	68.29	-524.68	217.04	384.14	364.50	19.64	19.563		
2,100.00	2,060.87	2,016.53	1,928.01	10.61	11.29	67.74	-559.48	235.80	408.83	388.20	20.63	19.820		
2,200.00	2,158.18	2,113.36	2,016.40	11.11	11.93	67.25	-594.29	254.56	433.56	411.93	21.63	20.046		
2,300.00	2,255.50	2,210.19	2,104.80	11.62	12.58	66.81	-629.09	273.31	458.31	435.67	22.64	20.248		
2,400.00	2,352.81	2,307.02	2,193.19	12.13	13.23	66.42	-663.89	292.07	483.08	459.43	23.65	20.428		
2,500.00	2,450.13	2,403.85	2,281.58	12.65	13.89	66.06	-698.70	310.82	507.88	483.21	24.67	20.589		
2,600.00	2,547.44	2,500.69	2,369.98	13.16	14.55	65.74	-733.50	329.58	532.69	506.99	25.69	20.734		
2,700.00	2,644.75	2,597.52	2,458.37	13.68	15.21	65.44	-768.31	348.33	557.51	530.79	26.72	20.865		
2,800.00	2,742.07	2,705.65	2,546.76	14.20	15.96	65.18	-803.11	367.09	582.35	554.53	27.82	20.934		
2,900.00	2,839.38	2,808.82	2,635.16	14.71	16.67	64.93	-837.92	385.85	607.19	578.30	28.89	21.017		
3,000.00	2,936.70	2,888.01	2,723.55	15.23	17.22	64.70	-872.72	404.60	632.05	602.23	29.83	21.192		
3,100.00	3,034.01	2,984.85	2,811.94	15.76	17.89	64.49	-907.53	423.36	656.92	626.05	30.87	21.282		
3,200.00	3,131.32	3,081.68	2,900.33	16.28	18.56	64.30	-942.33	442.11	681.79	649.88	31.91	21.366		
3,300.00	3,228.64	3,178.51	2,988.73	16.80	19.24	64.12	-977.13	460.87	706.67	673.72	32.96	21.442		
3,400.00	3,325.95	3,275.34	3,077.12	17.32	19.91	63.95	-1,011.94	479.63	731.56	697.56	34.00	21.513		
3,500.00	3,423.26	3,372.17	3,165.51	17.85	20.59	63.79	-1,046.74	498.38	756.45	721.40	35.05	21.579		
3,600.00	3,520.58	3,469.01	3,253.91	18.37	21.27	63.64	-1,081.55	517.14	781.35	745.24	36.11	21.640		
3,700.00	3,617.89	3,565.84	3,342.30	18.90	21.95	63.51	-1,116.35	535.89	806.25	769.09	37.16	21.697		
3,800.00	3,715.21	3,662.67	3,430.69	19.43	22.63	63.38	-1,151.16	554.65	831.16	792.94	38.21	21.750		
3,900.00	3,812.52	3,759.50	3,519.08	19.95	23.31	63.25	-1,185.96	573.41	856.07	816.80	39.27	21.799		
4,000.00	3,909.83	3,856.33	3,607.48	20.48	23.99	63.14	-1,220.76	592.16	880.98	840.65	40.33	21.845		
4,100.00	4,007.15	3,953.17	3,695.87	21.01	24.67	63.03	-1,255.57	610.92	905.90	864.51	41.39	21.889		
4,200.00	4,104.46	4,050.00	3,784.26	21.53	25.36	62.92	-1,290.37	629.67	930.82	888.37	42.45	21.929		
4,300.00	4,201.78	4,146.83	3,872.66	22.06	26.04	62.83	-1,325.18	648.43	955.74	912.23	43.51	21.968		
4,400.00	4,299.09	4,243.66	3,961.05	22.59	26.72	62.73	-1,359.98	667.18	980.66	936.10	44.57	22.004		
4,500.00	4,396.40	4,340.50	4,049.44	23.12	27.41	62.65	-1,394.79	685.94	1,005.59	959.96	45.63	22.038		
4,600.00	4,493.72	4,437.33	4,137.84	23.65	28.09	62.56	-1,429.59	704.70	1,030.52	983.83	46.69	22.070		
4,700.00	4,591.03	4,534.16	4,226.23	24.18	28.78	62.48	-1,464.39	723.45	1,055.45	1,007.69	47.76	22.100		
4,800.00	4,688.34	4,630.99	4,314.62	24.71	29.46	62.40	-1,499.20	742.21	1,080.39	1,031.56	48.82	22.129		
4,900.00	4,785.66	4,727.82	4,403.01	25.24	30.15	62.33	-1,534.00	760.96	1,105.32	1,055.43	49.89	22.156		
5,000.00	4,882.97	4,824.66	4,491.41	25.77	30.84	62.26	-1,568.81	779.72	1,130.26	1,079.30	50.95	22.182		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 4N-14C-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,980.29	4,921.49	4,579.80	26.30	31.52	62.20	-1,603.61	798.48	1,155.19	1,103.17	52.02	22.207		
5,200.00	5,077.60	5,018.32	4,668.19	26.83	32.21	62.13	-1,638.42	817.23	1,180.13	1,127.05	53.09	22.230		
5,300.00	5,174.91	5,115.15	4,756.59	27.36	32.90	62.07	-1,673.22	835.99	1,205.07	1,150.92	54.15	22.253		
5,400.00	5,272.23	5,211.98	4,844.98	27.89	33.58	62.01	-1,708.03	854.74	1,230.02	1,174.79	55.22	22.274		
5,500.00	5,369.54	5,308.82	4,933.37	28.42	34.27	61.95	-1,742.83	873.50	1,254.96	1,198.67	56.29	22.294		
5,600.00	5,466.86	5,405.65	5,021.77	28.95	34.96	61.90	-1,777.63	892.26	1,279.90	1,222.54	57.36	22.314		
5,700.00	5,564.17	5,502.48	5,110.16	29.48	35.65	61.85	-1,812.44	911.01	1,304.85	1,246.42	58.43	22.332		
5,800.00	5,661.48	5,599.31	5,198.55	30.01	36.33	61.80	-1,847.24	929.77	1,329.79	1,270.30	59.50	22.350		
5,900.00	5,758.80	5,703.86	5,286.94	30.54	37.08	61.75	-1,882.05	948.52	1,354.74	1,294.13	60.62	22.350		
6,000.00	5,856.11	5,807.02	5,375.34	31.07	37.81	61.70	-1,916.85	967.28	1,379.69	1,317.97	61.72	22.353		
6,100.00	5,953.43	5,899.81	5,463.73	31.61	38.40	61.66	-1,951.66	986.03	1,404.64	1,341.93	62.71	22.399		
6,200.00	6,050.74	5,986.64	5,552.12	32.14	39.09	61.61	-1,986.46	1,004.79	1,429.59	1,365.81	63.78	22.414		
6,300.00	6,148.05	6,083.47	5,640.52	32.67	39.78	61.57	-2,021.26	1,023.55	1,454.54	1,389.68	64.85	22.428		
6,400.00	6,245.37	6,180.30	5,728.91	33.20	40.47	61.53	-2,056.07	1,042.30	1,479.49	1,413.56	65.93	22.442		
6,500.00	6,342.68	6,277.14	5,817.30	33.73	41.16	61.49	-2,090.87	1,061.06	1,504.44	1,437.44	67.00	22.455		
6,520.81	6,362.93	6,302.72	5,835.69	33.85	41.34	61.48	-2,098.12	1,064.96	1,509.63	1,442.38	67.25	22.447		
6,550.00	6,391.46	6,325.53	5,861.48	34.00	41.50	55.80	-2,108.27	1,070.43	1,516.92	1,449.39	67.52	22.465		
6,600.00	6,440.79	6,373.71	5,905.46	34.23	41.84	37.85	-2,125.59	1,079.76	1,529.38	1,461.38	68.00	22.490		
6,650.00	6,490.44	6,421.37	5,948.97	34.43	42.18	3.50	-2,142.72	1,089.00	1,541.79	1,473.37	68.42	22.533		
6,700.00	6,540.10	6,468.23	5,991.74	34.60	42.52	-31.96	-2,159.56	1,098.07	1,554.14	1,485.34	68.80	22.590		
6,750.00	6,589.46	6,513.98	6,033.50	34.76	42.84	-51.25	-2,176.00	1,106.93	1,566.43	1,497.30	69.13	22.658		
6,800.00	6,638.22	6,558.35	6,074.01	34.92	43.16	-60.85	-2,191.95	1,115.53	1,578.70	1,509.26	69.44	22.734		
6,850.00	6,686.09	6,601.06	6,113.00	35.07	43.46	-66.17	-2,207.30	1,123.80	1,591.01	1,521.28	69.73	22.817		
6,900.00	6,732.75	6,641.86	6,150.24	35.24	43.75	-69.42	-2,221.97	1,131.70	1,603.41	1,533.41	70.00	22.907		
6,950.00	6,777.94	6,680.48	6,185.50	35.42	44.03	-71.54	-2,235.85	1,139.18	1,615.99	1,545.74	70.24	23.005		
7,000.00	6,821.36	6,716.70	6,218.56	35.61	44.29	-72.97	-2,248.87	1,146.20	1,628.83	1,558.34	70.48	23.110		
7,050.00	6,862.75	6,750.29	6,249.22	35.83	44.53	-73.91	-2,260.94	1,152.71	1,642.00	1,571.29	70.71	23.222		
7,100.00	6,901.85	6,781.04	6,277.29	36.06	44.74	-74.49	-2,271.99	1,158.66	1,655.60	1,584.67	70.93	23.342		
7,150.00	6,938.43	6,808.76	6,302.59	36.32	44.94	-74.76	-2,281.95	1,164.03	1,669.68	1,598.53	71.15	23.468		
7,200.00	6,972.26	6,833.28	6,324.97	36.61	45.12	-74.76	-2,290.77	1,168.78	1,684.30	1,612.93	71.37	23.600		
7,250.00	7,003.13	6,854.45	6,344.30	36.93	45.27	-74.50	-2,298.38	1,172.88	1,699.50	1,627.91	71.59	23.739		
7,300.00	7,030.85	6,872.14	6,360.45	37.29	45.39	-73.99	-2,304.73	1,176.31	1,715.31	1,643.48	71.83	23.881		
7,350.00	7,055.25	6,886.24	6,373.32	37.68	45.49	-73.23	-2,309.80	1,179.04	1,731.70	1,659.63	72.07	24.028		
7,400.00	7,076.17	6,896.66	6,382.83	38.12	45.57	-72.24	-2,313.55	1,181.06	1,748.67	1,676.34	72.33	24.177		
7,450.00	7,093.50	6,903.34	6,388.93	38.60	45.62	-71.02	-2,315.95	1,182.35	1,766.14	1,693.54	72.60	24.328		
7,500.00	7,107.11	6,906.24	6,391.58	39.11	45.64	-69.58	-2,316.99	1,182.91	1,784.05	1,711.17	72.88	24.481		
7,550.00	7,116.94	6,905.34	6,390.76	39.66	45.63	-67.95	-2,316.67	1,182.74	1,802.28	1,729.12	73.16	24.634		
7,600.00	7,122.91	6,900.65	6,386.47	40.24	45.60	-66.14	-2,314.98	1,181.83	1,820.72	1,747.27	73.45	24.788		
7,650.18	7,125.00	6,892.15	6,378.72	40.85	45.54	-64.17	-2,311.93	1,180.18	1,839.29	1,765.55	73.74	24.942		
7,700.00	7,125.12	8,100.00	7,120.42	41.48	49.82	-89.86	-2,599.08	514.57	1,855.55	1,770.20	85.35	21.740		
7,800.00	7,125.36	8,200.09	7,121.24	42.88	50.53	-89.88	-2,598.81	414.65	1,859.58	1,771.44	88.14	21.098		
7,900.00	7,125.60	8,300.17	7,122.05	44.42	51.39	-89.90	-2,598.53	314.74	1,863.62	1,772.41	91.20	20.433		
8,000.00	7,125.84	8,400.25	7,122.86	46.10	52.43	-89.91	-2,598.26	214.83	1,867.65	1,773.14	94.52	19.760		
8,100.00	7,126.08	8,500.33	7,123.67	47.89	53.64	-89.93	-2,597.98	114.91	1,871.69	1,773.64	98.05	19.088		
8,200.00	7,126.32	8,600.42	7,124.49	49.79	55.01	-89.95	-2,597.71	15.00	1,875.73	1,773.94	101.79	18.428		
8,300.00	7,126.56	8,700.50	7,125.30	51.79	56.55	-89.97	-2,597.44	-84.91	1,879.76	1,774.06	105.70	17.783		
8,400.00	7,126.80	8,800.58	7,126.11	53.86	58.23	-89.98	-2,597.16	-184.83	1,883.80	1,774.02	109.78	17.160		
8,500.00	7,127.04	8,900.67	7,126.93	56.00	60.03	-90.00	-2,596.89	-284.74	1,887.84	1,773.85	113.99	16.561		
8,600.00	7,127.28	9,000.75	7,127.74	58.21	61.94	-90.02	-2,596.61	-384.65	1,891.88	1,773.54	118.34	15.987		
8,689.38	7,127.49	9,088.56	7,128.47	60.24	63.69	-90.04	-2,596.37	-473.96	1,895.48	1,773.20	122.28	15.501		
8,700.00	7,127.52	9,100.83	7,128.55	60.48	63.94	-90.04	-2,596.34	-484.57	1,895.89	1,773.10	122.79	15.440		
8,800.00	7,127.76	9,200.86	7,129.37	62.79	66.03	-90.05	-2,596.06	-584.54	1,897.82	1,770.47	127.34	14.903		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 4N-14C-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+HFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	9,240.21	7,129.70	63.74	66.87	-90.05	-2,595.95	-625.60	1,897.59	1,768.39	129.20	14.687		
8,900.00	7,128.00	9,300.87	7,130.18	65.12	68.18	-90.06	-2,595.79	-684.53	1,896.85	1,764.88	131.97	14.373		
9,000.00	7,128.23	9,400.87	7,130.99	67.50	70.40	-90.08	-2,595.51	-784.51	1,895.60	1,758.91	136.69	13.868		
9,100.00	7,128.47	9,500.88	7,131.81	69.91	72.67	-90.10	-2,595.24	-884.50	1,894.34	1,752.87	141.47	13.390		
9,200.00	7,128.71	9,600.89	7,132.62	72.35	74.99	-90.12	-2,594.96	-984.49	1,893.09	1,746.76	146.33	12.937		
9,300.00	7,128.95	9,700.90	7,133.43	74.83	77.35	-90.13	-2,594.69	-1,084.47	1,891.83	1,740.59	151.24	12.509		
9,400.00	7,129.19	9,800.91	7,134.25	77.33	79.75	-90.15	-2,594.42	-1,184.46	1,890.58	1,734.37	156.21	12.103		
9,500.00	7,129.43	9,900.92	7,135.06	79.86	82.18	-90.17	-2,594.14	-1,284.45	1,889.32	1,728.09	161.23	11.718		
9,600.00	7,129.67	10,000.93	7,135.87	82.41	84.64	-90.19	-2,593.87	-1,384.43	1,888.07	1,721.78	166.29	11.354		
9,700.00	7,129.91	10,100.94	7,136.69	84.97	87.13	-90.20	-2,593.59	-1,484.42	1,886.81	1,715.42	171.39	11.009		
9,800.00	7,130.15	10,200.95	7,137.50	87.56	89.64	-90.22	-2,593.32	-1,584.41	1,885.56	1,709.02	176.54	10.681		
9,900.00	7,130.39	10,300.96	7,138.32	90.16	92.18	-90.24	-2,593.04	-1,684.39	1,884.30	1,702.59	181.71	10.370		
10,000.00	7,130.63	10,400.97	7,139.13	92.78	94.74	-90.26	-2,592.77	-1,784.38	1,883.05	1,696.13	186.92	10.074		
10,100.00	7,130.87	10,500.98	7,139.94	95.41	97.31	-90.27	-2,592.49	-1,884.37	1,881.80	1,689.64	192.15	9.793		
10,200.00	7,131.11	10,600.99	7,140.76	98.06	99.90	-90.29	-2,592.22	-1,984.35	1,880.54	1,683.13	197.41	9.526		
10,300.00	7,131.35	10,701.00	7,141.57	100.71	102.51	-90.31	-2,591.94	-2,084.34	1,879.29	1,676.59	202.70	9.271		
10,400.00	7,131.59	10,801.01	7,142.38	103.38	105.13	-90.33	-2,591.67	-2,184.33	1,878.04	1,670.03	208.01	9.029		
10,500.00	7,131.83	10,901.02	7,143.20	106.06	107.77	-90.35	-2,591.39	-2,284.31	1,876.78	1,663.44	213.34	8.797		
10,600.00	7,132.07	11,001.03	7,144.01	108.74	110.41	-90.36	-2,591.12	-2,384.30	1,875.53	1,656.84	218.69	8.576		
10,700.00	7,132.31	11,101.04	7,144.82	111.44	113.07	-90.38	-2,590.84	-2,484.29	1,874.28	1,650.22	224.06	8.365		
10,800.00	7,132.55	11,201.05	7,145.64	114.14	115.74	-90.40	-2,590.57	-2,584.28	1,873.02	1,643.59	229.44	8.163		
10,900.00	7,132.79	11,301.06	7,146.45	116.85	118.41	-90.42	-2,590.30	-2,684.26	1,871.77	1,636.93	234.84	7.970		
11,000.00	7,133.03	11,401.07	7,147.26	119.57	121.10	-90.43	-2,590.02	-2,784.25	1,870.52	1,630.27	240.25	7.786		
11,100.00	7,133.27	11,501.08	7,148.08	122.29	123.79	-90.45	-2,589.75	-2,884.24	1,869.27	1,623.59	245.68	7.609		
11,200.00	7,133.51	11,601.08	7,148.89	125.02	126.49	-90.47	-2,589.47	-2,984.22	1,868.02	1,616.90	251.12	7.439		
11,300.00	7,133.74	11,701.09	7,149.71	127.76	129.20	-90.49	-2,589.20	-3,084.21	1,866.76	1,610.19	256.57	7.276		
11,400.00	7,133.98	11,801.10	7,150.52	130.50	131.92	-90.51	-2,588.92	-3,184.20	1,865.51	1,603.48	262.04	7.119		
11,500.00	7,134.22	11,901.11	7,151.33	133.24	134.64	-90.52	-2,588.65	-3,284.18	1,864.26	1,596.75	267.51	6.969		
11,600.00	7,134.46	12,001.12	7,152.15	135.99	137.37	-90.54	-2,588.37	-3,384.17	1,863.01	1,590.02	272.99	6.824		
11,700.00	7,134.70	12,101.13	7,152.96	138.75	140.10	-90.56	-2,588.10	-3,484.16	1,861.76	1,583.27	278.49	6.685		
11,800.00	7,134.94	12,201.14	7,153.77	141.51	142.84	-90.58	-2,587.82	-3,584.14	1,860.51	1,576.52	283.99	6.551		
11,900.00	7,135.18	12,301.15	7,154.58	144.27	145.58	-90.60	-2,587.55	-3,684.13	1,859.26	1,569.76	289.50	6.422		
12,000.00	7,135.42	12,401.16	7,155.40	147.03	148.33	-90.61	-2,587.27	-3,784.12	1,858.01	1,562.99	295.01	6.298		
12,100.00	7,135.66	12,501.17	7,156.21	149.80	151.08	-90.63	-2,587.00	-3,884.10	1,856.76	1,556.22	300.54	6.178		
12,200.00	7,135.90	12,601.18	7,157.03	152.58	153.84	-90.65	-2,586.73	-3,984.09	1,855.51	1,549.44	306.07	6.062		
12,300.00	7,136.14	12,701.19	7,157.84	155.35	156.60	-90.67	-2,586.45	-4,084.08	1,854.26	1,542.65	311.61	5.951		
12,400.00	7,136.38	12,801.20	7,158.65	158.13	159.36	-90.69	-2,586.18	-4,184.06	1,853.01	1,535.86	317.15	5.843		
12,500.00	7,136.62	12,901.21	7,159.47	160.91	162.13	-90.71	-2,585.90	-4,284.05	1,851.76	1,529.06	322.70	5.738		
12,600.00	7,136.86	13,001.22	7,160.28	163.70	164.90	-90.72	-2,585.63	-4,384.04	1,850.51	1,522.25	328.26	5.637		
12,700.00	7,137.10	13,101.23	7,161.10	166.48	167.67	-90.74	-2,585.35	-4,484.02	1,849.26	1,515.44	333.82	5.540		
12,800.00	7,137.34	13,198.76	7,161.91	169.27	170.38	-90.76	-2,585.08	-4,584.01	1,848.01	1,508.70	339.32	5.446		
12,835.20	7,137.42	13,210.89	7,162.01	170.25	170.72	-90.76	-2,585.04	-4,596.13	1,847.72	1,507.22	340.50	5.427		
12,900.00	7,137.58	13,210.89	7,162.01	172.06	170.72	-90.76	-2,585.04	-4,596.13	1,848.85	1,507.20	341.65	5.411 SF		
13,000.00	7,137.82	13,210.89	7,162.01	174.86	170.72	-90.76	-2,585.04	-4,596.13	1,855.05	1,512.39	342.66	5.414		
13,100.00	7,138.06	13,210.89	7,162.01	177.65	170.72	-90.76	-2,585.04	-4,596.13	1,866.59	1,523.86	342.73	5.446		
13,200.00	7,138.30	13,210.89	7,162.01	180.45	170.72	-90.76	-2,585.04	-4,596.13	1,883.38	1,541.47	341.91	5.508		
13,300.00	7,138.54	13,210.89	7,162.01	183.25	170.72	-90.76	-2,585.04	-4,596.13	1,905.28	1,565.04	340.24	5.600		
13,400.00	7,138.78	13,210.89	7,162.01	186.05	170.72	-90.76	-2,585.04	-4,596.13	1,932.11	1,594.31	337.80	5.720		
13,500.00	7,139.02	13,210.89	7,162.01	188.85	170.72	-90.76	-2,585.04	-4,596.13	1,963.67	1,629.00	334.67	5.867		
13,600.00	7,139.25	13,210.89	7,162.01	191.65	170.72	-90.76	-2,585.04	-4,596.13	1,999.74	1,668.79	330.95	6.042		
13,700.00	7,139.49	13,210.89	7,162.01	194.46	170.72	-90.76	-2,585.04	-4,596.13	2,040.08	1,713.36	326.72	6.244		
13,800.00	7,139.73	13,210.89	7,162.01	197.27	170.72	-90.76	-2,585.04	-4,596.13	2,084.44	1,762.35	322.09	6.472		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 4N-14C-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	13,210.89	7,162.01	200.08	170.72	-90.76	-2,585.04	-4,596.13	2,132.57	1,815.44	317.13	6.725		
14,000.00	7,140.21	13,210.89	7,162.01	202.89	170.72	-90.76	-2,585.04	-4,596.13	2,184.22	1,872.28	311.94	7.002		
14,100.00	7,140.45	13,210.89	7,162.01	205.70	170.72	-90.76	-2,585.04	-4,596.13	2,239.15	1,932.57	306.58	7.304		
14,200.00	7,140.69	13,210.89	7,162.01	208.51	170.72	-90.76	-2,585.04	-4,596.13	2,297.11	1,995.99	301.12	7.629		
14,300.00	7,140.93	13,210.89	7,162.01	211.32	170.72	-90.76	-2,585.04	-4,596.13	2,357.90	2,062.28	295.62	7.976		
14,400.00	7,141.17	13,210.89	7,162.01	214.14	170.72	-90.76	-2,585.04	-4,596.13	2,421.29	2,131.17	290.12	8.346		
14,500.00	7,141.41	13,210.89	7,162.01	216.95	170.72	-90.76	-2,585.04	-4,596.13	2,487.09	2,202.42	284.67	8.737		
14,600.00	7,141.65	13,210.89	7,162.01	219.77	170.72	-90.76	-2,585.04	-4,596.13	2,555.11	2,275.81	279.30	9.148		
14,700.00	7,141.89	13,210.89	7,162.01	222.59	170.72	-90.76	-2,585.04	-4,596.13	2,625.17	2,351.15	274.02	9.580		
14,800.00	7,142.13	13,210.89	7,162.01	225.41	170.72	-90.76	-2,585.04	-4,596.13	2,697.13	2,428.26	268.87	10.031		
14,900.00	7,142.37	13,210.89	7,162.01	228.23	170.72	-90.76	-2,585.04	-4,596.13	2,770.82	2,506.97	263.85	10.502		
15,000.00	7,142.61	13,210.89	7,162.01	231.05	170.72	-90.76	-2,585.04	-4,596.13	2,846.12	2,587.14	258.98	10.990		
15,100.00	7,142.85	13,210.89	7,162.01	233.87	170.72	-90.76	-2,585.04	-4,596.13	2,922.91	2,668.64	254.26	11.496		
15,200.00	7,143.09	13,210.89	7,162.01	236.69	170.72	-90.76	-2,585.04	-4,596.13	3,001.06	2,751.35	249.70	12.019		
15,300.00	7,143.33	13,210.89	7,162.01	239.52	170.72	-90.76	-2,585.04	-4,596.13	3,080.47	2,835.17	245.30	12.558		
15,400.00	7,143.57	13,210.89	7,162.01	242.34	170.72	-90.76	-2,585.04	-4,596.13	3,161.05	2,919.99	241.07	13.113		
15,500.00	7,143.81	13,210.89	7,162.01	245.17	170.72	-90.76	-2,585.04	-4,596.13	3,242.72	3,005.73	236.99	13.683		
15,600.00	7,144.05	13,210.89	7,162.01	247.99	170.72	-90.76	-2,585.04	-4,596.13	3,325.38	3,092.32	233.06	14.268		
15,700.00	7,144.29	13,210.89	7,162.01	250.82	170.72	-90.76	-2,585.04	-4,596.13	3,408.98	3,179.68	229.29	14.867		
15,800.00	7,144.53	13,210.89	7,162.01	253.64	170.72	-90.76	-2,585.04	-4,596.13	3,493.44	3,267.76	225.67	15.480		
15,900.00	7,144.76	13,210.89	7,162.01	256.47	170.72	-90.76	-2,585.04	-4,596.13	3,578.69	3,356.50	222.20	16.106		
16,000.00	7,145.00	13,210.89	7,162.01	259.30	170.72	-90.76	-2,585.04	-4,596.13	3,664.70	3,445.83	218.86	16.744		
16,100.00	7,145.24	13,210.89	7,162.01	262.13	170.72	-90.76	-2,585.04	-4,596.13	3,751.40	3,535.73	215.67	17.395		
16,200.00	7,145.48	13,210.89	7,162.01	264.96	170.72	-90.76	-2,585.04	-4,596.13	3,838.74	3,626.15	212.60	18.056		
16,300.00	7,145.72	13,210.89	7,162.01	267.79	170.72	-90.76	-2,585.04	-4,596.13	3,926.69	3,717.04	209.65	18.730		
16,400.00	7,145.96	13,210.89	7,162.01	270.62	170.72	-90.76	-2,585.04	-4,596.13	4,015.20	3,808.37	206.83	19.413		
16,500.00	7,146.20	13,210.89	7,162.01	273.45	170.72	-90.76	-2,585.04	-4,596.13	4,104.24	3,900.12	204.12	20.107		
16,600.00	7,146.44	13,210.89	7,162.01	276.28	170.72	-90.76	-2,585.04	-4,596.13	4,193.78	3,992.26	201.52	20.811		
16,700.00	7,146.68	13,210.89	7,162.01	279.12	170.72	-90.76	-2,585.04	-4,596.13	4,283.78	4,084.75	199.03	21.524		
16,800.00	7,146.92	13,210.89	7,162.01	281.95	170.72	-90.76	-2,585.04	-4,596.13	4,374.21	4,177.58	196.63	22.246		
16,900.00	7,147.16	13,210.89	7,162.01	284.78	170.72	-90.76	-2,585.04	-4,596.13	4,465.05	4,270.71	194.34	22.976		
17,000.00	7,147.40	13,210.89	7,162.01	287.62	170.72	-90.76	-2,585.04	-4,596.13	4,556.27	4,364.14	192.13	23.714		
17,100.00	7,147.64	13,210.89	7,162.01	290.45	170.72	-90.76	-2,585.04	-4,596.13	4,647.86	4,457.84	190.01	24.461		
17,200.00	7,147.88	13,210.89	7,162.01	293.28	170.72	-90.76	-2,585.04	-4,596.13	4,739.78	4,551.80	187.98	25.215		
17,300.00	7,148.12	13,210.89	7,162.01	296.12	170.72	-90.76	-2,585.04	-4,596.13	4,832.03	4,646.00	186.02	25.975		
17,400.00	7,148.36	13,210.89	7,162.01	298.95	170.72	-90.76	-2,585.04	-4,596.13	4,924.58	4,740.43	184.15	26.743		
17,500.00	7,148.60	13,210.89	7,162.01	301.79	170.72	-90.76	-2,585.04	-4,596.13	5,017.41	4,835.07	182.34	27.517		
17,600.00	7,148.84	13,210.89	7,162.01	304.63	170.72	-90.76	-2,585.04	-4,596.13	5,110.52	4,929.91	180.60	28.297		
17,700.00	7,149.08	13,210.89	7,162.01	307.46	170.72	-90.76	-2,585.04	-4,596.13	5,203.88	5,024.94	178.94	29.082		
17,800.00	7,149.32	13,210.89	7,162.01	310.30	170.72	-90.76	-2,585.04	-4,596.13	5,297.48	5,120.15	177.33	29.874		
17,900.00	7,149.56	13,210.89	7,162.01	313.14	170.72	-90.76	-2,585.04	-4,596.13	5,391.31	5,215.53	175.78	30.670		
18,000.00	7,149.80	13,210.89	7,162.01	315.98	170.72	-90.76	-2,585.04	-4,596.13	5,485.36	5,311.07	174.30	31.472		
18,100.00	7,150.04	13,210.89	7,162.01	318.81	170.72	-90.76	-2,585.04	-4,596.13	5,579.62	5,406.76	172.86	32.278		
18,200.00	7,150.27	13,210.89	7,162.01	321.65	170.72	-90.76	-2,585.04	-4,596.13	5,674.08	5,502.59	171.48	33.088		
18,300.00	7,150.51	13,210.89	7,162.01	324.49	170.72	-90.76	-2,585.04	-4,596.13	5,768.72	5,598.56	170.15	33.903		
18,400.00	7,150.75	13,210.89	7,162.01	327.33	170.72	-90.76	-2,585.04	-4,596.13	5,863.54	5,694.66	168.87	34.722		
18,500.00	7,150.99	13,210.89	7,162.01	330.17	170.72	-90.76	-2,585.04	-4,596.13	5,958.52	5,790.89	167.64	35.544		
18,600.00	7,151.23	13,210.89	7,162.01	333.01	170.72	-90.76	-2,585.04	-4,596.13	6,053.67	5,887.23	166.45	36.370		
18,700.00	7,151.47	13,210.89	7,162.01	335.85	170.72	-90.76	-2,585.04	-4,596.13	6,148.98	5,983.68	165.30	37.199		
18,800.00	7,151.71	13,210.89	7,162.01	338.69	170.72	-90.76	-2,585.04	-4,596.13	6,244.43	6,080.24	164.19	38.032		
18,900.00	7,151.95	13,210.89	7,162.01	341.53	170.72	-90.76	-2,585.04	-4,596.13	6,340.02	6,176.90	163.12	38.867		
18,920.23	7,152.00	13,210.89	7,162.01	342.10	170.72	-90.76	-2,585.04	-4,596.13	6,359.38	6,196.47	162.91	39.036		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 9C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	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	53.44	6.67	9.007 CC, ES		
300.00	299.98	300.00	299.98	3.44	3.44	-119.24	60.09	2.30	60.97	54.08	6.88	8.857		
400.00	399.84	399.95	399.79	3.60	3.60	-118.60	60.02	7.53	63.53	56.34	7.19	8.835		
500.00	499.45	499.81	499.26	3.80	3.80	-117.63	59.92	16.23	67.81	60.22	7.59	8.930		
600.00	598.70	599.53	598.24	4.04	4.05	-116.45	59.77	28.37	73.83	65.74	8.08	9.133		
700.00	697.47	699.07	696.55	4.33	4.33	-115.18	59.57	43.91	81.58	72.92	8.65	9.427		
800.00	795.62	798.38	794.04	4.65	4.66	-113.91	59.34	62.82	91.06	81.76	9.30	9.792		
865.50	859.53	863.33	857.43	4.89	4.89	-113.13	59.16	76.97	98.21	88.44	9.76	10.060		
900.00	893.10	902.40	890.82	5.02	5.03	-112.89	59.07	84.67	102.15	92.12	10.03	10.181		
1,000.00	990.42	1,003.06	987.62	5.41	5.43	-112.30	58.79	106.99	113.59	102.78	10.81	10.506		
1,100.00	1,087.73	1,103.72	1,084.42	5.83	5.84	-111.81	58.51	129.31	125.04	113.41	11.63	10.748		
1,200.00	1,185.05	1,204.39	1,181.21	6.27	6.27	-111.41	58.24	151.62	136.50	124.01	12.49	10.928		
1,300.00	1,282.36	1,305.05	1,278.01	6.72	6.72	-111.07	57.96	173.94	147.97	134.59	13.38	11.062		
1,400.00	1,379.67	1,405.71	1,374.81	7.18	7.18	-110.78	57.68	196.26	159.44	145.15	14.28	11.162		
1,500.00	1,476.99	1,506.37	1,471.61	7.65	7.65	-110.52	57.41	218.58	170.91	155.70	15.21	11.236		
1,600.00	1,574.30	1,607.04	1,568.40	8.13	8.12	-110.30	57.13	240.90	182.38	166.23	16.15	11.291		
1,700.00	1,671.61	1,707.70	1,665.20	8.62	8.61	-110.11	56.85	263.21	193.86	176.75	17.11	11.331		
1,800.00	1,768.93	1,808.36	1,762.00	9.11	9.09	-109.93	56.58	285.53	205.34	187.27	18.08	11.361		
1,900.00	1,866.24	1,909.03	1,858.79	9.60	9.59	-109.78	56.30	307.85	216.82	197.77	19.05	11.381		
2,000.00	1,963.56	2,009.69	1,955.59	10.10	10.08	-109.64	56.02	330.17	228.31	208.27	20.03	11.396		
2,100.00	2,060.87	2,089.65	2,052.39	10.61	10.48	-109.51	55.75	352.49	239.79	218.87	20.92	11.461		
2,200.00	2,158.18	2,188.99	2,149.19	11.11	10.97	-109.40	55.47	374.80	251.28	229.36	21.91	11.468		
2,300.00	2,255.50	2,288.32	2,245.98	11.62	11.47	-109.29	55.19	397.12	262.76	239.86	22.91	11.471		
2,400.00	2,352.81	2,387.66	2,342.78	12.13	11.97	-109.20	54.92	419.44	274.25	250.34	23.90	11.473		
2,500.00	2,450.13	2,487.00	2,439.58	12.65	12.47	-109.11	54.64	441.76	285.74	260.83	24.91	11.472		
2,600.00	2,547.44	2,586.33	2,536.37	13.16	12.97	-109.03	54.36	464.08	297.22	271.31	25.91	11.470		
2,700.00	2,644.75	2,685.67	2,633.17	13.68	13.48	-108.96	54.09	486.39	308.71	281.79	26.92	11.466		
2,800.00	2,742.07	2,785.01	2,729.97	14.20	13.99	-108.89	53.81	508.71	320.20	292.27	27.94	11.462		
2,900.00	2,839.38	2,884.35	2,826.77	14.71	14.49	-108.82	53.53	531.03	331.69	302.74	28.95	11.457		
3,000.00	2,936.70	2,983.68	2,923.56	15.23	15.00	-108.76	53.26	553.35	343.18	313.21	29.97	11.452		
3,100.00	3,034.01	3,083.02	3,020.36	15.76	15.51	-108.70	52.98	575.67	354.67	323.68	30.99	11.446		
3,200.00	3,131.32	3,182.36	3,117.16	16.28	16.02	-108.65	52.70	597.98	366.16	334.15	32.01	11.440		
3,300.00	3,228.64	3,281.69	3,213.95	16.80	16.53	-108.60	52.43	620.30	377.65	344.62	33.03	11.434		
3,400.00	3,325.95	3,381.03	3,310.75	17.32	17.05	-108.55	52.15	642.62	389.14	355.09	34.05	11.427		
3,500.00	3,423.26	3,480.37	3,407.55	17.85	17.56	-108.51	51.87	664.94	400.63	365.56	35.08	11.421		
3,600.00	3,520.58	3,579.70	3,504.35	18.37	18.07	-108.47	51.60	687.26	412.13	376.02	36.11	11.414		
3,700.00	3,617.89	3,679.04	3,601.14	18.90	18.59	-108.43	51.32	709.57	423.62	386.48	37.13	11.408		
3,800.00	3,715.21	3,778.38	3,697.94	19.43	19.10	-108.39	51.04	731.89	435.11	396.95	38.16	11.401		
3,900.00	3,812.52	3,877.72	3,794.74	19.95	19.61	-108.36	50.77	754.21	446.60	407.41	39.19	11.395		
4,000.00	3,909.83	3,977.05	3,891.53	20.48	20.13	-108.32	50.49	776.53	458.09	417.87	40.22	11.389		
4,100.00	4,007.15	4,076.39	3,988.33	21.01	20.65	-108.29	50.21	798.85	469.59	428.33	41.26	11.382		
4,200.00	4,104.46	4,175.73	4,085.13	21.53	21.16	-108.26	49.94	821.16	481.08	438.79	42.29	11.376		
4,300.00	4,201.78	4,275.06	4,181.93	22.06	21.68	-108.23	49.66	843.48	492.57	449.25	43.32	11.370		
4,400.00	4,299.09	4,374.40	4,278.72	22.59	22.20	-108.20	49.38	865.80	504.07	459.71	44.35	11.364		
4,500.00	4,396.40	4,473.74	4,375.52	23.12	22.71	-108.18	49.11	888.12	515.56	470.17	45.39	11.359		
4,600.00	4,493.72	4,573.08	4,472.32	23.65	23.23	-108.15	48.83	910.44	527.05	480.63	46.42	11.353		
4,700.00	4,591.03	4,672.41	4,569.11	24.18	23.75	-108.13	48.55	932.75	538.54	491.08	47.46	11.347		
4,800.00	4,688.34	4,771.75	4,665.91	24.71	24.27	-108.10	48.28	955.07	550.04	501.54	48.50	11.342		
4,900.00	4,785.66	4,871.09	4,762.71	25.24	24.78	-108.08	48.00	977.39	561.53	512.00	49.53	11.337		
5,000.00	4,882.97	4,970.42	4,859.51	25.77	25.30	-108.06	47.72	999.71	573.02	522.46	50.57	11.331		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
5,100.00	4,980.29	5,069.76	4,956.30	26.30	25.82	-108.04	47.45	1,022.03	584.52	532.91	51.61	11.326		
5,200.00	5,077.60	5,169.10	5,053.10	26.83	26.34	-108.02	47.17	1,044.34	596.01	543.37	52.64	11.321		
5,300.00	5,174.91	5,268.44	5,149.90	27.36	26.86	-108.00	46.89	1,066.66	607.51	553.82	53.68	11.317		
5,400.00	5,272.23	5,367.77	5,246.69	27.89	27.38	-107.98	46.62	1,088.98	619.00	564.28	54.72	11.312		
5,500.00	5,369.54	5,467.11	5,343.49	28.42	27.90	-107.96	46.34	1,111.30	630.49	574.73	55.76	11.307		
5,600.00	5,466.86	5,566.45	5,440.29	28.95	28.42	-107.95	46.06	1,133.62	641.99	585.19	56.80	11.303		
5,700.00	5,564.17	5,669.40	5,540.89	29.48	28.94	-108.04	45.79	1,155.47	653.25	595.39	57.86	11.291		
5,800.00	5,661.48	5,773.00	5,642.85	30.01	29.44	-108.45	45.57	1,173.85	663.88	605.00	58.89	11.274		
5,900.00	5,758.80	5,876.29	5,745.08	30.54	29.92	-109.16	45.38	1,188.49	673.95	614.08	59.87	11.256		
6,000.00	5,856.11	5,978.98	5,847.19	31.07	30.36	-110.15	45.25	1,199.38	683.57	622.76	60.81	11.241		
6,100.00	5,953.43	6,080.84	5,948.79	31.61	30.78	-111.39	45.16	1,206.56	692.92	631.21	61.71	11.229		
6,200.00	6,050.74	6,181.60	6,049.48	32.14	31.17	-112.88	45.12	1,210.11	702.21	639.65	62.56	11.225		
6,300.00	6,148.05	6,280.17	6,148.05	32.67	31.54	-114.54	45.11	1,210.56	711.72	648.37	63.35	11.235		
6,400.00	6,245.37	6,377.49	6,245.37	33.20	31.89	-116.16	45.11	1,210.56	721.80	657.67	64.12	11.256		
6,500.00	6,342.68	6,474.80	6,342.68	33.73	32.24	-117.75	45.11	1,210.56	732.46	667.57	64.89	11.288		
6,520.81	6,362.93	6,504.95	6,362.93	33.85	32.35	-118.07	45.11	1,210.56	734.75	669.67	65.08	11.289		
6,550.00	6,391.46	6,523.58	6,391.46	34.00	32.42	-125.10	45.11	1,210.56	738.00	672.73	65.27	11.307		
6,600.00	6,440.79	6,572.92	6,440.79	34.23	32.60	-144.97	45.11	1,210.56	743.58	677.93	65.65	11.327		
6,650.00	6,490.44	6,622.56	6,490.44	34.43	32.79	179.20	45.11	1,210.56	749.08	683.06	66.02	11.347		
6,700.00	6,540.10	6,672.22	6,540.10	34.60	32.97	142.73	45.11	1,210.56	754.44	688.05	66.39	11.364		
6,750.00	6,589.46	6,721.58	6,589.46	34.76	33.15	122.84	45.11	1,210.56	759.64	692.87	66.77	11.377		
6,800.00	6,638.22	6,769.42	6,637.28	34.92	33.32	112.95	45.15	1,209.71	764.78	697.63	67.15	11.388		
6,850.00	6,686.09	6,817.27	6,684.93	35.07	33.49	107.44	45.37	1,205.45	769.95	702.40	67.55	11.399		
6,900.00	6,732.75	6,865.79	6,732.78	35.24	33.66	104.06	45.77	1,197.49	775.12	707.16	67.96	11.406		
6,950.00	6,777.94	6,915.01	6,780.56	35.42	33.85	101.84	46.37	1,185.72	780.27	711.87	68.40	11.408		
7,000.00	6,821.36	6,964.99	6,827.99	35.61	34.05	100.33	47.17	1,170.04	785.36	716.50	68.87	11.404		
7,050.00	6,862.75	7,015.75	6,874.76	35.83	34.27	99.27	48.17	1,150.36	790.37	721.00	69.37	11.393		
7,100.00	6,901.85	7,067.34	6,920.53	36.06	34.51	98.53	49.37	1,126.62	795.25	725.34	69.91	11.375		
7,150.00	6,938.43	7,119.79	6,964.93	36.32	34.78	98.01	50.79	1,098.76	799.98	729.48	70.50	11.347		
7,200.00	6,972.26	7,173.11	7,007.56	36.61	35.08	97.66	52.41	1,066.80	804.51	733.37	71.14	11.309		
7,250.00	7,003.13	7,227.34	7,048.01	36.93	35.42	97.43	54.24	1,030.76	808.80	736.97	71.83	11.260		
7,300.00	7,030.85	7,282.47	7,085.84	37.29	35.80	97.30	56.27	990.73	812.83	740.24	72.59	11.198		
7,350.00	7,055.25	7,338.51	7,120.59	37.68	36.23	97.25	58.50	946.85	816.54	743.13	73.41	11.122		
7,400.00	7,076.17	7,395.43	7,151.80	38.12	36.71	97.26	60.91	899.32	819.90	745.58	74.32	11.032		
7,450.00	7,093.50	7,453.22	7,179.01	38.60	37.26	97.33	63.49	848.43	822.88	747.57	75.32	10.926		
7,500.00	7,107.11	7,511.81	7,201.76	39.11	37.86	97.43	66.23	794.52	825.44	749.03	76.40	10.804		
7,550.00	7,116.94	7,571.16	7,219.65	39.66	38.53	97.57	69.10	738.03	827.53	749.96	77.57	10.668		
7,600.00	7,122.91	7,631.18	7,232.31	40.24	39.25	97.74	72.07	679.46	829.15	750.32	78.83	10.518		
7,650.18	7,125.00	7,691.99	7,239.44	40.85	40.02	97.93	75.13	619.17	830.26	750.10	80.16	10.358		
7,700.00	7,125.12	7,749.67	7,241.02	41.48	40.78	98.02	78.06	561.60	830.80	749.25	81.54	10.189		
7,800.00	7,125.36	7,849.67	7,241.19	42.88	42.21	98.01	83.13	461.74	831.54	747.13	84.41	9.851		
7,900.00	7,125.60	7,949.66	7,241.36	44.42	43.77	98.00	88.20	361.87	832.28	744.74	87.54	9.507		
8,000.00	7,125.84	8,049.66	7,241.52	46.10	45.46	97.98	93.27	262.00	833.02	742.10	90.92	9.162		
8,100.00	7,126.08	8,149.66	7,241.69	47.89	47.27	97.97	98.34	162.13	833.76	739.24	94.53	8.821		
8,200.00	7,126.32	8,249.65	7,241.86	49.79	49.17	97.96	103.41	62.26	834.51	736.18	98.33	8.487		
8,300.00	7,126.56	8,349.65	7,242.02	51.79	51.17	97.95	108.48	-37.61	835.25	732.94	102.31	8.164		
8,400.00	7,126.80	8,449.65	7,242.19	53.86	53.25	97.94	113.55	-137.47	835.99	729.55	106.44	7.854		
8,500.00	7,127.04	8,549.64	7,242.35	56.00	55.39	97.92	118.62	-237.34	836.73	726.02	110.71	7.558		
8,600.00	7,127.28	8,649.64	7,242.52	58.21	57.61	97.91	123.69	-337.21	837.47	722.36	115.11	7.275		
8,689.38	7,127.49	8,739.02	7,242.67	60.24	59.63	97.90	128.22	-426.48	838.14	719.01	119.13	7.035		
8,700.00	7,127.52	8,749.64	7,242.69	60.48	59.87	97.90	128.76	-437.08	838.24	718.62	119.62	7.008		
8,800.00	7,127.76	8,849.59	7,242.85	62.79	62.19	97.88	133.82	-536.90	841.07	716.86	124.22	6.771		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
8,841.07	7,127.85	8,909.40	7,242.92	63.74	63.59	97.87	135.90	-577.86	843.24	716.68	126.56	6.663		
8,900.00	7,128.00	8,949.43	7,243.02	65.12	64.55	97.83	138.89	-636.61	846.77	717.87	128.89	6.570		
9,000.00	7,128.23	9,049.24	7,243.19	67.50	66.95	97.77	143.95	-736.30	852.75	719.10	133.65	6.381		
9,100.00	7,128.47	9,149.06	7,243.35	69.91	69.38	97.71	149.01	-835.98	858.74	720.26	138.48	6.201		
9,200.00	7,128.71	9,248.88	7,243.52	72.35	71.85	97.65	154.07	-935.67	864.72	721.36	143.37	6.032		
9,300.00	7,128.95	9,348.69	7,243.68	74.83	74.34	97.59	159.13	-1,035.36	870.71	722.40	148.32	5.871		
9,400.00	7,129.19	9,448.51	7,243.85	77.33	76.86	97.54	164.19	-1,135.05	876.70	723.38	153.32	5.718		
9,500.00	7,129.43	9,548.33	7,244.02	79.86	79.41	97.48	169.25	-1,234.74	882.69	724.32	158.36	5.574		
9,600.00	7,129.67	9,648.14	7,244.18	82.41	81.97	97.43	174.31	-1,334.43	888.68	725.22	163.46	5.437		
9,700.00	7,129.91	9,747.96	7,244.35	84.97	84.56	97.37	179.37	-1,434.11	894.67	726.09	168.59	5.307		
9,800.00	7,130.15	9,847.78	7,244.52	87.56	87.16	97.32	184.43	-1,533.80	900.66	726.91	173.75	5.184		
9,900.00	7,130.39	9,947.59	7,244.68	90.16	89.78	97.26	189.50	-1,633.49	906.66	727.71	178.95	5.067		
10,000.00	7,130.63	10,047.41	7,244.85	92.78	92.41	97.21	194.56	-1,733.18	912.65	728.47	184.18	4.955		
10,100.00	7,130.87	10,147.23	7,245.01	95.41	95.06	97.16	199.62	-1,832.87	918.64	729.21	189.43	4.849		
10,200.00	7,131.11	10,247.04	7,245.18	98.06	97.72	97.11	204.68	-1,932.56	924.64	729.92	194.71	4.749		
10,300.00	7,131.35	10,346.86	7,245.35	100.71	100.39	97.06	209.74	-2,032.24	930.63	730.61	200.02	4.653		
10,400.00	7,131.59	10,446.68	7,245.51	103.38	103.07	97.01	214.80	-2,131.93	936.63	731.29	205.34	4.561		
10,500.00	7,131.83	10,546.49	7,245.68	106.06	105.77	96.96	219.86	-2,231.62	942.63	731.94	210.69	4.474		
10,600.00	7,132.07	10,646.31	7,245.84	108.74	108.47	96.91	224.92	-2,331.31	948.62	732.57	216.06	4.391		
10,700.00	7,132.31	10,746.13	7,246.01	111.44	111.18	96.86	229.98	-2,431.00	954.62	733.19	221.44	4.311		
10,800.00	7,132.55	10,845.94	7,246.18	114.14	113.89	96.81	235.04	-2,530.68	960.62	733.79	226.84	4.235		
10,900.00	7,132.79	10,945.76	7,246.34	116.85	116.62	96.77	240.10	-2,630.37	966.62	734.37	232.25	4.162		
11,000.00	7,133.03	11,045.58	7,246.51	119.57	119.35	96.72	245.17	-2,730.06	972.62	734.95	237.68	4.092		
11,100.00	7,133.27	11,145.39	7,246.68	122.29	122.09	96.68	250.23	-2,829.75	978.62	735.51	243.12	4.025		
11,200.00	7,133.51	11,245.21	7,246.84	125.02	124.83	96.63	255.29	-2,929.44	984.62	736.06	248.57	3.961		
11,300.00	7,133.74	11,347.48	7,247.01	127.76	127.64	96.58	260.46	-3,031.58	990.62	736.51	254.11	3.898		
11,400.00	7,133.98	11,449.86	7,247.27	130.50	131.83	96.55	263.76	-3,183.90	993.74	737.91	260.83	3.810		
11,500.00	7,134.22	11,629.57	7,247.51	133.24	135.38	96.56	260.51	-3,313.56	992.07	725.38	266.69	3.720		
11,600.00	7,134.46	11,729.53	7,247.69	135.99	138.12	96.57	257.00	-3,413.47	989.55	717.41	272.14	3.636		
11,700.00	7,134.70	11,829.50	7,247.87	138.75	140.85	96.58	253.50	-3,513.37	987.04	709.44	277.60	3.556		
11,800.00	7,134.94	11,929.47	7,248.06	141.51	143.60	96.60	249.99	-3,613.28	984.52	701.45	283.07	3.478		
11,900.00	7,135.18	12,029.44	7,248.24	144.27	146.34	96.61	246.49	-3,713.19	982.01	693.46	288.55	3.403		
12,000.00	7,135.42	12,129.41	7,248.42	147.03	149.09	96.62	242.98	-3,813.09	979.49	685.46	294.03	3.331		
12,100.00	7,135.66	12,229.38	7,248.60	149.80	151.85	96.64	239.47	-3,913.00	976.98	677.45	299.52	3.262		
12,200.00	7,135.90	12,329.34	7,248.78	152.58	154.61	96.65	235.97	-4,012.91	974.46	669.44	305.02	3.195		
12,300.00	7,136.14	12,429.31	7,248.97	155.35	157.37	96.66	232.46	-4,112.81	971.95	661.43	310.52	3.130		
12,400.00	7,136.38	12,529.28	7,249.15	158.13	160.13	96.68	228.96	-4,212.72	969.43	653.41	316.02	3.068		
12,500.00	7,136.62	12,629.25	7,249.33	160.91	162.90	96.69	225.45	-4,312.62	966.91	645.38	321.53	3.007		
12,600.00	7,136.86	12,729.22	7,249.51	163.70	165.67	96.71	221.94	-4,412.53	964.40	637.35	327.05	2.949		
12,700.00	7,137.10	12,829.18	7,249.70	166.48	168.44	96.72	218.44	-4,512.44	961.88	629.31	332.57	2.892		
12,800.00	7,137.34	12,929.15	7,249.88	169.27	171.21	96.74	214.93	-4,612.34	959.37	621.27	338.10	2.838		
12,900.00	7,137.58	13,029.12	7,250.06	172.06	173.99	96.75	211.43	-4,712.25	956.85	613.23	343.62	2.785		
13,000.00	7,137.82	13,129.09	7,250.24	174.86	176.77	96.76	207.92	-4,812.16	954.34	605.18	349.16	2.733		
13,100.00	7,138.06	13,229.06	7,250.43	177.65	179.55	96.78	204.41	-4,912.06	951.82	597.13	354.69	2.684		
13,200.00	7,138.30	13,329.02	7,250.61	180.45	182.33	96.79	200.91	-5,011.97	949.31	589.08	360.23	2.635		
13,300.00	7,138.54	13,428.99	7,250.79	183.25	185.11	96.81	197.40	-5,111.88	946.80	581.02	365.77	2.588		
13,400.00	7,138.78	13,528.96	7,250.97	186.05	187.90	96.82	193.90	-5,211.78	944.28	572.96	371.32	2.543		
13,500.00	7,139.02	13,628.93	7,251.16	188.85	190.69	96.84	190.39	-5,311.69	941.77	564.90	376.87	2.499		
13,600.00	7,139.25	13,728.90	7,251.34	191.65	193.48	96.85	186.88	-5,411.60	939.25	556.83	382.42	2.456		
13,700.00	7,139.49	13,828.86	7,251.52	194.46	196.27	96.87	183.38	-5,511.50	936.74	548.76	387.97	2.414		
13,800.00	7,139.73	13,928.83	7,251.70	197.27	199.07	96.88	179.87	-5,611.41	934.22	540.69	393.53	2.374		
13,900.00	7,139.97	14,028.80	7,251.88	200.08	201.86	96.90	176.37	-5,711.31	931.71	532.62	399.09	2.335		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,000.00	7,140.21	14,128.77	7,252.07	202.89	204.66	96.91	172.86	-5,811.22	929.19	524.54	404.65	2.296		
14,100.00	7,140.45	14,228.74	7,252.25	205.70	207.45	96.93	169.35	-5,911.13	926.68	516.47	410.21	2.259		
14,200.00	7,140.69	14,328.71	7,252.43	208.51	210.25	96.94	165.85	-6,011.03	924.17	508.39	415.78	2.223		
14,300.00	7,140.93	14,428.67	7,252.61	211.32	213.05	96.96	162.34	-6,110.94	921.65	500.31	421.34	2.187		
14,400.00	7,141.17	14,528.64	7,252.80	214.14	215.85	96.97	158.84	-6,210.85	919.14	492.22	426.91	2.153		
14,500.00	7,141.41	14,628.61	7,252.98	216.95	218.66	96.99	155.33	-6,310.75	916.62	484.14	432.48	2.119		
14,600.00	7,141.65	14,728.58	7,253.16	219.77	221.46	97.01	151.82	-6,410.66	914.11	476.05	438.06	2.087		
14,700.00	7,141.89	14,828.55	7,253.34	222.59	224.27	97.02	148.32	-6,510.57	911.60	467.97	443.63	2.055		
14,800.00	7,142.13	14,928.51	7,253.53	225.41	227.07	97.04	144.81	-6,610.47	909.08	459.88	449.20	2.024		
14,900.00	7,142.37	15,028.48	7,253.71	228.23	229.88	97.05	141.31	-6,710.38	906.57	451.79	454.78	1.993		
15,000.00	7,142.61	15,128.45	7,253.89	231.05	232.69	97.07	137.80	-6,810.29	904.06	443.70	460.36	1.964		
15,100.00	7,142.85	15,228.42	7,254.07	233.87	235.50	97.09	134.29	-6,910.19	901.54	435.60	465.94	1.935		
15,200.00	7,143.09	15,328.39	7,254.26	236.69	238.31	97.10	130.79	-7,010.10	899.03	427.51	471.52	1.907		
15,300.00	7,143.33	15,428.35	7,254.44	239.52	241.12	97.12	127.28	-7,110.00	896.52	419.42	477.10	1.879		
15,400.00	7,143.57	15,528.32	7,254.62	242.34	243.93	97.13	123.78	-7,209.91	894.00	411.32	482.68	1.852		
15,500.00	7,143.81	15,628.29	7,254.80	245.17	246.74	97.15	120.27	-7,309.82	891.49	403.22	488.27	1.826		
15,600.00	7,144.05	15,728.26	7,254.98	247.99	249.55	97.17	116.76	-7,409.72	888.98	395.13	493.85	1.800		
15,700.00	7,144.29	15,828.23	7,255.17	250.82	252.37	97.18	113.26	-7,509.63	886.46	387.03	499.43	1.775		
15,800.00	7,144.53	15,928.19	7,255.35	253.64	255.18	97.20	109.75	-7,609.54	883.95	378.93	505.02	1.750		
15,900.00	7,144.76	16,028.16	7,255.53	256.47	258.00	97.22	106.25	-7,709.44	881.44	370.83	510.61	1.726		
16,000.00	7,145.00	16,128.13	7,255.71	259.30	260.81	97.24	102.74	-7,809.35	878.92	362.73	516.20	1.703		
16,100.00	7,145.24	16,228.10	7,255.90	262.13	263.63	97.25	99.23	-7,909.26	876.41	354.63	521.78	1.680		
16,200.00	7,145.48	16,328.07	7,256.08	264.96	266.45	97.27	95.73	-8,009.16	873.90	346.53	527.37	1.657		
16,300.00	7,145.72	16,428.03	7,256.26	267.79	269.26	97.29	92.22	-8,109.07	871.39	338.42	532.96	1.635		
16,400.00	7,145.96	16,528.00	7,256.44	270.62	272.08	97.30	88.72	-8,208.97	868.87	330.32	538.55	1.613		
16,500.00	7,146.20	16,627.97	7,256.63	273.45	274.90	97.32	85.21	-8,308.88	866.36	322.22	544.14	1.592		
16,600.00	7,146.44	16,727.94	7,256.81	276.28	277.72	97.34	81.70	-8,408.79	863.85	314.11	549.73	1.571		
16,700.00	7,146.68	16,827.91	7,256.99	279.12	280.54	97.36	78.20	-8,508.69	861.34	306.01	555.33	1.551		
16,800.00	7,146.92	16,927.88	7,257.17	281.95	283.36	97.37	74.69	-8,608.60	858.82	297.91	560.92	1.531		
16,900.00	7,147.16	17,027.84	7,257.36	284.78	286.18	97.39	71.19	-8,708.51	856.31	289.80	566.51	1.512		
17,000.00	7,147.40	17,127.81	7,257.54	287.62	289.00	97.41	67.68	-8,808.41	853.80	281.70	572.10	1.492 Level 3		
17,100.00	7,147.64	17,227.78	7,257.72	290.45	291.83	97.43	64.17	-8,908.32	851.29	273.59	577.70	1.474 Level 3		
17,200.00	7,147.88	17,327.75	7,257.90	293.28	294.65	97.45	60.67	-9,008.23	848.78	265.49	583.29	1.455 Level 3		
17,300.00	7,148.12	17,427.72	7,258.08	296.12	297.47	97.47	57.16	-9,108.13	846.26	257.38	588.88	1.437 Level 3		
17,400.00	7,148.36	17,527.68	7,258.27	298.95	300.30	97.48	53.66	-9,208.04	843.75	249.28	594.48	1.419 Level 3		
17,500.00	7,148.60	17,627.65	7,258.45	301.79	303.12	97.50	50.15	-9,307.95	841.24	241.17	600.07	1.402 Level 3		
17,600.00	7,148.84	17,727.62	7,258.63	304.63	305.94	97.52	46.64	-9,407.85	838.73	233.07	605.66	1.385 Level 3		
17,700.00	7,149.08	17,827.59	7,258.81	307.46	308.77	97.54	43.14	-9,507.76	836.22	224.96	611.26	1.368 Level 3		
17,800.00	7,149.32	17,927.56	7,259.00	310.30	311.59	97.56	39.63	-9,607.66	833.71	216.85	616.85	1.352 Level 3		
17,900.00	7,149.56	18,027.52	7,259.18	313.14	314.42	97.58	36.13	-9,707.57	831.20	208.75	622.45	1.335 Level 3		
18,000.00	7,149.80	18,127.49	7,259.36	315.98	317.25	97.60	32.62	-9,807.48	828.68	200.64	628.04	1.319 Level 3		
18,100.00	7,150.04	18,227.46	7,259.54	318.81	320.07	97.62	29.11	-9,907.38	826.17	192.54	633.64	1.304 Level 3		
18,200.00	7,150.27	18,327.43	7,259.73	321.65	322.90	97.64	25.61	-10,007.29	823.66	184.43	639.23	1.289 Level 3		
18,300.00	7,150.51	18,427.40	7,259.91	324.49	325.73	97.65	22.10	-10,107.20	821.15	176.33	644.82	1.273 Level 3		
18,400.00	7,150.75	18,527.36	7,260.09	327.33	328.55	97.67	18.60	-10,207.10	818.64	168.22	650.42	1.259 Level 3		
18,500.00	7,150.99	18,627.33	7,260.27	330.17	331.38	97.69	15.09	-10,307.01	816.13	160.12	656.01	1.244 Level 2		
18,600.00	7,151.23	18,727.30	7,260.46	333.01	334.21	97.71	11.58	-10,406.92	813.62	152.01	661.61	1.230 Level 2		
18,700.00	7,151.47	18,827.27	7,260.64	335.85	337.04	97.73	8.08	-10,506.82	811.11	143.91	667.20	1.216 Level 2		
18,800.00	7,151.71	18,927.24	7,260.82	338.69	339.87	97.75	4.57	-10,606.73	808.60	135.80	672.79	1.202 Level 2		
18,900.00	7,151.95	19,027.20	7,261.00	341.53	342.70	97.77	1.06	-10,706.64	806.09	127.70	678.39	1.188 Level 2		
18,918.94	7,152.00	19,025.91	7,261.00	342.07	342.66	97.77	1.11	-10,705.34	805.87	126.64	679.23	1.186 Level 2		
18,920.23	7,152.00	19,025.91	7,261.00	342.10	342.66	97.77	1.11	-10,705.34	805.87	126.60	679.27	1.186 Level 2, 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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 9N-9C-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	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	299.51	299.49	3.44	3.44	-119.41	75.34	2.26	76.22	69.34	6.88	11.072		
400.00	399.84	398.94	398.78	3.60	3.60	-118.95	76.24	7.36	79.75	72.56	7.19	11.088		
500.00	499.45	498.21	497.67	3.80	3.80	-118.26	77.74	15.83	85.63	78.03	7.60	11.272		
600.00	598.70	597.22	595.95	4.04	4.05	-117.43	79.82	27.63	93.86	85.78	8.09	11.608		
700.00	697.47	695.91	693.43	4.33	4.33	-116.54	82.48	42.72	104.44	95.78	8.65	12.068		
800.00	795.62	805.73	790.02	4.65	4.68	-115.65	85.71	61.03	117.34	108.01	9.33	12.573		
865.50	859.53	859.08	853.48	4.89	4.87	-115.49	87.99	73.98	126.82	117.07	9.75	13.009		
900.00	893.10	906.81	886.88	5.02	5.04	-115.65	89.19	80.80	131.99	121.94	10.05	13.136		
1,000.00	990.42	1,007.94	983.69	5.41	5.43	-116.05	92.68	100.56	146.96	136.15	10.81	13.595		
1,100.00	1,087.73	1,109.08	1,080.50	5.83	5.83	-116.38	96.16	120.32	161.94	150.33	11.61	13.944		
1,200.00	1,185.05	1,189.79	1,177.31	6.27	6.17	-116.65	99.65	140.08	176.92	164.56	12.36	14.310		
1,300.00	1,282.36	1,288.66	1,274.12	6.72	6.59	-116.88	103.13	159.84	191.91	178.70	13.21	14.524		
1,400.00	1,379.67	1,387.53	1,370.93	7.18	7.02	-117.08	106.61	179.60	206.90	192.81	14.09	14.689		
1,500.00	1,476.99	1,486.40	1,467.74	7.65	7.46	-117.25	110.10	199.37	221.89	206.92	14.97	14.818		
1,600.00	1,574.30	1,585.26	1,564.55	8.13	7.91	-117.40	113.58	219.13	236.88	221.01	15.88	14.918		
1,700.00	1,671.61	1,684.13	1,661.36	8.62	8.36	-117.53	117.07	238.89	251.88	235.08	16.80	14.997		
1,800.00	1,768.93	1,783.00	1,758.17	9.11	8.82	-117.65	120.55	258.65	266.88	249.15	17.72	15.058		
1,900.00	1,866.24	1,881.87	1,854.98	9.60	9.28	-117.75	124.04	278.41	281.87	263.21	18.66	15.106		
2,000.00	1,963.56	1,980.74	1,951.79	10.10	9.75	-117.85	127.52	298.17	296.87	277.27	19.60	15.144		
2,100.00	2,060.87	2,079.60	2,048.60	10.61	10.22	-117.93	131.01	317.93	311.87	291.32	20.55	15.174		
2,200.00	2,158.18	2,178.47	2,145.41	11.11	10.69	-118.01	134.49	337.69	326.87	305.36	21.51	15.197		
2,300.00	2,255.50	2,277.34	2,242.22	11.62	11.17	-118.08	137.97	357.46	341.87	319.40	22.47	15.215		
2,400.00	2,352.81	2,376.21	2,339.03	12.13	11.64	-118.14	141.46	377.22	356.87	333.43	23.43	15.228		
2,500.00	2,450.13	2,475.07	2,435.84	12.65	12.12	-118.20	144.94	396.98	371.87	347.46	24.40	15.238		
2,600.00	2,547.44	2,573.94	2,532.65	13.16	12.60	-118.26	148.43	416.74	386.87	361.49	25.38	15.245		
2,700.00	2,644.75	2,672.81	2,629.46	13.68	13.09	-118.31	151.91	436.50	401.87	375.52	26.35	15.250		
2,800.00	2,742.07	2,771.68	2,726.27	14.20	13.57	-118.35	155.40	456.26	416.87	389.54	27.33	15.253		
2,900.00	2,839.38	2,870.55	2,823.08	14.71	14.05	-118.40	158.88	476.02	431.87	403.56	28.31	15.255		
3,000.00	2,936.70	2,969.41	2,919.89	15.23	14.54	-118.44	162.36	495.78	446.87	417.58	29.29	15.255		
3,100.00	3,034.01	3,068.28	3,016.70	15.76	15.02	-118.48	165.85	515.54	461.88	431.60	30.28	15.255		
3,200.00	3,131.32	3,167.15	3,113.51	16.28	15.51	-118.51	169.33	535.31	476.88	445.61	31.26	15.253		
3,300.00	3,228.64	3,266.02	3,210.32	16.80	16.00	-118.54	172.82	555.07	491.88	459.63	32.25	15.251		
3,400.00	3,325.95	3,364.89	3,307.13	17.32	16.49	-118.58	176.30	574.83	506.88	473.64	33.24	15.248		
3,500.00	3,423.26	3,463.75	3,403.94	17.85	16.98	-118.61	179.79	594.59	521.88	487.65	34.23	15.245		
3,600.00	3,520.58	3,562.62	3,500.75	18.37	17.47	-118.63	183.27	614.35	536.89	501.66	35.22	15.242		
3,700.00	3,617.89	3,661.49	3,597.56	18.90	17.96	-118.66	186.76	634.11	551.89	515.67	36.22	15.238		
3,800.00	3,715.21	3,760.36	3,694.37	19.43	18.45	-118.69	190.24	653.87	566.89	529.68	37.21	15.234		
3,900.00	3,812.52	3,859.22	3,791.19	19.95	18.94	-118.71	193.72	673.63	581.90	543.69	38.21	15.230		
4,000.00	3,909.83	3,958.09	3,888.00	20.48	19.43	-118.73	197.21	693.40	596.90	557.70	39.20	15.226		
4,100.00	4,007.15	4,056.96	3,984.81	21.01	19.93	-118.75	200.69	713.16	611.90	571.70	40.20	15.221		
4,200.00	4,104.46	4,155.83	4,081.62	21.53	20.42	-118.77	204.18	732.92	626.91	585.71	41.20	15.217		
4,300.00	4,201.78	4,254.70	4,178.43	22.06	20.91	-118.79	207.66	752.68	641.91	599.71	42.20	15.212		
4,400.00	4,299.09	4,353.56	4,275.24	22.59	21.41	-118.81	211.15	772.44	656.91	613.72	43.20	15.208		
4,500.00	4,396.40	4,452.43	4,372.05	23.12	21.90	-118.83	214.63	792.20	671.92	627.72	44.20	15.203		
4,600.00	4,493.72	4,551.30	4,468.86	23.65	22.39	-118.85	218.12	811.96	686.92	641.72	45.20	15.199		
4,700.00	4,591.03	4,650.17	4,565.67	24.18	22.89	-118.86	221.60	831.72	701.92	655.73	46.20	15.194		
4,800.00	4,688.34	4,749.04	4,662.48	24.71	23.38	-118.88	225.08	851.48	716.93	669.73	47.20	15.190		
4,900.00	4,785.66	4,847.90	4,759.29	25.24	23.88	-118.89	228.57	871.25	731.93	683.73	48.20	15.186		
5,000.00	4,882.97	4,946.77	4,856.10	25.77	24.37	-118.91	232.05	891.01	746.93	697.73	49.20	15.181		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 9N-9C-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,980.29	5,045.64	4,952.91	26.30	24.87	-118.92	235.54	910.77	761.94	711.73	50.20	15.177		
5,200.00	5,077.60	5,144.51	5,049.72	26.83	25.36	-118.93	239.02	930.53	776.94	725.74	51.21	15.173		
5,300.00	5,174.91	5,243.37	5,146.53	27.36	25.86	-118.95	242.51	950.29	791.95	739.74	52.21	15.168		
5,400.00	5,272.23	5,342.24	5,243.34	27.89	26.35	-118.96	245.99	970.05	806.95	753.74	53.21	15.164		
5,500.00	5,369.54	5,441.11	5,340.15	28.42	26.85	-118.97	249.48	989.81	821.95	767.74	54.22	15.160		
5,600.00	5,466.86	5,539.98	5,436.96	28.95	27.35	-118.98	252.96	1,009.57	836.96	781.74	55.22	15.156		
5,700.00	5,564.17	5,638.85	5,533.77	29.48	27.84	-118.99	256.44	1,029.34	851.96	795.74	56.23	15.152		
5,800.00	5,661.48	5,737.71	5,630.58	30.01	28.34	-119.00	259.93	1,049.10	866.97	809.73	57.23	15.148		
5,900.00	5,758.80	5,836.58	5,727.39	30.54	28.84	-119.01	263.41	1,068.86	881.97	823.73	58.24	15.144		
6,000.00	5,856.11	5,935.45	5,824.20	31.07	29.33	-119.02	266.90	1,088.62	896.97	837.73	59.24	15.141		
6,100.00	5,953.43	6,034.32	5,921.01	31.61	29.83	-119.03	270.38	1,108.38	911.98	851.73	60.25	15.137		
6,200.00	6,050.74	6,133.19	6,017.82	32.14	30.33	-119.04	273.87	1,128.14	926.98	865.73	61.25	15.133		
6,300.00	6,148.05	6,232.05	6,114.63	32.67	30.82	-119.05	277.35	1,147.90	941.99	879.73	62.26	15.130		
6,400.00	6,245.37	6,330.92	6,211.44	33.20	31.32	-119.06	280.84	1,167.66	956.99	893.72	63.27	15.126		
6,500.00	6,342.68	6,429.79	6,308.25	33.73	31.82	-119.07	284.32	1,187.43	972.00	907.72	64.27	15.123		
6,520.81	6,362.93	6,450.36	6,328.39	33.85	31.92	-119.07	285.05	1,191.54	975.12	910.63	64.48	15.122		
6,550.00	6,391.46	6,479.22	6,356.65	34.00	32.07	-125.76	286.06	1,197.30	979.49	914.71	64.77	15.122		
6,600.00	6,440.79	6,527.34	6,403.96	34.23	32.30	-145.18	287.79	1,205.85	986.93	921.69	65.23	15.129		
6,650.00	6,490.44	6,575.30	6,451.62	34.43	32.51	179.15	289.60	1,210.87	994.33	928.68	65.64	15.147		
6,700.00	6,540.10	6,623.51	6,499.76	34.60	32.70	142.54	291.51	1,212.29	1,001.65	935.63	66.02	15.172		
6,750.00	6,589.46	6,671.98	6,548.12	34.76	32.88	122.22	293.50	1,210.04	1,008.85	942.48	66.37	15.199		
6,800.00	6,638.22	6,720.74	6,596.46	34.92	33.05	111.73	295.56	1,204.07	1,015.88	949.15	66.73	15.223		
6,850.00	6,686.09	6,769.81	6,644.49	35.07	33.23	105.62	297.69	1,194.34	1,022.71	955.60	67.11	15.240		
6,900.00	6,732.75	6,819.20	6,691.94	35.24	33.42	101.65	299.88	1,180.84	1,029.29	961.78	67.51	15.247		
6,950.00	6,777.94	6,868.93	6,738.51	35.42	33.63	98.87	302.11	1,163.57	1,035.57	967.64	67.93	15.244		
7,000.00	6,821.36	6,919.02	6,783.90	35.61	33.84	96.81	304.37	1,142.56	1,041.53	973.14	68.39	15.229		
7,050.00	6,862.75	6,969.47	6,827.81	35.83	34.08	95.23	306.64	1,117.84	1,047.13	978.24	68.89	15.200		
7,100.00	6,901.85	7,020.29	6,869.92	36.06	34.34	93.99	308.92	1,089.51	1,052.32	982.89	69.43	15.156		
7,150.00	6,938.43	7,071.48	6,909.92	36.32	34.63	93.00	311.18	1,057.66	1,057.09	987.06	70.03	15.095		
7,200.00	6,972.26	7,123.04	6,947.49	36.61	34.94	92.20	313.42	1,022.44	1,061.38	990.70	70.69	15.015		
7,250.00	7,003.13	7,174.96	6,982.31	36.93	35.29	91.57	315.61	984.01	1,065.19	993.78	71.41	14.916		
7,300.00	7,030.85	7,227.23	7,014.09	37.29	35.69	91.07	317.74	942.58	1,068.48	996.27	72.21	14.796		
7,350.00	7,055.25	7,279.84	7,042.53	37.68	36.12	90.68	319.79	898.39	1,071.23	998.14	73.09	14.656		
7,400.00	7,076.17	7,332.75	7,067.36	38.12	36.60	90.40	321.75	851.72	1,073.42	999.36	74.06	14.495		
7,450.00	7,093.50	7,385.95	7,088.34	38.60	37.12	90.21	323.60	802.88	1,075.04	999.93	75.10	14.314		
7,500.00	7,107.11	7,439.40	7,105.23	39.11	37.70	90.10	325.33	752.22	1,076.06	999.84	76.23	14.117		
7,550.00	7,116.94	7,493.07	7,117.86	39.66	38.31	90.07	326.91	700.10	1,076.50	999.07	77.42	13.904		
7,600.00	7,122.91	7,546.92	7,126.08	40.24	38.96	90.13	328.34	646.91	1,076.33	997.65	78.68	13.679		
7,650.18	7,125.00	7,601.11	7,129.78	40.85	39.64	90.25	329.60	592.88	1,075.56	995.57	80.00	13.445		
7,700.00	7,125.12	7,652.07	7,130.07	41.48	40.32	90.26	330.66	541.93	1,074.45	993.11	81.34	13.210		
7,800.00	7,125.36	7,702.05	7,130.26	42.88	41.74	90.26	332.73	441.98	1,072.21	987.99	84.22	12.731		
7,900.00	7,125.60	7,752.02	7,130.45	44.42	43.31	90.26	334.80	342.03	1,069.96	982.59	87.37	12.246		
8,000.00	7,125.84	7,802.00	7,130.65	46.10	45.00	90.26	336.86	242.07	1,067.72	976.93	90.78	11.761		
8,100.00	7,126.08	8,051.97	7,130.84	47.89	46.81	90.25	338.93	142.12	1,065.47	971.05	94.42	11.284		
8,200.00	7,126.32	8,151.95	7,131.04	49.79	48.72	90.25	341.00	42.17	1,063.23	964.97	98.26	10.821		
8,300.00	7,126.56	8,251.92	7,131.23	51.79	50.71	90.25	343.07	-57.79	1,060.98	958.71	102.27	10.374		
8,400.00	7,126.80	8,351.90	7,131.42	53.86	52.79	90.25	345.13	-157.74	1,058.74	952.29	106.44	9.946		
8,500.00	7,127.04	8,451.87	7,131.62	56.00	54.94	90.25	347.20	-257.69	1,056.49	945.74	110.76	9.539		
8,600.00	7,127.28	8,551.85	7,131.81	58.21	57.16	90.24	349.27	-357.65	1,054.25	939.06	115.19	9.152		
8,689.38	7,127.49	8,641.21	7,131.98	60.24	59.18	90.24	351.12	-446.99	1,052.24	932.99	119.25	8.824		
8,700.00	7,127.52	8,651.82	7,132.01	60.48	59.42	90.24	351.34	-457.60	1,052.02	932.28	119.74	8.786		
8,753.69	7,127.64	8,705.51	7,132.11	61.72	60.66	90.24	352.45	-511.28	1,051.52	929.30	122.22	8.603		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 9N-9C-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	8,751.82	7,132.20	62.79	61.74	90.24	353.41	-557.57	1,051.90	927.52	124.38	8.457		
8,841.07	7,127.85	8,807.13	7,132.28	63.74	63.04	90.25	354.26	-598.62	1,052.85	926.21	126.64	8.314		
8,900.00	7,128.00	8,851.78	7,132.39	65.12	64.11	90.24	355.47	-657.51	1,054.65	925.56	129.09	8.170		
9,000.00	7,128.23	8,951.73	7,132.59	67.50	66.51	90.24	357.54	-757.44	1,057.70	923.81	133.89	7.900		
9,100.00	7,128.47	9,051.68	7,132.78	69.91	68.94	90.24	359.61	-857.38	1,060.75	922.00	138.75	7.645		
9,200.00	7,128.71	9,151.64	7,132.97	72.35	71.41	90.23	361.68	-957.31	1,063.80	920.12	143.68	7.404		
9,300.00	7,128.95	9,251.59	7,133.17	74.83	73.91	90.23	363.74	-1,057.24	1,066.85	918.19	148.66	7.176		
9,400.00	7,129.19	9,351.55	7,133.36	77.33	76.43	90.23	365.81	-1,157.17	1,069.90	916.20	153.70	6.961		
9,500.00	7,129.43	9,451.50	7,133.56	79.86	78.98	90.22	367.88	-1,257.10	1,072.95	914.17	158.78	6.758		
9,600.00	7,129.67	9,551.45	7,133.75	82.41	81.55	90.22	369.94	-1,357.04	1,076.00	912.10	163.90	6.565		
9,700.00	7,129.91	9,651.41	7,133.94	84.97	84.13	90.22	372.01	-1,456.97	1,079.05	909.99	169.06	6.383		
9,800.00	7,130.15	9,751.36	7,134.14	87.56	86.74	90.22	374.08	-1,556.90	1,082.10	907.84	174.26	6.210		
9,900.00	7,130.39	9,851.31	7,134.33	90.16	89.36	90.21	376.15	-1,656.83	1,085.15	905.66	179.49	6.046		
10,000.00	7,130.63	9,951.27	7,134.52	92.78	91.99	90.21	378.21	-1,756.76	1,088.20	903.45	184.74	5.890		
10,100.00	7,130.87	10,051.22	7,134.72	95.41	94.64	90.21	380.28	-1,856.70	1,091.25	901.22	190.03	5.743		
10,200.00	7,131.11	10,151.17	7,134.91	98.06	97.30	90.20	382.35	-1,956.63	1,094.30	898.96	195.34	5.602		
10,300.00	7,131.35	10,251.13	7,135.11	100.71	99.98	90.20	384.42	-2,056.56	1,097.35	896.68	200.67	5.468		
10,400.00	7,131.59	10,351.08	7,135.30	103.38	102.66	90.20	386.48	-2,156.49	1,100.40	894.37	206.02	5.341		
10,500.00	7,131.83	10,451.03	7,135.49	106.06	105.35	90.19	388.55	-2,256.42	1,103.45	892.05	211.39	5.220		
10,600.00	7,132.07	10,550.99	7,135.69	108.74	108.05	90.19	390.62	-2,356.35	1,106.49	889.71	216.78	5.104		
10,700.00	7,132.31	10,650.94	7,135.88	111.44	110.76	90.19	392.69	-2,456.29	1,109.54	887.36	222.19	4.994		
10,800.00	7,132.55	10,750.89	7,136.08	114.14	113.48	90.19	394.75	-2,556.22	1,112.59	884.98	227.61	4.888		
10,900.00	7,132.79	10,850.85	7,136.27	116.85	116.20	90.18	396.82	-2,656.15	1,115.64	882.60	233.05	4.787		
11,000.00	7,133.03	10,950.80	7,136.46	119.57	118.93	90.18	398.89	-2,756.08	1,118.69	880.20	238.49	4.691		
11,100.00	7,133.27	11,050.75	7,136.66	122.29	121.67	90.18	400.95	-2,856.01	1,121.74	877.79	243.96	4.598		
11,200.00	7,133.51	11,150.71	7,136.85	125.02	124.41	90.17	403.02	-2,955.95	1,124.79	875.36	249.43	4.509		
11,300.00	7,133.74	11,250.66	7,137.04	127.76	127.16	90.17	405.09	-3,055.88	1,127.84	872.93	254.91	4.424		
11,400.00	7,133.98	11,350.61	7,137.24	130.50	129.91	90.17	407.16	-3,155.81	1,130.89	870.49	260.41	4.343		
11,500.00	7,134.22	11,450.57	7,137.43	133.24	132.67	90.17	409.22	-3,255.74	1,133.94	868.03	265.91	4.264		
11,600.00	7,134.46	11,550.52	7,137.63	135.99	135.43	90.16	411.29	-3,355.67	1,136.99	865.57	271.42	4.189		
11,700.00	7,134.70	11,650.47	7,137.82	138.75	138.20	90.16	413.36	-3,455.61	1,140.04	863.10	276.94	4.116		
11,800.00	7,134.94	11,750.43	7,138.01	141.51	140.97	90.16	415.43	-3,555.54	1,143.09	860.62	282.47	4.047		
11,900.00	7,135.18	11,850.38	7,138.21	144.27	143.74	90.16	417.49	-3,655.47	1,146.14	858.13	288.01	3.980		
12,000.00	7,135.42	11,950.34	7,138.40	147.03	146.52	90.15	419.56	-3,755.40	1,149.19	855.64	293.55	3.915		
12,100.00	7,135.66	12,050.29	7,138.59	149.80	149.30	90.15	421.63	-3,855.33	1,152.24	853.14	299.10	3.852		
12,200.00	7,135.90	12,150.24	7,138.79	152.58	152.08	90.15	423.70	-3,955.27	1,155.29	850.63	304.66	3.792		
12,300.00	7,136.14	12,250.20	7,138.98	155.35	154.87	90.14	425.76	-4,055.20	1,158.34	848.12	310.22	3.734		
12,400.00	7,136.38	12,350.15	7,139.18	158.13	157.66	90.14	427.83	-4,155.13	1,161.39	845.60	315.79	3.678		
12,500.00	7,136.62	12,450.10	7,139.37	160.91	160.45	90.14	429.90	-4,255.06	1,164.44	843.08	321.36	3.623		
12,600.00	7,136.86	12,550.06	7,139.56	163.70	163.25	90.14	431.96	-4,354.99	1,167.49	840.55	326.94	3.571		
12,700.00	7,137.10	12,650.01	7,139.76	166.48	166.04	90.13	434.03	-4,454.92	1,170.54	838.01	332.53	3.520		
12,800.00	7,137.34	12,749.96	7,139.95	169.27	168.84	90.13	436.10	-4,554.86	1,173.59	835.48	338.11	3.471		
12,900.00	7,137.58	12,849.92	7,140.14	172.06	171.64	90.13	438.17	-4,654.79	1,176.64	832.93	343.71	3.423		
13,000.00	7,137.82	12,949.87	7,140.34	174.86	174.45	90.13	440.23	-4,754.72	1,179.69	830.39	349.30	3.377		
13,100.00	7,138.06	13,049.82	7,140.53	177.65	177.25	90.12	442.30	-4,854.65	1,182.74	827.84	354.90	3.333		
13,200.00	7,138.30	13,149.78	7,140.73	180.45	180.06	90.12	444.37	-4,954.58	1,185.79	825.28	360.51	3.289		
13,300.00	7,138.54	13,249.73	7,140.92	183.25	182.87	90.12	446.44	-5,054.52	1,188.84	822.72	366.11	3.247		
13,400.00	7,138.78	13,349.68	7,141.11	186.05	185.68	90.12	448.50	-5,154.45	1,191.89	820.16	371.73	3.206		
13,500.00	7,139.02	13,449.64	7,141.31	188.85	188.49	90.11	450.57	-5,254.38	1,194.94	817.60	377.34	3.167		
13,600.00	7,139.25	13,549.59	7,141.50	191.65	191.31	90.11	452.64	-5,354.31	1,197.99	815.03	382.96	3.128		
13,700.00	7,139.49	13,649.54	7,141.70	194.46	194.12	90.11	454.71	-5,454.24	1,201.04	812.46	388.58	3.091		
13,800.00	7,139.73	13,749.50	7,141.89	197.27	196.94	90.11	456.77	-5,554.18	1,204.09	809.88	394.20	3.054		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 9N-9C-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	13,849.45	7,142.08	200.08	199.76	90.10	458.84	-5,654.11	1,207.14	807.31	399.83	3.019		
14,000.00	7,140.21	13,949.40	7,142.28	202.89	202.58	90.10	460.91	-5,754.04	1,210.19	804.73	405.46	2.985		
14,100.00	7,140.45	14,049.36	7,142.47	205.70	205.40	90.10	462.97	-5,853.97	1,213.24	802.15	411.09	2.951		
14,200.00	7,140.69	14,149.31	7,142.66	208.51	208.22	90.10	465.04	-5,953.90	1,216.29	799.56	416.72	2.919		
14,300.00	7,140.93	14,249.27	7,142.86	211.32	211.04	90.09	467.11	-6,053.84	1,219.33	796.98	422.36	2.887		
14,400.00	7,141.17	14,349.22	7,143.05	214.14	213.87	90.09	469.18	-6,153.77	1,222.38	794.39	428.00	2.856		
14,500.00	7,141.41	14,449.17	7,143.25	216.95	216.69	90.09	471.24	-6,253.70	1,225.43	791.80	433.64	2.826		
14,600.00	7,141.65	14,549.13	7,143.44	219.77	219.52	90.09	473.31	-6,353.63	1,228.48	789.21	439.28	2.797		
14,700.00	7,141.89	14,649.08	7,143.63	222.59	222.35	90.09	475.38	-6,453.56	1,231.53	786.61	444.92	2.768		
14,800.00	7,142.13	14,749.03	7,143.83	225.41	225.18	90.08	477.45	-6,553.49	1,234.58	784.01	450.57	2.740		
14,900.00	7,142.37	14,857.10	7,144.04	228.23	228.23	90.08	479.62	-6,661.54	1,237.60	781.14	456.46	2.711		
15,000.00	7,142.61	15,033.14	7,144.38	231.05	233.19	90.08	476.70	-6,837.53	1,236.92	773.53	463.39	2.669		
15,100.00	7,142.85	15,130.78	7,144.57	233.87	235.93	90.08	472.27	-6,935.06	1,233.36	764.35	469.01	2.630		
15,200.00	7,143.09	15,230.71	7,144.77	236.69	238.73	90.07	467.73	-7,034.90	1,229.80	755.16	474.63	2.591		
15,300.00	7,143.33	15,330.65	7,144.97	239.52	241.54	90.07	463.18	-7,134.73	1,226.23	745.97	480.27	2.553		
15,400.00	7,143.57	15,430.59	7,145.16	242.34	244.34	90.07	458.64	-7,234.56	1,222.67	736.77	485.90	2.516		
15,500.00	7,143.81	15,530.52	7,145.36	245.17	247.15	90.07	454.10	-7,334.39	1,219.11	727.57	491.53	2.480		
15,600.00	7,144.05	15,630.46	7,145.56	247.99	249.95	90.07	449.56	-7,434.23	1,215.54	718.37	497.17	2.445		
15,700.00	7,144.29	15,730.39	7,145.75	250.82	252.76	90.06	445.02	-7,534.06	1,211.98	709.17	502.81	2.410		
15,800.00	7,144.53	15,830.33	7,145.95	253.64	255.57	90.06	440.48	-7,633.89	1,208.42	699.97	508.44	2.377		
15,900.00	7,144.76	15,930.27	7,146.15	256.47	258.38	90.06	435.94	-7,733.73	1,204.85	690.77	514.08	2.344		
16,000.00	7,145.00	16,030.20	7,146.34	259.30	261.18	90.06	431.39	-7,833.56	1,201.29	681.57	519.72	2.311		
16,100.00	7,145.24	16,130.14	7,146.54	262.13	263.99	90.06	426.85	-7,933.39	1,197.73	672.36	525.37	2.280		
16,200.00	7,145.48	16,230.08	7,146.74	264.96	266.80	90.06	422.31	-8,033.23	1,194.16	663.15	531.01	2.249		
16,300.00	7,145.72	16,330.01	7,146.93	267.79	269.62	90.05	417.77	-8,133.06	1,190.60	653.95	536.65	2.219		
16,400.00	7,145.96	16,429.95	7,147.13	270.62	272.43	90.05	413.23	-8,232.89	1,187.04	644.74	542.30	2.189		
16,500.00	7,146.20	16,529.89	7,147.33	273.45	275.24	90.05	408.69	-8,332.73	1,183.47	635.53	547.95	2.160		
16,600.00	7,146.44	16,629.82	7,147.52	276.28	278.05	90.05	404.14	-8,432.56	1,179.91	626.32	553.59	2.131		
16,700.00	7,146.68	16,729.76	7,147.72	279.12	280.87	90.05	399.60	-8,532.39	1,176.35	617.10	559.24	2.103		
16,800.00	7,146.92	16,829.70	7,147.92	281.95	283.68	90.04	395.06	-8,632.22	1,172.78	607.89	564.89	2.076		
16,900.00	7,147.16	16,929.63	7,148.11	284.78	286.50	90.04	390.52	-8,732.06	1,169.22	598.68	570.54	2.049		
17,000.00	7,147.40	17,029.57	7,148.31	287.62	289.31	90.04	385.98	-8,831.89	1,165.66	589.46	576.19	2.023		
17,100.00	7,147.64	17,129.51	7,148.50	290.45	292.13	90.04	381.44	-8,931.72	1,162.09	580.25	581.85	1.997		
17,200.00	7,147.88	17,229.44	7,148.70	293.28	294.94	90.04	376.90	-9,031.56	1,158.53	571.03	587.50	1.972		
17,300.00	7,148.12	17,329.38	7,148.90	296.12	297.76	90.03	372.35	-9,131.39	1,154.97	561.81	593.15	1.947		
17,400.00	7,148.36	17,429.32	7,149.09	298.95	300.58	90.03	367.81	-9,231.22	1,151.40	552.60	598.81	1.923		
17,500.00	7,148.60	17,529.25	7,149.29	301.79	303.39	90.03	363.27	-9,331.06	1,147.84	543.38	604.46	1.899		
17,600.00	7,148.84	17,629.19	7,149.49	304.63	306.21	90.03	358.73	-9,430.89	1,144.28	534.16	610.12	1.875		
17,700.00	7,149.08	17,729.12	7,149.68	307.46	309.03	90.03	354.19	-9,530.72	1,140.71	524.94	615.78	1.852		
17,800.00	7,149.32	17,829.06	7,149.88	310.30	311.85	90.02	349.65	-9,630.55	1,137.15	515.72	621.43	1.830		
17,900.00	7,149.56	17,929.00	7,150.08	313.14	314.67	90.02	345.11	-9,730.39	1,133.59	506.49	627.09	1.808		
18,000.00	7,149.80	18,028.93	7,150.27	315.98	317.49	90.02	340.56	-9,830.22	1,130.02	497.27	632.75	1.786		
18,100.00	7,150.04	18,128.87	7,150.47	318.81	320.31	90.02	336.02	-9,930.05	1,126.46	488.05	638.41	1.764		
18,200.00	7,150.27	18,228.81	7,150.67	321.65	323.13	90.02	331.48	-10,029.89	1,122.90	478.82	644.07	1.743		
18,300.00	7,150.51	18,328.74	7,150.86	324.49	325.95	90.01	326.94	-10,129.72	1,119.33	469.60	649.73	1.723		
18,400.00	7,150.75	18,428.68	7,151.06	327.33	328.77	90.01	322.40	-10,229.55	1,115.77	460.38	655.39	1.702		
18,500.00	7,150.99	18,528.62	7,151.26	330.17	331.59	90.01	317.86	-10,329.39	1,112.21	451.15	661.06	1.682		
18,600.00	7,151.23	18,628.55	7,151.45	333.01	334.41	90.01	313.32	-10,429.22	1,108.64	441.92	666.72	1.663		
18,700.00	7,151.47	18,728.49	7,151.65	335.85	337.24	90.00	308.77	-10,529.05	1,105.08	432.70	672.38	1.644		
18,800.00	7,151.71	18,828.43	7,151.85	338.69	340.06	90.00	304.23	-10,628.89	1,101.52	423.47	678.05	1.625		
18,900.00	7,151.95	18,906.26	7,152.00	341.53	342.26	90.00	300.70	-10,706.64	1,098.18	414.61	683.57	1.607		
18,917.04	7,151.99	18,906.26	7,152.00	342.01	342.26	90.00	300.70	-10,706.64	1,098.04	413.81	684.24	1.605		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 9N-9C-L - OH - Plan #1												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1												<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		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
18,920.23	7,152.00	18,906.26	7,152.00	342.10	342.26	90.00	300.70	-10,706.64	1,098.05	413.70	684.34	1.605 SF	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-48.21	1,517.02	-1,697.41	2,276.52					
100.00	100.00	104.00	96.00	3.28	3.78	-48.21	1,517.02	-1,697.41	2,276.52	2,269.45	7.07	322.096		
200.00	200.00	204.00	196.00	3.34	6.30	-48.21	1,517.02	-1,697.41	2,276.52	2,266.89	9.63	236.282		
300.00	299.98	304.02	295.98	3.44	9.46	-168.21	1,517.02	-1,697.41	2,278.23	2,265.33	12.90	176.655		
400.00	399.84	404.16	395.84	3.60	12.79	-168.22	1,517.02	-1,697.41	2,283.35	2,266.96	16.39	139.334		
500.00	499.45	504.55	495.45	3.80	16.20	-168.23	1,517.02	-1,697.41	2,291.88	2,271.88	20.00	114.582		
600.00	598.70	605.30	594.70	4.04	19.66	-168.24	1,517.02	-1,697.41	2,303.82	2,280.12	23.70	97.195		
700.00	697.47	706.53	693.47	4.33	23.15	-168.26	1,517.02	-1,697.41	2,319.14	2,291.67	27.47	84.412		
800.00	795.62	808.38	791.62	4.65	26.68	-168.28	1,517.02	-1,697.41	2,337.84	2,306.53	31.31	74.673		
865.50	859.53	865.53	855.53	4.89	28.31	-168.29	1,517.02	-1,697.41	2,351.90	2,318.74	33.16	70.923		
900.00	893.10	899.10	889.10	5.02	29.48	-168.33	1,517.02	-1,697.41	2,359.69	2,325.24	34.44	68.508		
1,000.00	990.42	986.42	986.42	5.41	32.85	-168.44	1,517.02	-1,697.41	2,382.26	2,344.10	38.17	62.417		
1,100.00	1,087.73	1,083.73	1,083.73	5.83	36.24	-168.55	1,517.02	-1,697.41	2,404.85	2,362.93	41.91	57.379		
1,200.00	1,185.05	1,181.05	1,181.05	6.27	39.62	-168.66	1,517.02	-1,697.41	2,427.44	2,381.76	45.67	53.147		
1,300.00	1,282.36	1,278.36	1,278.36	6.72	43.01	-168.76	1,517.02	-1,697.41	2,450.04	2,400.59	49.45	49.545		
1,400.00	1,379.67	1,375.67	1,375.67	7.18	46.40	-168.87	1,517.02	-1,697.41	2,472.64	2,419.40	53.24	46.444		
1,500.00	1,476.99	1,472.99	1,472.99	7.65	49.78	-168.97	1,517.02	-1,697.41	2,495.26	2,438.22	57.04	43.748		
1,600.00	1,574.30	1,570.30	1,570.30	8.13	53.18	-169.07	1,517.02	-1,697.41	2,517.88	2,457.04	60.84	41.383		
1,700.00	1,671.61	1,667.61	1,667.61	8.62	56.57	-169.17	1,517.02	-1,697.41	2,540.51	2,475.85	64.66	39.293		
1,800.00	1,768.93	1,764.93	1,764.93	9.11	59.96	-169.26	1,517.02	-1,697.41	2,563.15	2,494.67	68.47	37.432		
1,900.00	1,866.24	1,862.24	1,862.24	9.60	63.35	-169.36	1,517.02	-1,697.41	2,585.79	2,513.49	72.30	35.766		
2,000.00	1,963.56	1,959.56	1,959.56	10.10	66.74	-169.45	1,517.02	-1,697.41	2,608.44	2,532.31	76.12	34.265		
2,100.00	2,060.87	2,056.87	2,056.87	10.61	70.14	-169.54	1,517.02	-1,697.41	2,631.10	2,551.14	79.96	32.907		
2,200.00	2,158.18	2,154.18	2,154.18	11.11	73.53	-169.63	1,517.02	-1,697.41	2,653.76	2,569.97	83.79	31.671		
2,300.00	2,255.50	2,251.50	2,251.50	11.62	76.92	-169.72	1,517.02	-1,697.41	2,676.43	2,588.80	87.63	30.543		
2,400.00	2,352.81	2,348.81	2,348.81	12.13	80.32	-169.81	1,517.02	-1,697.41	2,699.10	2,607.63	91.47	29.509		
2,500.00	2,450.13	2,446.13	2,446.13	12.65	83.71	-169.90	1,517.02	-1,697.41	2,721.78	2,626.47	95.31	28.557		
2,600.00	2,547.44	2,543.44	2,543.44	13.16	87.11	-169.98	1,517.02	-1,697.41	2,744.47	2,645.32	99.15	27.679		
2,700.00	2,644.75	2,640.75	2,640.75	13.68	90.50	-170.06	1,517.02	-1,697.41	2,767.16	2,664.16	103.00	26.866		
2,800.00	2,742.07	2,738.07	2,738.07	14.20	93.90	-170.14	1,517.02	-1,697.41	2,789.86	2,683.01	106.85	26.111		
2,900.00	2,839.38	2,835.38	2,835.38	14.71	97.29	-170.22	1,517.02	-1,697.41	2,812.56	2,701.87	110.69	25.409		
3,000.00	2,936.70	2,932.70	2,932.70	15.23	100.69	-170.30	1,517.02	-1,697.41	2,835.27	2,720.72	114.54	24.753		
3,100.00	3,034.01	3,030.01	3,030.01	15.76	104.08	-170.38	1,517.02	-1,697.41	2,857.98	2,739.59	118.39	24.140		
3,200.00	3,131.32	3,127.32	3,127.32	16.28	107.48	-170.46	1,517.02	-1,697.41	2,880.70	2,758.45	122.25	23.565		
3,300.00	3,228.64	3,224.64	3,224.64	16.80	110.88	-170.53	1,517.02	-1,697.41	2,903.42	2,777.32	126.10	23.025		
3,400.00	3,325.95	3,321.95	3,321.95	17.32	114.27	-170.61	1,517.02	-1,697.41	2,926.15	2,796.20	129.95	22.517		
3,500.00	3,423.26	3,419.26	3,419.26	17.85	117.67	-170.68	1,517.02	-1,697.41	2,948.88	2,815.07	133.81	22.038		
3,600.00	3,520.58	3,516.58	3,516.58	18.37	121.06	-170.75	1,517.02	-1,697.41	2,971.61	2,833.95	137.66	21.587		
3,700.00	3,617.89	3,613.89	3,613.89	18.90	124.46	-170.82	1,517.02	-1,697.41	2,994.35	2,852.84	141.52	21.159		
3,800.00	3,715.21	3,711.21	3,711.21	19.43	127.86	-170.89	1,517.02	-1,697.41	3,017.10	2,871.73	145.37	20.754		
3,900.00	3,812.52	3,808.52	3,808.52	19.95	131.25	-170.96	1,517.02	-1,697.41	3,039.85	2,890.62	149.23	20.370		
4,000.00	3,909.83	3,905.83	3,905.83	20.48	134.65	-171.03	1,517.02	-1,697.41	3,062.60	2,909.51	153.09	20.006		
4,100.00	4,007.15	4,003.15	4,003.15	21.01	138.04	-171.09	1,517.02	-1,697.41	3,085.36	2,928.41	156.94	19.659		
4,200.00	4,104.46	4,100.46	4,100.46	21.53	141.44	-171.16	1,517.02	-1,697.41	3,108.12	2,947.32	160.80	19.329		
4,300.00	4,201.78	4,202.22	4,197.78	22.06	144.99	-171.23	1,517.02	-1,697.41	3,130.88	2,966.07	164.82	18.996		
4,400.00	4,299.09	4,304.91	4,295.09	22.59	148.58	-171.29	1,517.02	-1,697.41	3,153.65	2,984.79	168.86	18.676		
4,500.00	4,396.40	4,407.60	4,392.40	23.12	152.16	-171.35	1,517.02	-1,697.41	3,176.42	3,003.51	172.91	18.370		
4,600.00	4,493.72	4,489.72	4,489.72	23.65	155.03	-171.41	1,517.02	-1,697.41	3,199.20	3,022.96	176.24	18.153		
4,700.00	4,591.03	4,587.03	4,587.03	24.18	158.42	-171.47	1,517.02	-1,697.41	3,221.98	3,041.88	180.10	17.890		
4,800.00	4,688.34	4,684.34	4,684.34	24.71	161.82	-171.54	1,517.02	-1,697.41	3,244.76	3,060.80	183.96	17.638		
4,900.00	4,785.66	4,781.66	4,781.66	25.24	165.22	-171.59	1,517.02	-1,697.41	3,267.55	3,079.73	187.82	17.397		
5,000.00	4,882.97	4,878.97	4,878.97	25.77	168.61	-171.65	1,517.02	-1,697.41	3,290.34	3,098.66	191.68	17.166		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	4,976.29	4,976.29	26.30	172.01	-171.71	1,517.02	-1,697.41	3,313.13	3,117.59	195.54	16.943		
5,200.00	5,077.60	5,073.60	5,073.60	26.83	175.40	-171.77	1,517.02	-1,697.41	3,335.92	3,136.52	199.40	16.730		
5,300.00	5,174.91	5,170.91	5,170.91	27.36	178.80	-171.82	1,517.02	-1,697.41	3,358.72	3,155.46	203.26	16.524		
5,400.00	5,272.23	5,268.23	5,268.23	27.89	182.20	-171.88	1,517.02	-1,697.41	3,381.53	3,174.40	207.13	16.326		
5,500.00	5,369.54	5,365.54	5,365.54	28.42	185.59	-171.93	1,517.02	-1,697.41	3,404.33	3,193.34	210.99	16.135		
5,600.00	5,466.86	5,462.86	5,462.86	28.95	188.99	-171.99	1,517.02	-1,697.41	3,427.14	3,212.29	214.85	15.951		
5,700.00	5,564.17	5,560.17	5,560.17	29.48	192.39	-172.04	1,517.02	-1,697.41	3,449.95	3,231.23	218.71	15.774		
5,800.00	5,661.48	5,657.48	5,657.48	30.01	195.79	-172.09	1,517.02	-1,697.41	3,472.76	3,250.18	222.58	15.603		
5,900.00	5,758.80	5,754.80	5,754.80	30.54	199.18	-172.15	1,517.02	-1,697.41	3,495.58	3,269.14	226.44	15.437		
6,000.00	5,856.11	5,852.11	5,852.11	31.07	202.58	-172.20	1,517.02	-1,697.41	3,518.40	3,288.09	230.30	15.277		
6,100.00	5,953.43	5,949.43	5,949.43	31.61	205.98	-172.25	1,517.02	-1,697.41	3,541.22	3,307.05	234.17	15.123		
6,200.00	6,050.74	6,046.74	6,046.74	32.14	209.37	-172.30	1,517.02	-1,697.41	3,564.04	3,326.01	238.03	14.973		
6,300.00	6,148.05	6,144.05	6,144.05	32.67	212.77	-172.35	1,517.02	-1,697.41	3,586.87	3,344.97	241.89	14.828		
6,400.00	6,245.37	6,241.37	6,241.37	33.20	216.17	-172.40	1,517.02	-1,697.41	3,609.70	3,363.94	245.76	14.688		
6,500.00	6,342.68	6,338.68	6,338.68	33.73	219.56	-172.44	1,517.02	-1,697.41	3,632.53	3,382.91	249.62	14.552		
6,520.81	6,362.93	6,358.93	6,358.93	33.85	220.27	-172.45	1,517.02	-1,697.41	3,637.28	3,386.85	250.42	14.524		
6,550.00	6,391.46	6,387.46	6,387.46	34.00	221.27	-179.12	1,517.02	-1,697.41	3,643.41	3,391.86	251.55	14.484		
6,600.00	6,440.79	6,436.79	6,436.79	34.23	222.99	161.56	1,517.02	-1,697.41	3,651.42	3,397.93	253.50	14.404		
6,650.00	6,490.44	6,486.44	6,486.44	34.43	224.72	126.18	1,517.02	-1,697.41	3,656.25	3,400.81	255.44	14.314		
6,700.00	6,540.10	6,536.10	6,536.10	34.60	226.45	90.03	1,517.02	-1,697.41	3,657.86	3,400.50	257.36	14.213		
6,750.00	6,589.46	6,585.46	6,585.46	34.76	228.18	70.37	1,517.02	-1,697.41	3,656.26	3,397.00	259.26	14.103		
6,800.00	6,638.22	6,634.22	6,634.22	34.92	229.88	60.71	1,517.02	-1,697.41	3,651.47	3,390.36	261.11	13.984		
6,850.00	6,686.09	6,682.09	6,682.09	35.07	231.55	55.61	1,517.02	-1,697.41	3,643.54	3,380.61	262.93	13.858		
6,900.00	6,732.75	6,728.75	6,728.75	35.24	233.18	52.84	1,517.02	-1,697.41	3,632.54	3,367.85	264.69	13.724		
6,950.00	6,777.94	6,773.94	6,773.94	35.42	234.76	51.45	1,517.02	-1,697.41	3,618.56	3,352.18	266.38	13.584		
7,000.00	6,821.36	6,817.36	6,817.36	35.61	236.27	51.00	1,517.02	-1,697.41	3,601.72	3,333.70	268.01	13.439		
7,050.00	6,862.75	6,858.75	6,858.75	35.83	237.72	51.24	1,517.02	-1,697.41	3,582.14	3,312.57	269.56	13.289		
7,100.00	6,901.85	6,902.15	6,902.15	36.06	239.23	52.07	1,517.02	-1,697.41	3,559.97	3,288.79	271.18	13.128		
7,150.00	6,938.43	6,934.43	6,934.43	36.32	240.36	53.42	1,517.02	-1,697.41	3,535.40	3,262.98	272.42	12.978		
7,200.00	6,972.26	6,968.26	6,968.26	36.61	241.54	55.25	1,517.02	-1,697.41	3,508.60	3,234.89	273.71	12.818		
7,250.00	7,003.13	7,000.87	6,999.13	36.93	242.68	57.54	1,517.02	-1,697.41	3,479.77	3,204.79	274.98	12.654		
7,300.00	7,030.85	7,026.85	7,026.85	37.29	243.58	60.29	1,517.02	-1,697.41	3,449.12	3,173.08	276.04	12.495		
7,350.00	7,055.25	7,051.25	7,051.25	37.68	244.44	63.49	1,517.02	-1,697.41	3,416.88	3,139.81	277.07	12.332		
7,400.00	7,076.17	7,072.17	7,072.17	38.12	245.17	67.11	1,517.02	-1,697.41	3,383.27	3,105.27	278.00	12.170		
7,450.00	7,093.50	7,089.50	7,089.50	38.60	245.77	71.13	1,517.02	-1,697.41	3,348.53	3,069.68	278.85	12.008		
7,500.00	7,107.11	7,103.11	7,103.11	39.11	246.25	75.50	1,517.02	-1,697.41	3,312.89	3,033.29	279.60	11.849		
7,550.00	7,116.94	7,112.94	7,112.94	39.66	246.59	80.13	1,517.02	-1,697.41	3,276.61	2,996.35	280.26	11.691		
7,600.00	7,122.91	7,118.91	7,118.91	40.24	246.80	84.95	1,517.02	-1,697.41	3,239.91	2,959.09	280.82	11.537		
7,650.18	7,125.00	7,121.00	7,121.00	40.85	246.87	89.85	1,517.02	-1,697.41	3,202.91	2,921.63	281.29	11.387		
7,700.00	7,125.12	7,121.12	7,121.12	41.48	246.87	89.85	1,517.02	-1,697.41	3,166.35	2,884.63	281.72	11.239		
7,800.00	7,125.36	7,121.36	7,121.36	42.88	246.88	89.86	1,517.02	-1,697.41	3,094.07	2,811.35	282.72	10.944		
7,900.00	7,125.60	7,121.60	7,121.60	44.42	246.89	89.87	1,517.02	-1,697.41	3,023.37	2,739.47	283.89	10.650		
8,000.00	7,125.84	7,121.84	7,121.84	46.10	246.90	89.87	1,517.02	-1,697.41	2,954.36	2,669.11	285.25	10.357		
8,100.00	7,126.08	7,122.08	7,122.08	47.89	246.91	89.88	1,517.02	-1,697.41	2,887.17	2,600.38	286.79	10.067		
8,200.00	7,126.32	7,122.32	7,122.32	49.79	246.92	89.88	1,517.02	-1,697.41	2,821.92	2,533.40	288.52	9.781		
8,300.00	7,126.56	7,122.56	7,122.56	51.79	246.93	89.89	1,517.02	-1,697.41	2,758.76	2,468.32	290.44	9.499		
8,400.00	7,126.80	7,122.80	7,122.80	53.86	246.93	89.90	1,517.02	-1,697.41	2,697.82	2,405.28	292.54	9.222		
8,500.00	7,127.04	7,123.04	7,123.04	56.00	246.94	89.90	1,517.02	-1,697.41	2,639.27	2,344.45	294.81	8.952		
8,600.00	7,127.28	7,123.28	7,123.28	58.21	246.95	89.91	1,517.02	-1,697.41	2,583.26	2,286.00	297.26	8.690		
8,689.38	7,127.49	7,123.49	7,123.49	60.24	246.96	89.92	1,517.02	-1,697.41	2,535.49	2,235.90	299.59	8.463		
8,700.00	7,127.52	7,123.52	7,123.52	60.48	246.96	89.92	1,517.02	-1,697.41	2,529.98	2,230.11	299.87	8.437		
8,800.00	7,127.76	7,123.76	7,123.76	62.79	246.97	89.93	1,517.02	-1,697.41	2,481.44	2,178.78	302.66	8.199		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,123.85	7,123.85	63.74	246.97	89.93	1,517.02	-1,697.41	2,463.30	2,159.45	303.85	8.107		
8,900.00	7,128.00	7,124.00	7,124.00	65.12	246.98	89.94	1,517.02	-1,697.41	2,438.64	2,133.03	305.61	7.980		
9,000.00	7,128.23	7,124.23	7,124.23	67.50	246.98	89.94	1,517.02	-1,697.41	2,399.52	2,090.85	308.68	7.774		
9,100.00	7,128.47	7,124.47	7,124.47	69.91	246.99	89.95	1,517.02	-1,697.41	2,363.99	2,052.17	311.83	7.581		
9,200.00	7,128.71	7,124.71	7,124.71	72.35	247.00	89.96	1,517.02	-1,697.41	2,332.21	2,017.17	315.04	7.403		
9,300.00	7,128.95	7,124.95	7,124.95	74.83	247.01	89.96	1,517.02	-1,697.41	2,304.33	1,986.04	318.30	7.240		
9,400.00	7,129.19	7,125.19	7,125.19	77.33	247.02	89.97	1,517.02	-1,697.41	2,280.51	1,958.94	321.56	7.092		
9,500.00	7,129.43	7,125.43	7,125.43	79.86	247.03	89.98	1,517.02	-1,697.41	2,260.85	1,936.04	324.81	6.961		
9,600.00	7,129.67	7,125.67	7,125.67	82.41	247.03	89.98	1,517.02	-1,697.41	2,245.48	1,917.47	328.01	6.846		
9,700.00	7,129.91	7,125.91	7,125.91	84.97	247.04	89.99	1,517.02	-1,697.41	2,234.49	1,903.35	331.14	6.748		
9,800.00	7,130.15	7,126.15	7,126.15	87.56	247.05	89.99	1,517.02	-1,697.41	2,227.93	1,893.76	334.17	6.667		
9,896.27	7,130.38	7,126.38	7,126.38	90.06	247.06	90.00	1,517.02	-1,697.41	2,225.85	1,888.88	336.97	6.605 CC		
9,900.00	7,130.39	7,126.39	7,126.39	90.16	247.06	90.00	1,517.02	-1,697.41	2,225.86	1,888.78	337.08	6.603		
10,000.00	7,130.63	7,126.63	7,126.63	92.78	247.07	90.01	1,517.02	-1,697.41	2,228.27	1,888.43	339.84	6.557 ES		
10,100.00	7,130.87	7,126.87	7,126.87	95.41	247.08	90.01	1,517.02	-1,697.41	2,235.16	1,892.72	342.44	6.527		
10,200.00	7,131.11	7,127.11	7,127.11	98.06	247.08	90.02	1,517.02	-1,697.41	2,246.48	1,901.62	344.86	6.514 SF		
10,300.00	7,131.35	7,127.35	7,127.35	100.71	247.09	90.02	1,517.02	-1,697.41	2,262.17	1,915.09	347.09	6.518		
10,400.00	7,131.59	7,127.59	7,127.59	103.38	247.10	90.03	1,517.02	-1,697.41	2,282.14	1,933.02	349.12	6.537		
10,500.00	7,131.83	7,127.83	7,127.83	106.06	247.11	90.04	1,517.02	-1,697.41	2,306.28	1,955.33	350.95	6.572		
10,600.00	7,132.07	7,128.07	7,128.07	108.74	247.12	90.04	1,517.02	-1,697.41	2,334.45	1,981.87	352.58	6.621		
10,700.00	7,132.31	7,128.31	7,128.31	111.44	247.13	90.05	1,517.02	-1,697.41	2,366.52	2,012.50	354.02	6.685		
10,800.00	7,132.55	7,128.55	7,128.55	114.14	247.13	90.06	1,517.02	-1,697.41	2,402.32	2,047.06	355.26	6.762		
10,900.00	7,132.79	7,128.79	7,128.79	116.85	247.14	90.06	1,517.02	-1,697.41	2,441.70	2,085.37	356.33	6.852		
11,000.00	7,133.03	7,129.03	7,129.03	119.57	247.15	90.07	1,517.02	-1,697.41	2,484.48	2,127.26	357.22	6.955		
11,100.00	7,133.27	7,129.27	7,129.27	122.29	247.16	90.07	1,517.02	-1,697.41	2,530.49	2,172.53	357.96	7.069		
11,200.00	7,133.51	7,129.51	7,129.51	125.02	247.17	90.08	1,517.02	-1,697.41	2,579.56	2,221.01	358.56	7.194		
11,300.00	7,133.74	7,129.74	7,129.74	127.76	247.18	90.09	1,517.02	-1,697.41	2,631.52	2,272.50	359.01	7.330		
11,400.00	7,133.98	7,129.98	7,129.98	130.50	247.18	90.09	1,517.02	-1,697.41	2,686.19	2,326.84	359.35	7.475		
11,500.00	7,134.22	7,130.22	7,130.22	133.24	247.19	90.10	1,517.02	-1,697.41	2,743.42	2,383.84	359.58	7.629		
11,600.00	7,134.46	7,130.46	7,130.46	135.99	247.20	90.11	1,517.02	-1,697.41	2,803.05	2,443.34	359.72	7.792		
11,700.00	7,134.70	7,130.70	7,130.70	138.75	247.21	90.11	1,517.02	-1,697.41	2,864.94	2,505.17	359.77	7.963		
11,800.00	7,134.94	7,130.94	7,130.94	141.51	247.22	90.12	1,517.02	-1,697.41	2,928.92	2,569.19	359.74	8.142		
11,900.00	7,135.18	7,131.18	7,131.18	144.27	247.23	90.12	1,517.02	-1,697.41	2,994.89	2,635.24	359.65	8.327		
12,000.00	7,135.42	7,131.42	7,131.42	147.03	247.23	90.13	1,517.02	-1,697.41	3,062.69	2,703.19	359.50	8.519		
12,100.00	7,135.66	7,131.66	7,131.66	149.80	247.24	90.14	1,517.02	-1,697.41	3,132.23	2,772.92	359.30	8.718		
12,200.00	7,135.90	7,131.90	7,131.90	152.58	247.25	90.14	1,517.02	-1,697.41	3,203.37	2,844.31	359.06	8.921		
12,300.00	7,136.14	7,132.14	7,132.14	155.35	247.26	90.15	1,517.02	-1,697.41	3,276.02	2,917.23	358.79	9.131		
12,400.00	7,136.38	7,132.38	7,132.38	158.13	247.27	90.15	1,517.02	-1,697.41	3,350.08	2,991.60	358.49	9.345		
12,500.00	7,136.62	7,132.62	7,132.62	160.91	247.28	90.16	1,517.02	-1,697.41	3,425.46	3,067.30	358.16	9.564		
12,600.00	7,136.86	7,132.86	7,132.86	163.70	247.28	90.17	1,517.02	-1,697.41	3,502.08	3,144.26	357.81	9.787		
12,700.00	7,137.10	7,133.10	7,133.10	166.48	247.29	90.17	1,517.02	-1,697.41	3,579.85	3,222.39	357.45	10.015		
12,800.00	7,137.34	7,133.34	7,133.34	169.27	247.30	90.18	1,517.02	-1,697.41	3,658.69	3,301.62	357.08	10.246		
12,900.00	7,137.58	7,133.58	7,133.58	172.06	247.31	90.19	1,517.02	-1,697.41	3,738.55	3,381.86	356.69	10.481		
13,000.00	7,137.82	7,133.82	7,133.82	174.86	247.32	90.19	1,517.02	-1,697.41	3,819.36	3,463.06	356.30	10.719		
13,100.00	7,138.06	7,134.06	7,134.06	177.65	247.33	90.20	1,517.02	-1,697.41	3,901.06	3,545.15	355.90	10.961		
13,200.00	7,138.30	7,134.30	7,134.30	180.45	247.34	90.20	1,517.02	-1,697.41	3,983.59	3,628.09	355.51	11.205		
13,300.00	7,138.54	7,134.54	7,134.54	183.25	247.34	90.21	1,517.02	-1,697.41	4,066.91	3,711.80	355.11	11.453		
13,400.00	7,138.78	7,134.78	7,134.78	186.05	247.35	90.22	1,517.02	-1,697.41	4,150.96	3,796.25	354.71	11.702		
13,500.00	7,139.02	7,135.02	7,135.02	188.85	247.36	90.22	1,517.02	-1,697.41	4,235.71	3,881.40	354.31	11.955		
13,600.00	7,139.25	7,135.25	7,135.25	191.65	247.37	90.23	1,517.02	-1,697.41	4,321.11	3,967.19	353.92	12.209		
13,700.00	7,139.49	7,135.49	7,135.49	194.46	247.38	90.23	1,517.02	-1,697.41	4,407.12	4,053.59	353.53	12.466		
13,800.00	7,139.73	7,135.73	7,135.73	197.27	247.39	90.24	1,517.02	-1,697.41	4,493.71	4,140.57	353.14	12.725		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,900.00	7,139.97	7,135.97	7,135.97	200.08	247.39	90.25	1,517.02	-1,697.41	4,580.85	4,228.09	352.76	12.986		
14,000.00	7,140.21	7,136.21	7,136.21	202.89	247.40	90.25	1,517.02	-1,697.41	4,668.51	4,316.12	352.39	13.248		
14,100.00	7,140.45	7,136.45	7,136.45	205.70	247.41	90.26	1,517.02	-1,697.41	4,756.65	4,404.63	352.02	13.512		
14,200.00	7,140.69	7,136.69	7,136.69	208.51	247.42	90.27	1,517.02	-1,697.41	4,845.25	4,493.59	351.66	13.778		
14,300.00	7,140.93	7,136.93	7,136.93	211.32	247.43	90.27	1,517.02	-1,697.41	4,934.29	4,582.99	351.30	14.046		
14,400.00	7,141.17	7,137.17	7,137.17	214.14	247.44	90.28	1,517.02	-1,697.41	5,023.74	4,672.78	350.95	14.315		
14,500.00	7,141.41	7,137.41	7,137.41	216.95	247.44	90.28	1,517.02	-1,697.41	5,113.58	4,762.97	350.61	14.585		
14,600.00	7,141.65	7,137.65	7,137.65	219.77	247.45	90.29	1,517.02	-1,697.41	5,203.79	4,853.51	350.27	14.856		
14,700.00	7,141.89	7,137.89	7,137.89	222.59	247.46	90.30	1,517.02	-1,697.41	5,294.35	4,944.40	349.95	15.129		
14,800.00	7,142.13	7,138.13	7,138.13	225.41	247.47	90.30	1,517.02	-1,697.41	5,385.25	5,035.62	349.63	15.403		
14,900.00	7,142.37	7,138.37	7,138.37	228.23	247.48	90.31	1,517.02	-1,697.41	5,476.46	5,127.15	349.31	15.678		
15,000.00	7,142.61	7,138.61	7,138.61	231.05	247.49	90.31	1,517.02	-1,697.41	5,567.98	5,218.97	349.01	15.954		
15,100.00	7,142.85	7,138.85	7,138.85	233.87	247.49	90.32	1,517.02	-1,697.41	5,659.78	5,311.07	348.71	16.231		
15,200.00	7,143.09	7,139.09	7,139.09	236.69	247.50	90.33	1,517.02	-1,697.41	5,751.86	5,403.44	348.41	16.509		
15,300.00	7,143.33	7,139.33	7,139.33	239.52	247.51	90.33	1,517.02	-1,697.41	5,844.19	5,496.06	348.13	16.787		
15,400.00	7,143.57	7,139.57	7,139.57	242.34	247.52	90.34	1,517.02	-1,697.41	5,936.78	5,588.93	347.85	17.067		
15,500.00	7,143.81	7,139.81	7,139.81	245.17	247.53	90.35	1,517.02	-1,697.41	6,029.60	5,682.02	347.58	17.347		
15,600.00	7,144.05	7,140.05	7,140.05	247.99	247.54	90.35	1,517.02	-1,697.41	6,122.65	5,775.33	347.32	17.628		
15,700.00	7,144.29	7,140.29	7,140.29	250.82	247.54	90.36	1,517.02	-1,697.41	6,215.91	5,868.85	347.06	17.910		
15,800.00	7,144.53	7,140.53	7,140.53	253.64	247.55	90.36	1,517.02	-1,697.41	6,309.38	5,962.57	346.81	18.193		
15,900.00	7,144.76	7,140.76	7,140.76	256.47	247.56	90.37	1,517.02	-1,697.41	6,403.05	6,056.49	346.56	18.476		
16,000.00	7,145.00	7,141.00	7,141.00	259.30	247.57	90.38	1,517.02	-1,697.41	6,496.90	6,150.58	346.32	18.760		
16,100.00	7,145.24	7,141.24	7,141.24	262.13	247.58	90.38	1,517.02	-1,697.41	6,590.94	6,244.85	346.09	19.044		
16,200.00	7,145.48	7,141.48	7,141.48	264.96	247.59	90.39	1,517.02	-1,697.41	6,685.15	6,339.29	345.86	19.329		
16,300.00	7,145.72	7,141.72	7,141.72	267.79	247.59	90.39	1,517.02	-1,697.41	6,779.53	6,433.88	345.64	19.614		
16,400.00	7,145.96	7,141.96	7,141.96	270.62	247.60	90.40	1,517.02	-1,697.41	6,874.06	6,528.63	345.43	19.900		
16,500.00	7,146.20	7,142.20	7,142.20	273.45	247.61	90.41	1,517.02	-1,697.41	6,968.75	6,623.53	345.22	20.186		
16,600.00	7,146.44	7,142.44	7,142.44	276.28	247.62	90.41	1,517.02	-1,697.41	7,063.58	6,718.56	345.02	20.473		
16,700.00	7,146.68	7,142.68	7,142.68	279.12	247.63	90.42	1,517.02	-1,697.41	7,158.56	6,813.74	344.82	20.760		
16,800.00	7,146.92	7,142.92	7,142.92	281.95	247.64	90.43	1,517.02	-1,697.41	7,253.67	6,909.04	344.63	21.048		
16,900.00	7,147.16	7,143.16	7,143.16	284.78	247.64	90.43	1,517.02	-1,697.41	7,348.91	7,004.47	344.44	21.336		
17,000.00	7,147.40	7,143.40	7,143.40	287.62	247.65	90.44	1,517.02	-1,697.41	7,444.27	7,100.01	344.26	21.624		
17,100.00	7,147.64	7,143.64	7,143.64	290.45	247.66	90.44	1,517.02	-1,697.41	7,539.75	7,195.67	344.08	21.913		
17,200.00	7,147.88	7,143.88	7,143.88	293.28	247.67	90.45	1,517.02	-1,697.41	7,635.35	7,291.45	343.91	22.202		
17,300.00	7,148.12	7,144.12	7,144.12	296.12	247.68	90.46	1,517.02	-1,697.41	7,731.06	7,387.32	343.74	22.491		
17,400.00	7,148.36	7,144.36	7,144.36	298.95	247.69	90.46	1,517.02	-1,697.41	7,826.88	7,483.31	343.58	22.781		
17,500.00	7,148.60	7,144.60	7,144.60	301.79	247.69	90.47	1,517.02	-1,697.41	7,922.81	7,579.39	343.42	23.070		
17,600.00	7,148.84	7,144.84	7,144.84	304.63	247.70	90.48	1,517.02	-1,697.41	8,018.83	7,675.56	343.27	23.360		
17,700.00	7,149.08	7,145.08	7,145.08	307.46	247.71	90.48	1,517.02	-1,697.41	8,114.94	7,771.83	343.12	23.651		
17,800.00	7,149.32	7,145.32	7,145.32	310.30	247.72	90.49	1,517.02	-1,697.41	8,211.15	7,868.18	342.97	23.941		
17,900.00	7,149.56	7,145.56	7,145.56	313.14	247.73	90.49	1,517.02	-1,697.41	8,307.45	7,964.62	342.83	24.232		
18,000.00	7,149.80	7,145.80	7,145.80	315.98	247.74	90.50	1,517.02	-1,697.41	8,403.84	8,061.15	342.69	24.523		
18,100.00	7,150.04	7,146.04	7,146.04	318.81	247.74	90.51	1,517.02	-1,697.41	8,500.31	8,157.75	342.56	24.814		
18,200.00	7,150.27	7,146.27	7,146.27	321.65	247.75	90.51	1,517.02	-1,697.41	8,596.86	8,254.43	342.43	25.105		
18,300.00	7,150.51	7,146.51	7,146.51	324.49	247.76	90.52	1,517.02	-1,697.41	8,693.49	8,351.18	342.31	25.397		
18,400.00	7,150.75	7,146.75	7,146.75	327.33	247.77	90.52	1,517.02	-1,697.41	8,790.19	8,448.01	342.18	25.688		
18,500.00	7,150.99	7,146.99	7,146.99	330.17	247.78	90.53	1,517.02	-1,697.41	8,886.97	8,544.90	342.07	25.980		
18,600.00	7,151.23	7,147.23	7,147.23	333.01	247.79	90.54	1,517.02	-1,697.41	8,983.82	8,641.86	341.95	26.272		
18,700.00	7,151.47	7,147.47	7,147.47	335.85	247.79	90.54	1,517.02	-1,697.41	9,080.73	8,738.89	341.84	26.564		
18,800.00	7,151.71	7,147.71	7,147.71	338.69	247.80	90.55	1,517.02	-1,697.41	9,177.71	8,835.98	341.73	26.856		
18,900.00	7,151.95	7,147.95	7,147.95	341.53	247.81	90.56	1,517.02	-1,697.41	9,274.76	8,933.13	341.63	27.149		
18,920.23	7,152.00	7,148.00	7,148.00	342.10	247.81	90.56	1,517.02	-1,697.41	9,294.40	8,952.79	341.61	27.208		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-106.45	-2,108.66	-7,143.00	7,447.75					
100.00	100.00	85.83	85.83	3.28	3.29	-106.45	-2,108.88	-7,142.96	7,447.77	7,441.20	6.57	1,133.582		
200.00	200.00	175.18	175.18	3.34	3.31	-106.45	-2,109.55	-7,142.86	7,447.87	7,441.23	6.65	1,120.375		
300.00	299.98	259.40	259.39	3.44	3.38	133.53	-2,110.39	-7,142.91	7,449.41	7,442.59	6.82	1,091.953		
400.00	399.84	357.62	357.61	3.60	3.51	133.49	-2,111.51	-7,142.98	7,453.41	7,446.30	7.11	1,049.013		
500.00	499.45	448.61	448.59	3.80	3.67	133.43	-2,112.15	-7,143.28	7,459.93	7,452.47	7.47	998.992		
600.00	598.70	551.94	551.92	4.04	3.89	133.37	-2,112.57	-7,143.71	7,468.85	7,460.91	7.94	941.200		
700.00	697.47	636.91	636.89	4.33	4.10	133.28	-2,113.18	-7,144.00	7,480.19	7,471.76	8.43	887.087		
800.00	795.62	707.80	707.77	4.65	4.30	133.14	-2,113.61	-7,144.51	7,494.25	7,485.30	8.95	837.688		
865.50	859.53	762.38	762.35	4.89	4.45	133.05	-2,113.86	-7,145.07	7,504.90	7,495.57	9.33	804.228		
900.00	893.10	791.23	791.20	5.02	4.54	133.09	-2,113.97	-7,145.40	7,510.82	7,501.28	9.54	787.107		
1,000.00	990.42	882.62	882.59	5.41	4.82	133.21	-2,114.52	-7,146.44	7,528.05	7,517.85	10.20	738.114		
1,100.00	1,087.73	972.31	972.26	5.83	5.12	133.32	-2,115.09	-7,147.53	7,545.41	7,534.52	10.89	693.112		
1,200.00	1,185.05	1,016.74	1,016.68	6.27	5.27	133.38	-2,115.04	-7,148.36	7,563.19	7,551.75	11.44	661.020		
1,300.00	1,282.36	1,061.00	1,060.93	6.72	5.42	133.44	-2,114.55	-7,149.61	7,581.67	7,569.66	12.01	631.224		
1,400.00	1,379.67	1,103.90	1,103.79	7.18	5.56	133.51	-2,113.71	-7,151.24	7,600.87	7,588.28	12.59	603.939		
1,500.00	1,476.99	1,153.00	1,152.81	7.65	5.73	133.59	-2,112.33	-7,153.61	7,620.81	7,607.62	13.19	577.735		
1,600.00	1,574.30	1,187.96	1,187.69	8.13	5.86	133.64	-2,111.05	-7,155.63	7,641.47	7,627.72	13.75	555.583		
1,700.00	1,671.61	1,248.00	1,247.51	8.62	6.07	133.75	-2,108.16	-7,159.77	7,662.91	7,648.49	14.41	531.612		
1,800.00	1,768.93	1,248.00	1,247.51	9.11	6.07	133.75	-2,108.16	-7,159.77	7,685.06	7,670.20	14.86	517.279		
1,900.00	1,866.24	1,295.95	1,295.21	9.60	6.25	133.84	-2,105.36	-7,163.78	7,707.97	7,692.49	15.48	497.867		
2,000.00	1,963.56	1,343.00	1,341.94	10.10	6.42	133.93	-2,102.34	-7,168.41	7,731.87	7,715.76	16.11	480.013		
2,100.00	2,060.87	1,363.86	1,362.62	10.61	6.50	133.97	-2,100.90	-7,170.66	7,756.48	7,739.85	16.63	466.310		
2,200.00	2,158.18	1,411.28	1,409.61	11.11	6.68	134.07	-2,097.35	-7,176.03	7,781.82	7,764.55	17.27	450.689		
2,300.00	2,255.50	1,469.74	1,467.43	11.62	6.92	134.19	-2,092.50	-7,183.12	7,807.76	7,789.81	17.95	434.975		
2,400.00	2,352.81	1,545.28	1,542.08	12.13	7.23	134.35	-2,085.89	-7,192.59	7,834.08	7,815.37	18.71	418.666		
2,500.00	2,450.13	1,636.35	1,632.06	12.65	7.62	134.54	-2,077.79	-7,204.12	7,860.59	7,841.03	19.55	402.051		
2,600.00	2,547.44	1,703.69	1,698.61	13.16	7.92	134.68	-2,072.17	-7,212.70	7,887.35	7,867.06	20.29	388.691		
2,700.00	2,644.75	1,837.52	1,831.00	13.68	8.52	134.95	-2,061.93	-7,229.35	7,914.09	7,892.74	21.34	370.799		
2,800.00	2,742.07	1,901.73	1,894.57	14.20	8.81	135.07	-2,057.46	-7,237.20	7,940.84	7,918.76	22.08	359.657		
2,900.00	2,839.38	2,034.17	2,025.81	14.71	9.42	135.32	-2,049.31	-7,253.05	7,967.61	7,944.47	23.14	344.349		
3,000.00	2,936.70	2,120.63	2,111.47	15.23	9.82	135.48	-2,043.63	-7,263.30	7,994.26	7,970.27	23.99	333.283		
3,100.00	3,034.01	2,200.48	2,190.51	15.76	10.20	135.63	-2,037.71	-7,273.02	8,021.11	7,996.30	24.81	323.330		
3,200.00	3,131.32	2,340.58	2,329.19	16.28	10.87	135.90	-2,027.10	-7,289.80	8,047.83	8,021.90	25.93	310.368		
3,300.00	3,228.64	2,486.97	2,474.15	16.80	11.58	136.18	-2,015.39	-7,306.59	8,074.08	8,046.99	27.09	298.038		
3,400.00	3,325.95	2,583.30	2,569.54	17.32	12.05	136.37	-2,007.45	-7,317.33	8,100.07	8,072.07	28.01	289.213		
3,500.00	3,423.26	2,666.28	2,651.72	17.85	12.45	136.52	-2,000.70	-7,326.60	8,126.18	8,097.32	28.86	281.586		
3,600.00	3,520.58	2,732.18	2,717.01	18.37	12.77	136.65	-1,995.63	-7,334.05	8,152.57	8,122.94	29.62	275.208		
3,700.00	3,617.89	2,796.35	2,780.55	18.90	13.09	136.77	-1,990.73	-7,341.53	8,179.35	8,148.97	30.38	269.242		
3,800.00	3,715.21	2,862.00	2,845.52	19.43	13.42	136.89	-1,985.59	-7,349.44	8,206.55	8,175.41	31.14	263.515		
3,900.00	3,812.52	2,942.03	2,924.67	19.95	13.82	137.04	-1,979.13	-7,359.32	8,234.05	8,202.07	31.98	257.455		
4,000.00	3,909.83	3,072.37	3,053.65	20.48	14.48	137.28	-1,969.09	-7,375.14	8,261.49	8,228.40	33.09	249.703		
4,100.00	4,007.15	3,146.00	3,126.55	21.01	14.84	137.41	-1,963.44	-7,383.84	8,288.76	8,254.87	33.89	244.573		
4,200.00	4,104.46	3,212.93	3,192.79	21.53	15.18	137.53	-1,958.24	-7,391.95	8,316.37	8,281.70	34.66	239.927		
4,300.00	4,201.78	3,300.00	3,296.14	22.06	20.70	137.72	-1,950.76	-7,404.77	8,344.24	8,304.01	40.23	207.426		
4,400.00	4,299.09	3,395.77	3,372.40	22.59	17.08	138.18	-1,933.91	-7,434.92	8,370.91	8,333.42	37.50	223.249		
4,500.00	4,396.40	3,707.03	3,682.79	23.12	17.63	138.37	-1,925.59	-7,445.99	8,396.71	8,358.21	38.50	218.101		
4,600.00	4,493.72	3,803.27	3,778.28	23.65	18.11	138.54	-1,918.08	-7,455.46	8,422.42	8,383.00	39.43	213.623		
4,700.00	4,591.03	3,939.48	3,913.39	24.18	18.78	138.78	-1,906.60	-7,468.36	8,447.67	8,407.10	40.57	208.238		
4,800.00	4,688.34	4,002.00	3,975.35	24.71	19.09	138.89	-1,900.99	-7,474.52	8,473.31	8,431.99	41.32	205.060		
4,900.00	4,785.66	4,040.75	4,013.72	25.24	19.29	138.96	-1,897.48	-7,478.55	8,499.46	8,457.51	41.95	202.621		
5,000.00	4,882.97	4,097.00	4,069.40	25.77	19.58	139.06	-1,892.23	-7,484.64	8,526.13	8,483.46	42.67	199.835		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	4,233.33	4,204.30	26.30	20.27	139.31	-1,879.10	-7,499.26	8,552.70	8,508.87	43.82	195.169		
5,200.00	5,077.60	4,325.72	4,295.86	26.83	20.74	139.47	-1,871.37	-7,508.88	8,579.27	8,534.53	44.73	191.786		
5,300.00	5,174.91	4,426.05	4,395.40	27.36	21.24	139.63	-1,863.93	-7,519.09	8,605.81	8,560.13	45.68	188.381		
5,400.00	5,272.23	4,516.57	4,584.78	27.89	22.16	139.92	-1,853.17	-7,536.74	8,631.74	8,584.64	47.10	183.280		
5,500.00	5,369.54	5,221.29	5,188.24	28.42	24.82	140.63	-1,841.58	-7,570.10	8,656.08	8,605.63	50.45	171.594		
5,600.00	5,466.86	5,320.05	5,286.97	28.95	25.22	140.74	-1,840.84	-7,572.14	8,676.00	8,624.66	51.34	168.976		
5,700.00	5,564.17	5,421.48	5,388.39	29.48	25.64	140.84	-1,840.33	-7,574.20	8,695.95	8,643.70	52.26	166.409		
5,800.00	5,661.48	5,544.09	5,510.98	30.01	26.14	140.97	-1,840.20	-7,576.34	8,715.71	8,662.44	53.26	163.640		
5,900.00	5,758.80	5,628.86	5,595.74	30.54	26.48	141.05	-1,840.46	-7,577.75	8,735.46	8,681.37	54.09	161.487		
6,000.00	5,856.11	5,720.48	5,687.34	31.07	26.85	141.14	-1,840.40	-7,579.41	8,755.34	8,700.38	54.96	159.305		
6,100.00	5,953.43	5,826.45	5,793.30	31.61	27.28	141.24	-1,840.25	-7,581.32	8,775.22	8,719.33	55.89	157.000		
6,200.00	6,050.74	5,923.53	5,890.36	32.14	27.68	141.34	-1,840.03	-7,582.99	8,795.04	8,738.26	56.79	154.879		
6,300.00	6,148.05	6,003.68	5,970.49	32.67	28.01	141.42	-1,839.98	-7,584.47	8,815.02	8,757.42	57.60	153.034		
6,400.00	6,245.37	6,400.00	6,124.49	33.20	29.61	141.56	-1,840.48	-7,586.86	8,834.79	8,775.04	59.75	147.855		
6,500.00	6,342.68	6,268.47	6,235.26	33.73	29.08	141.66	-1,841.04	-7,587.93	8,854.02	8,794.31	59.70	148.300		
6,520.81	6,362.93	6,284.45	6,251.23	33.85	29.14	141.68	-1,841.12	-7,588.10	8,858.05	8,798.18	59.87	147.957		
6,550.00	6,391.46	6,322.54	6,289.32	34.00	29.29	135.46	-1,841.34	-7,588.49	8,863.04	8,802.87	60.17	147.302		
6,600.00	6,440.79	6,388.48	6,355.26	34.23	29.56	116.68	-1,841.76	-7,589.06	8,868.50	8,807.83	60.67	146.165		
6,650.00	6,490.44	6,441.69	6,408.45	34.43	29.76	81.56	-1,842.99	-7,589.35	8,870.05	8,808.95	61.09	145.190		
6,700.00	6,540.10	6,473.00	6,439.71	34.60	29.87	45.38	-1,844.70	-7,589.43	8,867.79	8,806.41	61.38	144.466		
6,750.00	6,589.46	6,502.08	6,468.67	34.76	29.98	25.43	-1,847.33	-7,589.44	8,861.79	8,800.15	61.63	143.779		
6,800.00	6,638.22	6,524.60	6,491.02	34.92	30.05	15.20	-1,850.13	-7,589.39	8,852.08	8,790.24	61.84	143.153		
6,850.00	6,686.09	6,537.00	6,503.28	35.07	30.10	9.26	-1,851.94	-7,589.36	8,838.77	8,776.79	61.98	142.606		
6,900.00	6,732.75	6,556.33	6,522.34	35.24	30.16	5.36	-1,855.18	-7,589.33	8,821.95	8,759.81	62.13	141.981		
6,950.00	6,777.94	6,569.00	6,534.79	35.42	30.20	2.54	-1,857.56	-7,589.33	8,801.72	8,739.47	62.25	141.396		
7,000.00	6,821.36	6,569.00	6,534.79	35.61	30.20	0.33	-1,857.56	-7,589.33	8,778.23	8,715.93	62.30	140.905		
7,050.00	6,862.75	6,600.00	6,565.05	35.83	30.30	-1.60	-1,864.26	-7,589.45	8,751.55	8,689.09	62.46	140.117		
7,100.00	6,901.85	6,600.00	6,565.05	36.06	30.30	-3.31	-1,864.26	-7,589.45	8,721.83	8,659.34	62.49	139.578		
7,150.00	6,938.43	6,600.00	6,565.05	36.32	30.30	-4.98	-1,864.26	-7,589.45	8,689.29	8,626.78	62.51	139.015		
7,200.00	6,972.26	6,613.40	6,578.04	36.61	30.34	-6.74	-1,867.55	-7,589.56	8,654.05	8,591.48	62.57	138.308		
7,250.00	7,003.13	6,619.82	6,584.24	36.93	30.36	-8.64	-1,869.20	-7,589.63	8,616.35	8,553.74	62.60	137.636		
7,300.00	7,030.85	6,632.00	6,595.97	37.29	30.40	-10.87	-1,872.48	-7,589.80	8,576.38	8,513.72	62.65	136.885		
7,350.00	7,055.25	6,632.00	6,595.97	37.68	30.40	-13.50	-1,872.48	-7,589.80	8,534.33	8,471.68	62.66	136.211		
7,400.00	7,076.17	6,632.00	6,595.97	38.12	30.40	-16.84	-1,872.48	-7,589.80	8,490.49	8,427.83	62.66	135.509		
7,450.00	7,093.50	6,632.00	6,595.97	38.60	30.40	-21.27	-1,872.48	-7,589.80	8,445.09	8,382.43	62.66	134.778		
7,500.00	7,107.11	6,644.86	6,608.29	39.11	30.44	-27.64	-1,876.15	-7,590.00	8,398.35	8,335.64	62.72	133.909		
7,550.00	7,116.94	6,647.65	6,610.96	39.66	30.44	-36.83	-1,876.98	-7,590.04	8,350.60	8,287.86	62.74	133.098		
7,600.00	7,122.91	6,649.37	6,612.60	40.24	30.45	-50.67	-1,877.49	-7,590.07	8,302.10	8,239.34	62.77	132.269		
7,650.18	7,125.08	6,650.01	6,613.21	40.85	30.45	-70.63	-1,877.68	-7,590.08	8,252.97	8,190.18	62.80	131.420		
7,700.00	7,125.12	6,650.10	6,613.30	41.48	30.45	-70.64	-1,877.71	-7,590.09	8,204.07	8,141.24	62.83	130.569		
7,800.00	7,125.36	6,650.28	6,613.47	42.88	30.45	-70.64	-1,877.76	-7,590.09	8,105.95	8,043.03	62.91	128.849		
7,900.00	7,125.60	6,650.46	6,613.64	44.42	30.45	-70.65	-1,877.82	-7,590.09	8,007.87	7,944.87	63.00	127.107		
8,000.00	7,125.84	6,650.64	6,613.81	46.10	30.45	-70.65	-1,877.87	-7,590.09	7,909.84	7,846.73	63.11	125.344		
8,100.00	7,126.08	6,650.82	6,613.98	47.89	30.45	-70.66	-1,877.92	-7,590.10	7,811.86	7,748.63	63.22	123.559		
8,200.00	7,126.32	6,651.00	6,614.15	49.79	30.45	-70.67	-1,877.98	-7,590.10	7,713.93	7,650.57	63.36	121.752		
8,300.00	7,126.56	6,651.18	6,614.33	51.79	30.46	-70.67	-1,878.03	-7,590.10	7,616.05	7,552.54	63.51	119.924		
8,400.00	7,126.80	6,651.36	6,614.50	53.86	30.46	-70.68	-1,878.09	-7,590.11	7,518.23	7,454.56	63.67	118.073		
8,500.00	7,127.04	6,651.54	6,614.67	56.00	30.46	-70.69	-1,878.14	-7,590.11	7,420.47	7,356.61	63.86	116.201		
8,600.00	7,127.28	6,651.73	6,614.85	58.21	30.46	-70.69	-1,878.20	-7,590.11	7,322.77	7,258.71	64.06	114.307		
8,689.38	7,127.49	6,651.89	6,615.00	60.24	30.46	-70.70	-1,878.25	-7,590.12	7,235.49	7,171.23	64.26	112.595		
8,700.00	7,127.52	6,651.91	6,615.02	60.48	30.46	-70.38	-1,878.25	-7,590.12	7,225.13	7,160.84	64.29	112.391		
8,800.00	7,127.76	6,652.28	6,615.38	62.79	30.46	-66.81	-1,878.37	-7,590.12	7,127.14	7,062.64	64.50	110.491		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	6,652.52	6,615.60	63.74	30.46	-64.97	-1,878.44	-7,590.13	7,086.74	7,022.15	64.59	109.723		
8,900.00	7,128.00	6,652.90	6,615.97	65.12	30.46	-64.99	-1,878.56	-7,590.13	7,028.70	6,964.00	64.70	108.628		
9,000.00	7,128.23	6,653.56	6,616.59	67.50	30.46	-65.02	-1,878.75	-7,590.14	6,930.26	6,865.35	64.91	106.760		
9,100.00	7,128.47	6,664.00	6,626.51	69.91	30.49	-65.51	-1,882.01	-7,590.33	6,831.89	6,766.69	65.19	104.793		
9,200.00	7,128.71	6,664.00	6,626.51	72.35	30.49	-65.51	-1,882.01	-7,590.33	6,733.53	6,668.10	65.43	102.906		
9,300.00	7,128.95	6,664.00	6,626.51	74.83	30.49	-65.51	-1,882.01	-7,590.33	6,635.23	6,569.54	65.69	101.007		
9,400.00	7,129.19	6,664.00	6,626.51	77.33	30.49	-65.51	-1,882.01	-7,590.33	6,536.97	6,471.01	65.97	99.096		
9,500.00	7,129.43	6,664.00	6,626.51	79.86	30.49	-65.51	-1,882.01	-7,590.33	6,438.77	6,372.51	66.26	97.174		
9,600.00	7,129.67	6,664.00	6,626.51	82.41	30.49	-65.51	-1,882.01	-7,590.33	6,340.63	6,274.05	66.57	95.241		
9,700.00	7,129.91	6,664.00	6,626.51	84.97	30.49	-65.51	-1,882.01	-7,590.33	6,242.54	6,175.63	66.91	93.298		
9,800.00	7,130.15	6,664.00	6,626.51	87.56	30.49	-65.51	-1,882.01	-7,590.33	6,144.52	6,077.25	67.27	91.344		
9,900.00	7,130.39	6,664.00	6,626.51	90.16	30.49	-65.51	-1,882.01	-7,590.33	6,046.56	5,978.91	67.65	89.381		
10,000.00	7,130.63	6,664.00	6,626.51	92.78	30.49	-65.51	-1,882.01	-7,590.33	5,948.67	5,880.62	68.06	87.409		
10,100.00	7,130.87	6,664.00	6,626.51	95.41	30.49	-65.51	-1,882.01	-7,590.33	5,850.85	5,782.37	68.49	85.428		
10,200.00	7,131.11	6,664.00	6,626.51	98.06	30.49	-65.51	-1,882.01	-7,590.33	5,753.11	5,684.16	68.95	83.440		
10,300.00	7,131.35	6,664.00	6,626.51	100.71	30.49	-65.51	-1,882.01	-7,590.33	5,655.45	5,586.01	69.44	81.444		
10,400.00	7,131.59	6,664.00	6,626.51	103.38	30.49	-65.51	-1,882.01	-7,590.33	5,557.86	5,487.90	69.96	79.443		
10,500.00	7,131.83	6,664.00	6,626.51	106.06	30.49	-65.51	-1,882.01	-7,590.33	5,460.37	5,389.85	70.51	77.437		
10,600.00	7,132.07	6,664.00	6,626.51	108.74	30.49	-65.51	-1,882.01	-7,590.33	5,362.97	5,291.86	71.10	75.426		
10,700.00	7,132.31	6,664.00	6,626.51	111.44	30.49	-65.51	-1,882.01	-7,590.33	5,265.66	5,193.93	71.73	73.412		
10,800.00	7,132.55	6,664.00	6,626.51	114.14	30.49	-65.51	-1,882.01	-7,590.33	5,168.46	5,096.07	72.39	71.397		
10,900.00	7,132.79	6,664.00	6,626.51	116.85	30.49	-65.51	-1,882.01	-7,590.33	5,071.37	4,998.27	73.09	69.380		
11,000.00	7,133.03	6,664.00	6,626.51	119.57	30.49	-65.51	-1,882.01	-7,590.33	4,974.39	4,900.55	73.84	67.365		
11,100.00	7,133.27	6,664.00	6,626.51	122.29	30.49	-65.51	-1,882.01	-7,590.33	4,877.53	4,802.90	74.64	65.351		
11,200.00	7,133.51	6,664.00	6,626.51	125.02	30.49	-65.51	-1,882.01	-7,590.33	4,780.81	4,705.33	75.48	63.340		
11,300.00	7,133.74	6,664.00	6,626.51	127.76	30.49	-65.51	-1,882.01	-7,590.33	4,684.22	4,607.85	76.37	61.334		
11,400.00	7,133.98	6,664.00	6,626.51	130.50	30.49	-65.51	-1,882.01	-7,590.33	4,587.77	4,510.45	77.32	59.335		
11,500.00	7,134.22	6,664.00	6,626.51	133.24	30.49	-65.51	-1,882.01	-7,590.33	4,491.49	4,413.16	78.33	57.344		
11,600.00	7,134.46	6,673.44	6,635.44	135.99	30.52	-65.95	-1,885.08	-7,590.50	4,395.34	4,315.83	79.51	55.283		
11,700.00	7,134.70	6,674.30	6,636.25	138.75	30.52	-65.99	-1,885.36	-7,590.52	4,299.39	4,218.73	80.65	53.306		
11,800.00	7,134.94	6,675.16	6,637.06	141.51	30.52	-66.03	-1,885.65	-7,590.54	4,203.63	4,121.75	81.87	51.344		
11,900.00	7,135.18	6,676.03	6,637.88	144.27	30.53	-66.07	-1,885.94	-7,590.55	4,108.06	4,024.90	83.17	49.396		
12,000.00	7,135.42	6,676.89	6,638.69	147.03	30.53	-66.11	-1,886.23	-7,590.57	4,012.72	3,928.18	84.54	47.466		
12,100.00	7,135.66	6,677.75	6,639.50	149.80	30.53	-66.15	-1,886.52	-7,590.58	3,917.61	3,831.61	86.00	45.555		
12,200.00	7,135.90	6,678.61	6,640.31	152.58	30.53	-66.19	-1,886.81	-7,590.60	3,822.74	3,735.20	87.55	43.665		
12,300.00	7,136.14	6,679.47	6,641.12	155.35	30.54	-66.23	-1,887.10	-7,590.61	3,728.15	3,638.95	89.19	41.799		
12,400.00	7,136.38	6,680.33	6,641.92	158.13	30.54	-66.27	-1,887.39	-7,590.63	3,633.84	3,542.89	90.94	39.958		
12,500.00	7,136.62	6,681.19	6,642.73	160.91	30.54	-66.31	-1,887.69	-7,590.65	3,539.84	3,447.04	92.80	38.144		
12,600.00	7,136.86	6,682.05	6,643.54	163.70	30.54	-66.35	-1,887.98	-7,590.66	3,446.18	3,351.40	94.78	36.359		
12,700.00	7,137.10	6,682.90	6,644.34	166.48	30.55	-66.39	-1,888.28	-7,590.68	3,352.89	3,256.00	96.89	34.605		
12,800.00	7,137.34	6,683.76	6,645.15	169.27	30.55	-66.43	-1,888.57	-7,590.69	3,259.99	3,160.86	99.13	32.885		
12,900.00	7,137.58	6,684.62	6,645.95	172.06	30.55	-66.47	-1,888.87	-7,590.71	3,167.53	3,066.01	101.52	31.200		
13,000.00	7,137.82	6,685.47	6,646.75	174.86	30.55	-66.51	-1,889.17	-7,590.72	3,075.54	2,971.47	104.07	29.553		
13,100.00	7,138.06	6,695.00	6,655.66	177.65	30.58	-66.95	-1,892.55	-7,590.89	2,984.09	2,877.11	106.98	27.893		
13,200.00	7,138.30	6,695.00	6,655.66	180.45	30.58	-66.95	-1,892.55	-7,590.89	2,893.17	2,783.30	109.87	26.333		
13,300.00	7,138.54	6,695.00	6,655.66	183.25	30.58	-66.95	-1,892.55	-7,590.89	2,802.87	2,689.92	112.95	24.815		
13,400.00	7,138.78	6,695.00	6,655.66	186.05	30.58	-66.95	-1,892.55	-7,590.89	2,713.25	2,597.01	116.24	23.341		
13,500.00	7,139.02	6,695.00	6,655.66	188.85	30.58	-66.95	-1,892.55	-7,590.89	2,624.38	2,504.62	119.76	21.914		
13,600.00	7,139.25	6,695.00	6,655.66	191.65	30.58	-66.95	-1,892.55	-7,590.89	2,536.34	2,412.82	123.52	20.534		
13,700.00	7,139.49	6,695.00	6,655.66	194.46	30.58	-66.95	-1,892.55	-7,590.89	2,449.21	2,321.68	127.54	19.204		
13,800.00	7,139.73	6,695.00	6,655.66	197.27	30.58	-66.95	-1,892.55	-7,590.89	2,363.11	2,231.27	131.84	17.925		
13,900.00	7,139.97	6,695.00	6,655.66	200.08	30.58	-66.95	-1,892.55	-7,590.89	2,278.14	2,141.70	136.43	16.698		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,140.21	6,695.00	6,655.66	202.89	30.58	-66.95	-1,892.55	-7,590.89	2,194.44	2,053.08	141.35	15.525		
14,100.00	7,140.45	6,695.00	6,655.66	205.70	30.58	-66.95	-1,892.55	-7,590.89	2,112.15	1,965.54	146.61	14.407		
14,200.00	7,140.69	6,695.00	6,655.66	208.51	30.58	-66.95	-1,892.55	-7,590.89	2,031.46	1,879.23	152.23	13.345		
14,300.00	7,140.93	6,695.00	6,655.66	211.32	30.58	-66.95	-1,892.55	-7,590.89	1,952.55	1,794.34	158.22	12.341		
14,400.00	7,141.17	6,695.00	6,655.66	214.14	30.58	-66.95	-1,892.55	-7,590.89	1,875.66	1,711.06	164.60	11.396		
14,500.00	7,141.41	6,695.00	6,655.66	216.95	30.58	-66.95	-1,892.55	-7,590.89	1,801.04	1,629.67	171.37	10.510		
14,600.00	7,141.65	6,695.00	6,655.66	219.77	30.58	-66.95	-1,892.55	-7,590.89	1,728.98	1,550.44	178.54	9.684		
14,700.00	7,141.89	6,695.00	6,655.66	222.59	30.58	-66.95	-1,892.55	-7,590.89	1,659.82	1,473.74	186.08	8.920		
14,800.00	7,142.13	6,695.00	6,655.66	225.41	30.58	-66.95	-1,892.55	-7,590.89	1,593.94	1,399.97	193.97	8.217		
14,900.00	7,142.37	6,695.00	6,655.66	228.23	30.58	-66.95	-1,892.55	-7,590.89	1,531.76	1,329.60	202.16	7.577		
15,000.00	7,142.61	6,695.00	6,655.66	231.05	30.58	-66.95	-1,892.55	-7,590.89	1,473.74	1,263.20	210.55	7.000		
15,100.00	7,142.85	6,695.00	6,655.66	233.87	30.58	-66.95	-1,892.55	-7,590.89	1,420.40	1,201.38	219.03	6.485		
15,200.00	7,143.09	6,695.00	6,655.66	236.69	30.58	-66.95	-1,892.55	-7,590.89	1,372.29	1,144.85	227.44	6.034		
15,300.00	7,143.33	6,704.60	6,664.59	239.52	30.61	-67.40	-1,896.08	-7,591.07	1,329.87	1,093.60	236.27	5.629		
15,400.00	7,143.57	6,705.44	6,665.36	242.34	30.61	-67.44	-1,896.39	-7,591.08	1,293.89	1,049.86	244.03	5.302		
15,500.00	7,143.81	6,706.28	6,666.13	245.17	30.61	-67.48	-1,896.71	-7,591.10	1,264.80	1,013.74	251.06	5.038		
15,600.00	7,144.05	6,707.12	6,666.91	247.99	30.61	-67.52	-1,897.03	-7,591.11	1,243.10	986.01	257.10	4.835		
15,700.00	7,144.29	6,707.96	6,667.70	250.82	30.62	-67.56	-1,897.35	-7,591.13	1,229.18	967.27	261.91	4.693		
15,800.00	7,144.53	6,708.81	6,668.48	253.64	30.62	-67.60	-1,897.67	-7,591.14	1,223.30	957.97	265.33	4.611		
15,822.15	7,144.58	6,709.00	6,668.65	254.27	30.62	-67.61	-1,897.74	-7,591.15	1,223.10	957.22	265.88	4.600 CC, ES		
15,900.00	7,144.76	6,709.66	6,669.27	256.47	30.62	-67.64	-1,897.99	-7,591.16	1,225.57	958.34	267.23	4.586 SF		
16,000.00	7,145.00	6,710.52	6,670.06	259.30	30.62	-67.68	-1,898.32	-7,591.17	1,235.96	968.35	267.60	4.619		
16,100.00	7,145.24	6,711.38	6,670.85	262.13	30.62	-67.72	-1,898.65	-7,591.19	1,254.25	987.73	266.52	4.706		
16,200.00	7,145.48	6,712.24	6,671.65	264.96	30.63	-67.76	-1,898.98	-7,591.21	1,280.12	1,015.99	264.13	4.847		
16,300.00	7,145.72	6,713.10	6,672.44	267.79	30.63	-67.80	-1,899.32	-7,591.22	1,313.11	1,052.49	260.61	5.039		
16,400.00	7,145.96	6,713.97	6,673.25	270.62	30.63	-67.84	-1,899.65	-7,591.24	1,352.70	1,096.49	256.21	5.280		
16,500.00	7,146.20	6,714.85	6,674.05	273.45	30.63	-67.88	-1,899.99	-7,591.26	1,398.34	1,147.19	251.14	5.568		
16,600.00	7,146.44	6,715.73	6,674.86	276.28	30.64	-67.92	-1,900.34	-7,591.27	1,449.44	1,203.83	245.62	5.901		
16,700.00	7,146.68	6,716.61	6,675.67	279.12	30.64	-67.96	-1,900.68	-7,591.29	1,505.46	1,265.65	239.81	6.278		
16,800.00	7,146.92	6,717.49	6,676.48	281.95	30.64	-68.01	-1,901.03	-7,591.30	1,565.87	1,331.98	233.89	6.695		
16,900.00	7,147.16	6,727.00	6,685.20	284.78	30.67	-68.45	-1,904.83	-7,591.49	1,630.24	1,401.70	228.54	7.133		
17,000.00	7,147.40	6,727.00	6,685.20	287.62	30.67	-68.45	-1,904.83	-7,591.49	1,697.99	1,475.37	222.62	7.627		
17,100.00	7,147.64	6,727.00	6,685.20	290.45	30.67	-68.45	-1,904.83	-7,591.49	1,768.80	1,551.94	216.86	8.157		
17,200.00	7,147.88	6,727.00	6,685.20	293.28	30.67	-68.45	-1,904.83	-7,591.49	1,842.31	1,631.02	211.29	8.719		
17,300.00	7,148.12	6,727.00	6,685.20	296.12	30.67	-68.45	-1,904.83	-7,591.49	1,918.23	1,712.27	205.95	9.314		
17,400.00	7,148.36	6,727.00	6,685.20	298.95	30.67	-68.45	-1,904.83	-7,591.49	1,996.27	1,795.40	200.86	9.939		
17,500.00	7,148.60	6,727.00	6,685.20	301.79	30.67	-68.45	-1,904.83	-7,591.49	2,076.19	1,880.17	196.02	10.592		
17,600.00	7,148.84	6,727.00	6,685.20	304.63	30.67	-68.45	-1,904.83	-7,591.49	2,157.79	1,966.36	191.43	11.272		
17,700.00	7,149.08	6,727.00	6,685.20	307.46	30.67	-68.45	-1,904.83	-7,591.49	2,240.87	2,053.79	187.08	11.978		
17,800.00	7,149.32	6,727.00	6,685.20	310.30	30.67	-68.45	-1,904.83	-7,591.49	2,325.30	2,142.32	182.98	12.708		
17,900.00	7,149.56	6,727.00	6,685.20	313.14	30.67	-68.45	-1,904.83	-7,591.49	2,410.91	2,231.81	179.10	13.461		
18,000.00	7,149.80	6,727.00	6,685.20	315.98	30.67	-68.45	-1,904.83	-7,591.49	2,497.59	2,322.15	175.44	14.236		
18,100.00	7,150.04	6,727.00	6,685.20	318.81	30.67	-68.45	-1,904.83	-7,591.49	2,585.23	2,413.25	171.99	15.032		
18,200.00	7,150.27	6,727.00	6,685.20	321.65	30.67	-68.45	-1,904.83	-7,591.49	2,673.75	2,505.02	168.73	15.847		
18,300.00	7,150.51	6,727.00	6,685.20	324.49	30.67	-68.45	-1,904.83	-7,591.49	2,763.04	2,597.39	165.65	16.680		
18,400.00	7,150.75	6,727.00	6,685.20	327.33	30.67	-68.45	-1,904.83	-7,591.49	2,853.05	2,690.30	162.74	17.531		
18,500.00	7,150.99	6,727.00	6,685.20	330.17	30.67	-68.45	-1,904.83	-7,591.49	2,943.70	2,783.70	160.00	18.398		
18,600.00	7,151.23	6,727.00	6,685.20	333.01	30.67	-68.45	-1,904.83	-7,591.49	3,034.94	2,877.53	157.40	19.282		
18,700.00	7,151.47	6,727.00	6,685.20	335.85	30.67	-68.45	-1,904.83	-7,591.49	3,126.71	2,971.76	154.95	20.179		
18,800.00	7,151.71	6,727.00	6,685.20	338.69	30.67	-68.45	-1,904.83	-7,591.49	3,218.97	3,066.35	152.62	21.091		
18,900.00	7,151.95	6,727.00	6,685.20	341.53	30.67	-68.45	-1,904.83	-7,591.49	3,311.69	3,161.27	150.42	22.016		
18,920.23	7,152.00	6,727.00	6,685.20	342.10	30.67	-68.45	-1,904.83	-7,591.49	3,330.50	3,180.51	149.99	22.205		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-106.50	-2,107.21	-7,111.85	7,417.47					
100.00	100.00	113.04	113.04	3.28	3.29	-106.51	-2,107.40	-7,111.61	7,417.32	7,410.75	6.57	1,128.260		
200.00	200.00	203.91	203.90	3.34	3.33	-106.51	-2,107.88	-7,111.17	7,417.01	7,410.35	6.67	1,112.502		
206.96	206.96	209.37	209.37	3.34	3.33	133.49	-2,107.92	-7,111.15	7,417.01	7,410.33	6.68	1,110.867		
300.00	299.98	262.73	262.72	3.44	3.38	133.47	-2,108.42	-7,111.01	7,418.25	7,411.42	6.82	1,086.956		
400.00	399.84	306.37	306.36	3.60	3.43	133.42	-2,108.80	-7,111.23	7,422.60	7,415.57	7.03	1,055.759		
500.00	499.45	453.09	453.07	3.80	3.67	133.38	-2,110.26	-7,112.37	7,429.72	7,422.25	7.47	994.747		
600.00	598.70	581.41	581.38	4.04	3.96	133.33	-2,112.03	-7,112.14	7,438.32	7,430.32	8.00	929.869		
700.00	697.47	712.98	712.94	4.33	4.31	133.28	-2,113.53	-7,111.58	7,449.04	7,440.40	8.63	862.770		
800.00	795.62	795.68	795.63	4.65	4.55	133.17	-2,114.76	-7,111.07	7,462.05	7,452.85	9.20	811.148		
865.50	859.53	874.53	874.47	4.89	4.80	133.11	-2,115.95	-7,110.53	7,471.84	7,462.16	9.68	772.212		
900.00	893.10	937.73	937.66	5.02	5.00	133.19	-2,116.81	-7,109.95	7,477.18	7,467.17	10.01	747.164		
1,000.00	990.42	1,041.58	1,041.49	5.41	5.35	133.31	-2,117.96	-7,108.67	7,492.30	7,481.56	10.73	698.021		
1,100.00	1,087.73	1,124.27	1,124.18	5.83	5.64	133.41	-2,118.32	-7,107.95	7,507.61	7,496.19	11.42	657.562		
1,200.00	1,185.05	1,223.15	1,223.05	6.27	6.00	133.54	-2,118.63	-7,107.26	7,523.09	7,510.90	12.18	617.453		
1,300.00	1,282.36	1,308.74	1,308.64	6.72	6.31	133.64	-2,118.94	-7,106.63	7,538.58	7,525.66	12.92	583.272		
1,400.00	1,379.67	1,413.67	1,413.57	7.18	6.70	133.77	-2,119.32	-7,106.04	7,554.28	7,540.52	13.76	549.187		
1,500.00	1,476.99	1,518.40	1,518.30	7.65	7.10	133.90	-2,119.31	-7,105.32	7,569.78	7,555.18	14.60	518.543		
1,600.00	1,574.30	1,628.83	1,628.72	8.13	7.53	134.04	-2,119.28	-7,104.47	7,585.24	7,569.76	15.48	490.100		
1,700.00	1,671.61	1,705.23	1,705.13	8.62	7.82	134.14	-2,119.27	-7,103.91	7,600.76	7,584.53	16.23	468.235		
1,800.00	1,768.93	1,807.82	1,807.71	9.11	8.23	134.26	-2,119.51	-7,103.25	7,616.48	7,599.37	17.11	445.270		
1,900.00	1,866.24	1,866.29	1,866.18	9.60	8.46	134.34	-2,119.74	-7,102.91	7,632.35	7,614.55	17.80	428.850		
2,000.00	1,963.56	1,917.00	1,916.89	10.10	8.66	134.40	-2,119.60	-7,103.04	7,648.85	7,630.39	18.46	414.362		
2,100.00	2,060.87	1,974.69	1,974.57	10.61	8.87	134.48	-2,119.05	-7,103.63	7,665.93	7,646.78	19.14	400.448		
2,200.00	2,158.18	2,038.40	2,038.26	11.11	9.11	134.57	-2,117.90	-7,104.75	7,683.53	7,663.67	19.85	386.999		
2,300.00	2,255.50	2,115.94	2,115.74	11.62	9.41	134.68	-2,115.51	-7,106.63	7,701.50	7,680.87	20.62	373.427		
2,400.00	2,352.81	2,249.21	2,248.78	12.13	9.93	134.90	-2,108.57	-7,110.45	7,719.44	7,697.82	21.63	356.928		
2,500.00	2,450.13	2,385.41	2,384.61	12.65	10.46	135.15	-2,099.26	-7,114.09	7,736.86	7,714.21	22.66	341.505		
2,600.00	2,547.44	2,446.77	2,445.75	13.16	10.71	135.26	-2,094.49	-7,115.85	7,754.35	7,730.97	23.38	331.703		
2,700.00	2,644.75	2,526.41	2,525.07	13.68	11.03	135.41	-2,087.85	-7,118.63	7,772.33	7,748.15	24.18	321.436		
2,800.00	2,742.07	2,636.64	2,634.75	14.20	11.49	135.62	-2,077.63	-7,122.55	7,790.24	7,765.12	25.12	310.109		
2,900.00	2,839.38	2,717.09	2,714.73	14.71	11.82	135.78	-2,069.43	-7,125.58	7,808.25	7,782.32	25.94	301.033		
3,000.00	2,936.70	2,786.71	2,783.84	15.23	12.12	135.92	-2,061.64	-7,128.58	7,826.63	7,799.92	26.71	293.018		
3,100.00	3,034.01	2,857.43	2,854.01	15.76	12.42	136.07	-2,053.55	-7,131.89	7,845.40	7,817.91	27.49	285.382		
3,200.00	3,131.32	2,939.03	2,935.02	16.28	12.77	136.24	-2,044.52	-7,135.85	7,864.49	7,836.16	28.32	277.666		
3,300.00	3,228.64	3,001.54	2,997.11	16.80	13.05	136.36	-2,037.97	-7,138.93	7,883.89	7,854.82	29.07	271.211		
3,400.00	3,325.95	3,058.00	3,053.17	17.32	13.29	136.47	-2,032.03	-7,142.03	7,903.85	7,874.06	29.79	265.351		
3,500.00	3,423.26	3,140.24	3,134.82	17.85	13.65	136.64	-2,023.45	-7,146.79	7,924.21	7,893.58	30.63	258.732		
3,600.00	3,520.58	3,314.06	3,307.56	18.37	14.42	136.98	-2,006.37	-7,155.99	7,944.39	7,912.48	31.91	248.979		
3,700.00	3,617.89	3,420.69	3,413.54	18.90	14.90	137.18	-1,995.75	-7,160.84	7,963.84	7,930.97	32.87	242.265		
3,800.00	3,715.21	3,543.70	3,535.76	19.43	15.45	137.42	-1,982.97	-7,166.35	7,983.25	7,949.32	33.92	235.348		
3,900.00	3,812.52	3,619.73	3,611.30	19.95	15.80	137.57	-1,975.04	-7,169.70	8,002.67	7,967.93	34.74	230.334		
4,000.00	3,909.83	3,679.43	3,670.62	20.48	16.07	137.68	-1,968.88	-7,172.52	8,022.49	7,987.00	35.49	226.073		
4,100.00	4,007.15	3,746.88	3,737.62	21.01	16.38	137.81	-1,961.99	-7,176.01	8,042.80	8,006.54	36.27	221.770		
4,200.00	4,104.46	3,818.00	3,808.29	21.53	16.70	137.94	-1,954.88	-7,179.72	8,063.34	8,026.27	37.06	217.550		
4,300.00	4,201.78	3,886.38	3,876.19	22.06	17.02	138.08	-1,947.80	-7,183.55	8,084.25	8,046.40	37.85	213.586		
4,400.00	4,299.09	3,953.15	3,942.41	22.59	17.33	138.21	-1,940.34	-7,187.76	8,105.70	8,067.07	38.63	209.837		
4,500.00	4,396.40	4,039.97	4,028.48	23.12	17.74	138.38	-1,930.38	-7,193.44	8,127.43	8,087.92	39.51	205.693		
4,600.00	4,493.72	4,224.55	4,211.36	23.65	18.61	138.75	-1,908.26	-7,204.79	8,148.85	8,107.95	40.91	199.198		
4,700.00	4,591.03	4,306.97	4,293.12	24.18	19.00	138.91	-1,898.85	-7,209.34	8,169.82	8,128.05	41.77	195.576		
4,800.00	4,688.34	4,531.53	4,516.13	24.71	20.06	139.33	-1,874.74	-7,219.82	8,190.21	8,146.84	43.37	188.847		
4,900.00	4,785.66	4,670.58	4,654.32	25.24	20.71	139.59	-1,860.17	-7,224.87	8,209.78	8,165.26	44.52	184.390		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,882.97	4,746.27	4,729.64	25.77	21.06	139.72	-1,853.02	-7,227.28	8,229.12	8,183.77	45.35	181.455		
5,100.00	4,980.29	4,861.59	4,844.55	26.30	21.59	139.91	-1,844.02	-7,230.72	8,248.59	8,202.22	46.37	177.883		
5,200.00	5,077.60	4,931.15	4,913.94	26.83	21.90	140.01	-1,839.51	-7,232.64	8,268.09	8,220.94	47.16	175.335		
5,300.00	5,174.91	5,181.25	5,163.80	27.36	22.98	140.34	-1,830.24	-7,236.57	8,287.00	8,238.20	48.80	169.830		
5,400.00	5,272.23	5,243.00	5,225.55	27.89	23.24	140.41	-1,829.32	-7,236.82	8,305.12	8,255.59	49.53	167.676		
5,500.00	5,369.54	5,316.89	5,299.43	28.42	23.55	140.49	-1,828.52	-7,237.34	8,323.60	8,273.28	50.32	165.418		
5,600.00	5,466.86	5,376.52	5,359.05	28.95	23.79	140.56	-1,828.09	-7,237.96	8,342.49	8,291.45	51.04	163.458		
5,700.00	5,564.17	5,433.00	5,415.53	29.48	24.03	140.62	-1,827.86	-7,238.80	8,361.88	8,310.14	51.74	161.615		
5,800.00	5,661.48	5,485.91	5,468.43	30.01	24.25	140.67	-1,827.76	-7,239.85	8,381.78	8,329.36	52.42	159.893		
5,900.00	5,758.80	5,725.32	5,707.78	30.54	25.21	140.90	-1,831.03	-7,242.93	8,401.47	8,347.52	53.95	155.722		
6,000.00	5,856.11	5,828.47	5,810.91	31.07	25.61	140.99	-1,833.02	-7,243.12	8,419.99	8,365.13	54.86	153.489		
6,100.00	5,953.43	5,919.44	5,901.87	31.61	25.98	141.07	-1,834.29	-7,243.35	8,438.52	8,382.81	55.71	151.470		
6,200.00	6,050.74	5,999.88	5,982.30	32.14	26.30	141.14	-1,835.10	-7,243.71	8,457.22	8,400.70	56.52	149.637		
6,300.00	6,148.05	6,090.80	6,073.22	32.67	26.67	141.23	-1,835.87	-7,244.28	8,476.07	8,418.70	57.38	147.730		
6,400.00	6,245.37	6,179.73	6,162.15	33.20	27.03	141.31	-1,836.64	-7,244.90	8,495.03	8,436.80	58.22	145.903		
6,500.00	6,342.68	6,265.99	6,248.40	33.73	27.38	141.39	-1,837.42	-7,245.59	8,514.11	8,455.05	59.06	144.158		
6,520.81	6,362.93	6,283.84	6,266.24	33.85	27.46	141.41	-1,837.57	-7,245.76	8,518.10	8,458.87	59.23	143.803		
6,550.00	6,391.46	6,305.81	6,288.21	34.00	27.55	135.18	-1,837.73	-7,245.97	8,523.07	8,463.61	59.46	143.338		
6,600.00	6,440.79	6,342.70	6,325.10	34.23	27.70	116.38	-1,837.93	-7,246.37	8,528.61	8,468.77	59.83	142.538		
6,650.00	6,490.44	6,382.00	6,364.40	34.43	27.86	81.26	-1,838.03	-7,246.88	8,530.37	8,470.17	60.20	141.709		
6,700.00	6,540.10	6,443.66	6,426.05	34.60	28.12	45.12	-1,838.11	-7,247.66	8,528.24	8,467.60	60.64	140.640		
6,750.00	6,589.46	6,461.05	6,443.44	34.76	28.19	25.17	-1,838.22	-7,247.89	8,522.34	8,461.49	60.84	140.070		
6,800.00	6,638.22	6,477.00	6,459.39	34.92	28.25	14.96	-1,838.52	-7,248.14	8,512.81	8,451.79	61.02	139.507		
6,850.00	6,686.09	6,491.01	6,473.39	35.07	28.31	9.03	-1,838.98	-7,248.38	8,499.71	8,438.54	61.17	138.951		
6,900.00	6,732.75	6,509.00	6,491.35	35.24	28.38	5.14	-1,839.89	-7,248.74	8,483.13	8,421.80	61.32	138.332		
6,950.00	6,777.94	6,509.00	6,491.35	35.42	28.38	2.33	-1,839.89	-7,248.74	8,463.14	8,401.76	61.38	137.885		
7,000.00	6,821.36	6,525.40	6,507.71	35.61	28.44	0.11	-1,841.05	-7,249.13	8,439.86	8,378.36	61.50	137.242		
7,050.00	6,862.75	6,541.00	6,523.23	35.83	28.51	-1.78	-1,842.47	-7,249.55	8,413.43	8,351.83	61.60	136.583		
7,100.00	6,901.85	6,541.00	6,523.23	36.06	28.51	-3.49	-1,842.47	-7,249.55	8,383.97	8,322.35	61.62	136.061		
7,150.00	6,938.43	6,553.55	6,535.71	36.32	28.55	-5.17	-1,843.82	-7,249.94	8,351.65	8,289.96	61.69	135.384		
7,200.00	6,972.26	6,572.00	6,554.00	36.61	28.62	-6.93	-1,846.14	-7,250.56	8,316.66	8,254.88	61.78	134.618		
7,250.00	7,003.13	6,572.00	6,554.00	36.93	28.62	-8.81	-1,846.14	-7,250.56	8,279.13	8,217.36	61.78	134.011		
7,300.00	7,030.85	6,572.00	6,554.00	37.29	28.62	-10.98	-1,846.14	-7,250.56	8,239.34	8,177.57	61.78	133.375		
7,350.00	7,055.25	6,587.55	6,569.37	37.68	28.68	-13.65	-1,848.40	-7,251.13	8,197.46	8,135.61	61.84	132.551		
7,400.00	7,076.17	6,604.00	6,585.59	38.12	28.74	-17.07	-1,851.08	-7,251.75	8,153.76	8,091.85	61.92	131.688		
7,450.00	7,093.50	6,604.00	6,585.59	38.60	28.74	-21.48	-1,851.08	-7,251.75	8,108.45	8,046.54	61.92	130.959		
7,500.00	7,107.11	6,604.00	6,585.59	39.11	28.74	-27.62	-1,851.08	-7,251.75	8,061.83	7,999.92	61.92	130.200		
7,550.00	7,116.94	6,613.91	6,595.33	39.66	28.78	-36.74	-1,852.85	-7,252.13	8,014.16	7,952.19	61.97	129.314		
7,600.00	7,122.91	6,618.43	6,599.77	40.24	28.79	-50.31	-1,853.69	-7,252.30	7,965.73	7,903.71	62.01	128.452		
7,650.18	7,125.00	6,620.57	6,601.87	40.85	28.80	-69.79	-1,854.10	-7,252.38	7,916.64	7,854.59	62.05	127.584		
7,700.00	7,125.12	6,621.51	6,602.79	41.48	28.80	-69.83	-1,854.28	-7,252.41	7,867.78	7,805.69	62.09	126.719		
7,800.00	7,125.36	6,623.38	6,604.62	42.88	28.81	-69.89	-1,854.64	-7,252.48	7,769.74	7,707.56	62.17	124.970		
7,900.00	7,125.60	6,625.21	6,606.42	44.42	28.82	-69.96	-1,855.00	-7,252.55	7,671.74	7,609.47	62.27	123.200		
8,000.00	7,125.84	6,627.02	6,608.19	46.10	28.82	-70.03	-1,855.35	-7,252.62	7,573.80	7,511.42	62.38	121.409		
8,100.00	7,126.08	6,628.80	6,609.93	47.89	28.83	-70.09	-1,855.70	-7,252.68	7,475.91	7,413.40	62.51	119.596		
8,200.00	7,126.32	6,635.00	6,616.00	49.79	28.85	-70.32	-1,856.96	-7,252.91	7,378.08	7,315.41	62.68	117.718		
8,300.00	7,126.56	6,635.00	6,616.00	51.79	28.85	-70.32	-1,856.96	-7,252.91	7,280.31	7,217.48	62.83	115.878		
8,400.00	7,126.80	6,635.00	6,616.00	53.86	28.85	-70.32	-1,856.96	-7,252.91	7,182.59	7,119.60	63.00	114.015		
8,500.00	7,127.04	6,635.00	6,616.00	56.00	28.85	-70.32	-1,856.96	-7,252.91	7,084.94	7,021.76	63.19	112.130		
8,600.00	7,127.28	6,635.00	6,616.00	58.21	28.85	-70.32	-1,856.96	-7,252.91	6,987.36	6,923.97	63.39	110.223		
8,689.38	7,127.49	6,635.00	6,616.00	60.24	28.85	-70.32	-1,856.96	-7,252.91	6,900.19	6,836.60	63.60	108.499		
8,700.00	7,127.52	6,635.00	6,616.00	60.48	28.85	-70.00	-1,856.96	-7,252.91	6,889.84	6,826.22	63.62	108.294		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	6,640.91	6,621.77	62.79	28.87	-66.72	-1,858.20	-7,253.12	6,791.97	6,728.09	63.88	106.325		
8,841.07	7,127.85	6,641.80	6,622.64	63.74	28.87	-64.97	-1,858.39	-7,253.15	6,751.61	6,687.64	63.97	105.544		
8,900.00	7,128.00	6,643.12	6,623.93	65.12	28.88	-65.04	-1,858.68	-7,253.20	6,693.64	6,629.54	64.10	104.430		
9,000.00	7,128.23	6,645.35	6,626.11	67.50	28.89	-65.14	-1,859.16	-7,253.28	6,595.30	6,530.98	64.33	102.529		
9,100.00	7,128.47	6,647.56	6,628.27	69.91	28.89	-65.24	-1,859.64	-7,253.35	6,497.02	6,432.45	64.57	100.616		
9,200.00	7,128.71	6,649.75	6,630.40	72.35	28.90	-65.34	-1,860.13	-7,253.43	6,398.79	6,333.95	64.84	98.690		
9,300.00	7,128.95	6,651.92	6,632.51	74.83	28.91	-65.44	-1,860.62	-7,253.51	6,300.61	6,235.49	65.12	96.753		
9,400.00	7,129.19	6,654.07	6,634.61	77.33	28.92	-65.54	-1,861.10	-7,253.58	6,202.49	6,137.06	65.42	94.803		
9,500.00	7,129.43	6,656.20	6,636.68	79.86	28.92	-65.64	-1,861.59	-7,253.65	6,104.42	6,038.67	65.75	92.843		
9,600.00	7,129.67	6,658.31	6,638.73	82.41	28.93	-65.74	-1,862.08	-7,253.72	6,006.42	5,940.33	66.10	90.872		
9,700.00	7,129.91	6,660.41	6,640.76	84.97	28.94	-65.84	-1,862.56	-7,253.80	5,908.49	5,842.02	66.47	88.890		
9,800.00	7,130.15	6,662.00	6,642.17	87.56	28.96	-66.15	-1,864.13	-7,254.02	5,810.63	5,743.73	66.90	86.857		
9,900.00	7,130.39	6,667.00	6,647.17	90.16	28.96	-66.15	-1,864.13	-7,254.02	5,712.83	5,645.52	67.31	84.875		
10,000.00	7,130.63	6,667.00	6,647.17	92.78	28.96	-66.15	-1,864.13	-7,254.02	5,615.12	5,547.37	67.75	82.884		
10,100.00	7,130.87	6,667.00	6,647.17	95.41	28.96	-66.15	-1,864.13	-7,254.02	5,517.48	5,449.27	68.21	80.885		
10,200.00	7,131.11	6,667.00	6,647.17	98.06	28.96	-66.15	-1,864.13	-7,254.02	5,419.93	5,351.22	68.71	78.879		
10,300.00	7,131.35	6,667.00	6,647.17	100.71	28.96	-66.15	-1,864.13	-7,254.02	5,322.47	5,253.23	69.24	76.866		
10,400.00	7,131.59	6,667.00	6,647.17	103.38	28.96	-66.15	-1,864.13	-7,254.02	5,225.11	5,155.30	69.81	74.848		
10,500.00	7,131.83	6,675.46	6,655.36	106.06	28.99	-66.55	-1,866.21	-7,254.29	5,127.84	5,057.35	70.48	72.751		
10,600.00	7,132.07	6,677.21	6,657.05	108.74	29.00	-66.63	-1,866.65	-7,254.35	5,030.68	4,959.53	71.14	70.711		
10,700.00	7,132.31	6,678.95	6,658.74	111.44	29.00	-66.71	-1,867.09	-7,254.41	4,933.63	4,861.78	71.85	68.669		
10,800.00	7,132.55	6,680.68	6,660.41	114.14	29.01	-66.79	-1,867.54	-7,254.46	4,836.70	4,764.11	72.59	66.627		
10,900.00	7,132.79	6,682.41	6,662.08	116.85	29.01	-66.87	-1,867.98	-7,254.52	4,739.90	4,666.51	73.39	64.586		
11,000.00	7,133.03	6,684.13	6,663.74	119.57	29.02	-66.95	-1,868.43	-7,254.58	4,643.23	4,569.00	74.23	62.548		
11,100.00	7,133.27	6,685.84	6,665.39	122.29	29.02	-67.03	-1,868.87	-7,254.63	4,546.70	4,471.57	75.13	60.514		
11,200.00	7,133.51	6,687.55	6,667.03	125.02	29.03	-67.12	-1,869.32	-7,254.69	4,450.33	4,374.24	76.09	58.487		
11,300.00	7,133.74	6,689.24	6,668.67	127.76	29.04	-67.20	-1,869.77	-7,254.74	4,354.12	4,277.01	77.11	56.467		
11,400.00	7,133.98	6,690.94	6,670.30	130.50	29.04	-67.28	-1,870.22	-7,254.79	4,258.08	4,179.89	78.19	54.456		
11,500.00	7,134.22	6,692.00	6,671.09	133.24	29.07	-67.61	-1,872.14	-7,255.02	4,162.23	4,082.82	79.41	52.415		
11,600.00	7,134.46	6,693.00	6,672.09	135.99	29.07	-67.61	-1,872.14	-7,255.02	4,066.57	3,985.96	80.62	50.443		
11,700.00	7,134.70	6,694.00	6,673.09	138.75	29.07	-67.61	-1,872.14	-7,255.02	3,971.13	3,889.23	81.90	48.487		
11,800.00	7,134.94	6,695.00	6,674.09	141.51	29.07	-67.61	-1,872.14	-7,255.02	3,875.91	3,792.64	83.27	46.547		
11,900.00	7,135.18	6,696.00	6,675.09	144.27	29.07	-67.61	-1,872.14	-7,255.02	3,780.94	3,696.22	84.72	44.627		
12,000.00	7,135.42	6,697.00	6,676.09	147.03	29.07	-67.61	-1,872.14	-7,255.02	3,686.24	3,599.97	86.27	42.727		
12,100.00	7,135.66	6,698.00	6,677.09	149.80	29.07	-67.61	-1,872.14	-7,255.02	3,591.83	3,503.90	87.92	40.852		
12,200.00	7,135.90	6,699.00	6,678.09	152.58	29.07	-67.61	-1,872.14	-7,255.02	3,497.72	3,408.04	89.68	39.001		
12,300.00	7,136.14	6,700.00	6,679.09	155.35	29.09	-67.98	-1,874.32	-7,255.26	3,403.93	3,312.25	91.68	37.129		
12,400.00	7,136.38	6,701.00	6,680.09	158.13	29.10	-68.06	-1,874.78	-7,255.31	3,310.52	3,216.81	93.71	35.327		
12,500.00	7,136.62	6,702.00	6,681.09	160.91	29.10	-68.14	-1,875.25	-7,255.36	3,217.50	3,121.62	95.88	33.559		
12,600.00	7,136.86	6,703.00	6,682.09	163.70	29.11	-68.21	-1,875.71	-7,255.41	3,124.91	3,026.72	98.19	31.826		
12,700.00	7,137.10	6,704.00	6,683.09	166.48	29.11	-68.29	-1,876.18	-7,255.46	3,032.79	2,932.13	100.66	30.130		
12,800.00	7,137.34	6,705.00	6,684.09	169.27	29.12	-68.37	-1,876.65	-7,255.51	2,941.18	2,837.88	103.29	28.474		
12,900.00	7,137.58	6,706.00	6,685.09	172.06	29.12	-68.44	-1,877.12	-7,255.56	2,850.13	2,744.02	106.11	26.859		
13,000.00	7,137.82	6,707.00	6,686.09	174.86	29.13	-68.52	-1,877.59	-7,255.61	2,759.70	2,650.57	109.13	25.288		
13,100.00	7,138.06	6,708.00	6,687.09	177.65	29.13	-68.59	-1,878.06	-7,255.66	2,669.95	2,557.59	112.36	23.763		
13,200.00	7,138.30	6,709.00	6,688.09	180.45	29.14	-68.67	-1,878.54	-7,255.71	2,580.95	2,465.14	115.81	22.285		
13,300.00	7,138.54	6,710.00	6,689.09	183.25	29.14	-68.75	-1,879.01	-7,255.76	2,492.79	2,373.27	119.52	20.857		
13,400.00	7,138.78	6,711.00	6,690.09	186.05	29.17	-69.14	-1,881.50	-7,256.01	2,405.56	2,281.91	123.66	19.453		
13,500.00	7,139.02	6,712.00	6,691.09	188.85	29.17	-69.14	-1,881.50	-7,256.01	2,319.34	2,191.47	127.88	18.137		
13,600.00	7,139.26	6,713.00	6,692.09	191.65	29.17	-69.14	-1,881.50	-7,256.01	2,234.27	2,101.87	132.40	16.875		
13,700.00	7,139.49	6,714.00	6,693.09	194.46	29.17	-69.14	-1,881.50	-7,256.01	2,150.48	2,013.24	137.24	15.669		
13,800.00	7,139.73	6,715.00	6,694.09	197.27	29.17	-69.14	-1,881.50	-7,256.01	2,068.13	1,925.70	142.43	14.520		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	6,730.00	6,707.68	200.08	29.17	-69.14	-1,881.50	-7,256.01	1,987.40	1,839.42	147.98	13.430		
14,000.00	7,140.21	6,730.00	6,707.68	202.89	29.17	-69.14	-1,881.50	-7,256.01	1,908.50	1,754.58	153.92	12.399		
14,100.00	7,140.45	6,730.00	6,707.68	205.70	29.17	-69.14	-1,881.50	-7,256.01	1,831.66	1,671.41	160.25	11.430		
14,200.00	7,140.69	6,730.00	6,707.68	208.51	29.17	-69.14	-1,881.50	-7,256.01	1,757.16	1,590.17	166.99	10.523		
14,300.00	7,140.93	6,730.00	6,707.68	211.32	29.17	-69.14	-1,881.50	-7,256.01	1,685.29	1,511.17	174.13	9.679		
14,400.00	7,141.17	6,738.48	6,715.72	214.14	29.20	-69.54	-1,884.16	-7,256.27	1,616.36	1,434.33	182.03	8.880		
14,500.00	7,141.41	6,739.94	6,717.11	216.95	29.20	-69.61	-1,884.63	-7,256.31	1,550.86	1,360.86	190.00	8.162		
14,600.00	7,141.65	6,741.42	6,718.51	219.77	29.21	-69.68	-1,885.10	-7,256.36	1,489.20	1,290.92	198.27	7.511		
14,700.00	7,141.89	6,742.90	6,719.90	222.59	29.21	-69.75	-1,885.58	-7,256.40	1,431.86	1,225.10	206.76	6.925		
14,800.00	7,142.13	6,744.38	6,721.31	225.41	29.22	-69.82	-1,886.06	-7,256.45	1,379.40	1,164.06	215.34	6.406		
14,900.00	7,142.37	6,745.87	6,722.71	228.23	29.22	-69.89	-1,886.55	-7,256.49	1,332.38	1,108.55	223.83	5.953		
15,000.00	7,142.61	6,747.36	6,724.12	231.05	29.23	-69.97	-1,887.04	-7,256.54	1,291.40	1,059.36	232.04	5.565		
15,100.00	7,142.85	6,748.86	6,725.54	233.87	29.23	-70.04	-1,887.53	-7,256.59	1,257.06	1,017.34	239.72	5.244		
15,200.00	7,143.09	6,750.36	6,726.96	236.69	29.23	-70.11	-1,888.03	-7,256.63	1,229.90	983.30	246.61	4.987		
15,300.00	7,143.33	6,751.87	6,728.38	239.52	29.24	-70.18	-1,888.53	-7,256.68	1,210.42	957.99	252.43	4.795		
15,400.00	7,143.57	6,761.00	6,736.96	242.34	29.27	-70.62	-1,891.62	-7,256.97	1,199.04	941.54	257.50	4.657		
15,488.09	7,143.78	6,761.00	6,736.96	244.83	29.27	-70.62	-1,891.62	-7,256.97	1,195.80	935.60	260.20	4.596 CC		
15,500.00	7,143.81	6,761.00	6,736.96	245.17	29.27	-70.62	-1,891.62	-7,256.97	1,195.86	935.39	260.47	4.591 ES		
15,600.00	7,144.05	6,761.00	6,736.96	247.99	29.27	-70.62	-1,891.62	-7,256.97	1,201.02	939.14	261.88	4.586 SF		
15,700.00	7,144.29	6,761.00	6,736.96	250.82	29.27	-70.62	-1,891.62	-7,256.97	1,214.43	952.67	261.76	4.640		
15,800.00	7,144.53	6,761.00	6,736.96	253.64	29.27	-70.62	-1,891.62	-7,256.97	1,235.81	975.62	260.18	4.750		
15,900.00	7,144.76	6,761.00	6,736.96	256.47	29.27	-70.62	-1,891.62	-7,256.97	1,264.75	1,007.41	257.34	4.915		
16,000.00	7,145.00	6,761.00	6,736.96	259.30	29.27	-70.62	-1,891.62	-7,256.97	1,300.76	1,047.31	253.45	5.132		
16,100.00	7,145.24	6,761.00	6,736.96	262.13	29.27	-70.62	-1,891.62	-7,256.97	1,343.27	1,094.52	248.75	5.400		
16,200.00	7,145.48	6,761.00	6,736.96	264.96	29.27	-70.62	-1,891.62	-7,256.97	1,391.67	1,148.22	243.46	5.716		
16,300.00	7,145.72	6,761.00	6,736.96	267.79	29.27	-70.62	-1,891.62	-7,256.97	1,445.38	1,207.60	237.79	6.079		
16,400.00	7,145.96	6,761.00	6,736.96	270.62	29.27	-70.62	-1,891.62	-7,256.97	1,503.83	1,271.92	231.91	6.484		
16,500.00	7,146.20	6,761.00	6,736.96	273.45	29.27	-70.62	-1,891.62	-7,256.97	1,566.49	1,340.52	225.98	6.932		
16,600.00	7,146.44	6,770.93	6,746.26	276.28	29.30	-71.09	-1,895.09	-7,257.27	1,632.79	1,412.14	220.66	7.400		
16,700.00	7,146.68	6,772.26	6,747.50	279.12	29.30	-71.16	-1,895.56	-7,257.31	1,702.45	1,487.50	214.95	7.920		
16,800.00	7,146.92	6,773.56	6,748.72	281.95	29.31	-71.22	-1,896.03	-7,257.34	1,775.00	1,565.59	209.41	8.476		
16,900.00	7,147.16	6,774.85	6,749.92	284.78	29.31	-71.28	-1,896.49	-7,257.38	1,850.11	1,646.02	204.09	9.065		
17,000.00	7,147.40	6,776.12	6,751.10	287.62	29.32	-71.34	-1,896.95	-7,257.42	1,927.48	1,728.48	199.00	9.686		
17,100.00	7,147.64	6,777.37	6,752.27	290.45	29.32	-71.40	-1,897.40	-7,257.45	2,006.85	1,812.69	194.16	10.336		
17,200.00	7,147.88	6,778.60	6,753.41	293.28	29.32	-71.46	-1,897.84	-7,257.48	2,087.99	1,898.43	189.57	11.015		
17,300.00	7,148.12	6,779.81	6,754.54	296.12	29.33	-71.52	-1,898.28	-7,257.52	2,170.71	1,985.49	185.22	11.720		
17,400.00	7,148.36	6,781.00	6,755.65	298.95	29.33	-71.58	-1,898.72	-7,257.55	2,254.82	2,073.71	181.11	12.450		
17,500.00	7,148.60	6,782.18	6,756.75	301.79	29.33	-71.63	-1,899.15	-7,257.58	2,340.18	2,162.95	177.23	13.204		
17,600.00	7,148.84	6,783.34	6,757.83	304.63	29.34	-71.69	-1,899.58	-7,257.61	2,426.66	2,253.08	173.58	13.980		
17,700.00	7,149.08	6,793.00	6,766.78	307.46	29.37	-72.15	-1,903.18	-7,257.86	2,514.18	2,343.70	170.49	14.747		
17,800.00	7,149.32	6,793.00	6,766.78	310.30	29.37	-72.15	-1,903.18	-7,257.86	2,602.55	2,435.37	167.18	15.567		
17,900.00	7,149.56	6,793.00	6,766.78	313.14	29.37	-72.15	-1,903.18	-7,257.86	2,691.74	2,527.67	164.06	16.407		
18,000.00	7,149.80	6,793.00	6,766.78	315.98	29.37	-72.15	-1,903.18	-7,257.86	2,781.66	2,620.53	161.12	17.264		
18,100.00	7,150.04	6,793.00	6,766.78	318.81	29.37	-72.15	-1,903.18	-7,257.86	2,872.24	2,713.90	158.35	18.139		
18,200.00	7,150.27	6,793.00	6,766.78	321.65	29.37	-72.15	-1,903.18	-7,257.86	2,963.43	2,807.71	155.73	19.030		
18,300.00	7,150.51	6,793.00	6,766.78	324.49	29.37	-72.15	-1,903.18	-7,257.86	3,055.18	2,901.93	153.25	19.936		
18,400.00	7,150.75	6,793.00	6,766.78	327.33	29.37	-72.15	-1,903.18	-7,257.86	3,147.42	2,996.51	150.91	20.857		
18,500.00	7,150.99	6,793.00	6,766.78	330.17	29.37	-72.15	-1,903.18	-7,257.86	3,240.13	3,091.44	148.69	21.791		
18,600.00	7,151.23	6,793.00	6,766.78	333.01	29.37	-72.15	-1,903.18	-7,257.86	3,333.26	3,186.66	146.60	22.738		
18,700.00	7,151.47	6,793.00	6,766.78	335.85	29.37	-72.15	-1,903.18	-7,257.86	3,426.77	3,282.16	144.61	23.697		
18,800.00	7,151.71	6,793.00	6,766.78	338.69	29.37	-72.15	-1,903.18	-7,257.86	3,520.64	3,377.92	142.72	24.668		
18,900.00	7,151.95	6,793.00	6,766.78	341.53	29.37	-72.15	-1,903.18	-7,257.86	3,614.84	3,473.91	140.93	25.649		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Harvesters Resources #15M-423(PR) - OH - OH													<b>Offset Site Error:</b>	0.00 ft
Survey Program: 146-MWD													<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,920.23	7,152.00	6,793.00	6,766.78	342.10	29.37	-72.15	-1,903.18	-7,257.86	3,633.94	3,493.36	140.58	25.849		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	233.29	233.21	3.28	3.36	-106.59	-2,108.76	-7,079.60	7,390.99					
100.00	100.00	319.23	319.11	3.28	3.46	-106.59	-2,108.19	-7,076.90	7,387.79	7,381.05	6.74	1,095.454		
200.00	200.00	368.58	368.44	3.34	3.53	-106.59	-2,108.07	-7,075.48	7,385.00	7,378.13	6.87	1,075.473		
271.50	271.49	400.15	400.00	3.41	3.58	133.43	-2,107.58	-7,074.92	7,384.08	7,377.09	6.99	1,056.812		
300.00	299.98	422.00	421.84	3.44	3.62	133.43	-2,107.03	-7,074.70	7,384.18	7,377.12	7.06	1,045.857		
400.00	399.84	458.77	458.60	3.60	3.69	133.42	-2,106.11	-7,074.51	7,386.47	7,379.19	7.28	1,014.256		
500.00	499.45	513.00	512.82	3.80	3.81	133.37	-2,105.25	-7,074.47	7,391.91	7,384.31	7.60	972.989		
600.00	598.70	603.43	603.24	4.04	4.02	133.32	-2,104.63	-7,074.52	7,400.15	7,392.10	8.05	918.779		
700.00	697.47	768.18	767.98	4.33	4.47	133.33	-2,103.06	-7,073.50	7,409.95	7,401.16	8.79	842.751		
800.00	795.62	866.82	866.61	4.65	4.78	133.26	-2,101.76	-7,072.77	7,422.08	7,412.67	9.42	788.079		
865.50	859.53	914.70	914.49	4.89	4.93	133.19	-2,101.35	-7,072.40	7,431.39	7,421.59	9.80	758.145		
900.00	893.10	939.20	938.99	5.02	5.01	133.22	-2,101.12	-7,072.26	7,436.62	7,426.62	10.01	743.061		
1,000.00	990.42	1,078.40	1,078.17	5.41	5.49	133.42	-2,099.25	-7,071.51	7,451.81	7,440.95	10.86	686.221		
1,100.00	1,087.73	1,141.97	1,141.73	5.83	5.71	133.51	-2,098.10	-7,071.19	7,466.86	7,455.38	11.48	650.411		
1,200.00	1,185.05	1,199.47	1,199.22	6.27	5.92	133.59	-2,097.06	-7,071.11	7,482.34	7,470.24	12.10	618.501		
1,300.00	1,282.36	2,063.97	2,061.08	6.72	9.37	134.88	-2,060.62	-7,032.93	7,493.53	7,477.61	15.92	470.746		
1,400.00	1,379.67	2,107.00	2,103.80	7.18	9.56	134.95	-2,056.77	-7,029.50	7,499.79	7,483.25	16.54	453.394		
1,500.00	1,476.99	2,335.30	2,330.30	7.65	10.58	135.34	-2,037.02	-7,008.89	7,504.81	7,486.86	17.95	418.036		
1,600.00	1,574.30	2,393.00	2,387.57	8.13	10.85	135.43	-2,032.80	-7,003.34	7,510.11	7,491.45	18.66	402.515		
1,700.00	1,671.61	2,461.73	2,455.84	8.62	11.16	135.54	-2,027.96	-6,997.00	7,515.92	7,496.50	19.42	387.091		
1,800.00	1,768.93	2,610.54	2,603.59	9.11	11.84	135.78	-2,016.67	-6,983.41	7,521.81	7,501.29	20.52	366.505		
1,900.00	1,866.24	2,787.76	2,779.29	9.60	12.68	136.07	-2,001.79	-6,965.65	7,526.60	7,504.84	21.76	345.867		
2,000.00	1,963.56	2,896.38	2,886.98	10.10	13.19	136.24	-1,994.67	-6,953.43	7,530.77	7,508.06	22.71	331.626		
2,100.00	2,060.87	2,963.00	2,953.10	10.61	13.50	136.33	-1,990.71	-6,946.20	7,535.47	7,511.99	23.48	320.933		
2,200.00	2,158.18	2,963.00	2,953.10	11.11	13.50	136.33	-1,990.71	-6,946.20	7,540.92	7,516.95	23.97	314.614		
2,300.00	2,255.50	3,021.18	3,010.89	11.62	13.78	136.42	-1,987.20	-6,940.57	7,547.05	7,522.35	24.71	305.449		
2,400.00	2,352.81	3,215.47	3,203.97	12.13	14.69	136.71	-1,974.66	-6,922.90	7,553.92	7,527.88	26.04	290.088		
2,500.00	2,450.13	3,274.85	3,262.90	12.65	14.97	136.81	-1,970.40	-6,916.97	7,559.53	7,532.74	26.79	282.155		
2,600.00	2,547.44	3,308.35	3,296.18	13.16	15.13	136.86	-1,968.13	-6,913.92	7,566.00	7,538.57	27.43	275.813		
2,700.00	2,644.75	3,345.20	3,332.83	13.68	15.31	136.91	-1,965.79	-6,910.85	7,573.36	7,545.27	28.09	269.656		
2,800.00	2,742.07	3,525.03	3,511.64	14.20	16.15	137.19	-1,954.36	-6,895.56	7,580.65	7,551.28	29.37	258.121		
2,900.00	2,839.38	3,605.11	3,591.22	14.71	16.53	137.31	-1,949.02	-6,888.42	7,587.51	7,557.29	30.22	251.104		
3,000.00	2,936.70	4,020.53	4,003.14	15.23	18.56	137.94	-1,919.73	-6,843.71	7,592.73	7,560.20	32.53	233.396		
3,100.00	3,034.01	4,081.37	4,063.29	15.76	18.87	138.03	-1,914.52	-6,836.20	7,595.98	7,562.67	33.31	228.049		
3,200.00	3,131.32	4,127.77	4,109.17	16.28	19.10	138.11	-1,910.28	-6,830.77	7,599.83	7,565.81	34.02	223.376		
3,300.00	3,228.64	4,166.77	4,147.78	16.80	19.30	138.18	-1,906.73	-6,826.52	7,604.48	7,569.77	34.70	219.130		
3,400.00	3,325.95	4,197.00	4,177.73	17.32	19.45	138.23	-1,904.00	-6,823.43	7,609.95	7,574.60	35.34	215.319		
3,500.00	3,423.26	4,237.79	4,218.18	17.85	19.65	138.29	-1,900.41	-6,819.58	7,616.25	7,580.23	36.03	211.407		
3,600.00	3,520.58	4,292.00	4,272.01	18.37	19.92	138.38	-1,895.90	-6,815.06	7,623.54	7,586.77	36.77	207.332		
3,700.00	3,617.89	4,315.51	4,295.37	18.90	20.03	138.42	-1,893.99	-6,813.28	7,631.51	7,594.14	37.37	204.211		
3,800.00	3,715.21	4,387.00	4,366.43	19.43	20.37	138.54	-1,888.01	-6,808.13	7,640.14	7,601.95	38.19	200.058		
3,900.00	3,812.52	4,459.72	4,438.71	19.95	20.72	138.66	-1,881.83	-6,803.16	7,649.16	7,610.15	39.01	196.061		
4,000.00	3,909.83	4,606.92	4,584.98	20.48	21.42	138.91	-1,869.19	-6,792.51	7,657.79	7,617.61	40.19	190.563		
4,100.00	4,007.15	4,672.00	4,649.66	21.01	21.74	139.01	-1,863.60	-6,787.95	7,666.71	7,625.74	40.98	187.101		
4,200.00	4,104.46	4,200.00	4,747.76	21.53	19.48	139.17	-1,855.59	-6,780.95	7,675.77	7,636.43	39.34	195.124		
4,300.00	4,201.78	4,824.59	4,801.38	22.06	22.46	139.26	-1,851.54	-6,777.11	7,685.05	7,642.39	42.66	180.154		
4,400.00	4,299.09	4,878.10	4,854.64	22.59	22.72	139.34	-1,847.67	-6,773.74	7,695.10	7,651.71	43.39	177.345		
4,500.00	4,396.40	4,979.32	4,955.46	23.12	23.19	139.49	-1,841.33	-6,767.23	7,705.30	7,660.96	44.34	173.772		
4,600.00	4,493.72	5,037.93	5,013.89	23.65	23.46	139.57	-1,838.78	-6,763.45	7,715.87	7,670.78	45.09	171.121		
4,700.00	4,591.03	5,053.00	5,028.92	24.18	23.53	139.59	-1,838.30	-6,762.50	7,727.19	7,681.55	45.63	169.331		
4,800.00	4,688.34	5,093.58	5,069.42	24.71	23.70	139.64	-1,837.08	-6,760.28	7,739.31	7,693.02	46.29	167.193		
4,900.00	4,785.66	5,148.00	5,123.78	25.24	23.94	139.71	-1,835.42	-6,758.41	7,752.75	7,705.74	47.01	164.926		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,882.97	5,148.00	5,123.78	25.77	23.94	139.71	-1,835.42	-6,758.41	7,766.65	7,719.19	47.46	163.635		
5,100.00	4,980.29	5,190.16	5,165.91	26.30	24.12	139.77	-1,834.11	-6,757.50	7,781.65	7,733.53	48.12	161.730		
5,200.00	5,077.60	5,242.00	5,217.72	26.83	24.35	139.84	-1,832.44	-6,756.55	7,797.15	7,748.34	48.81	159.742		
5,300.00	5,174.91	5,242.00	5,217.72	27.36	24.35	139.84	-1,832.44	-6,756.55	7,813.65	7,764.40	49.25	158.660		
5,400.00	5,272.23	5,295.72	5,271.42	27.89	24.56	139.90	-1,831.36	-6,756.11	7,830.65	7,780.72	49.93	156.828		
5,500.00	5,369.54	5,337.00	5,312.70	28.42	24.72	139.95	-1,831.45	-6,756.37	7,848.88	7,798.33	50.55	155.260		
5,600.00	5,466.86	5,377.37	5,353.07	28.95	24.87	139.99	-1,831.91	-6,756.87	7,867.83	7,816.67	51.16	153.798		
5,700.00	5,564.17	5,506.82	5,482.51	29.48	25.34	140.12	-1,833.14	-6,758.12	7,886.78	7,834.60	52.17	151.170		
5,800.00	5,661.48	5,598.03	5,573.70	30.01	25.68	140.22	-1,833.84	-6,758.85	7,905.56	7,852.54	53.01	149.128		
5,900.00	5,758.80	5,672.76	5,648.43	30.54	25.95	140.30	-1,834.49	-6,759.58	7,924.55	7,870.78	53.78	147.363		
6,000.00	5,856.11	5,743.88	5,719.54	31.07	26.22	140.37	-1,835.24	-6,760.50	7,943.89	7,889.37	54.52	145.698		
6,100.00	5,953.43	5,816.45	5,792.10	31.61	26.49	140.44	-1,835.80	-6,761.70	7,963.57	7,908.29	55.28	144.067		
6,200.00	6,050.74	5,907.58	5,883.21	32.14	26.83	140.54	-1,836.52	-6,763.37	7,983.44	7,927.32	56.12	142.256		
6,300.00	6,148.05	5,998.47	5,974.08	32.67	27.17	140.63	-1,837.29	-6,765.11	8,003.42	7,946.46	56.96	140.502		
6,400.00	6,245.37	6,073.22	6,048.81	33.20	27.45	140.71	-1,837.82	-6,766.68	8,023.58	7,965.86	57.73	138.987		
6,500.00	6,342.68	6,237.73	6,213.29	33.73	28.08	140.88	-1,839.25	-6,769.46	8,043.33	7,984.40	58.93	136.483		
6,520.81	6,362.93	6,252.09	6,227.65	33.85	28.13	140.89	-1,839.35	-6,769.66	8,047.40	7,988.31	59.09	136.196		
6,550.00	6,391.46	6,272.33	6,247.89	34.00	28.21	134.67	-1,839.47	-6,769.97	8,052.49	7,993.19	59.30	135.792		
6,600.00	6,440.79	6,306.74	6,282.29	34.23	28.34	115.88	-1,839.62	-6,770.56	8,058.26	7,998.61	59.65	135.087		
6,650.00	6,490.44	6,336.24	6,311.78	34.43	28.46	80.76	-1,839.79	-6,771.12	8,060.30	8,000.34	59.96	134.433		
6,700.00	6,540.10	6,352.00	6,327.54	34.60	28.52	44.59	-1,840.04	-6,771.43	8,058.63	7,998.46	60.17	133.937		
6,750.00	6,589.46	6,369.80	6,345.33	34.76	28.58	24.65	-1,840.56	-6,771.82	8,053.32	7,992.96	60.36	133.425		
6,800.00	6,638.22	6,384.00	6,359.51	34.92	28.64	14.43	-1,841.23	-6,772.18	8,044.42	7,983.91	60.51	132.939		
6,850.00	6,686.09	6,384.00	6,359.51	35.07	28.64	8.50	-1,841.23	-6,772.18	8,032.00	7,971.43	60.58	132.588		
6,900.00	6,732.75	6,400.30	6,375.77	35.24	28.69	4.61	-1,842.29	-6,772.67	8,016.09	7,955.38	60.71	132.040		
6,950.00	6,777.94	6,415.00	6,390.40	35.42	28.75	1.80	-1,843.53	-6,773.19	7,996.83	7,936.01	60.82	131.486		
7,000.00	6,821.36	6,415.00	6,390.40	35.61	28.75	-0.42	-1,843.53	-6,773.19	7,974.27	7,913.42	60.84	131.061		
7,050.00	6,862.75	6,428.95	6,404.28	35.83	28.79	-2.31	-1,844.93	-6,773.75	7,948.54	7,887.61	60.93	130.463		
7,100.00	6,901.85	6,606.00	6,578.13	36.06	29.38	-4.39	-1,877.06	-6,777.82	7,919.56	7,857.79	61.77	128.218		
7,150.00	6,938.43	6,629.28	6,600.54	36.32	29.45	-6.20	-1,883.37	-6,777.83	7,887.10	7,825.22	61.87	127.469		
7,200.00	6,972.26	6,658.92	6,628.82	36.61	29.54	-8.13	-1,892.22	-6,777.73	7,851.90	7,789.89	62.01	126.630		
7,250.00	7,003.13	6,687.64	6,656.01	36.93	29.62	-10.29	-1,901.45	-6,777.54	7,814.15	7,752.02	62.13	125.770		
7,300.00	7,030.85	6,701.00	6,668.57	37.29	29.66	-12.72	-1,906.01	-6,777.41	7,774.11	7,711.92	62.18	125.017		
7,350.00	7,055.25	6,717.64	6,684.10	37.68	29.71	-15.72	-1,911.99	-6,777.21	7,732.01	7,669.76	62.25	124.203		
7,400.00	7,076.17	6,732.00	6,697.37	38.12	29.75	-19.53	-1,917.49	-6,777.02	7,688.14	7,625.83	62.31	123.377		
7,450.00	7,093.50	6,732.00	6,697.37	38.60	29.75	-24.41	-1,917.49	-6,777.02	7,642.73	7,580.42	62.31	122.648		
7,500.00	7,107.11	6,732.00	6,697.37	39.11	29.75	-31.14	-1,917.49	-6,777.02	7,596.06	7,533.75	62.32	121.889		
7,550.00	7,116.94	6,732.00	6,697.37	39.66	29.75	-40.79	-1,917.49	-6,777.02	7,548.41	7,486.08	62.33	121.099		
7,600.00	7,122.91	6,742.01	6,706.53	40.24	29.77	-55.06	-1,921.51	-6,776.87	7,500.02	7,437.62	62.40	120.191		
7,650.18	7,125.00	6,742.14	6,706.65	40.85	29.77	-74.07	-1,921.56	-6,776.87	7,451.06	7,388.62	62.44	119.340		
7,700.00	7,125.12	6,741.59	6,706.15	41.48	29.77	-74.05	-1,921.33	-6,776.88	7,402.33	7,339.86	62.47	118.488		
7,800.00	7,125.36	6,732.00	6,697.37	42.88	29.75	-73.69	-1,917.49	-6,777.02	7,304.60	7,242.08	62.52	116.838		
7,900.00	7,125.60	6,732.00	6,697.37	44.42	29.75	-73.69	-1,917.49	-6,777.02	7,206.90	7,144.28	62.63	115.079		
8,000.00	7,125.84	6,732.00	6,697.37	46.10	29.75	-73.69	-1,917.49	-6,777.02	7,109.28	7,046.53	62.75	113.296		
8,100.00	7,126.08	6,732.00	6,697.37	47.89	29.75	-73.69	-1,917.49	-6,777.02	7,011.72	6,948.82	62.89	111.489		
8,200.00	7,126.32	6,732.00	6,697.37	49.79	29.75	-73.69	-1,917.49	-6,777.02	6,914.22	6,851.17	63.05	109.659		
8,300.00	7,126.56	6,732.00	6,697.37	51.79	29.75	-73.69	-1,917.49	-6,777.02	6,816.81	6,753.57	63.23	107.804		
8,400.00	7,126.80	6,732.00	6,697.37	53.86	29.75	-73.69	-1,917.49	-6,777.02	6,719.46	6,656.03	63.44	105.926		
8,500.00	7,127.04	6,732.00	6,697.37	56.00	29.75	-73.69	-1,917.49	-6,777.02	6,622.20	6,558.54	63.66	104.023		
8,600.00	7,127.28	6,732.00	6,697.37	58.21	29.75	-73.69	-1,917.49	-6,777.02	6,525.02	6,461.11	63.91	102.097		
8,689.38	7,127.49	6,732.00	6,697.37	60.24	29.75	-73.69	-1,917.49	-6,777.02	6,438.23	6,374.07	64.15	100.356		
8,700.00	7,127.52	6,732.00	6,697.37	60.48	29.75	-73.45	-1,917.49	-6,777.02	6,427.92	6,363.73	64.18	100.149		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	6,732.00	6,697.37	62.79	29.75	-70.76	-1,917.49	-6,777.02	6,330.44	6,265.99	64.46	98.213		
8,841.07	7,127.85	6,732.00	6,697.37	63.74	29.75	-69.41	-1,917.49	-6,777.02	6,290.23	6,225.67	64.56	97.431		
8,900.00	7,128.00	6,732.00	6,697.37	65.12	29.75	-69.41	-1,917.49	-6,777.02	6,232.46	6,167.75	64.71	96.313		
9,000.00	7,128.23	6,732.00	6,697.37	67.50	29.75	-69.41	-1,917.49	-6,777.02	6,134.48	6,069.50	64.98	94.407		
9,100.00	7,128.47	6,732.00	6,697.37	69.91	29.75	-69.41	-1,917.49	-6,777.02	6,036.57	5,971.30	65.27	92.487		
9,200.00	7,128.71	6,732.00	6,697.37	72.35	29.75	-69.41	-1,917.49	-6,777.02	5,938.73	5,873.15	65.58	90.554		
9,300.00	7,128.95	6,732.00	6,697.37	74.83	29.75	-69.41	-1,917.49	-6,777.02	5,840.97	5,775.05	65.92	88.608		
9,400.00	7,129.19	6,732.00	6,697.37	77.33	29.75	-69.41	-1,917.49	-6,777.02	5,743.28	5,677.00	66.28	86.650		
9,500.00	7,129.43	6,732.00	6,697.37	79.86	29.75	-69.41	-1,917.49	-6,777.02	5,645.67	5,579.00	66.67	84.681		
9,600.00	7,129.67	6,732.00	6,697.37	82.41	29.75	-69.41	-1,917.49	-6,777.02	5,548.14	5,481.06	67.09	82.700		
9,700.00	7,129.91	6,732.00	6,697.37	84.97	29.75	-69.41	-1,917.49	-6,777.02	5,450.71	5,383.17	67.54	80.709		
9,800.00	7,130.15	6,732.00	6,697.37	87.56	29.75	-69.41	-1,917.49	-6,777.02	5,353.37	5,285.35	68.02	78.708		
9,900.00	7,130.39	6,732.00	6,697.37	90.16	29.75	-69.41	-1,917.49	-6,777.02	5,256.13	5,187.60	68.53	76.699		
10,000.00	7,130.63	6,732.00	6,697.37	92.78	29.75	-69.41	-1,917.49	-6,777.02	5,158.99	5,089.92	69.08	74.682		
10,100.00	7,130.87	6,732.00	6,697.37	95.41	29.75	-69.41	-1,917.49	-6,777.02	5,061.97	4,992.31	69.67	72.659		
10,200.00	7,131.11	6,732.00	6,697.37	98.06	29.75	-69.41	-1,917.49	-6,777.02	4,965.07	4,894.77	70.30	70.631		
10,300.00	7,131.35	6,732.00	6,697.37	100.71	29.75	-69.41	-1,917.49	-6,777.02	4,868.29	4,797.32	70.97	68.599		
10,400.00	7,131.59	6,732.00	6,697.37	103.38	29.75	-69.41	-1,917.49	-6,777.02	4,771.64	4,699.96	71.68	66.565		
10,500.00	7,131.83	6,732.00	6,697.37	106.06	29.75	-69.41	-1,917.49	-6,777.02	4,675.14	4,602.69	72.45	64.529		
10,600.00	7,132.07	6,732.00	6,697.37	108.74	29.75	-69.41	-1,917.49	-6,777.02	4,578.78	4,505.51	73.27	62.494		
10,700.00	7,132.31	6,732.00	6,697.37	111.44	29.75	-69.41	-1,917.49	-6,777.02	4,482.58	4,408.45	74.14	60.462		
10,800.00	7,132.55	6,732.00	6,697.37	114.14	29.75	-69.41	-1,917.49	-6,777.02	4,386.56	4,311.49	75.07	58.434		
10,900.00	7,132.79	6,723.45	6,689.48	116.85	29.72	-69.01	-1,914.17	-6,777.14	4,290.69	4,214.74	75.95	56.494		
11,000.00	7,133.03	6,723.17	6,689.22	119.57	29.72	-69.00	-1,914.07	-6,777.14	4,195.04	4,118.04	77.00	54.482		
11,100.00	7,133.27	6,722.89	6,688.96	122.29	29.72	-68.99	-1,913.96	-6,777.15	4,099.60	4,021.48	78.12	52.480		
11,200.00	7,133.51	6,722.61	6,688.71	125.02	29.72	-68.98	-1,913.85	-6,777.15	4,004.37	3,925.06	79.31	50.489		
11,300.00	7,133.74	6,722.33	6,688.45	127.76	29.72	-68.96	-1,913.75	-6,777.15	3,909.39	3,828.80	80.58	48.513		
11,400.00	7,133.98	6,722.06	6,688.20	130.50	29.72	-68.95	-1,913.65	-6,777.16	3,814.66	3,732.72	81.94	46.554		
11,500.00	7,134.22	6,721.79	6,687.94	133.24	29.72	-68.94	-1,913.54	-6,777.16	3,720.21	3,636.82	83.39	44.613		
11,600.00	7,134.46	6,721.52	6,687.69	135.99	29.72	-68.92	-1,913.44	-6,777.16	3,626.05	3,541.12	84.93	42.694		
11,700.00	7,134.70	6,721.25	6,687.45	138.75	29.72	-68.91	-1,913.34	-6,777.17	3,532.22	3,445.64	86.58	40.798		
11,800.00	7,134.94	6,720.98	6,687.20	141.51	29.72	-68.90	-1,913.24	-6,777.17	3,438.74	3,350.40	88.34	38.928		
11,900.00	7,135.18	6,720.72	6,686.95	144.27	29.71	-68.89	-1,913.14	-6,777.18	3,345.63	3,255.41	90.21	37.086		
12,000.00	7,135.42	6,720.45	6,686.71	147.03	29.71	-68.88	-1,913.04	-6,777.18	3,252.93	3,160.71	92.22	35.275		
12,100.00	7,135.66	6,720.19	6,686.47	149.80	29.71	-68.86	-1,912.94	-6,777.18	3,160.67	3,066.32	94.36	33.498		
12,200.00	7,135.90	6,719.94	6,686.23	152.58	29.71	-68.85	-1,912.84	-6,777.19	3,068.90	2,972.26	96.64	31.756		
12,300.00	7,136.14	6,719.68	6,685.99	155.35	29.71	-68.84	-1,912.75	-6,777.19	2,977.66	2,878.58	99.08	30.052		
12,400.00	7,136.38	6,719.42	6,685.76	158.13	29.71	-68.83	-1,912.65	-6,777.19	2,887.01	2,785.31	101.70	28.388		
12,500.00	7,136.62	6,719.17	6,685.52	160.91	29.71	-68.82	-1,912.56	-6,777.20	2,796.98	2,692.49	104.49	26.767		
12,600.00	7,136.86	6,718.92	6,685.29	163.70	29.71	-68.80	-1,912.46	-6,777.20	2,707.66	2,600.18	107.48	25.191		
12,700.00	7,137.10	6,718.67	6,685.06	166.48	29.71	-68.79	-1,912.37	-6,777.20	2,619.11	2,508.42	110.69	23.663		
12,800.00	7,137.34	6,718.42	6,684.83	169.27	29.71	-68.78	-1,912.28	-6,777.20	2,531.41	2,417.30	114.11	22.183		
12,900.00	7,137.58	6,718.18	6,684.60	172.06	29.71	-68.77	-1,912.19	-6,777.21	2,444.66	2,326.87	117.79	20.755		
13,000.00	7,137.82	6,717.93	6,684.37	174.86	29.71	-68.76	-1,912.10	-6,777.21	2,358.96	2,237.24	121.72	19.380		
13,100.00	7,138.06	6,717.69	6,684.15	177.65	29.71	-68.75	-1,912.01	-6,777.21	2,274.42	2,148.48	125.94	18.060		
13,200.00	7,138.30	6,717.45	6,683.93	180.45	29.71	-68.74	-1,911.92	-6,777.22	2,191.19	2,060.74	130.45	16.797		
13,300.00	7,138.54	6,717.21	6,683.70	183.25	29.70	-68.73	-1,911.83	-6,777.22	2,109.41	1,974.13	135.28	15.593		
13,400.00	7,138.78	6,716.98	6,683.48	186.05	29.70	-68.71	-1,911.74	-6,777.22	2,029.27	1,888.82	140.45	14.449		
13,500.00	7,139.02	6,716.74	6,683.27	188.85	29.70	-68.70	-1,911.65	-6,777.23	1,950.96	1,805.00	145.96	13.366		
13,600.00	7,139.25	6,716.51	6,683.05	191.65	29.70	-68.69	-1,911.57	-6,777.23	1,874.71	1,722.87	151.84	12.347		
13,700.00	7,139.49	6,716.27	6,682.83	194.46	29.70	-68.68	-1,911.48	-6,777.23	1,800.79	1,642.70	158.09	11.391		
13,800.00	7,139.73	6,716.04	6,682.62	197.27	29.70	-68.67	-1,911.39	-6,777.23	1,729.50	1,564.79	164.71	10.500		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	6,715.81	6,682.41	200.08	29.70	-68.66	-1,911.31	-6,777.24	1,661.17	1,489.49	171.68	9.676		
14,000.00	7,140.21	6,715.59	6,682.19	202.89	29.70	-68.65	-1,911.23	-6,777.24	1,596.18	1,417.20	178.98	8.918		
14,100.00	7,140.45	6,715.36	6,681.98	205.70	29.70	-68.64	-1,911.14	-6,777.24	1,534.96	1,348.41	186.55	8.228		
14,200.00	7,140.69	6,715.14	6,681.78	208.51	29.70	-68.63	-1,911.06	-6,777.25	1,477.97	1,283.65	194.32	7.606		
14,300.00	7,140.93	6,714.91	6,681.57	211.32	29.70	-68.62	-1,910.98	-6,777.25	1,425.73	1,223.54	202.19	7.052		
14,400.00	7,141.17	6,714.69	6,681.36	214.14	29.70	-68.61	-1,910.90	-6,777.25	1,378.78	1,168.77	210.01	6.565		
14,500.00	7,141.41	6,714.47	6,681.16	216.95	29.70	-68.60	-1,910.82	-6,777.25	1,337.66	1,120.05	217.60	6.147		
14,600.00	7,141.65	6,714.25	6,680.96	219.77	29.70	-68.59	-1,910.74	-6,777.26	1,302.93	1,078.16	224.77	5.797		
14,700.00	7,141.89	6,714.04	6,680.75	222.59	29.70	-68.58	-1,910.66	-6,777.26	1,275.13	1,043.83	231.29	5.513		
14,800.00	7,142.13	6,713.82	6,680.55	225.41	29.70	-68.57	-1,910.58	-6,777.26	1,254.69	1,017.77	236.93	5.296		
14,900.00	7,142.37	6,713.61	6,680.35	228.23	29.69	-68.56	-1,910.50	-6,777.26	1,242.00	1,000.52	241.48	5.143		
15,000.00	7,142.61	6,713.40	6,680.16	231.05	29.69	-68.55	-1,910.42	-6,777.27	1,237.28	992.51	244.77	5.055		
15,008.47	7,142.63	6,713.38	6,680.14	231.29	29.69	-68.55	-1,910.41	-6,777.27	1,237.25	992.26	244.99	5.050 CC, ES		
15,100.00	7,142.85	6,713.18	6,679.96	233.87	29.69	-68.54	-1,910.34	-6,777.27	1,240.63	993.91	246.73	5.028 SF		
15,200.00	7,143.09	6,712.97	6,679.76	236.69	29.69	-68.53	-1,910.27	-6,777.27	1,251.99	1,004.68	247.31	5.062		
15,300.00	7,143.33	6,712.77	6,679.57	239.52	29.69	-68.52	-1,910.19	-6,777.28	1,271.13	1,024.54	246.59	5.155		
15,400.00	7,143.57	6,712.56	6,679.38	242.34	29.69	-68.51	-1,910.12	-6,777.28	1,297.72	1,053.03	244.69	5.304		
15,500.00	7,143.81	6,712.35	6,679.19	245.17	29.69	-68.50	-1,910.04	-6,777.28	1,331.31	1,089.54	241.78	5.506		
15,600.00	7,144.05	6,712.15	6,679.00	247.99	29.69	-68.49	-1,909.97	-6,777.28	1,371.39	1,133.34	238.04	5.761		
15,700.00	7,144.29	6,711.95	6,678.81	250.82	29.69	-68.48	-1,909.89	-6,777.29	1,417.39	1,183.71	233.69	6.065		
15,800.00	7,144.53	6,711.74	6,678.62	253.64	29.69	-68.47	-1,909.82	-6,777.29	1,468.78	1,239.88	228.90	6.417		
15,900.00	7,144.76	6,711.54	6,678.43	256.47	29.69	-68.46	-1,909.75	-6,777.29	1,525.00	1,301.16	223.83	6.813		
16,000.00	7,145.00	6,711.35	6,678.25	259.30	29.69	-68.45	-1,909.67	-6,777.29	1,585.53	1,366.90	218.63	7.252		
16,100.00	7,145.24	6,711.15	6,678.06	262.13	29.69	-68.44	-1,909.60	-6,777.29	1,649.91	1,436.52	213.40	7.732		
16,200.00	7,145.48	6,710.95	6,677.88	264.96	29.69	-68.44	-1,909.53	-6,777.30	1,717.71	1,509.49	208.22	8.249		
16,300.00	7,145.72	6,710.76	6,677.70	267.79	29.69	-68.43	-1,909.46	-6,777.30	1,788.53	1,585.36	203.16	8.803		
16,400.00	7,145.96	6,701.00	6,668.57	270.62	29.66	-67.97	-1,906.01	-6,777.41	1,862.10	1,664.30	197.80	9.414		
16,500.00	7,146.20	6,701.00	6,668.57	273.45	29.66	-67.97	-1,906.01	-6,777.41	1,937.97	1,744.85	193.11	10.036		
16,600.00	7,146.44	6,701.00	6,668.57	276.28	29.66	-67.97	-1,906.01	-6,777.41	2,015.94	1,827.32	188.62	10.688		
16,700.00	7,146.68	6,701.00	6,668.57	279.12	29.66	-67.97	-1,906.01	-6,777.41	2,095.78	1,911.44	184.34	11.369		
16,800.00	7,146.92	6,701.00	6,668.57	281.95	29.66	-67.97	-1,906.01	-6,777.41	2,177.29	1,997.02	180.27	12.078		
16,900.00	7,147.16	6,701.00	6,668.57	284.78	29.66	-67.97	-1,906.01	-6,777.41	2,260.28	2,083.87	176.41	12.812		
17,000.00	7,147.40	6,701.00	6,668.57	287.62	29.66	-67.97	-1,906.01	-6,777.41	2,344.60	2,171.84	172.76	13.571		
17,100.00	7,147.64	6,701.00	6,668.57	290.45	29.66	-67.97	-1,906.01	-6,777.41	2,430.12	2,260.81	169.31	14.353		
17,200.00	7,147.88	6,701.00	6,668.57	293.28	29.66	-67.97	-1,906.01	-6,777.41	2,516.70	2,350.66	166.04	15.157		
17,300.00	7,148.12	6,701.00	6,668.57	296.12	29.66	-67.97	-1,906.01	-6,777.41	2,604.24	2,441.29	162.95	15.982		
17,400.00	7,148.36	6,701.00	6,668.57	298.95	29.66	-67.97	-1,906.01	-6,777.41	2,692.65	2,532.61	160.03	16.826		
17,500.00	7,148.60	6,701.00	6,668.57	301.79	29.66	-67.97	-1,906.01	-6,777.41	2,781.84	2,624.57	157.27	17.688		
17,600.00	7,148.84	6,701.00	6,668.57	304.63	29.66	-67.97	-1,906.01	-6,777.41	2,871.75	2,717.08	154.66	18.568		
17,700.00	7,149.08	6,701.00	6,668.57	307.46	29.66	-67.97	-1,906.01	-6,777.41	2,962.30	2,810.10	152.20	19.463		
17,800.00	7,149.32	6,701.00	6,668.57	310.30	29.66	-67.97	-1,906.01	-6,777.41	3,053.44	2,903.58	149.86	20.375		
17,900.00	7,149.56	6,701.00	6,668.57	313.14	29.66	-67.97	-1,906.01	-6,777.41	3,145.12	2,997.47	147.66	21.300		
18,000.00	7,149.80	6,701.00	6,668.57	315.98	29.66	-67.97	-1,906.01	-6,777.41	3,237.30	3,091.73	145.56	22.240		
18,100.00	7,150.04	6,701.00	6,668.57	318.81	29.66	-67.97	-1,906.01	-6,777.41	3,329.92	3,186.34	143.58	23.192		
18,200.00	7,150.27	6,701.00	6,668.57	321.65	29.66	-67.97	-1,906.01	-6,777.41	3,422.96	3,281.27	141.70	24.157		
18,300.00	7,150.51	6,701.00	6,668.57	324.49	29.66	-67.97	-1,906.01	-6,777.41	3,516.39	3,376.47	139.91	25.133		
18,400.00	7,150.75	6,701.00	6,668.57	327.33	29.66	-67.97	-1,906.01	-6,777.41	3,610.16	3,471.95	138.22	26.120		
18,500.00	7,150.99	6,701.00	6,668.57	330.17	29.66	-67.97	-1,906.01	-6,777.41	3,704.26	3,567.66	136.60	27.117		
18,600.00	7,151.23	6,701.00	6,668.57	333.01	29.66	-67.97	-1,906.01	-6,777.41	3,798.66	3,663.59	135.07	28.124		
18,700.00	7,151.47	6,701.00	6,668.57	335.85	29.66	-67.97	-1,906.01	-6,777.41	3,893.35	3,759.73	133.61	29.139		
18,800.00	7,151.71	6,701.00	6,668.57	338.69	29.66	-67.97	-1,906.01	-6,777.41	3,988.29	3,856.06	132.22	30.163		
18,900.00	7,151.95	6,701.00	6,668.57	341.53	29.66	-67.97	-1,906.01	-6,777.41	4,083.47	3,952.57	130.90	31.195		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</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
Survey Program: 146-MWD												<b>Offset Well Error:</b>	3.28 ft
Falken 9-11 PAD - Harvesters Resources #15R-243(PR) - OH - OH													
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
18,920.23	7,152.00	6,701.00	6,668.57	342.10	29.66	-67.97	-1,906.01	-6,777.41	4,102.75	3,972.11	130.64	31.405	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1200-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-110.55	-2,122.89	-5,663.12	6,047.94					
100.00	100.00	85.00	85.00	3.28	3.29	-110.55	-2,122.89	-5,663.12	6,047.94	6,041.37	6.57	920.539		
200.00	200.00	185.00	185.00	3.34	3.31	-110.55	-2,122.89	-5,663.12	6,047.94	6,041.30	6.64	910.551		
300.00	299.98	284.98	284.98	3.44	3.34	129.45	-2,122.89	-5,663.12	6,049.05	6,042.27	6.78	892.165		
400.00	399.84	384.84	384.84	3.60	3.39	129.43	-2,122.89	-5,663.12	6,052.38	6,045.40	6.98	866.936		
500.00	499.45	484.45	484.45	3.80	3.45	129.41	-2,122.89	-5,663.12	6,057.93	6,050.68	7.24	836.253		
600.00	598.70	583.70	583.70	4.04	3.52	129.38	-2,122.89	-5,663.12	6,065.69	6,058.13	7.56	802.015		
700.00	697.47	682.47	682.47	4.33	3.61	129.34	-2,122.89	-5,663.12	6,075.69	6,067.76	7.93	765.864		
800.00	795.62	780.62	780.62	4.65	3.70	129.28	-2,122.89	-5,663.12	6,087.91	6,079.56	8.35	729.081		
865.50	859.53	844.53	844.53	4.89	3.77	129.24	-2,122.89	-5,663.12	6,097.13	6,088.48	8.65	705.063		
900.00	893.10	878.10	878.10	5.02	3.80	129.30	-2,122.89	-5,663.12	6,102.24	6,093.43	8.81	692.609		
1,000.00	990.42	975.42	975.42	5.41	3.92	129.46	-2,122.89	-5,663.12	6,117.08	6,107.78	9.30	657.664		
1,100.00	1,087.73	1,072.73	1,072.73	5.83	4.04	129.63	-2,122.89	-5,663.12	6,131.98	6,122.15	9.82	624.386		
1,200.00	1,185.05	1,170.05	1,170.05	6.27	4.17	129.79	-2,122.89	-5,663.12	6,146.92	6,136.56	10.36	593.077		
1,300.00	1,282.36	1,267.36	1,267.36	6.72	4.30	129.95	-2,122.89	-5,663.12	6,161.91	6,150.99	10.93	563.850		
1,400.00	1,379.67	1,270.59	1,270.59	7.18	4.40	129.96	-2,122.42	-5,663.85	6,178.21	6,166.75	11.47	538.874		
1,500.00	1,476.99	1,300.00	1,299.98	7.65	4.49	130.02	-2,121.95	-5,664.59	6,195.25	6,183.26	11.99	516.618		
1,600.00	1,574.30	1,352.86	1,352.79	8.13	4.65	130.12	-2,120.69	-5,666.55	6,213.16	6,200.56	12.60	493.142		
1,700.00	1,671.61	1,400.00	1,399.84	8.62	4.80	130.22	-2,119.12	-5,668.99	6,232.03	6,218.84	13.20	472.228		
1,800.00	1,768.93	1,433.76	1,433.50	9.11	4.91	130.30	-2,117.74	-5,671.14	6,251.81	6,238.06	13.76	454.403		
1,900.00	1,866.24	1,473.67	1,473.26	9.60	5.04	130.39	-2,115.83	-5,674.11	6,272.53	6,258.18	14.34	437.292		
2,000.00	1,963.56	1,500.00	1,499.45	10.10	5.13	130.45	-2,114.41	-5,676.32	6,294.19	6,279.31	14.88	422.868		
2,100.00	2,060.87	1,552.36	1,551.47	10.61	5.32	130.58	-2,111.19	-5,681.33	6,316.72	6,301.19	15.52	406.911		
2,200.00	2,158.18	1,612.30	1,610.91	11.11	5.54	130.73	-2,107.00	-5,687.85	6,340.14	6,323.94	16.20	391.407		
2,300.00	2,255.50	1,705.77	1,703.57	11.62	5.90	130.96	-2,100.39	-5,698.14	6,363.82	6,346.80	17.02	373.996		
2,400.00	2,352.81	1,800.77	1,796.23	12.13	6.28	131.20	-2,093.77	-5,708.44	6,387.61	6,369.75	17.86	357.742		
2,500.00	2,450.13	1,907.30	1,888.89	12.65	6.73	131.43	-2,087.16	-5,718.74	6,411.51	6,392.75	18.75	341.859		
2,600.00	2,547.44	1,986.16	1,981.55	13.16	7.07	131.67	-2,080.54	-5,729.03	6,435.52	6,415.96	19.55	329.134		
2,700.00	2,644.75	2,079.63	2,074.21	13.68	7.48	131.90	-2,073.93	-5,739.33	6,459.63	6,439.21	20.42	316.356		
2,800.00	2,742.07	2,173.09	2,166.87	14.20	7.89	132.13	-2,067.31	-5,749.62	6,483.85	6,462.56	21.29	304.516		
2,900.00	2,839.38	2,266.56	2,259.53	14.71	8.32	132.35	-2,060.69	-5,759.92	6,508.17	6,486.00	22.17	293.530		
3,000.00	2,936.70	2,360.02	2,352.19	15.23	8.75	132.58	-2,054.08	-5,770.22	6,532.60	6,509.54	23.06	283.321		
3,100.00	3,034.01	2,453.49	2,444.85	15.76	9.19	132.80	-2,047.46	-5,780.51	6,557.13	6,533.18	23.95	273.820		
3,200.00	3,131.32	2,546.95	2,537.51	16.28	9.63	133.02	-2,040.85	-5,790.81	6,581.76	6,556.92	24.84	264.964		
3,300.00	3,228.64	2,640.42	2,630.17	16.80	10.07	133.25	-2,034.23	-5,801.11	6,606.49	6,580.75	25.74	256.693		
3,400.00	3,325.95	2,733.88	2,722.83	17.32	10.52	133.47	-2,027.62	-5,811.40	6,631.32	6,604.68	26.64	248.957		
3,500.00	3,423.26	2,827.35	2,815.49	17.85	10.97	133.68	-2,021.00	-5,821.70	6,656.24	6,628.70	27.54	241.710		
3,600.00	3,520.58	2,920.81	2,908.15	18.37	11.42	133.90	-2,014.38	-5,831.99	6,681.26	6,652.82	28.44	234.908		
3,700.00	3,617.89	3,014.28	3,000.81	18.90	11.88	134.11	-2,007.77	-5,842.29	6,706.38	6,677.03	29.35	228.516		
3,800.00	3,715.21	3,107.74	3,093.47	19.43	12.33	134.33	-2,001.15	-5,852.59	6,731.59	6,701.33	30.25	222.499		
3,900.00	3,812.52	3,201.21	3,186.13	19.95	12.79	134.54	-1,994.54	-5,862.88	6,756.89	6,725.73	31.16	216.827		
4,000.00	3,909.83	3,305.33	3,278.79	20.48	13.30	134.75	-1,987.92	-5,873.18	6,782.29	6,750.17	32.12	211.147		
4,100.00	4,007.15	3,388.14	3,371.45	21.01	13.71	134.96	-1,981.31	-5,883.48	6,807.77	6,774.79	32.98	206.410		
4,200.00	4,104.46	3,481.60	3,464.11	21.53	14.18	135.17	-1,974.69	-5,893.77	6,833.35	6,799.46	33.89	201.618		
4,300.00	4,201.78	3,575.07	3,556.77	22.06	14.64	135.37	-1,968.08	-5,904.07	6,859.01	6,824.21	34.80	197.076		
4,400.00	4,299.09	3,668.53	3,649.43	22.59	15.10	135.58	-1,961.46	-5,914.36	6,884.77	6,849.05	35.72	192.766		
4,500.00	4,396.40	3,761.99	3,742.10	23.12	15.57	135.78	-1,954.84	-5,924.66	6,910.61	6,873.98	36.63	188.671		
4,600.00	4,493.72	3,855.46	3,834.76	23.65	16.04	135.98	-1,948.23	-5,934.96	6,936.53	6,898.99	37.54	184.776		
4,700.00	4,591.03	3,948.92	3,927.42	24.18	16.50	136.18	-1,941.61	-5,945.25	6,962.55	6,924.09	38.45	181.067		
4,800.00	4,688.34	4,042.39	4,020.08	24.71	16.97	136.38	-1,935.00	-5,955.55	6,988.64	6,949.28	39.37	177.531		
4,900.00	4,785.66	4,135.85	4,112.74	25.24	17.44	136.58	-1,928.38	-5,965.85	7,014.82	6,974.54	40.28	174.158		
5,000.00	4,882.97	4,229.32	4,205.40	25.77	17.91	136.78	-1,921.77	-5,976.14	7,041.08	6,999.89	41.19	170.935		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1200-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,980.29	4,322.78	4,298.06	26.30	18.38	136.97	-1,915.15	-5,986.44	7,067.42	7,025.32	42.10	167.855		
5,200.00	5,077.60	4,416.25	4,390.72	26.83	18.85	137.16	-1,908.53	-5,996.73	7,093.84	7,050.83	43.02	164.908		
5,300.00	5,174.91	4,509.71	4,483.38	27.36	19.32	137.36	-1,901.92	-6,007.03	7,120.35	7,076.42	43.93	162.085		
5,400.00	5,272.23	4,603.18	4,576.04	27.89	19.80	137.55	-1,895.30	-6,017.33	7,146.93	7,102.08	44.84	159.379		
5,500.00	5,369.54	4,703.36	4,668.70	28.42	20.30	137.74	-1,888.69	-6,027.62	7,173.59	7,127.80	45.79	156.676		
5,600.00	5,466.86	4,809.89	4,761.36	28.95	20.84	137.92	-1,882.07	-6,037.92	7,200.32	7,153.56	46.76	153.985		
5,700.00	5,564.17	4,883.57	4,854.02	29.48	21.21	138.11	-1,875.46	-6,048.21	7,227.13	7,179.55	47.58	151.898		
5,800.00	5,661.48	4,977.04	4,946.68	30.01	21.69	138.30	-1,868.84	-6,058.51	7,254.02	7,205.53	48.49	149.597		
5,900.00	5,758.80	5,077.79	5,743.80	30.54	25.22	139.54	-1,842.78	-6,099.06	7,273.33	7,220.42	52.91	137.458		
6,000.00	5,856.11	5,874.10	5,841.11	31.07	25.60	139.65	-1,842.78	-6,099.06	7,291.06	7,237.26	53.80	135.533		
6,100.00	5,953.43	5,971.41	5,938.43	31.61	25.98	139.77	-1,842.78	-6,099.06	7,308.82	7,254.14	54.68	133.670		
6,200.00	6,050.74	6,068.73	6,035.74	32.14	26.36	139.88	-1,842.78	-6,099.06	7,326.61	7,271.05	55.56	131.866		
6,300.00	6,148.05	6,166.04	6,133.05	32.67	26.74	140.00	-1,842.78	-6,099.06	7,344.42	7,287.98	56.44	130.118		
6,400.00	6,245.37	6,263.36	6,230.37	33.20	27.13	140.11	-1,842.78	-6,099.06	7,362.27	7,304.94	57.33	128.425		
6,500.00	6,342.68	6,360.67	6,327.68	33.73	27.51	140.23	-1,842.78	-6,099.06	7,380.15	7,321.93	58.21	126.782		
6,520.81	6,362.93	6,380.92	6,347.93	33.85	27.59	140.25	-1,842.78	-6,099.06	7,383.87	7,325.47	58.40	126.447		
6,550.00	6,391.46	6,409.45	6,376.46	34.00	27.70	134.04	-1,842.78	-6,099.06	7,388.45	7,329.80	58.65	125.974		
6,600.00	6,440.79	6,458.78	6,425.79	34.23	27.89	115.25	-1,842.78	-6,099.06	7,393.27	7,334.19	59.08	125.145		
6,650.00	6,490.44	6,508.43	6,475.44	34.43	28.09	80.13	-1,842.78	-6,099.06	7,394.26	7,334.77	59.48	124.305		
6,700.00	6,540.10	6,500.00	6,466.98	34.60	28.04	43.92	-1,844.36	-6,099.06	7,391.87	7,332.28	59.59	124.046		
6,750.00	6,589.46	6,500.00	6,466.98	34.76	28.04	23.95	-1,844.36	-6,099.06	7,385.73	7,326.02	59.72	123.682		
6,800.00	6,638.22	6,533.79	6,500.64	34.92	28.15	13.70	-1,847.27	-6,099.06	7,375.94	7,315.99	59.95	123.029		
6,850.00	6,686.09	6,553.14	6,519.85	35.07	28.22	7.72	-1,849.60	-6,099.06	7,362.63	7,302.51	60.12	122.469		
6,900.00	6,732.75	6,571.97	6,538.47	35.24	28.28	3.78	-1,852.34	-6,099.06	7,345.84	7,285.57	60.27	121.888		
6,950.00	6,777.94	6,600.00	6,566.07	35.42	28.37	0.88	-1,857.27	-6,099.06	7,325.68	7,265.24	60.44	121.204		
7,000.00	6,821.36	6,600.00	6,566.07	35.61	28.37	-1.40	-1,857.27	-6,099.06	7,302.23	7,241.74	60.49	120.720		
7,050.00	6,862.75	6,600.00	6,566.07	35.83	28.37	-3.35	-1,857.27	-6,099.06	7,275.72	7,215.19	60.53	120.210		
7,100.00	6,901.85	6,639.33	6,604.44	36.06	28.48	-5.26	-1,865.89	-6,099.06	7,246.02	7,185.32	60.70	119.379		
7,150.00	6,938.43	6,653.63	6,618.28	36.32	28.52	-7.10	-1,869.51	-6,099.06	7,213.58	7,152.81	60.77	118.701		
7,200.00	6,972.26	6,666.74	6,630.89	36.61	28.56	-9.03	-1,873.05	-6,099.06	7,178.48	7,117.65	60.83	118.000		
7,250.00	7,003.13	6,700.00	6,662.62	36.93	28.65	-11.29	-1,883.01	-6,099.06	7,141.00	7,080.03	60.97	117.119		
7,300.00	7,030.85	6,700.00	6,662.62	37.29	28.65	-13.72	-1,883.01	-6,099.06	7,101.12	7,040.14	60.98	116.449		
7,350.00	7,055.25	6,700.00	6,662.62	37.68	28.65	-16.66	-1,883.01	-6,099.06	7,059.26	6,998.27	60.99	115.748		
7,400.00	7,076.17	6,700.00	6,662.62	38.12	28.65	-20.35	-1,883.01	-6,099.06	7,015.63	6,954.63	61.00	115.017		
7,450.00	7,093.50	6,700.00	6,662.62	38.60	28.65	-25.20	-1,883.01	-6,099.06	6,970.47	6,909.46	61.01	114.255		
7,500.00	7,107.11	6,700.00	6,662.62	39.11	28.65	-31.82	-1,883.01	-6,099.06	6,924.04	6,863.01	61.02	113.463		
7,550.00	7,116.94	6,700.00	6,662.62	39.66	28.65	-41.12	-1,883.01	-6,099.06	6,876.59	6,815.54	61.05	112.643		
7,600.00	7,122.91	6,700.00	6,662.62	40.24	28.65	-54.29	-1,883.01	-6,099.06	6,828.41	6,767.33	61.08	111.795		
7,650.18	7,125.00	6,700.00	6,662.62	40.85	28.65	-71.98	-1,883.01	-6,099.06	6,779.60	6,718.48	61.12	110.919		
7,700.00	7,125.12	6,700.00	6,662.62	41.48	28.65	-71.98	-1,883.01	-6,099.06	6,731.02	6,669.85	61.17	110.036		
7,800.00	7,125.36	6,700.00	6,662.62	42.88	28.65	-71.98	-1,883.01	-6,099.06	6,633.56	6,572.28	61.28	108.249		
7,900.00	7,125.60	6,700.00	6,662.62	44.42	28.65	-71.98	-1,883.01	-6,099.06	6,536.18	6,474.77	61.41	106.437		
8,000.00	7,125.84	6,700.00	6,662.62	46.10	28.65	-71.98	-1,883.01	-6,099.06	6,438.88	6,377.32	61.56	104.600		
8,100.00	7,126.08	6,700.00	6,662.62	47.89	28.65	-71.98	-1,883.01	-6,099.06	6,341.66	6,279.94	61.73	102.739		
8,200.00	7,126.32	6,700.00	6,662.62	49.79	28.65	-71.98	-1,883.01	-6,099.06	6,244.53	6,182.62	61.92	100.852		
8,300.00	7,126.56	6,700.00	6,662.62	51.79	28.65	-71.98	-1,883.01	-6,099.06	6,147.50	6,085.36	62.13	98.941		
8,400.00	7,126.80	6,700.00	6,662.62	53.86	28.65	-71.98	-1,883.01	-6,099.06	6,050.56	5,988.18	62.37	97.006		
8,500.00	7,127.04	6,700.00	6,662.62	56.00	28.65	-71.98	-1,883.01	-6,099.06	5,953.72	5,891.08	62.64	95.045		
8,600.00	7,127.28	6,700.00	6,662.62	58.21	28.65	-71.98	-1,883.01	-6,099.06	5,856.99	5,794.05	62.94	93.061		
8,689.38	7,127.49	6,700.00	6,662.62	60.24	28.65	-71.98	-1,883.01	-6,099.06	5,770.62	5,707.39	63.23	91.267		
8,700.00	7,127.52	6,700.00	6,662.62	60.48	28.65	-71.73	-1,883.01	-6,099.06	5,760.36	5,697.10	63.26	91.053		
8,800.00	7,127.76	6,700.00	6,662.62	62.79	28.65	-69.04	-1,883.01	-6,099.06	5,663.35	5,599.76	63.59	89.059		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,841.07	7,127.85	6,700.00	6,662.62	63.74	28.65	-67.72	-1,883.01	-6,099.06	5,623.32	5,559.60	63.72	88.252		
8,900.00	7,128.00	6,700.00	6,662.62	65.12	28.65	-67.72	-1,883.01	-6,099.06	5,565.81	5,501.91	63.90	87.100		
9,000.00	7,128.23	6,700.00	6,662.62	67.50	28.65	-67.72	-1,883.01	-6,099.06	5,468.30	5,404.06	64.23	85.135		
9,100.00	7,128.47	6,700.00	6,662.62	69.91	28.65	-67.72	-1,883.01	-6,099.06	5,370.87	5,306.28	64.59	83.156		
9,200.00	7,128.71	6,700.00	6,662.62	72.35	28.65	-67.72	-1,883.01	-6,099.06	5,273.54	5,208.57	64.97	81.163		
9,300.00	7,128.95	6,700.00	6,662.62	74.83	28.65	-67.72	-1,883.01	-6,099.06	5,176.32	5,110.93	65.39	79.159		
9,400.00	7,129.19	6,700.00	6,662.62	77.33	28.65	-67.72	-1,883.01	-6,099.06	5,079.20	5,013.36	65.84	77.142		
9,500.00	7,129.43	6,700.00	6,662.62	79.86	28.65	-67.72	-1,883.01	-6,099.06	4,982.19	4,915.87	66.33	75.115		
9,600.00	7,129.67	6,700.00	6,662.62	82.41	28.65	-67.72	-1,883.01	-6,099.06	4,885.31	4,818.46	66.85	73.078		
9,700.00	7,129.91	6,700.00	6,662.62	84.97	28.65	-67.72	-1,883.01	-6,099.06	4,788.56	4,721.14	67.41	71.033		
9,800.00	7,130.15	6,700.00	6,662.62	87.56	28.65	-67.72	-1,883.01	-6,099.06	4,691.94	4,623.92	68.02	68.980		
9,900.00	7,130.39	6,700.00	6,662.62	90.16	28.65	-67.72	-1,883.01	-6,099.06	4,595.46	4,526.79	68.67	66.921		
10,000.00	7,130.63	6,700.00	6,662.62	92.78	28.65	-67.72	-1,883.01	-6,099.06	4,499.14	4,429.77	69.37	64.858		
10,100.00	7,130.87	6,700.00	6,662.62	95.41	28.65	-67.72	-1,883.01	-6,099.06	4,402.98	4,332.86	70.12	62.791		
10,200.00	7,131.11	6,700.00	6,662.62	98.06	28.65	-67.72	-1,883.01	-6,099.06	4,307.00	4,236.07	70.93	60.724		
10,300.00	7,131.35	6,700.00	6,662.62	100.71	28.65	-67.72	-1,883.01	-6,099.06	4,211.21	4,139.41	71.79	58.658		
10,400.00	7,131.59	6,700.00	6,662.62	103.38	28.65	-67.72	-1,883.01	-6,099.06	4,115.61	4,042.89	72.72	56.594		
10,500.00	7,131.83	6,700.00	6,662.62	106.06	28.65	-67.72	-1,883.01	-6,099.06	4,020.23	3,946.52	73.72	54.536		
10,600.00	7,132.07	6,700.00	6,662.62	108.74	28.65	-67.72	-1,883.01	-6,099.06	3,925.08	3,850.30	74.79	52.485		
10,700.00	7,132.31	6,700.00	6,662.62	111.44	28.65	-67.72	-1,883.01	-6,099.06	3,830.18	3,754.25	75.93	50.444		
10,800.00	7,132.55	6,700.00	6,662.62	114.14	28.65	-67.72	-1,883.01	-6,099.06	3,735.54	3,658.39	77.16	48.415		
10,900.00	7,132.79	6,700.00	6,662.62	116.85	28.65	-67.72	-1,883.01	-6,099.06	3,641.19	3,562.72	78.47	46.401		
11,000.00	7,133.03	6,700.00	6,662.62	119.57	28.65	-67.72	-1,883.01	-6,099.06	3,547.15	3,467.27	79.88	44.405		
11,100.00	7,133.27	6,700.00	6,662.62	122.29	28.65	-67.72	-1,883.01	-6,099.06	3,453.44	3,372.05	81.39	42.430		
11,200.00	7,133.51	6,700.00	6,662.62	125.02	28.65	-67.72	-1,883.01	-6,099.06	3,360.10	3,277.09	83.01	40.478		
11,300.00	7,133.74	6,700.00	6,662.62	127.76	28.65	-67.72	-1,883.01	-6,099.06	3,267.15	3,182.41	84.75	38.552		
11,400.00	7,133.98	6,700.00	6,662.62	130.50	28.65	-67.72	-1,883.01	-6,099.06	3,174.63	3,088.02	86.61	36.655		
11,500.00	7,134.22	6,700.00	6,662.62	133.24	28.65	-67.72	-1,883.01	-6,099.06	3,082.58	2,993.98	88.60	34.791		
11,600.00	7,134.46	6,700.00	6,662.62	135.99	28.65	-67.72	-1,883.01	-6,099.06	2,991.03	2,900.29	90.74	32.962		
11,700.00	7,134.70	6,700.00	6,662.62	138.75	28.65	-67.72	-1,883.01	-6,099.06	2,900.05	2,807.01	93.04	31.171		
11,800.00	7,134.94	6,700.00	6,662.62	141.51	28.65	-67.72	-1,883.01	-6,099.06	2,809.68	2,714.18	95.50	29.420		
11,900.00	7,135.18	6,700.00	6,662.62	144.27	28.65	-67.72	-1,883.01	-6,099.06	2,719.98	2,621.84	98.14	27.714		
12,000.00	7,135.42	6,700.00	6,662.62	147.03	28.65	-67.72	-1,883.01	-6,099.06	2,631.03	2,530.04	100.98	26.054		
12,100.00	7,135.66	6,700.00	6,662.62	149.80	28.65	-67.72	-1,883.01	-6,099.06	2,542.89	2,438.86	104.03	24.444		
12,200.00	7,135.90	6,700.00	6,662.62	152.58	28.65	-67.72	-1,883.01	-6,099.06	2,455.67	2,348.37	107.30	22.886		
12,300.00	7,136.14	6,700.00	6,662.62	155.35	28.65	-67.72	-1,883.01	-6,099.06	2,369.45	2,258.64	110.81	21.383		
12,400.00	7,136.38	6,700.00	6,662.62	158.13	28.65	-67.72	-1,883.01	-6,099.06	2,284.36	2,169.78	114.58	19.936		
12,500.00	7,136.62	6,700.00	6,662.62	160.91	28.65	-67.72	-1,883.01	-6,099.06	2,200.52	2,081.89	118.63	18.549		
12,600.00	7,136.86	6,700.00	6,662.62	163.70	28.65	-67.72	-1,883.01	-6,099.06	2,118.09	1,995.12	122.97	17.224		
12,700.00	7,137.10	6,700.00	6,662.62	166.48	28.65	-67.72	-1,883.01	-6,099.06	2,037.23	1,909.60	127.63	15.963		
12,800.00	7,137.34	6,700.00	6,662.62	169.27	28.65	-67.72	-1,883.01	-6,099.06	1,958.14	1,825.53	132.60	14.767		
12,900.00	7,137.58	6,700.00	6,662.62	172.06	28.65	-67.72	-1,883.01	-6,099.06	1,881.04	1,743.12	137.92	13.638		
13,000.00	7,137.82	6,700.00	6,662.62	174.86	28.65	-67.72	-1,883.01	-6,099.06	1,806.19	1,662.60	143.59	12.579		
13,100.00	7,138.06	6,700.00	6,662.62	177.65	28.65	-67.72	-1,883.01	-6,099.06	1,733.87	1,584.27	149.60	11.590		
13,200.00	7,138.30	6,727.14	6,688.18	180.45	28.71	-68.99	-1,892.16	-6,099.05	1,663.85	1,506.80	157.05	10.595		
13,300.00	7,138.54	6,727.36	6,688.38	183.25	28.71	-69.00	-1,892.24	-6,099.05	1,597.61	1,433.82	163.79	9.754		
13,400.00	7,138.78	6,727.57	6,688.58	186.05	28.71	-69.01	-1,892.31	-6,099.05	1,535.03	1,364.22	170.81	8.987		
13,500.00	7,139.02	6,727.79	6,688.78	188.85	28.71	-69.02	-1,892.39	-6,099.05	1,476.58	1,298.54	178.05	8.293		
13,600.00	7,139.25	6,728.01	6,688.99	191.65	28.72	-69.03	-1,892.47	-6,099.05	1,422.77	1,237.37	185.40	7.674		
13,700.00	7,139.49	6,728.22	6,689.19	194.46	28.72	-69.04	-1,892.54	-6,099.05	1,374.13	1,181.40	192.74	7.130		
13,800.00	7,139.73	6,728.44	6,689.39	197.27	28.72	-69.05	-1,892.62	-6,099.05	1,331.25	1,131.34	199.91	6.659		
13,900.00	7,139.97	6,728.66	6,689.59	200.08	28.72	-69.06	-1,892.70	-6,099.05	1,294.68	1,087.96	206.71	6.263		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1200-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,140.21	6,728.88	6,689.80	202.89	28.72	-69.07	-1,892.77	-6,099.05	1,264.97	1,052.03	212.94	5.941		
14,100.00	7,140.45	6,729.09	6,690.00	205.70	28.72	-69.08	-1,892.85	-6,099.05	1,242.63	1,024.26	218.37	5.690		
14,200.00	7,140.69	6,729.31	6,690.20	208.51	28.72	-69.09	-1,892.93	-6,099.05	1,228.04	1,005.24	222.80	5.512		
14,300.00	7,140.93	6,729.53	6,690.41	211.32	28.72	-69.10	-1,893.01	-6,099.05	1,221.50	995.43	226.07	5.403		
14,330.16	7,141.00	6,729.59	6,690.47	212.17	28.72	-69.10	-1,893.03	-6,099.05	1,221.13	994.32	226.81	5.384 CC, ES		
14,400.00	7,141.17	6,729.75	6,690.61	214.14	28.72	-69.11	-1,893.08	-6,099.05	1,223.12	995.05	228.08	5.363 SF		
14,500.00	7,141.41	6,729.97	6,690.82	216.95	28.72	-69.12	-1,893.16	-6,099.05	1,232.88	1,004.09	228.79	5.389		
14,600.00	7,141.65	6,730.18	6,691.02	219.77	28.72	-69.13	-1,893.24	-6,099.05	1,250.59	1,022.33	228.26	5.479		
14,700.00	7,141.89	6,730.40	6,691.22	222.59	28.72	-69.14	-1,893.32	-6,099.05	1,275.91	1,049.30	226.60	5.631		
14,800.00	7,142.13	6,730.62	6,691.43	225.41	28.72	-69.15	-1,893.40	-6,099.05	1,308.40	1,084.42	223.98	5.842		
14,900.00	7,142.37	6,730.84	6,691.63	228.23	28.72	-69.16	-1,893.48	-6,099.05	1,347.54	1,126.97	220.57	6.109		
15,000.00	7,142.61	6,731.06	6,691.84	231.05	28.72	-69.17	-1,893.55	-6,099.05	1,392.78	1,176.20	216.58	6.431		
15,100.00	7,142.85	6,731.28	6,692.04	233.87	28.72	-69.18	-1,893.63	-6,099.05	1,443.54	1,231.38	212.16	6.804		
15,200.00	7,143.09	6,731.50	6,692.25	236.69	28.72	-69.19	-1,893.71	-6,099.05	1,499.26	1,291.76	207.49	7.226		
15,300.00	7,143.33	6,731.72	6,692.45	239.52	28.72	-69.20	-1,893.79	-6,099.05	1,559.40	1,356.71	202.69	7.693		
15,400.00	7,143.57	6,731.94	6,692.66	242.34	28.72	-69.21	-1,893.87	-6,099.05	1,623.49	1,425.61	197.87	8.205		
15,500.00	7,143.81	6,732.16	6,692.86	245.17	28.73	-69.22	-1,893.95	-6,099.05	1,691.06	1,497.95	193.10	8.757		
15,600.00	7,144.05	6,732.38	6,693.07	247.99	28.73	-69.23	-1,894.03	-6,099.05	1,761.71	1,573.27	188.44	9.349		
15,700.00	7,144.29	6,732.60	6,693.27	250.82	28.73	-69.25	-1,894.11	-6,099.05	1,835.10	1,651.16	183.94	9.977		
15,800.00	7,144.53	6,732.82	6,693.48	253.64	28.73	-69.26	-1,894.19	-6,099.05	1,910.91	1,731.30	179.61	10.639		
15,900.00	7,144.76	6,733.04	6,693.69	256.47	28.73	-69.27	-1,894.27	-6,099.05	1,988.85	1,813.38	175.47	11.334		
16,000.00	7,145.00	6,733.26	6,693.89	259.30	28.73	-69.28	-1,894.35	-6,099.05	2,068.69	1,897.16	171.54	12.060		
16,100.00	7,145.24	6,733.48	6,694.10	262.13	28.73	-69.29	-1,894.43	-6,099.05	2,150.22	1,982.42	167.80	12.814		
16,200.00	7,145.48	6,733.70	6,694.30	264.96	28.73	-69.30	-1,894.51	-6,099.05	2,233.25	2,068.99	164.26	13.596		
16,300.00	7,145.72	6,733.93	6,694.51	267.79	28.73	-69.31	-1,894.59	-6,099.05	2,317.63	2,156.71	160.92	14.402		
16,400.00	7,145.96	6,734.15	6,694.72	270.62	28.73	-69.32	-1,894.67	-6,099.05	2,403.20	2,245.44	157.76	15.233		
16,500.00	7,146.20	6,734.37	6,694.92	273.45	28.73	-69.33	-1,894.75	-6,099.05	2,489.84	2,335.07	154.78	16.087		
16,600.00	7,146.44	6,734.59	6,695.13	276.28	28.73	-69.34	-1,894.83	-6,099.05	2,577.46	2,425.49	151.96	16.961		
16,700.00	7,146.68	6,734.81	6,695.34	279.12	28.73	-69.35	-1,894.91	-6,099.05	2,665.94	2,516.64	149.30	17.856		
16,800.00	7,146.92	6,735.04	6,695.55	281.95	28.73	-69.36	-1,894.99	-6,099.05	2,755.21	2,608.42	146.80	18.769		
16,900.00	7,147.16	6,735.26	6,695.75	284.78	28.73	-69.37	-1,895.07	-6,099.05	2,845.20	2,700.77	144.43	19.700		
17,000.00	7,147.40	6,735.48	6,695.96	287.62	28.73	-69.38	-1,895.15	-6,099.05	2,935.84	2,793.64	142.19	20.647		
17,100.00	7,147.64	6,735.70	6,696.17	290.45	28.73	-69.39	-1,895.23	-6,099.05	3,027.06	2,886.98	140.08	21.610		
17,200.00	7,147.88	6,735.93	6,696.38	293.28	28.73	-69.40	-1,895.31	-6,099.05	3,118.82	2,980.75	138.08	22.587		
17,300.00	7,148.12	6,736.15	6,696.58	296.12	28.73	-69.41	-1,895.40	-6,099.05	3,211.08	3,074.89	136.19	23.579		
17,400.00	7,148.36	6,736.37	6,696.79	298.95	28.74	-69.42	-1,895.48	-6,099.05	3,303.78	3,169.39	134.39	24.583		
17,500.00	7,148.60	6,736.60	6,697.00	301.79	28.74	-69.43	-1,895.56	-6,099.05	3,396.90	3,264.20	132.70	25.599		
17,600.00	7,148.84	6,736.82	6,697.21	304.63	28.74	-69.44	-1,895.64	-6,099.05	3,490.40	3,359.31	131.09	26.626		
17,700.00	7,149.08	6,737.05	6,697.42	307.46	28.74	-69.45	-1,895.72	-6,099.05	3,584.25	3,454.69	129.56	27.665		
17,800.00	7,149.32	6,737.27	6,697.63	310.30	28.74	-69.46	-1,895.80	-6,099.05	3,678.43	3,550.32	128.11	28.713		
17,900.00	7,149.56	6,737.50	6,697.84	313.14	28.74	-69.48	-1,895.89	-6,099.05	3,772.90	3,646.17	126.73	29.770		
18,000.00	7,149.80	6,737.72	6,698.04	315.98	28.74	-69.49	-1,895.97	-6,099.05	3,867.65	3,742.23	125.42	30.836		
18,100.00	7,150.04	6,737.94	6,698.25	318.81	28.74	-69.50	-1,896.05	-6,099.05	3,962.66	3,838.48	124.18	31.911		
18,200.00	7,150.27	6,738.17	6,698.46	321.65	28.74	-69.51	-1,896.13	-6,099.05	4,057.91	3,934.92	122.99	32.993		
18,300.00	7,150.51	6,738.40	6,698.67	324.49	28.74	-69.52	-1,896.22	-6,099.05	4,153.39	4,031.52	121.86	34.082		
18,400.00	7,150.75	6,738.62	6,698.88	327.33	28.74	-69.53	-1,896.30	-6,099.05	4,249.07	4,128.28	120.79	35.178		
18,500.00	7,150.99	6,738.85	6,699.09	330.17	28.74	-69.54	-1,896.38	-6,099.05	4,344.94	4,225.18	119.76	36.280		
18,600.00	7,151.23	6,739.07	6,699.30	333.01	28.74	-69.55	-1,896.47	-6,099.05	4,441.00	4,322.22	118.78	37.388		
18,700.00	7,151.47	6,739.30	6,699.51	335.85	28.74	-69.56	-1,896.55	-6,099.05	4,537.23	4,419.38	117.85	38.501		
18,800.00	7,151.71	6,739.52	6,699.72	338.69	28.74	-69.57	-1,896.63	-6,099.05	4,633.62	4,516.66	116.95	39.619		
18,900.00	7,151.95	6,739.75	6,699.93	341.53	28.74	-69.58	-1,896.72	-6,099.05	4,730.16	4,614.06	116.10	40.742		
18,920.23	7,152.00	6,739.80	6,699.98	342.10	28.74	-69.58	-1,896.73	-6,099.05	4,749.70	4,633.77	115.93	40.970		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 800-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-110.45	-2,122.89	-5,693.71	6,076.60					
100.00	100.00	85.00	85.00	3.28	3.29	-110.45	-2,122.89	-5,693.71	6,076.60	6,070.03	6.57	924.900		
200.00	200.00	185.00	185.00	3.34	3.31	-110.45	-2,122.89	-5,693.71	6,076.60	6,069.95	6.64	914.866		
300.00	299.98	284.98	284.98	3.44	3.34	129.55	-2,122.89	-5,693.71	6,077.71	6,070.93	6.78	896.392		
400.00	399.84	384.84	384.84	3.60	3.39	129.53	-2,122.89	-5,693.71	6,081.04	6,074.06	6.98	871.043		
500.00	499.45	484.45	484.45	3.80	3.45	129.51	-2,122.89	-5,693.71	6,086.60	6,079.36	7.24	840.212		
600.00	598.70	583.70	583.70	4.04	3.52	129.48	-2,122.89	-5,693.71	6,094.39	6,086.82	7.56	805.811		
700.00	697.47	682.47	682.47	4.33	3.61	129.44	-2,122.89	-5,693.71	6,104.40	6,096.47	7.93	769.486		
800.00	795.62	780.62	780.62	4.65	3.70	129.38	-2,122.89	-5,693.71	6,116.65	6,108.30	8.35	732.529		
865.50	859.53	844.53	844.53	4.89	3.77	129.34	-2,122.89	-5,693.71	6,125.89	6,117.24	8.65	708.397		
900.00	893.10	878.10	878.10	5.02	3.80	129.40	-2,122.89	-5,693.71	6,131.00	6,122.19	8.81	695.884		
1,000.00	990.42	866.66	866.66	5.41	3.86	129.38	-2,122.61	-5,694.44	6,147.43	6,138.18	9.25	664.734		
1,100.00	1,087.73	900.00	899.98	5.83	3.94	129.44	-2,122.27	-5,695.34	6,164.55	6,154.83	9.72	634.093		
1,200.00	1,185.05	939.70	939.64	6.27	4.04	129.52	-2,121.68	-5,696.89	6,182.67	6,172.44	10.23	604.371		
1,300.00	1,282.36	1,000.00	999.84	6.72	4.20	129.64	-2,120.41	-5,700.23	6,201.92	6,191.11	10.81	573.758		
1,400.00	1,379.67	1,000.00	999.84	7.18	4.20	129.64	-2,120.41	-5,700.23	6,221.94	6,210.70	11.24	553.673		
1,500.00	1,476.99	1,047.26	1,046.95	7.65	4.33	129.74	-2,119.10	-5,703.68	6,243.01	6,231.20	11.81	528.778		
1,600.00	1,574.30	1,100.00	1,099.45	8.13	4.49	129.86	-2,117.31	-5,708.38	6,265.17	6,252.77	12.40	505.155		
1,700.00	1,671.61	1,100.00	1,099.45	8.62	4.49	129.86	-2,117.31	-5,708.38	6,288.25	6,275.41	12.84	489.666		
1,800.00	1,768.93	1,152.25	1,151.36	9.11	4.66	129.98	-2,115.19	-5,713.93	6,312.24	6,298.79	13.45	469.270		
1,900.00	1,866.24	1,200.00	1,198.70	9.60	4.82	130.10	-2,112.97	-5,719.77	6,337.31	6,323.26	14.05	450.960		
2,000.00	1,963.56	1,220.72	1,219.21	10.10	4.89	130.15	-2,111.92	-5,722.53	6,363.27	6,348.71	14.57	436.876		
2,100.00	2,060.87	1,275.32	1,273.17	10.61	5.10	130.29	-2,108.96	-5,730.31	6,390.19	6,374.99	15.20	420.333		
2,200.00	2,158.18	1,367.98	1,364.73	11.11	5.46	130.52	-2,103.89	-5,743.63	6,417.39	6,401.39	16.00	401.196		
2,300.00	2,255.50	1,460.64	1,456.28	11.62	5.84	130.75	-2,098.81	-5,756.96	6,444.70	6,427.89	16.81	383.411		
2,400.00	2,352.81	1,553.29	1,547.83	12.13	6.24	130.98	-2,093.74	-5,770.28	6,472.10	6,454.47	17.64	366.965		
2,500.00	2,450.13	1,645.95	1,639.39	12.65	6.65	131.20	-2,088.67	-5,783.61	6,499.62	6,481.14	18.48	351.763		
2,600.00	2,547.44	1,738.61	1,730.94	13.16	7.08	131.43	-2,083.59	-5,796.93	6,527.23	6,507.90	19.33	337.707		
2,700.00	2,644.75	1,831.26	1,822.49	13.68	7.51	131.65	-2,078.52	-5,810.26	6,554.94	6,534.75	20.19	324.701		
2,800.00	2,742.07	1,923.92	1,914.05	14.20	7.96	131.88	-2,073.45	-5,823.58	6,582.75	6,561.69	21.05	312.655		
2,900.00	2,839.38	2,016.58	2,005.60	14.71	8.41	132.10	-2,068.37	-5,836.91	6,610.65	6,588.73	21.93	301.481		
3,000.00	2,936.70	2,109.24	2,097.16	15.23	8.86	132.31	-2,063.30	-5,850.24	6,638.66	6,615.85	22.81	291.103		
3,100.00	3,034.01	2,201.89	2,188.71	15.76	9.33	132.53	-2,058.23	-5,863.56	6,666.75	6,643.07	23.69	281.446		
3,200.00	3,131.32	2,305.45	2,280.26	16.28	9.85	132.75	-2,053.15	-5,876.89	6,694.94	6,670.32	24.62	271.905		
3,300.00	3,228.64	2,387.21	2,371.82	16.80	10.26	132.96	-2,048.08	-5,890.21	6,723.23	6,697.76	25.46	264.043		
3,400.00	3,325.95	2,479.87	2,463.37	17.32	10.73	133.17	-2,043.01	-5,903.54	6,751.60	6,725.25	26.35	256.186		
3,500.00	3,423.26	2,572.52	2,554.92	17.85	11.21	133.38	-2,037.94	-5,916.86	6,780.06	6,752.82	27.25	248.826		
3,600.00	3,520.58	2,665.18	2,646.48	18.37	11.68	133.59	-2,032.86	-5,930.19	6,808.62	6,780.47	28.14	241.921		
3,700.00	3,617.89	2,757.84	2,738.03	18.90	12.16	133.80	-2,027.79	-5,943.51	6,837.26	6,808.21	29.04	235.432		
3,800.00	3,715.21	2,850.49	2,829.58	19.43	12.64	134.00	-2,022.72	-5,956.84	6,865.98	6,836.04	29.94	229.325		
3,900.00	3,812.52	2,943.15	2,921.14	19.95	13.13	134.20	-2,017.64	-5,970.16	6,894.79	6,863.95	30.84	223.568		
4,000.00	3,909.83	3,035.81	3,012.69	20.48	13.61	134.41	-2,012.57	-5,983.49	6,923.69	6,891.95	31.74	218.134		
4,100.00	4,007.15	3,128.47	3,104.25	21.01	14.10	134.61	-2,007.50	-5,996.81	6,952.67	6,920.03	32.64	212.997		
4,200.00	4,104.46	3,221.12	3,195.80	21.53	14.58	134.80	-2,002.42	-6,010.14	6,981.73	6,948.19	33.54	208.135		
4,300.00	4,201.78	3,313.78	3,287.35	22.06	15.07	135.00	-1,997.35	-6,023.46	7,010.88	6,976.43	34.45	203.526		
4,400.00	4,299.09	3,406.44	3,378.91	22.59	15.56	135.20	-1,992.28	-6,036.79	7,040.10	7,004.75	35.35	199.153		
4,500.00	4,396.40	3,500.90	3,470.46	23.12	16.06	135.39	-1,987.20	-6,050.12	7,069.40	7,033.14	36.26	194.953		
4,600.00	4,493.72	3,608.25	3,562.01	23.65	16.63	135.58	-1,982.13	-6,063.44	7,098.78	7,061.55	37.23	190.651		
4,700.00	4,591.03	3,684.41	3,653.57	24.18	17.03	135.78	-1,977.06	-6,076.77	7,128.24	7,090.18	38.06	187.285		
4,800.00	4,688.34	3,777.07	3,745.12	24.71	17.53	135.96	-1,971.99	-6,090.09	7,157.78	7,118.81	38.96	183.698		
4,900.00	4,785.66	3,869.72	3,836.67	25.24	18.02	136.15	-1,966.91	-6,103.42	7,187.39	7,147.52	39.87	180.275		
5,000.00	4,882.97	3,962.38	3,928.23	25.77	18.51	136.34	-1,961.84	-6,116.74	7,217.07	7,176.30	40.77	177.006		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 800-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,980.29	4,055.04	4,019.78	26.30	19.01	136.52	-1,956.77	-6,130.07	7,246.83	7,205.15	41.68	173.881		
5,200.00	5,077.60	4,147.70	4,111.34	26.83	19.50	136.71	-1,951.69	-6,143.39	7,276.66	7,234.08	42.58	170.891		
5,300.00	5,174.91	4,240.35	4,202.89	27.36	20.00	136.89	-1,946.62	-6,156.72	7,306.57	7,263.08	43.48	168.027		
5,400.00	5,272.23	4,333.01	4,294.44	27.89	20.49	137.07	-1,941.55	-6,170.04	7,336.54	7,292.15	44.39	165.282		
5,500.00	5,369.54	4,425.67	4,386.00	28.42	20.99	137.25	-1,936.47	-6,183.37	7,366.58	7,321.29	45.29	162.648		
5,600.00	5,466.86	4,518.33	4,477.55	28.95	21.48	137.43	-1,931.40	-6,196.69	7,396.70	7,350.50	46.19	160.120		
5,700.00	5,564.17	4,610.98	4,569.10	29.48	21.98	137.61	-1,926.33	-6,210.02	7,426.88	7,379.78	47.10	157.690		
5,800.00	5,661.48	4,703.64	4,660.66	30.01	22.48	137.78	-1,921.25	-6,223.34	7,457.13	7,409.13	48.00	155.354		
5,900.00	5,758.80	4,803.70	4,752.21	30.54	23.01	137.96	-1,916.18	-6,236.67	7,487.44	7,438.51	48.94	152.998		
6,000.00	5,856.11	4,888.95	4,843.76	31.07	23.47	138.13	-1,911.11	-6,250.00	7,517.83	7,468.02	49.81	150.943		
6,100.00	5,953.43	4,981.61	4,935.32	31.61	23.97	138.30	-1,906.04	-6,263.32	7,548.27	7,497.57	50.71	148.858		
6,200.00	6,050.74	5,074.27	5,026.87	32.14	24.47	138.47	-1,900.96	-6,276.65	7,578.78	7,527.17	51.61	146.848		
6,300.00	6,148.05	5,166.93	5,118.43	32.67	24.97	138.64	-1,895.89	-6,289.97	7,609.36	7,556.85	52.51	144.909		
6,400.00	6,245.37	5,259.58	5,209.98	33.20	25.46	138.81	-1,890.82	-6,303.30	7,640.00	7,586.58	53.41	143.037		
6,500.00	6,342.68	5,352.24	5,301.53	33.73	25.96	138.97	-1,885.74	-6,316.62	7,670.70	7,616.38	54.31	141.229		
6,520.81	6,362.93	5,371.52	5,320.58	33.85	26.07	139.01	-1,884.69	-6,319.40	7,677.09	7,622.59	54.50	140.861		
6,550.00	6,391.46	5,401.21	5,347.53	34.00	26.23	132.90	-1,883.19	-6,323.32	7,685.45	7,630.67	54.77	140.314		
6,600.00	6,440.79	5,446.39	5,394.56	34.23	26.47	114.28	-1,880.59	-6,330.16	7,696.83	7,641.63	55.20	139.432		
6,650.00	6,490.44	5,505.12	5,442.47	34.43	26.79	79.32	-1,877.93	-6,337.14	7,704.46	7,648.79	55.67	138.385		
6,700.00	6,540.10	5,543.95	5,490.96	34.60	26.99	43.31	-1,875.25	-6,344.19	7,708.29	7,652.26	56.03	137.582		
6,750.00	6,589.46	5,593.30	5,539.72	34.76	27.26	23.50	-1,872.55	-6,351.29	7,708.29	7,651.89	56.41	136.658		
6,800.00	6,638.22	6,600.00	6,540.78	34.92	31.86	14.13	-1,844.25	-6,429.67	7,701.81	7,640.14	61.67	124.893		
6,850.00	6,686.09	6,600.00	6,540.78	35.07	31.86	8.17	-1,844.25	-6,429.67	7,688.28	7,626.52	61.77	124.474		
6,900.00	6,732.75	6,642.72	6,583.31	35.24	31.99	4.23	-1,848.16	-6,429.67	7,671.10	7,609.09	62.01	123.713		
6,950.00	6,777.94	6,661.02	6,601.45	35.42	32.04	1.36	-1,850.56	-6,429.67	7,650.61	7,588.47	62.15	123.107		
7,000.00	6,821.36	6,700.00	6,639.88	35.61	32.16	-0.96	-1,857.12	-6,429.67	7,626.92	7,564.57	62.35	122.321		
7,050.00	6,862.75	6,700.00	6,639.88	35.83	32.16	-2.91	-1,857.12	-6,429.67	7,599.93	7,537.53	62.40	121.797		
7,100.00	6,901.85	6,700.00	6,639.88	36.06	32.16	-4.71	-1,857.12	-6,429.67	7,570.03	7,507.59	62.43	121.247		
7,150.00	6,938.43	6,700.00	6,639.88	36.32	32.16	-6.47	-1,857.12	-6,429.67	7,537.36	7,474.89	62.46	120.671		
7,200.00	6,972.26	6,738.65	6,677.60	36.61	32.26	-8.45	-1,865.55	-6,429.67	7,501.84	7,439.22	62.62	119.806		
7,250.00	7,003.13	6,750.72	6,689.27	36.93	32.29	-10.56	-1,868.56	-6,429.67	7,463.97	7,401.30	62.68	119.089		
7,300.00	7,030.85	6,761.45	6,699.62	37.29	32.32	-13.01	-1,871.41	-6,429.67	7,423.86	7,361.14	62.73	118.351		
7,350.00	7,055.25	6,770.80	6,708.61	37.68	32.35	-15.99	-1,874.00	-6,429.67	7,381.74	7,318.96	62.77	117.593		
7,400.00	7,076.17	6,800.00	6,736.45	38.12	32.42	-19.99	-1,882.81	-6,429.67	7,337.92	7,275.02	62.89	116.673		
7,450.00	7,093.50	6,800.00	6,736.45	38.60	32.42	-24.97	-1,882.81	-6,429.67	7,292.45	7,229.54	62.91	115.921		
7,500.00	7,107.11	6,800.00	6,736.45	39.11	32.42	-31.85	-1,882.81	-6,429.67	7,245.75	7,182.82	62.93	115.141		
7,550.00	7,116.94	6,800.00	6,736.45	39.66	32.42	-41.69	-1,882.81	-6,429.67	7,198.07	7,135.12	62.96	114.336		
7,600.00	7,122.91	6,800.00	6,736.45	40.24	32.42	-55.83	-1,882.81	-6,429.67	7,149.70	7,086.71	62.99	113.507		
7,650.18	7,125.08	6,800.00	6,736.45	40.85	32.42	-74.82	-1,882.81	-6,429.67	7,100.75	7,037.71	63.03	112.652		
7,700.00	7,125.12	6,800.00	6,736.45	41.48	32.42	-74.82	-1,882.81	-6,429.67	7,052.04	6,988.96	63.08	111.792		
7,800.00	7,125.36	6,800.00	6,736.45	42.88	32.42	-74.82	-1,882.81	-6,429.67	6,954.33	6,891.14	63.19	110.051		
7,900.00	7,125.60	6,800.00	6,736.45	44.42	32.42	-74.82	-1,882.81	-6,429.67	6,856.69	6,793.37	63.32	108.288		
8,000.00	7,125.84	6,800.00	6,736.45	46.10	32.42	-74.82	-1,882.81	-6,429.67	6,759.11	6,695.65	63.46	106.502		
8,100.00	7,126.08	6,800.00	6,736.45	47.89	32.42	-74.82	-1,882.81	-6,429.67	6,661.61	6,597.98	63.63	104.694		
8,200.00	7,126.32	6,800.00	6,736.45	49.79	32.42	-74.82	-1,882.81	-6,429.67	6,564.18	6,500.36	63.81	102.863		
8,300.00	7,126.56	6,800.00	6,736.45	51.79	32.42	-74.82	-1,882.81	-6,429.67	6,466.83	6,402.80	64.02	101.009		
8,400.00	7,126.80	6,800.00	6,736.45	53.86	32.42	-74.82	-1,882.81	-6,429.67	6,369.56	6,305.31	64.25	99.133		
8,500.00	7,127.04	6,800.00	6,736.45	56.00	32.42	-74.82	-1,882.81	-6,429.67	6,272.38	6,207.87	64.51	97.234		
8,600.00	7,127.28	6,800.00	6,736.45	58.21	32.42	-74.82	-1,882.81	-6,429.67	6,175.28	6,110.49	64.79	95.314		
8,689.38	7,127.49	6,800.00	6,736.45	60.24	32.42	-74.82	-1,882.81	-6,429.67	6,088.58	6,023.51	65.06	93.578		
8,700.00	7,127.52	6,800.00	6,736.45	60.48	32.42	-74.59	-1,882.81	-6,429.67	6,078.28	6,013.18	65.10	93.371		
8,800.00	7,127.76	6,800.00	6,736.45	62.79	32.42	-72.13	-1,882.81	-6,429.67	5,980.90	5,915.49	65.41	91.444		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,841.07	7,127.85	6,800.00	6,736.45	63.74	32.42	-70.90	-1,882.81	-6,429.67	5,940.72	5,875.19	65.52	90.664		
8,900.00	7,128.00	6,800.00	6,736.45	65.12	32.42	-70.90	-1,882.81	-6,429.67	5,883.00	5,817.31	65.69	89.552		
9,000.00	7,128.23	6,800.00	6,736.45	67.50	32.42	-70.90	-1,882.81	-6,429.67	5,785.11	5,719.11	66.00	87.654		
9,100.00	7,128.47	6,800.00	6,736.45	69.91	32.42	-70.90	-1,882.81	-6,429.67	5,687.30	5,620.97	66.33	85.743		
9,200.00	7,128.71	6,800.00	6,736.45	72.35	32.42	-70.90	-1,882.81	-6,429.67	5,589.56	5,522.88	66.68	83.821		
9,300.00	7,128.95	6,800.00	6,736.45	74.83	32.42	-70.90	-1,882.81	-6,429.67	5,491.91	5,424.84	67.07	81.887		
9,400.00	7,129.19	6,800.00	6,736.45	77.33	32.42	-70.90	-1,882.81	-6,429.67	5,394.34	5,326.86	67.48	79.942		
9,500.00	7,129.43	6,800.00	6,736.45	79.86	32.42	-70.90	-1,882.81	-6,429.67	5,296.86	5,228.94	67.92	77.986		
9,600.00	7,129.67	6,800.00	6,736.45	82.41	32.42	-70.90	-1,882.81	-6,429.67	5,199.48	5,131.09	68.39	76.021		
9,700.00	7,129.91	6,800.00	6,736.45	84.97	32.42	-70.90	-1,882.81	-6,429.67	5,102.20	5,033.30	68.90	74.048		
9,800.00	7,130.15	6,800.00	6,736.45	87.56	32.42	-70.90	-1,882.81	-6,429.67	5,005.03	4,935.58	69.45	72.066		
9,900.00	7,130.39	6,800.00	6,736.45	90.16	32.42	-70.90	-1,882.81	-6,429.67	4,907.97	4,837.93	70.04	70.078		
10,000.00	7,130.63	6,800.00	6,736.45	92.78	32.42	-70.90	-1,882.81	-6,429.67	4,811.03	4,740.37	70.66	68.084		
10,100.00	7,130.87	6,800.00	6,736.45	95.41	32.42	-70.90	-1,882.81	-6,429.67	4,714.22	4,642.88	71.34	66.085		
10,200.00	7,131.11	6,800.00	6,736.45	98.06	32.42	-70.90	-1,882.81	-6,429.67	4,617.54	4,545.49	72.05	64.084		
10,300.00	7,131.35	6,800.00	6,736.45	100.71	32.42	-70.90	-1,882.81	-6,429.67	4,521.01	4,448.19	72.82	62.081		
10,400.00	7,131.59	6,800.00	6,736.45	103.38	32.42	-70.90	-1,882.81	-6,429.67	4,424.63	4,350.99	73.65	60.079		
10,500.00	7,131.83	6,800.00	6,736.45	106.06	32.42	-70.90	-1,882.81	-6,429.67	4,328.42	4,253.89	74.53	58.078		
10,600.00	7,132.07	6,800.00	6,736.45	108.74	32.42	-70.90	-1,882.81	-6,429.67	4,232.39	4,156.92	75.47	56.080		
10,700.00	7,132.31	6,800.00	6,736.45	111.44	32.42	-70.90	-1,882.81	-6,429.67	4,136.54	4,060.06	76.48	54.089		
10,800.00	7,132.55	6,800.00	6,736.45	114.14	32.42	-70.90	-1,882.81	-6,429.67	4,040.89	3,963.34	77.55	52.105		
10,900.00	7,132.79	6,800.00	6,736.45	116.85	32.42	-70.90	-1,882.81	-6,429.67	3,945.46	3,866.75	78.70	50.130		
11,000.00	7,133.03	6,800.00	6,736.45	119.57	32.42	-70.90	-1,882.81	-6,429.67	3,850.26	3,770.32	79.93	48.167		
11,100.00	7,133.27	6,800.00	6,736.45	122.29	32.42	-70.90	-1,882.81	-6,429.67	3,755.31	3,674.06	81.25	46.219		
11,200.00	7,133.51	6,800.00	6,736.45	125.02	32.42	-70.90	-1,882.81	-6,429.67	3,660.62	3,577.97	82.66	44.287		
11,300.00	7,133.74	6,800.00	6,736.45	127.76	32.42	-70.90	-1,882.81	-6,429.67	3,566.23	3,482.07	84.16	42.374		
11,400.00	7,133.98	6,800.00	6,736.45	130.50	32.42	-70.90	-1,882.81	-6,429.67	3,472.16	3,386.39	85.77	40.482		
11,500.00	7,134.22	6,800.00	6,736.45	133.24	32.42	-70.90	-1,882.81	-6,429.67	3,378.42	3,290.93	87.49	38.614		
11,600.00	7,134.46	6,800.00	6,736.45	135.99	32.42	-70.90	-1,882.81	-6,429.67	3,285.05	3,195.72	89.33	36.773		
11,700.00	7,134.70	6,800.00	6,736.45	138.75	32.42	-70.90	-1,882.81	-6,429.67	3,192.08	3,100.78	91.30	34.961		
11,800.00	7,134.94	6,800.00	6,736.45	141.51	32.42	-70.90	-1,882.81	-6,429.67	3,099.56	3,006.14	93.42	33.180		
11,900.00	7,135.18	6,800.00	6,736.45	144.27	32.42	-70.90	-1,882.81	-6,429.67	3,007.51	2,911.83	95.68	31.434		
12,000.00	7,135.42	6,800.00	6,736.45	147.03	32.42	-70.90	-1,882.81	-6,429.67	2,915.98	2,817.88	98.10	29.725		
12,100.00	7,135.66	6,800.00	6,736.45	149.80	32.42	-70.90	-1,882.81	-6,429.67	2,825.03	2,724.33	100.70	28.055		
12,200.00	7,135.90	6,800.00	6,736.45	152.58	32.42	-70.90	-1,882.81	-6,429.67	2,734.71	2,631.23	103.48	26.427		
12,300.00	7,136.14	6,800.00	6,736.45	155.35	32.42	-70.90	-1,882.81	-6,429.67	2,645.09	2,538.62	106.47	24.844		
12,400.00	7,136.38	6,800.00	6,736.45	158.13	32.42	-70.90	-1,882.81	-6,429.67	2,556.23	2,446.56	109.67	23.307		
12,500.00	7,136.62	6,800.00	6,736.45	160.91	32.42	-70.90	-1,882.81	-6,429.67	2,468.23	2,355.12	113.12	21.820		
12,600.00	7,136.86	6,800.00	6,736.45	163.70	32.42	-70.90	-1,882.81	-6,429.67	2,381.18	2,264.37	116.81	20.385		
12,700.00	7,137.10	6,800.00	6,736.45	166.48	32.42	-70.90	-1,882.81	-6,429.67	2,295.19	2,174.40	120.78	19.003		
12,800.00	7,137.34	6,800.00	6,736.45	169.27	32.42	-70.90	-1,882.81	-6,429.67	2,210.37	2,085.32	125.04	17.677		
12,900.00	7,137.58	6,800.00	6,736.45	172.06	32.42	-70.90	-1,882.81	-6,429.67	2,126.87	1,997.25	129.62	16.408		
13,000.00	7,137.82	6,800.00	6,736.45	174.86	32.42	-70.90	-1,882.81	-6,429.67	2,044.85	1,910.32	134.53	15.200		
13,100.00	7,138.06	6,800.00	6,736.45	177.65	32.42	-70.90	-1,882.81	-6,429.67	1,964.50	1,824.71	139.79	14.053		
13,200.00	7,138.30	6,800.00	6,736.45	180.45	32.42	-70.90	-1,882.81	-6,429.67	1,886.03	1,740.61	145.42	12.970		
13,300.00	7,138.54	6,800.00	6,736.45	183.25	32.42	-70.90	-1,882.81	-6,429.67	1,809.69	1,658.25	151.43	11.951		
13,400.00	7,138.78	6,800.00	6,736.45	186.05	32.42	-70.90	-1,882.81	-6,429.67	1,735.74	1,577.92	157.83	10.998		
13,500.00	7,139.02	6,800.00	6,736.45	188.85	32.42	-70.90	-1,882.81	-6,429.67	1,664.53	1,499.92	164.61	10.112		
13,600.00	7,139.25	6,800.00	6,736.45	191.65	32.42	-70.90	-1,882.81	-6,429.67	1,596.40	1,424.65	171.75	9.295		
13,700.00	7,139.49	6,800.00	6,736.45	194.46	32.42	-70.90	-1,882.81	-6,429.67	1,531.78	1,352.56	179.23	8.547		
13,800.00	7,139.73	6,800.00	6,736.45	197.27	32.42	-70.90	-1,882.81	-6,429.67	1,471.12	1,284.16	186.96	7.869		
13,900.00	7,139.97	6,800.00	6,736.45	200.08	32.42	-70.90	-1,882.81	-6,429.67	1,414.94	1,220.07	194.87	7.261		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 800-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,140.21	6,800.00	6,736.45	202.89	32.42	-70.90	-1,882.81	-6,429.67	1,363.78	1,160.96	202.82	6.724		
14,100.00	7,140.45	6,800.00	6,736.45	205.70	32.42	-70.90	-1,882.81	-6,429.67	1,318.23	1,107.60	210.64	6.258		
14,200.00	7,140.69	6,800.00	6,736.45	208.51	32.42	-70.90	-1,882.81	-6,429.67	1,278.90	1,060.78	218.12	5.863		
14,300.00	7,140.93	6,800.00	6,736.45	211.32	32.42	-70.90	-1,882.81	-6,429.67	1,246.37	1,021.34	225.03	5.539		
14,400.00	7,141.17	6,800.00	6,736.45	214.14	32.42	-70.90	-1,882.81	-6,429.67	1,221.18	990.07	231.11	5.284		
14,500.00	7,141.41	6,800.00	6,736.45	216.95	32.42	-70.90	-1,882.81	-6,429.67	1,203.80	967.67	236.12	5.098		
14,600.00	7,141.65	6,800.00	6,736.45	219.77	32.42	-70.90	-1,882.81	-6,429.67	1,194.56	954.70	239.86	4.980		
14,660.76	7,141.80	6,800.00	6,736.45	221.48	32.42	-70.90	-1,882.81	-6,429.67	1,193.01	951.56	241.45	4.941 CC		
14,700.00	7,141.89	6,800.00	6,736.45	222.59	32.42	-70.90	-1,882.81	-6,429.67	1,193.66	951.46	242.20	4.928 ES, SF		
14,800.00	7,142.13	6,800.00	6,736.45	225.41	32.42	-70.90	-1,882.81	-6,429.67	1,201.11	958.05	243.07	4.942		
14,900.00	7,142.37	6,800.00	6,736.45	228.23	32.42	-70.90	-1,882.81	-6,429.67	1,216.77	974.25	242.51	5.017		
15,000.00	7,142.61	6,800.00	6,736.45	231.05	32.42	-70.90	-1,882.81	-6,429.67	1,240.31	999.64	240.66	5.154		
15,100.00	7,142.85	6,800.00	6,736.45	233.87	32.42	-70.90	-1,882.81	-6,429.67	1,271.30	1,033.60	237.70	5.348		
15,200.00	7,143.09	6,800.00	6,736.45	236.69	32.42	-70.90	-1,882.81	-6,429.67	1,309.22	1,075.39	233.83	5.599		
15,300.00	7,143.33	6,800.00	6,736.45	239.52	32.42	-70.90	-1,882.81	-6,429.67	1,353.48	1,124.19	229.29	5.903		
15,400.00	7,143.57	6,800.00	6,736.45	242.34	32.42	-70.90	-1,882.81	-6,429.67	1,403.48	1,179.21	224.27	6.258		
15,500.00	7,143.81	6,800.00	6,736.45	245.17	32.42	-70.90	-1,882.81	-6,429.67	1,458.63	1,239.66	218.97	6.661		
15,600.00	7,144.05	6,800.00	6,736.45	247.99	32.42	-70.90	-1,882.81	-6,429.67	1,518.37	1,304.83	213.54	7.110		
15,700.00	7,144.29	6,800.00	6,736.45	250.82	32.42	-70.90	-1,882.81	-6,429.67	1,582.18	1,374.08	208.10	7.603		
15,800.00	7,144.53	6,800.00	6,736.45	253.64	32.42	-70.90	-1,882.81	-6,429.67	1,649.59	1,446.85	202.74	8.137		
15,900.00	7,144.76	6,800.00	6,736.45	256.47	32.42	-70.90	-1,882.81	-6,429.67	1,720.17	1,522.65	197.52	8.709		
16,000.00	7,145.00	6,800.00	6,736.45	259.30	32.42	-70.90	-1,882.81	-6,429.67	1,793.55	1,601.07	192.49	9.318		
16,100.00	7,145.24	6,800.00	6,736.45	262.13	32.42	-70.90	-1,882.81	-6,429.67	1,869.41	1,681.74	187.67	9.961		
16,200.00	7,145.48	6,800.00	6,736.45	264.96	32.42	-70.90	-1,882.81	-6,429.67	1,947.44	1,764.36	183.08	10.637		
16,300.00	7,145.72	6,800.00	6,736.45	267.79	32.42	-70.90	-1,882.81	-6,429.67	2,027.41	1,848.68	178.73	11.344		
16,400.00	7,145.96	6,800.00	6,736.45	270.62	32.42	-70.90	-1,882.81	-6,429.67	2,109.08	1,934.47	174.61	12.079		
16,500.00	7,146.20	6,800.00	6,736.45	273.45	32.42	-70.90	-1,882.81	-6,429.67	2,192.28	2,021.56	170.72	12.841		
16,600.00	7,146.44	6,800.00	6,736.45	276.28	32.42	-70.90	-1,882.81	-6,429.67	2,276.82	2,109.77	167.05	13.629		
16,700.00	7,146.68	6,800.00	6,736.45	279.12	32.42	-70.90	-1,882.81	-6,429.67	2,362.58	2,198.98	163.60	14.442		
16,800.00	7,146.92	6,800.00	6,736.45	281.95	32.42	-70.90	-1,882.81	-6,429.67	2,449.41	2,289.07	160.34	15.276		
16,900.00	7,147.16	6,800.00	6,736.45	284.78	32.42	-70.90	-1,882.81	-6,429.67	2,537.22	2,379.94	157.28	16.132		
17,000.00	7,147.40	6,800.00	6,736.45	287.62	32.42	-70.90	-1,882.81	-6,429.67	2,625.89	2,471.50	154.39	17.008		
17,100.00	7,147.64	6,800.00	6,736.45	290.45	32.42	-70.90	-1,882.81	-6,429.67	2,715.36	2,563.68	151.67	17.903		
17,200.00	7,147.88	6,800.00	6,736.45	293.28	32.42	-70.90	-1,882.81	-6,429.67	2,805.53	2,656.42	149.11	18.815		
17,300.00	7,148.12	6,800.00	6,736.45	296.12	32.42	-70.90	-1,882.81	-6,429.67	2,896.35	2,749.66	146.69	19.744		
17,400.00	7,148.36	6,800.00	6,736.45	298.95	32.42	-70.90	-1,882.81	-6,429.67	2,987.76	2,843.35	144.41	20.689		
17,500.00	7,148.60	6,800.00	6,736.45	301.79	32.42	-70.90	-1,882.81	-6,429.67	3,079.70	2,937.44	142.26	21.649		
17,600.00	7,148.84	6,800.00	6,736.45	304.63	32.42	-70.90	-1,882.81	-6,429.67	3,172.13	3,031.90	140.22	22.622		
17,700.00	7,149.08	6,800.00	6,736.45	307.46	32.42	-70.90	-1,882.81	-6,429.67	3,265.00	3,126.70	138.30	23.608		
17,800.00	7,149.32	6,800.00	6,736.45	310.30	32.42	-70.90	-1,882.81	-6,429.67	3,358.29	3,221.81	136.48	24.606		
17,900.00	7,149.56	6,800.00	6,736.45	313.14	32.42	-70.90	-1,882.81	-6,429.67	3,451.95	3,317.19	134.76	25.616		
18,000.00	7,149.80	6,800.00	6,736.45	315.98	32.42	-70.90	-1,882.81	-6,429.67	3,545.95	3,412.83	133.12	26.637		
18,100.00	7,150.04	6,800.00	6,736.45	318.81	32.42	-70.90	-1,882.81	-6,429.67	3,640.28	3,508.71	131.57	27.667		
18,200.00	7,150.27	6,800.00	6,736.45	321.65	32.42	-70.90	-1,882.81	-6,429.67	3,734.90	3,604.80	130.10	28.708		
18,300.00	7,150.51	6,800.00	6,736.45	324.49	32.42	-70.90	-1,882.81	-6,429.67	3,829.79	3,701.09	128.70	29.756		
18,400.00	7,150.75	6,800.00	6,736.45	327.33	32.42	-70.90	-1,882.81	-6,429.67	3,924.94	3,797.57	127.38	30.814		
18,500.00	7,150.99	6,800.00	6,736.45	330.17	32.42	-70.90	-1,882.81	-6,429.67	4,020.33	3,894.21	126.11	31.879		
18,600.00	7,151.23	6,800.00	6,736.45	333.01	32.42	-70.90	-1,882.81	-6,429.67	4,115.93	3,991.02	124.91	32.951		
18,700.00	7,151.47	6,800.00	6,736.45	335.85	32.42	-70.90	-1,882.81	-6,429.67	4,211.74	4,087.97	123.77	34.030		
18,800.00	7,151.71	6,800.00	6,736.45	338.69	32.42	-70.90	-1,882.81	-6,429.67	4,307.73	4,185.06	122.68	35.115		
18,900.00	7,151.95	6,800.00	6,736.45	341.53	32.42	-70.90	-1,882.81	-6,429.67	4,403.91	4,282.27	121.64	36.206		
18,920.23	7,152.00	6,800.00	6,736.45	342.10	32.42	-70.90	-1,882.81	-6,429.67	4,423.39	4,301.96	121.43	36.427		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1500-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-110.75	-2,122.91	-5,601.93	5,990.69					
100.00	100.00	85.00	85.00	3.28	3.29	-110.75	-2,122.91	-5,601.93	5,990.69	5,984.12	6.57	911.825		
200.00	200.00	185.00	185.00	3.34	3.31	-110.75	-2,122.91	-5,601.93	5,990.69	5,984.05	6.64	901.932		
300.00	299.98	284.98	284.98	3.44	3.34	129.24	-2,122.91	-5,601.93	5,991.80	5,985.02	6.78	883.720		
400.00	399.84	384.84	384.84	3.60	3.39	129.23	-2,122.91	-5,601.93	5,995.11	5,988.13	6.98	858.734		
500.00	499.45	484.45	484.45	3.80	3.45	129.21	-2,122.91	-5,601.93	6,000.63	5,993.39	7.24	828.345		
600.00	598.70	583.70	583.70	4.04	3.52	129.18	-2,122.91	-5,601.93	6,008.37	6,000.80	7.56	794.436		
700.00	697.47	682.47	682.47	4.33	3.61	129.14	-2,122.91	-5,601.93	6,018.32	6,010.39	7.93	758.630		
800.00	795.62	780.62	780.62	4.65	3.70	129.09	-2,122.91	-5,601.93	6,030.49	6,022.14	8.35	722.198		
865.50	859.53	844.53	844.53	4.89	3.77	129.05	-2,122.91	-5,601.93	6,039.67	6,031.02	8.65	698.408		
900.00	893.10	878.10	878.10	5.02	3.80	129.10	-2,122.91	-5,601.93	6,044.76	6,035.95	8.81	686.072		
1,000.00	990.42	1,603.66	1,603.06	5.41	4.98	130.35	-2,116.28	-5,592.98	6,081.34	6,070.96	10.38	585.960		
1,100.00	1,087.73	1,701.39	1,700.23	5.83	5.32	130.54	-2,110.02	-5,584.53	6,086.07	6,074.97	11.11	548.040		
1,200.00	1,185.05	1,799.13	1,797.39	6.27	5.67	130.73	-2,103.76	-5,576.07	6,090.87	6,079.01	11.86	513.363		
1,300.00	1,282.36	1,903.13	1,894.56	6.72	6.07	130.92	-2,097.50	-5,567.62	6,095.74	6,083.07	12.67	480.975		
1,400.00	1,379.67	2,005.40	1,991.73	7.18	6.48	131.11	-2,091.24	-5,559.16	6,100.68	6,087.18	13.50	451.917		
1,500.00	1,476.99	2,107.66	2,088.90	7.65	6.90	131.30	-2,084.98	-5,550.71	6,105.69	6,091.35	14.34	425.653		
1,600.00	1,574.30	2,209.93	2,186.07	8.13	7.33	131.49	-2,078.72	-5,542.25	6,110.77	6,095.57	15.20	401.899		
1,700.00	1,671.61	2,287.81	2,283.24	8.62	7.66	131.68	-2,072.46	-5,533.80	6,115.92	6,099.94	15.98	382.706		
1,800.00	1,768.93	2,385.55	2,380.40	9.11	8.08	131.87	-2,066.20	-5,525.35	6,121.13	6,104.29	16.85	363.364		
1,900.00	1,866.24	2,483.28	2,477.57	9.60	8.51	132.06	-2,059.94	-5,516.89	6,126.42	6,108.70	17.72	345.736		
2,000.00	1,963.56	2,581.02	2,574.74	10.10	8.94	132.24	-2,053.68	-5,508.44	6,131.77	6,113.17	18.60	329.630		
2,100.00	2,060.87	2,678.75	2,671.91	10.61	9.38	132.43	-2,047.42	-5,499.98	6,137.19	6,117.70	19.49	314.877		
2,200.00	2,158.18	2,776.49	2,769.08	11.11	9.82	132.62	-2,041.16	-5,491.53	6,142.68	6,122.30	20.39	301.327		
2,300.00	2,255.50	2,874.23	2,866.24	11.62	10.27	132.80	-2,034.90	-5,483.07	6,148.24	6,126.95	21.29	288.851		
2,400.00	2,352.81	2,971.96	2,963.41	12.13	10.72	132.99	-2,028.64	-5,474.62	6,153.86	6,131.68	22.19	277.335		
2,500.00	2,450.13	3,069.70	3,060.58	12.65	11.17	133.18	-2,022.38	-5,466.16	6,159.56	6,136.46	23.10	266.678		
2,600.00	2,547.44	3,167.43	3,157.75	13.16	11.62	133.36	-2,016.12	-5,457.71	6,165.32	6,141.31	24.01	256.794		
2,700.00	2,644.75	3,265.17	3,254.92	13.68	12.07	133.55	-2,009.86	-5,449.25	6,171.14	6,146.22	24.92	247.606		
2,800.00	2,742.07	3,362.91	3,352.09	14.20	12.53	133.73	-2,003.61	-5,440.80	6,177.04	6,151.20	25.84	239.045		
2,900.00	2,839.38	3,460.64	3,449.25	14.71	12.99	133.92	-1,997.35	-5,432.34	6,183.00	6,156.24	26.76	231.054		
3,000.00	2,936.70	3,558.38	3,546.42	15.23	13.45	134.10	-1,991.09	-5,423.89	6,189.03	6,161.35	27.68	223.578		
3,100.00	3,034.01	3,656.11	3,643.59	15.76	13.91	134.28	-1,984.83	-5,415.43	6,195.12	6,166.52	28.61	216.573		
3,200.00	3,131.32	3,753.85	3,740.76	16.28	14.37	134.47	-1,978.57	-5,406.98	6,201.28	6,171.75	29.53	209.995		
3,300.00	3,228.64	3,851.59	3,837.93	16.80	14.83	134.65	-1,972.31	-5,398.53	6,207.51	6,177.05	30.46	203.809		
3,400.00	3,325.95	3,949.32	3,935.09	17.32	15.29	134.83	-1,966.05	-5,390.07	6,213.80	6,182.41	31.39	197.982		
3,500.00	3,423.26	4,047.06	4,032.26	17.85	15.76	135.02	-1,959.79	-5,381.62	6,220.16	6,187.84	32.32	192.485		
3,600.00	3,520.58	4,144.79	4,129.43	18.37	16.22	135.20	-1,953.53	-5,373.16	6,226.58	6,193.33	33.25	187.290		
3,700.00	3,617.89	4,242.53	4,226.60	18.90	16.69	135.38	-1,947.27	-5,364.71	6,233.07	6,198.89	34.18	182.375		
3,800.00	3,715.21	4,340.27	4,323.77	19.43	17.15	135.56	-1,941.01	-5,356.25	6,239.62	6,204.51	35.11	177.718		
3,900.00	3,812.52	4,438.00	4,420.94	19.95	17.62	135.74	-1,934.75	-5,347.80	6,246.24	6,210.20	36.04	173.299		
4,000.00	3,909.83	4,535.74	4,518.10	20.48	18.09	135.92	-1,928.49	-5,339.34	6,252.92	6,215.94	36.98	169.102		
4,100.00	4,007.15	4,633.47	4,615.27	21.01	18.55	136.10	-1,922.23	-5,330.89	6,259.67	6,221.76	37.91	165.111		
4,200.00	4,104.46	4,731.21	4,712.44	21.53	19.02	136.28	-1,915.97	-5,322.43	6,266.48	6,227.63	38.85	161.310		
4,300.00	4,201.78	4,828.95	4,809.61	22.06	19.49	136.46	-1,909.71	-5,313.98	6,273.35	6,233.57	39.78	157.688		
4,400.00	4,299.09	4,926.68	4,906.78	22.59	19.96	136.64	-1,903.45	-5,305.52	6,280.29	6,239.57	40.72	154.232		
4,500.00	4,396.40	5,024.42	5,003.94	23.12	20.43	136.82	-1,897.19	-5,297.07	6,287.30	6,245.64	41.66	150.931		
4,600.00	4,493.72	5,122.15	5,101.11	23.65	20.90	137.00	-1,890.93	-5,288.61	6,294.36	6,251.77	42.59	147.775		
4,700.00	4,591.03	5,219.89	5,198.28	24.18	21.37	137.18	-1,884.67	-5,280.16	6,301.49	6,257.96	43.53	144.756		
4,800.00	4,688.34	5,317.63	5,295.45	24.71	21.84	137.36	-1,878.41	-5,271.71	6,308.68	6,264.21	44.47	141.863		
4,900.00	4,785.66	5,415.36	5,392.62	25.24	22.31	137.53	-1,872.15	-5,263.25	6,315.94	6,270.53	45.41	139.091		
5,000.00	4,882.97	5,513.10	5,489.79	25.77	22.78	137.71	-1,865.89	-5,254.80	6,323.25	6,276.91	46.35	136.432		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,610.83	5,586.95	26.30	23.25	137.89	-1,859.63	-5,246.34	6,330.63	6,283.35	47.29	133.879		
5,200.00	5,077.60	5,708.57	5,684.12	26.83	23.72	138.06	-1,853.37	-5,237.89	6,338.07	6,289.85	48.23	131.425		
5,300.00	5,174.91	5,746.05	5,721.40	27.36	23.90	138.13	-1,851.06	-5,234.77	6,346.00	6,297.12	48.89	129.815		
5,400.00	5,272.23	5,800.00	5,775.14	27.89	24.16	138.22	-1,848.24	-5,230.96	6,355.11	6,305.49	49.62	128.084		
5,500.00	5,369.54	5,800.00	5,775.14	28.42	24.16	138.22	-1,848.24	-5,230.96	6,365.08	6,314.99	50.09	127.080		
5,600.00	5,466.86	5,843.27	5,818.30	28.95	24.35	138.29	-1,846.41	-5,228.49	6,376.16	6,325.41	50.75	125.629		
5,700.00	5,564.17	5,900.00	5,874.95	29.48	24.60	138.38	-1,844.61	-5,226.05	6,388.46	6,336.98	51.48	124.092		
5,800.00	5,661.48	5,900.00	5,874.95	30.01	24.60	138.38	-1,844.61	-5,226.05	6,401.54	6,349.62	51.92	123.285		
5,900.00	5,758.80	5,940.29	5,915.21	30.54	24.77	138.45	-1,843.73	-5,224.86	6,415.77	6,363.22	52.56	122.074		
6,000.00	5,856.11	6,000.00	5,974.91	31.07	25.02	138.53	-1,843.05	-5,223.94	6,431.23	6,377.95	53.28	120.704		
6,100.00	5,953.43	6,000.00	5,974.91	31.61	25.02	138.53	-1,843.05	-5,223.94	6,447.37	6,393.67	53.70	120.071		
6,200.00	6,050.74	6,060.83	6,035.74	32.14	25.26	138.62	-1,842.98	-5,223.85	6,464.62	6,410.21	54.41	118.810		
6,300.00	6,148.05	6,158.14	6,133.05	32.67	25.65	138.75	-1,842.98	-5,223.85	6,482.12	6,426.81	55.31	117.194		
6,400.00	6,245.37	6,255.46	6,230.37	33.20	26.04	138.88	-1,842.98	-5,223.85	6,499.65	6,443.44	56.21	115.631		
6,500.00	6,342.68	6,352.77	6,327.68	33.73	26.43	139.01	-1,842.98	-5,223.85	6,517.21	6,460.10	57.11	114.118		
6,520.81	6,362.93	6,373.02	6,347.93	33.85	26.51	139.04	-1,842.98	-5,223.85	6,520.87	6,463.57	57.30	113.809		
6,550.00	6,391.46	6,378.71	6,353.62	34.00	26.53	132.81	-1,843.13	-5,223.86	6,525.43	6,467.99	57.44	113.613		
6,600.00	6,440.79	6,400.00	6,374.90	34.23	26.61	114.01	-1,843.85	-5,223.86	6,530.40	6,472.68	57.72	113.140		
6,650.00	6,490.44	6,400.00	6,374.90	34.43	26.61	78.85	-1,843.85	-5,223.86	6,531.84	6,473.97	57.87	112.866		
6,700.00	6,540.10	6,438.41	6,413.20	34.60	26.73	42.67	-1,846.65	-5,223.86	6,529.55	6,471.38	58.18	112.239		
6,750.00	6,589.46	6,458.28	6,432.95	34.76	26.80	22.69	-1,848.85	-5,223.86	6,523.74	6,465.37	58.36	111.775		
6,800.00	6,638.22	6,500.00	6,474.19	34.92	26.94	12.40	-1,855.13	-5,223.86	6,514.46	6,455.82	58.64	111.092		
6,850.00	6,686.09	6,500.00	6,474.19	35.07	26.94	6.42	-1,855.13	-5,223.86	6,501.48	6,442.78	58.70	110.759		
6,900.00	6,732.75	6,500.00	6,474.19	35.24	26.94	2.47	-1,855.13	-5,223.86	6,485.20	6,426.46	58.74	110.400		
6,950.00	6,777.94	6,533.59	6,507.10	35.42	27.03	-0.49	-1,861.82	-5,223.86	6,465.48	6,406.55	58.93	109.720		
7,000.00	6,821.36	6,550.68	6,523.72	35.61	27.08	-2.85	-1,865.78	-5,223.86	6,442.55	6,383.53	59.03	109.148		
7,050.00	6,862.75	6,566.84	6,539.36	35.83	27.13	-4.90	-1,869.87	-5,223.86	6,416.51	6,357.39	59.11	108.550		
7,100.00	6,901.85	6,600.00	6,571.15	36.06	27.23	-6.90	-1,879.28	-5,223.86	6,387.54	6,328.27	59.27	107.772		
7,150.00	6,938.43	6,600.00	6,571.15	36.32	27.23	-8.77	-1,879.28	-5,223.86	6,355.63	6,296.36	59.27	107.239		
7,200.00	6,972.26	6,600.00	6,571.15	36.61	27.23	-10.72	-1,879.28	-5,223.86	6,321.13	6,261.88	59.26	106.672		
7,250.00	7,003.13	6,600.00	6,571.15	36.93	27.23	-12.88	-1,879.28	-5,223.86	6,284.24	6,224.99	59.25	106.069		
7,300.00	7,030.85	6,630.63	6,600.13	37.29	27.30	-15.60	-1,889.19	-5,223.86	6,244.93	6,185.55	59.38	105.171		
7,350.00	7,055.25	6,639.55	6,608.50	37.68	27.32	-18.71	-1,892.30	-5,223.86	6,203.67	6,144.26	59.41	104.416		
7,400.00	7,076.17	6,647.10	6,615.54	38.12	27.34	-22.57	-1,895.00	-5,223.86	6,160.60	6,101.15	59.45	103.635		
7,450.00	7,093.50	6,653.25	6,621.27	38.60	27.35	-27.55	-1,897.25	-5,223.86	6,115.96	6,056.49	59.48	102.829		
7,500.00	7,107.11	6,657.99	6,625.66	39.11	27.37	-34.14	-1,899.02	-5,223.86	6,070.02	6,010.51	59.51	101.999		
7,550.00	7,116.94	6,661.30	6,628.73	39.66	27.37	-43.07	-1,900.27	-5,223.86	6,023.03	5,963.48	59.55	101.147		
7,600.00	7,122.91	6,663.18	6,630.47	40.24	27.38	-55.13	-1,900.99	-5,223.86	5,975.26	5,915.67	59.59	100.275		
7,650.18	7,125.00	6,663.63	6,630.88	40.85	27.38	-70.66	-1,901.16	-5,223.86	5,926.84	5,867.20	59.64	99.382		
7,700.00	7,125.12	6,663.36	6,630.64	41.48	27.38	-70.65	-1,901.06	-5,223.86	5,878.63	5,818.94	59.69	98.485		
7,800.00	7,125.36	6,662.83	6,630.14	42.88	27.38	-70.63	-1,900.85	-5,223.86	5,781.94	5,722.13	59.81	96.667		
7,900.00	7,125.60	6,662.29	6,629.65	44.42	27.38	-70.61	-1,900.65	-5,223.86	5,685.37	5,625.41	59.96	94.821		
8,000.00	7,125.84	6,661.76	6,629.15	46.10	27.37	-70.59	-1,900.45	-5,223.86	5,588.92	5,528.79	60.13	92.947		
8,100.00	7,126.08	6,661.23	6,628.66	47.89	27.37	-70.57	-1,900.24	-5,223.86	5,492.59	5,432.26	60.33	91.045		
8,200.00	7,126.32	6,660.70	6,628.17	49.79	27.37	-70.55	-1,900.04	-5,223.86	5,396.40	5,335.84	60.56	89.113		
8,300.00	7,126.56	6,660.17	6,627.69	51.79	27.37	-70.53	-1,899.84	-5,223.86	5,300.35	5,239.53	60.82	87.154		
8,400.00	7,126.80	6,659.65	6,627.20	53.86	27.37	-70.51	-1,899.65	-5,223.86	5,204.44	5,143.33	61.11	85.166		
8,500.00	7,127.04	6,659.13	6,626.72	56.00	27.37	-70.49	-1,899.45	-5,223.86	5,108.70	5,047.26	61.44	83.151		
8,600.00	7,127.28	6,658.61	6,626.24	58.21	27.37	-70.47	-1,899.25	-5,223.86	5,013.12	4,951.31	61.81	81.108		
8,689.38	7,127.49	6,658.14	6,625.81	60.24	27.37	-70.45	-1,899.08	-5,223.86	4,927.83	4,865.66	62.17	79.261		
8,700.00	7,127.52	6,658.09	6,625.76	60.48	27.37	-70.22	-1,899.06	-5,223.86	4,917.71	4,855.49	62.22	79.040		
8,800.00	7,127.76	6,657.87	6,625.55	62.79	27.37	-67.81	-1,898.97	-5,223.86	4,821.90	4,759.26	62.64	76.980		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,841.07	7,127.85	6,657.92	6,625.60	63.74	27.37	-66.67	-1,898.99	-5,223.86	4,782.34	4,719.53	62.81	76.143		
8,900.00	7,128.00	6,658.05	6,625.72	65.12	27.37	-66.68	-1,899.04	-5,223.86	4,725.51	4,662.46	63.05	74.946		
9,000.00	7,128.23	6,658.27	6,625.92	67.50	27.37	-66.69	-1,899.13	-5,223.86	4,629.19	4,565.70	63.50	72.905		
9,100.00	7,128.47	6,658.49	6,626.13	69.91	27.37	-66.70	-1,899.21	-5,223.86	4,533.04	4,469.06	63.98	70.848		
9,200.00	7,128.71	6,658.71	6,626.34	72.35	27.37	-66.71	-1,899.29	-5,223.86	4,437.06	4,372.55	64.51	68.778		
9,300.00	7,128.95	6,658.94	6,626.54	74.83	27.37	-66.72	-1,899.38	-5,223.86	4,341.26	4,276.17	65.09	66.697		
9,400.00	7,129.19	6,659.16	6,626.75	77.33	27.37	-66.73	-1,899.46	-5,223.86	4,245.65	4,179.93	65.72	64.605		
9,500.00	7,129.43	6,659.38	6,626.95	79.86	27.37	-66.74	-1,899.54	-5,223.86	4,150.24	4,083.85	66.40	62.505		
9,600.00	7,129.67	6,659.60	6,627.16	82.41	27.37	-66.75	-1,899.63	-5,223.86	4,055.06	3,987.92	67.14	60.398		
9,700.00	7,129.91	6,659.83	6,627.37	84.97	27.37	-66.76	-1,899.71	-5,223.86	3,960.12	3,892.18	67.94	58.287		
9,800.00	7,130.15	6,660.05	6,627.57	87.56	27.37	-66.77	-1,899.80	-5,223.86	3,865.43	3,796.62	68.81	56.174		
9,900.00	7,130.39	6,660.27	6,627.78	90.16	27.37	-66.78	-1,899.88	-5,223.86	3,771.02	3,701.27	69.75	54.061		
10,000.00	7,130.63	6,660.50	6,627.99	92.78	27.37	-66.79	-1,899.97	-5,223.86	3,676.90	3,606.13	70.77	51.953		
10,100.00	7,130.87	6,660.72	6,628.19	95.41	27.37	-66.80	-1,900.05	-5,223.86	3,583.10	3,511.23	71.88	49.851		
10,200.00	7,131.11	6,660.94	6,628.40	98.06	27.37	-66.81	-1,900.14	-5,223.86	3,489.65	3,416.58	73.07	47.759		
10,300.00	7,131.35	6,661.17	6,628.61	100.71	27.37	-66.82	-1,900.22	-5,223.86	3,396.56	3,322.21	74.36	45.680		
10,400.00	7,131.59	6,661.39	6,628.81	103.38	27.37	-66.83	-1,900.31	-5,223.86	3,303.89	3,228.14	75.75	43.618		
10,500.00	7,131.83	6,661.62	6,629.02	106.06	27.37	-66.84	-1,900.39	-5,223.86	3,211.65	3,134.40	77.25	41.576		
10,600.00	7,132.07	6,661.84	6,629.23	108.74	27.37	-66.85	-1,900.48	-5,223.86	3,119.89	3,041.02	78.87	39.558		
10,700.00	7,132.31	6,662.06	6,629.44	111.44	27.38	-66.86	-1,900.56	-5,223.86	3,028.65	2,948.03	80.62	37.568		
10,800.00	7,132.55	6,662.29	6,629.64	114.14	27.38	-66.87	-1,900.65	-5,223.86	2,937.98	2,855.47	82.50	35.611		
10,900.00	7,132.79	6,662.51	6,629.85	116.85	27.38	-66.88	-1,900.73	-5,223.86	2,847.93	2,763.40	84.54	33.689		
11,000.00	7,133.03	6,662.74	6,630.06	119.57	27.38	-66.89	-1,900.82	-5,223.86	2,758.57	2,671.84	86.73	31.806		
11,100.00	7,133.27	6,662.96	6,630.27	122.29	27.38	-66.90	-1,900.91	-5,223.86	2,669.97	2,580.88	89.10	29.967		
11,200.00	7,133.51	6,663.19	6,630.48	125.02	27.38	-66.91	-1,900.99	-5,223.86	2,582.20	2,490.55	91.65	28.176		
11,300.00	7,133.74	6,663.42	6,630.69	127.76	27.38	-66.92	-1,901.08	-5,223.86	2,495.35	2,400.96	94.39	26.436		
11,400.00	7,133.98	6,663.64	6,630.89	130.50	27.38	-66.93	-1,901.16	-5,223.86	2,409.52	2,312.16	97.35	24.750		
11,500.00	7,134.22	6,663.87	6,631.10	133.24	27.38	-66.94	-1,901.25	-5,223.86	2,324.82	2,224.28	100.54	23.123		
11,600.00	7,134.46	6,664.09	6,631.31	135.99	27.38	-66.95	-1,901.34	-5,223.86	2,241.38	2,137.41	103.97	21.557		
11,700.00	7,134.70	6,664.32	6,631.52	138.75	27.38	-66.96	-1,901.42	-5,223.86	2,159.35	2,051.69	107.67	20.056		
11,800.00	7,134.94	6,664.55	6,631.73	141.51	27.38	-66.97	-1,901.51	-5,223.86	2,078.90	1,967.27	111.63	18.623		
11,900.00	7,135.18	6,664.77	6,631.94	144.27	27.38	-66.98	-1,901.60	-5,223.86	2,000.21	1,884.32	115.89	17.260		
12,000.00	7,135.42	6,665.00	6,632.15	147.03	27.38	-66.99	-1,901.69	-5,223.86	1,923.50	1,803.05	120.44	15.970		
12,100.00	7,135.66	6,665.23	6,632.36	149.80	27.38	-67.00	-1,901.77	-5,223.86	1,849.01	1,723.70	125.31	14.756		
12,200.00	7,135.90	6,665.46	6,632.57	152.58	27.38	-67.01	-1,901.86	-5,223.86	1,777.03	1,646.55	130.49	13.619		
12,300.00	7,136.14	6,665.68	6,632.78	155.35	27.38	-67.02	-1,901.95	-5,223.86	1,707.88	1,571.91	135.97	12.560		
12,400.00	7,136.38	6,665.91	6,632.99	158.13	27.38	-67.03	-1,902.04	-5,223.86	1,641.91	1,500.16	141.75	11.583		
12,500.00	7,136.62	6,666.14	6,633.20	160.91	27.39	-67.04	-1,902.12	-5,223.86	1,579.52	1,431.72	147.80	10.687		
12,600.00	7,136.86	6,666.37	6,633.41	163.70	27.39	-67.05	-1,902.21	-5,223.86	1,521.15	1,367.08	154.06	9.874		
12,700.00	7,137.10	6,666.60	6,633.62	166.48	27.39	-67.06	-1,902.30	-5,223.86	1,467.27	1,306.80	160.47	9.144		
12,800.00	7,137.34	6,666.82	6,633.83	169.27	27.39	-67.08	-1,902.39	-5,223.86	1,418.41	1,251.48	166.93	8.497		
12,900.00	7,137.58	6,667.05	6,634.04	172.06	27.39	-67.09	-1,902.48	-5,223.86	1,375.10	1,201.78	173.32	7.934		
13,000.00	7,137.82	6,667.28	6,634.25	174.86	27.39	-67.10	-1,902.57	-5,223.86	1,337.88	1,158.38	179.50	7.454		
13,100.00	7,138.06	6,667.51	6,634.46	177.65	27.39	-67.11	-1,902.65	-5,223.86	1,307.26	1,121.98	185.28	7.056		
13,200.00	7,138.30	6,667.74	6,634.68	180.45	27.39	-67.12	-1,902.74	-5,223.86	1,283.71	1,093.21	190.50	6.739		
13,300.00	7,138.54	6,667.97	6,634.89	183.25	27.39	-67.13	-1,902.83	-5,223.86	1,267.65	1,072.67	194.98	6.501		
13,400.00	7,138.78	6,668.20	6,635.10	186.05	27.39	-67.14	-1,902.92	-5,223.86	1,259.34	1,060.77	198.57	6.342		
13,454.98	7,138.91	6,668.33	6,635.21	187.59	27.39	-67.14	-1,902.97	-5,223.86	1,258.14	1,058.01	200.12	6.287 CC		
13,500.00	7,139.02	6,668.43	6,635.31	188.85	27.39	-67.15	-1,903.01	-5,223.86	1,258.94	1,057.78	201.16	6.258 ES		
13,600.00	7,139.25	6,668.66	6,635.52	191.65	27.39	-67.16	-1,903.10	-5,223.86	1,266.47	1,063.77	202.70	6.248 SF		
13,700.00	7,139.49	6,668.89	6,635.73	194.46	27.39	-67.17	-1,903.19	-5,223.86	1,281.78	1,078.58	203.19	6.308		
13,800.00	7,139.73	6,669.12	6,635.95	197.27	27.39	-67.18	-1,903.28	-5,223.86	1,304.59	1,101.89	202.70	6.436		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1500-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	6,669.35	6,636.16	200.08	27.39	-67.19	-1,903.37	-5,223.86	1,334.52	1,133.21	201.32	6.629		
14,000.00	7,140.21	6,669.58	6,636.37	202.89	27.39	-67.20	-1,903.46	-5,223.86	1,371.12	1,171.93	199.19	6.883		
14,100.00	7,140.45	6,669.81	6,636.58	205.70	27.39	-67.21	-1,903.55	-5,223.86	1,413.85	1,217.39	196.46	7.197		
14,200.00	7,140.69	6,670.04	6,636.80	208.51	27.39	-67.22	-1,903.64	-5,223.86	1,462.18	1,268.90	193.28	7.565		
14,300.00	7,140.93	6,670.27	6,637.01	211.32	27.40	-67.23	-1,903.73	-5,223.86	1,515.58	1,325.80	189.77	7.986		
14,400.00	7,141.17	6,670.51	6,637.22	214.14	27.40	-67.24	-1,903.82	-5,223.86	1,573.52	1,387.46	186.07	8.457		
14,500.00	7,141.41	6,670.74	6,637.44	216.95	27.40	-67.25	-1,903.91	-5,223.86	1,635.53	1,453.28	182.25	8.974		
14,600.00	7,141.65	6,670.97	6,637.65	219.77	27.40	-67.26	-1,904.00	-5,223.86	1,701.17	1,522.75	178.42	9.535		
14,700.00	7,141.89	6,671.20	6,637.86	222.59	27.40	-67.27	-1,904.09	-5,223.86	1,770.02	1,595.41	174.61	10.137		
14,800.00	7,142.13	6,671.43	6,638.08	225.41	27.40	-67.28	-1,904.18	-5,223.86	1,841.73	1,670.85	170.88	10.778		
14,900.00	7,142.37	6,671.67	6,638.29	228.23	27.40	-67.30	-1,904.27	-5,223.86	1,915.98	1,748.72	167.26	11.455		
15,000.00	7,142.61	6,671.90	6,638.50	231.05	27.40	-67.31	-1,904.37	-5,223.86	1,992.48	1,828.71	163.77	12.166		
15,100.00	7,142.85	6,672.13	6,638.72	233.87	27.40	-67.32	-1,904.46	-5,223.86	2,070.99	1,910.56	160.43	12.909		
15,200.00	7,143.09	6,672.36	6,638.93	236.69	27.40	-67.33	-1,904.55	-5,223.86	2,151.27	1,994.04	157.23	13.682		
15,300.00	7,143.33	6,672.60	6,639.15	239.52	27.40	-67.34	-1,904.64	-5,223.86	2,233.15	2,078.97	154.19	14.483		
15,400.00	7,143.57	6,672.83	6,639.36	242.34	27.40	-67.35	-1,904.73	-5,223.86	2,316.46	2,165.16	151.29	15.311		
15,500.00	7,143.81	6,700.00	6,664.14	245.17	27.47	-68.58	-1,915.88	-5,223.87	2,401.43	2,251.92	149.51	16.062		
15,600.00	7,144.05	6,700.00	6,664.14	247.99	27.47	-68.58	-1,915.88	-5,223.87	2,487.14	2,340.26	146.88	16.933		
15,700.00	7,144.29	6,700.00	6,664.14	250.82	27.47	-68.58	-1,915.88	-5,223.87	2,573.87	2,429.49	144.38	17.827		
15,800.00	7,144.53	6,700.00	6,664.14	253.64	27.47	-68.58	-1,915.88	-5,223.87	2,661.54	2,519.52	142.02	18.740		
15,900.00	7,144.76	6,700.00	6,664.14	256.47	27.47	-68.58	-1,915.88	-5,223.87	2,750.04	2,610.26	139.79	19.673		
16,000.00	7,145.00	6,700.00	6,664.14	259.30	27.47	-68.58	-1,915.88	-5,223.87	2,839.31	2,701.64	137.67	20.624		
16,100.00	7,145.24	6,700.00	6,664.14	262.13	27.47	-68.58	-1,915.88	-5,223.87	2,929.28	2,793.61	135.67	21.592		
16,200.00	7,145.48	6,700.00	6,664.14	264.96	27.47	-68.58	-1,915.88	-5,223.87	3,019.87	2,886.10	133.77	22.575		
16,300.00	7,145.72	6,700.00	6,664.14	267.79	27.47	-68.58	-1,915.88	-5,223.87	3,111.05	2,979.07	131.97	23.573		
16,400.00	7,145.96	6,700.00	6,664.14	270.62	27.47	-68.58	-1,915.88	-5,223.87	3,202.74	3,072.47	130.27	24.585		
16,500.00	7,146.20	6,700.00	6,664.14	273.45	27.47	-68.58	-1,915.88	-5,223.87	3,294.93	3,166.27	128.66	25.610		
16,600.00	7,146.44	6,700.00	6,664.14	276.28	27.47	-68.58	-1,915.88	-5,223.87	3,387.55	3,260.43	127.13	26.647		
16,700.00	7,146.68	6,700.00	6,664.14	279.12	27.47	-68.58	-1,915.88	-5,223.87	3,480.58	3,354.91	125.67	27.696		
16,800.00	7,146.92	6,700.00	6,664.14	281.95	27.47	-68.58	-1,915.88	-5,223.87	3,573.99	3,449.70	124.29	28.755		
16,900.00	7,147.16	6,700.00	6,664.14	284.78	27.47	-68.58	-1,915.88	-5,223.87	3,667.75	3,544.77	122.98	29.824		
17,000.00	7,147.40	6,700.00	6,664.14	287.62	27.47	-68.58	-1,915.88	-5,223.87	3,761.83	3,640.10	121.73	30.903		
17,100.00	7,147.64	6,700.00	6,664.14	290.45	27.47	-68.58	-1,915.88	-5,223.87	3,856.21	3,735.66	120.54	31.990		
17,200.00	7,147.88	6,700.00	6,664.14	293.28	27.47	-68.58	-1,915.88	-5,223.87	3,950.86	3,831.45	119.41	33.086		
17,300.00	7,148.12	6,700.00	6,664.14	296.12	27.47	-68.58	-1,915.88	-5,223.87	4,045.77	3,927.43	118.34	34.189		
17,400.00	7,148.36	6,700.00	6,664.14	298.95	27.47	-68.58	-1,915.88	-5,223.87	4,140.92	4,023.61	117.31	35.299		
17,500.00	7,148.60	6,700.00	6,664.14	301.79	27.47	-68.58	-1,915.88	-5,223.87	4,236.29	4,119.96	116.33	36.416		
17,600.00	7,148.84	6,700.00	6,664.14	304.63	27.47	-68.58	-1,915.88	-5,223.87	4,331.88	4,216.48	115.40	37.539		
17,700.00	7,149.08	6,700.00	6,664.14	307.46	27.47	-68.58	-1,915.88	-5,223.87	4,427.65	4,313.15	114.51	38.667		
17,800.00	7,149.32	6,700.00	6,664.14	310.30	27.47	-68.58	-1,915.88	-5,223.87	4,523.61	4,409.96	113.65	39.802		
17,900.00	7,149.56	6,700.00	6,664.14	313.14	27.47	-68.58	-1,915.88	-5,223.87	4,619.75	4,506.91	112.84	40.941		
18,000.00	7,149.80	6,700.00	6,664.14	315.98	27.47	-68.58	-1,915.88	-5,223.87	4,716.04	4,603.98	112.06	42.084		
18,100.00	7,150.04	6,700.00	6,664.14	318.81	27.47	-68.58	-1,915.88	-5,223.87	4,812.48	4,701.16	111.32	43.232		
18,200.00	7,150.27	6,700.00	6,664.14	321.65	27.47	-68.58	-1,915.88	-5,223.87	4,909.07	4,798.46	110.61	44.384		
18,300.00	7,150.51	6,700.00	6,664.14	324.49	27.47	-68.58	-1,915.88	-5,223.87	5,005.79	4,895.86	109.92	45.539		
18,400.00	7,150.75	6,700.00	6,664.14	327.33	27.47	-68.58	-1,915.88	-5,223.87	5,102.63	4,993.36	109.27	46.697		
18,500.00	7,150.99	6,700.00	6,664.14	330.17	27.47	-68.58	-1,915.88	-5,223.87	5,199.60	5,090.96	108.64	47.859		
18,600.00	7,151.23	6,700.00	6,664.14	333.01	27.47	-68.58	-1,915.88	-5,223.87	5,296.68	5,188.63	108.04	49.023		
18,700.00	7,151.47	6,700.00	6,664.14	335.85	27.47	-68.58	-1,915.88	-5,223.87	5,393.86	5,286.40	107.47	50.190		
18,800.00	7,151.71	6,700.00	6,664.14	338.69	27.47	-68.58	-1,915.88	-5,223.87	5,491.15	5,384.23	106.92	51.359		
18,900.00	7,151.95	6,700.00	6,664.14	341.53	27.47	-68.58	-1,915.88	-5,223.87	5,588.53	5,482.15	106.39	52.530		
18,920.23	7,152.00	6,700.00	6,664.14	342.10	27.47	-68.58	-1,915.88	-5,223.87	5,608.25	5,501.96	106.28	52.767		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 2000-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-110.65	-2,122.90	-5,632.53	6,019.31					
100.00	100.00	85.00	85.00	3.28	3.29	-110.65	-2,122.90	-5,632.53	6,019.31	6,012.74	6.57	916.180		
200.00	200.00	185.00	185.00	3.34	3.31	-110.65	-2,122.90	-5,632.53	6,019.31	6,012.67	6.64	906.240		
300.00	299.98	284.98	284.98	3.44	3.34	129.34	-2,122.90	-5,632.53	6,020.41	6,013.63	6.78	887.941		
400.00	399.84	384.84	384.84	3.60	3.39	129.33	-2,122.90	-5,632.53	6,023.73	6,016.75	6.98	862.833		
500.00	499.45	484.45	484.45	3.80	3.45	129.31	-2,122.90	-5,632.53	6,029.27	6,022.03	7.24	832.297		
600.00	598.70	583.70	583.70	4.04	3.52	129.28	-2,122.90	-5,632.53	6,037.02	6,029.46	7.56	798.223		
700.00	697.47	682.47	682.47	4.33	3.61	129.24	-2,122.90	-5,632.53	6,047.00	6,039.06	7.93	762.244		
800.00	795.62	780.62	780.62	4.65	3.70	129.19	-2,122.90	-5,632.53	6,059.19	6,050.84	8.35	725.637		
865.50	859.53	844.53	844.53	4.89	3.77	129.14	-2,122.90	-5,632.53	6,068.39	6,059.74	8.65	701.733		
900.00	893.10	878.10	878.10	5.02	3.80	129.20	-2,122.90	-5,632.53	6,073.49	6,064.68	8.81	689.337		
1,000.00	990.42	975.42	975.42	5.41	3.92	129.37	-2,122.90	-5,632.53	6,088.30	6,079.00	9.30	654.556		
1,100.00	1,087.73	1,072.73	1,072.73	5.83	4.04	129.53	-2,122.90	-5,632.53	6,103.17	6,093.35	9.82	621.434		
1,200.00	1,185.05	1,170.05	1,170.05	6.27	4.17	129.70	-2,122.90	-5,632.53	6,118.08	6,107.72	10.36	590.272		
1,300.00	1,282.36	1,267.36	1,267.36	6.72	4.30	129.86	-2,122.90	-5,632.53	6,133.05	6,122.12	10.93	561.183		
1,400.00	1,379.67	1,364.67	1,364.67	7.18	4.44	130.02	-2,122.90	-5,632.53	6,148.06	6,136.55	11.51	534.160		
1,500.00	1,476.99	1,461.99	1,461.99	7.65	4.59	130.18	-2,122.90	-5,632.53	6,163.13	6,151.02	12.11	509.126		
1,600.00	1,574.30	1,559.30	1,559.30	8.13	4.74	130.34	-2,122.90	-5,632.53	6,178.24	6,165.53	12.71	485.969		
1,700.00	1,671.61	1,656.61	1,656.61	8.62	4.90	130.50	-2,122.90	-5,632.53	6,193.40	6,180.07	13.33	464.556		
1,800.00	1,768.93	1,753.93	1,753.93	9.11	5.06	130.66	-2,122.90	-5,632.53	6,208.61	6,194.66	13.96	444.750		
1,900.00	1,866.24	1,851.24	1,851.24	9.60	5.22	130.82	-2,122.90	-5,632.53	6,223.87	6,209.28	14.60	426.417		
2,000.00	1,963.56	1,948.56	1,948.56	10.10	5.39	130.98	-2,122.90	-5,632.53	6,239.18	6,223.94	15.24	409.428		
2,100.00	2,060.87	2,045.87	2,045.87	10.61	5.71	131.17	-2,122.90	-5,632.66	6,254.47	6,238.43	16.04	389.966		
2,200.00	2,158.18	2,143.18	2,143.18	11.11	6.20	131.44	-2,116.09	-5,633.79	6,269.29	6,252.27	17.02	368.400		
2,300.00	2,255.50	2,240.50	2,240.50	11.62	6.65	131.72	-2,105.93	-5,635.67	6,283.68	6,265.73	17.95	350.075		
2,400.00	2,352.81	2,337.81	2,337.81	12.13	7.02	131.95	-2,096.83	-5,637.36	6,298.07	6,279.27	18.81	334.876		
2,500.00	2,450.13	2,435.13	2,435.13	12.65	7.40	132.19	-2,087.73	-5,639.05	6,312.58	6,292.90	19.68	320.836		
2,600.00	2,547.44	2,532.44	2,532.44	13.16	7.79	132.42	-2,078.63	-5,640.74	6,327.19	6,306.64	20.55	307.853		
2,700.00	2,644.75	2,629.75	2,629.75	13.68	8.20	132.65	-2,069.53	-5,642.43	6,341.91	6,320.46	21.45	295.671		
2,800.00	2,742.07	2,727.07	2,727.07	14.20	8.64	132.88	-2,060.42	-5,644.11	6,356.74	6,334.36	22.38	284.036		
2,900.00	2,839.38	2,824.38	2,824.38	14.71	9.00	133.11	-2,051.32	-5,645.80	6,371.68	6,348.45	23.23	274.330		
3,000.00	2,936.70	2,921.70	2,921.70	15.23	9.41	133.33	-2,042.22	-5,647.49	6,386.72	6,362.59	24.13	264.697		
3,100.00	3,034.01	3,019.01	3,019.01	15.76	9.83	133.56	-2,033.12	-5,649.18	6,401.86	6,376.83	25.03	255.718		
3,200.00	3,131.32	3,116.32	3,116.32	16.28	10.25	133.78	-2,024.02	-5,650.87	6,417.11	6,391.17	25.94	247.336		
3,300.00	3,228.64	3,213.64	3,213.64	16.80	10.67	134.01	-2,014.92	-5,652.56	6,432.47	6,405.61	26.86	239.498		
3,400.00	3,325.95	3,310.95	3,310.95	17.32	11.10	134.23	-2,005.82	-5,654.24	6,447.92	6,420.15	27.77	232.154		
3,500.00	3,423.26	3,408.26	3,408.26	17.85	11.52	134.45	-1,996.71	-5,655.93	6,463.48	6,434.79	28.69	225.264		
3,600.00	3,520.58	3,505.58	3,505.58	18.37	11.95	134.68	-1,987.61	-5,657.62	6,479.14	6,449.53	29.61	218.789		
3,700.00	3,617.89	3,602.89	3,602.89	18.90	12.39	134.90	-1,978.51	-5,659.31	6,494.90	6,464.37	30.54	212.695		
3,800.00	3,715.21	3,699.21	3,699.21	19.43	12.82	135.11	-1,969.41	-5,661.00	6,510.76	6,479.30	31.46	206.950		
3,900.00	3,812.52	3,796.52	3,796.52	19.95	13.25	135.33	-1,960.31	-5,662.68	6,526.72	6,494.33	32.39	201.527		
4,000.00	3,909.83	3,893.83	3,893.83	20.48	13.69	135.55	-1,951.21	-5,664.37	6,542.78	6,509.46	33.31	196.401		
4,100.00	4,007.15	4,000.15	4,000.15	21.01	14.13	135.77	-1,942.10	-5,666.06	6,558.93	6,524.69	34.24	191.549		
4,200.00	4,104.46	4,100.46	4,100.46	21.53	14.56	135.98	-1,933.00	-5,667.75	6,575.18	6,540.01	35.17	186.950		
4,300.00	4,201.78	4,200.78	4,200.78	22.06	15.00	136.20	-1,923.90	-5,669.44	6,591.53	6,555.43	36.10	182.587		
4,400.00	4,299.09	4,300.47	4,300.47	22.59	15.44	136.41	-1,914.80	-5,671.13	6,607.98	6,570.94	37.03	178.441		
4,500.00	4,396.40	4,415.88	4,415.88	23.12	15.89	136.62	-1,905.70	-5,672.81	6,624.51	6,586.55	37.96	174.499		
4,600.00	4,493.72	4,511.28	4,511.28	23.65	16.33	136.83	-1,896.60	-5,674.50	6,641.15	6,602.25	38.90	170.745		
4,700.00	4,591.03	4,606.69	4,606.69	24.18	16.77	137.04	-1,887.50	-5,676.19	6,657.87	6,618.04	39.83	167.167		
4,800.00	4,688.34	4,702.09	4,702.09	24.71	17.21	137.25	-1,878.39	-5,677.88	6,674.69	6,633.93	40.76	163.753		
4,900.00	4,785.66	4,802.51	4,802.51	25.24	17.68	137.46	-1,869.29	-5,679.57	6,691.60	6,649.88	41.72	160.404		
5,000.00	4,882.97	4,892.90	4,892.90	25.77	18.10	137.67	-1,860.19	-5,681.25	6,708.60	6,665.97	42.63	157.377		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 2000-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,980.29	4,986.48	4,973.31	26.30	18.54	137.87	-1,851.72	-5,682.83	6,725.70	6,682.15	43.55	154.440		
5,200.00	5,077.60	5,079.71	5,066.35	26.83	18.95	138.04	-1,845.95	-5,683.90	6,742.92	6,698.47	44.45	151.685		
5,300.00	5,174.91	5,174.18	5,160.77	27.36	19.36	138.19	-1,843.15	-5,684.42	6,760.23	6,714.88	45.35	149.073		
5,400.00	5,272.23	5,270.64	5,257.23	27.89	19.76	138.32	-1,842.88	-5,684.46	6,777.61	6,731.37	46.24	146.563		
5,500.00	5,369.54	5,367.95	5,354.54	28.42	20.16	138.45	-1,842.88	-5,684.46	6,795.03	6,747.89	47.14	144.140		
5,600.00	5,466.86	5,465.27	5,451.86	28.95	20.57	138.57	-1,842.88	-5,684.46	6,812.48	6,764.44	48.04	141.809		
5,700.00	5,564.17	5,562.58	5,549.17	29.48	20.97	138.70	-1,842.88	-5,684.46	6,829.96	6,781.02	48.94	139.563		
5,800.00	5,661.48	5,659.89	5,646.48	30.01	21.38	138.83	-1,842.88	-5,684.46	6,847.48	6,797.64	49.84	137.398		
5,900.00	5,758.80	5,757.21	5,743.80	30.54	21.78	138.95	-1,842.88	-5,684.46	6,865.02	6,814.29	50.74	135.310		
6,000.00	5,856.11	5,854.52	5,841.11	31.07	22.19	139.08	-1,842.88	-5,684.46	6,882.60	6,830.97	51.63	133.296		
6,100.00	5,953.43	5,951.84	5,938.43	31.61	22.60	139.20	-1,842.88	-5,684.46	6,900.22	6,847.68	52.53	131.351		
6,200.00	6,050.74	6,049.15	6,035.74	32.14	23.00	139.32	-1,842.88	-5,684.46	6,917.86	6,864.43	53.43	129.471		
6,300.00	6,148.05	6,146.46	6,133.05	32.67	23.41	139.44	-1,842.88	-5,684.46	6,935.53	6,881.20	54.33	127.655		
6,400.00	6,245.37	6,243.78	6,230.37	33.20	23.82	139.57	-1,842.88	-5,684.46	6,953.24	6,898.01	55.23	125.897		
6,500.00	6,342.68	6,341.09	6,327.68	33.73	24.22	139.69	-1,842.88	-5,684.46	6,970.98	6,914.85	56.13	124.197		
6,520.81	6,362.93	6,361.34	6,347.93	33.85	24.31	139.71	-1,842.88	-5,684.46	6,974.67	6,918.36	56.32	123.850		
6,550.00	6,391.46	6,389.87	6,376.46	34.00	24.43	133.51	-1,842.88	-5,684.46	6,979.21	6,922.64	56.58	123.362		
6,600.00	6,440.79	6,439.20	6,425.79	34.23	24.63	114.73	-1,842.88	-5,684.46	6,983.98	6,926.97	57.01	122.505		
6,650.00	6,490.44	6,488.85	6,475.44	34.43	24.84	79.61	-1,842.88	-5,684.46	6,984.91	6,927.49	57.42	121.638		
6,700.00	6,540.10	6,538.51	6,525.10	34.60	25.05	43.45	-1,842.88	-5,684.46	6,982.01	6,924.20	57.81	120.776		
6,750.00	6,589.46	6,587.87	6,574.46	34.76	25.25	23.50	-1,842.88	-5,684.46	6,975.28	6,917.11	58.17	119.915		
6,800.00	6,638.22	6,636.63	6,623.22	34.92	25.45	13.20	-1,844.72	-5,684.46	6,965.51	6,907.41	58.10	119.884		
6,850.00	6,686.09	6,684.50	6,671.09	35.07	25.65	7.21	-1,848.71	-5,684.46	6,952.01	6,893.64	58.37	119.096		
6,900.00	6,732.75	6,731.16	6,717.75	35.24	25.85	3.26	-1,848.71	-5,684.46	6,934.88	6,876.45	58.44	118.670		
6,950.00	6,777.94	6,776.35	6,762.94	35.42	26.05	0.37	-1,848.71	-5,684.46	6,914.52	6,856.03	58.49	118.219		
7,000.00	6,821.36	6,819.77	6,805.36	35.61	26.25	-1.98	-1,853.45	-5,684.46	6,890.82	6,832.16	58.66	117.466		
7,050.00	6,862.75	6,861.16	6,846.75	35.83	26.45	-4.01	-1,856.38	-5,684.46	6,864.04	6,805.28	58.76	116.815		
7,100.00	6,901.85	6,900.26	6,885.85	36.06	26.65	-5.90	-1,859.46	-5,684.46	6,834.27	6,775.43	58.84	116.141		
7,150.00	6,938.43	6,936.84	6,921.43	36.32	26.85	-7.87	-1,867.49	-5,684.46	6,801.77	6,742.77	59.01	115.274		
7,200.00	6,972.26	6,970.67	6,955.26	36.61	27.05	-9.82	-1,867.49	-5,684.46	6,766.49	6,707.48	59.01	114.660		
7,250.00	7,003.13	7,001.54	6,986.13	36.93	27.25	-11.97	-1,867.49	-5,684.46	6,728.83	6,669.82	59.02	114.015		
7,300.00	7,030.85	7,029.26	6,998.85	37.29	27.45	-14.47	-1,867.49	-5,684.46	6,688.99	6,629.97	59.02	113.336		
7,350.00	7,055.25	7,053.66	6,998.85	37.68	27.65	-17.48	-1,867.49	-5,684.46	6,647.17	6,588.15	59.02	112.625		
7,400.00	7,076.17	7,074.58	6,998.85	38.12	27.85	-21.63	-1,876.48	-5,684.46	6,603.39	6,544.23	59.16	111.621		
7,450.00	7,093.50	7,091.91	6,998.85	38.60	28.05	-26.78	-1,878.41	-5,684.46	6,558.21	6,499.01	59.19	110.790		
7,500.00	7,107.11	7,105.52	6,998.85	39.11	28.25	-33.76	-1,879.93	-5,684.46	6,511.76	6,452.53	59.23	109.938		
7,550.00	7,116.94	7,115.35	6,998.85	39.66	28.45	-43.48	-1,881.03	-5,684.46	6,464.34	6,405.07	59.27	109.067		
7,600.00	7,122.91	7,121.32	6,998.85	40.24	28.65	-56.95	-1,881.66	-5,684.46	6,416.20	6,356.89	59.31	108.179		
7,650.18	7,125.00	7,123.41	6,998.85	40.85	28.85	-74.41	-1,881.83	-5,684.46	6,367.47	6,308.11	59.36	107.272		
7,700.00	7,125.12	7,123.53	6,998.85	41.48	29.05	-74.40	-1,881.76	-5,684.46	6,318.98	6,259.57	59.41	106.363		
7,800.00	7,125.36	7,123.77	6,998.85	42.88	29.25	-74.39	-1,881.62	-5,684.46	6,221.72	6,162.20	59.53	104.521		
7,900.00	7,125.60	7,124.01	6,998.85	44.42	29.45	-74.37	-1,881.48	-5,684.46	6,124.55	6,064.89	59.66	102.653		
8,000.00	7,125.84	7,124.25	6,998.85	46.10	29.65	-74.35	-1,881.35	-5,684.46	6,027.48	5,967.65	59.82	100.758		
8,100.00	7,126.08	7,124.49	6,998.85	47.89	29.85	-74.33	-1,881.21	-5,684.46	5,930.50	5,870.49	60.00	98.837		
8,200.00	7,126.32	7,124.73	6,998.85	49.79	30.05	-74.32	-1,881.08	-5,684.46	5,833.62	5,773.41	60.21	96.889		
8,300.00	7,126.56	7,124.97	6,998.85	51.79	30.25	-74.30	-1,880.94	-5,684.46	5,736.85	5,676.40	60.44	94.914		
8,400.00	7,126.80	7,125.21	6,998.85	53.86	30.45	-74.28	-1,880.81	-5,684.46	5,640.19	5,579.48	60.70	92.912		
8,500.00	7,127.04	7,125.45	6,998.85	56.00	30.65	-74.27	-1,880.67	-5,684.46	5,543.65	5,482.65	61.00	90.884		
8,600.00	7,127.28	7,125.69	6,998.85	58.21	30.85	-74.25	-1,880.54	-5,684.46	5,447.23	5,385.91	61.32	88.831		
8,689.38	7,127.49	7,125.90	6,998.85	60.24	31.05	-74.24	-1,880.42	-5,684.46	5,361.17	5,299.52	61.64	86.974		
8,700.00	7,127.52	7,125.93	6,998.85	60.48	31.25	-74.03	-1,880.41	-5,684.46	5,350.94	5,289.26	61.68	86.752		
8,800.00	7,127.76	7,126.17	6,998.85	62.79	31.45	-71.79	-1,880.36	-5,684.46	5,254.26	5,192.22	62.05	84.684		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 2000-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	6,745.90	6,728.55	63.74	25.71	-70.70	-1,880.37	-5,684.46	5,214.35	5,152.16	62.19	83.846		
8,900.00	7,128.00	6,746.02	6,728.66	65.12	25.71	-70.71	-1,880.41	-5,684.46	5,157.02	5,094.62	62.40	82.648		
9,000.00	7,128.23	6,746.22	6,728.85	67.50	25.71	-70.72	-1,880.47	-5,684.46	5,059.82	4,997.04	62.77	80.604		
9,100.00	7,128.47	6,746.42	6,729.04	69.91	25.71	-70.73	-1,880.53	-5,684.46	4,962.72	4,899.54	63.18	78.546		
9,200.00	7,128.71	6,746.62	6,729.23	72.35	25.71	-70.74	-1,880.59	-5,684.46	4,865.75	4,802.12	63.63	76.474		
9,300.00	7,128.95	6,746.82	6,729.42	74.83	25.71	-70.75	-1,880.66	-5,684.46	4,768.90	4,704.79	64.11	74.390		
9,400.00	7,129.19	6,747.02	6,729.61	77.33	25.71	-70.76	-1,880.72	-5,684.46	4,672.18	4,607.55	64.63	72.294		
9,500.00	7,129.43	6,747.22	6,729.80	79.86	25.71	-70.76	-1,880.78	-5,684.46	4,575.61	4,510.42	65.19	70.188		
9,600.00	7,129.67	6,747.43	6,730.00	82.41	25.71	-70.77	-1,880.84	-5,684.46	4,479.18	4,413.38	65.80	68.074		
9,700.00	7,129.91	6,747.63	6,730.19	84.97	25.72	-70.78	-1,880.91	-5,684.46	4,382.92	4,316.46	66.46	65.952		
9,800.00	7,130.15	6,747.83	6,730.38	87.56	25.72	-70.79	-1,880.97	-5,684.46	4,286.82	4,219.66	67.17	63.825		
9,900.00	7,130.39	6,748.03	6,730.57	90.16	25.72	-70.80	-1,881.03	-5,684.46	4,190.91	4,122.98	67.93	61.695		
10,000.00	7,130.63	6,748.23	6,730.76	92.78	25.72	-70.81	-1,881.10	-5,684.46	4,095.19	4,026.44	68.75	59.562		
10,100.00	7,130.87	6,748.44	6,730.96	95.41	25.72	-70.82	-1,881.16	-5,684.46	3,999.69	3,930.05	69.64	57.431		
10,200.00	7,131.11	6,748.64	6,731.15	98.06	25.72	-70.83	-1,881.22	-5,684.46	3,904.41	3,833.81	70.60	55.303		
10,300.00	7,131.35	6,748.84	6,731.34	100.71	25.72	-70.84	-1,881.29	-5,684.46	3,809.37	3,737.74	71.63	53.181		
10,400.00	7,131.59	6,749.04	6,731.53	103.38	25.72	-70.85	-1,881.35	-5,684.46	3,714.59	3,641.85	72.74	51.067		
10,500.00	7,131.83	6,749.25	6,731.73	106.06	25.72	-70.86	-1,881.41	-5,684.46	3,620.09	3,546.16	73.93	48.964		
10,600.00	7,132.07	6,749.45	6,731.92	108.74	25.72	-70.87	-1,881.48	-5,684.46	3,525.90	3,450.68	75.22	46.876		
10,700.00	7,132.31	6,749.65	6,732.11	111.44	25.72	-70.88	-1,881.54	-5,684.46	3,432.03	3,355.43	76.60	44.805		
10,800.00	7,132.55	6,749.86	6,732.31	114.14	25.72	-70.89	-1,881.61	-5,684.46	3,338.52	3,260.43	78.09	42.754		
10,900.00	7,132.79	6,750.06	6,732.50	116.85	25.72	-70.90	-1,881.67	-5,684.46	3,245.40	3,165.71	79.69	40.728		
11,000.00	7,133.03	6,750.27	6,732.69	119.57	25.72	-70.91	-1,881.73	-5,684.46	3,152.70	3,071.29	81.41	38.728		
11,100.00	7,133.27	6,750.47	6,732.89	122.29	25.72	-70.92	-1,881.80	-5,684.46	3,060.45	2,977.20	83.26	36.760		
11,200.00	7,133.51	6,750.67	6,733.08	125.02	25.72	-70.93	-1,881.86	-5,684.46	2,968.71	2,883.47	85.25	34.825		
11,300.00	7,133.74	6,750.88	6,733.28	127.76	25.72	-70.94	-1,881.93	-5,684.46	2,877.52	2,790.14	87.39	32.928		
11,400.00	7,133.98	6,751.08	6,733.47	130.50	25.72	-70.95	-1,881.99	-5,684.46	2,786.94	2,697.25	89.69	31.072		
11,500.00	7,134.22	6,751.29	6,733.66	133.24	25.73	-70.96	-1,882.06	-5,684.46	2,697.02	2,604.84	92.18	29.260		
11,600.00	7,134.46	6,751.49	6,733.86	135.99	25.73	-70.97	-1,882.12	-5,684.46	2,607.83	2,512.99	94.85	27.495		
11,700.00	7,134.70	6,751.70	6,734.05	138.75	25.73	-70.98	-1,882.19	-5,684.46	2,519.46	2,421.74	97.72	25.782		
11,800.00	7,134.94	6,751.90	6,734.25	141.51	25.73	-70.99	-1,882.25	-5,684.46	2,431.99	2,331.17	100.82	24.122		
11,900.00	7,135.18	6,752.11	6,734.44	144.27	25.73	-71.00	-1,882.32	-5,684.46	2,345.52	2,241.36	104.15	22.520		
12,000.00	7,135.42	6,752.32	6,734.64	147.03	25.73	-71.01	-1,882.38	-5,684.46	2,260.16	2,152.42	107.74	20.977		
12,100.00	7,135.66	6,752.52	6,734.83	149.80	25.73	-71.02	-1,882.45	-5,684.46	2,176.06	2,064.45	111.61	19.497		
12,200.00	7,135.90	6,752.73	6,735.03	152.58	25.73	-71.03	-1,882.51	-5,684.46	2,093.35	1,977.59	115.76	18.083		
12,300.00	7,136.14	6,752.93	6,735.22	155.35	25.73	-71.04	-1,882.58	-5,684.46	2,012.21	1,891.98	120.23	16.737		
12,400.00	7,136.38	6,753.14	6,735.42	158.13	25.73	-71.05	-1,882.64	-5,684.46	1,932.84	1,807.82	125.02	15.460		
12,500.00	7,136.62	6,753.35	6,735.62	160.91	25.73	-71.06	-1,882.71	-5,684.46	1,855.47	1,725.31	130.16	14.256		
12,600.00	7,136.86	6,753.55	6,735.81	163.70	25.73	-71.07	-1,882.78	-5,684.46	1,780.35	1,644.71	135.64	13.125		
12,700.00	7,137.10	6,753.76	6,736.01	166.48	25.73	-71.08	-1,882.84	-5,684.46	1,707.78	1,566.30	141.48	12.071		
12,800.00	7,137.34	6,753.97	6,736.20	169.27	25.73	-71.09	-1,882.91	-5,684.46	1,638.11	1,490.44	147.67	11.093		
12,900.00	7,137.58	6,754.18	6,736.40	172.06	25.73	-71.10	-1,882.97	-5,684.46	1,571.71	1,417.53	154.18	10.194		
13,000.00	7,137.82	6,754.38	6,736.60	174.86	25.73	-71.11	-1,883.04	-5,684.46	1,509.03	1,348.04	160.99	9.374		
13,100.00	7,138.06	6,754.59	6,736.79	177.65	25.73	-71.12	-1,883.11	-5,684.46	1,450.53	1,282.52	168.01	8.633		
13,200.00	7,138.30	6,754.80	6,736.99	180.45	25.73	-71.13	-1,883.17	-5,684.46	1,396.76	1,221.58	175.18	7.973		
13,300.00	7,138.54	6,755.01	6,737.19	183.25	25.74	-71.14	-1,883.24	-5,684.46	1,348.26	1,165.92	182.35	7.394		
13,400.00	7,138.78	6,755.21	6,737.39	186.05	25.74	-71.15	-1,883.31	-5,684.46	1,305.64	1,116.27	189.36	6.895		
13,500.00	7,139.02	6,755.42	6,737.58	188.85	25.74	-71.16	-1,883.37	-5,684.46	1,269.48	1,073.44	196.04	6.476		
13,600.00	7,139.25	6,755.63	6,737.78	191.65	25.74	-71.17	-1,883.44	-5,684.46	1,240.34	1,038.18	202.16	6.135		
13,700.00	7,139.49	6,755.84	6,737.98	194.46	25.74	-71.18	-1,883.51	-5,684.46	1,218.74	1,011.24	207.50	5.873		
13,800.00	7,139.73	6,756.05	6,738.18	197.27	25.74	-71.19	-1,883.58	-5,684.46	1,205.08	993.21	211.86	5.688		
13,900.00	7,139.97	6,756.26	6,738.37	200.08	25.74	-71.20	-1,883.64	-5,684.46	1,199.62	984.54	215.08	5.577		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 2000-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,915.60	7,140.01	6,756.29	6,738.40	200.51	25.74	-71.20	-1,883.65	-5,684.46	1,199.52	984.04	215.48	5.567	CC, ES	
14,000.00	7,140.21	6,756.47	6,738.57	202.89	25.74	-71.21	-1,883.71	-5,684.46	1,202.49	985.42	217.06	5.540	SF	
14,100.00	7,140.45	6,756.68	6,738.77	205.70	25.74	-71.22	-1,883.78	-5,684.46	1,213.61	995.84	217.77	5.573		
14,200.00	7,140.69	6,756.89	6,738.97	208.51	25.74	-71.23	-1,883.85	-5,684.46	1,232.77	1,015.50	217.28	5.674		
14,300.00	7,140.93	6,757.10	6,739.17	211.32	25.74	-71.24	-1,883.91	-5,684.46	1,259.61	1,043.92	215.68	5.840		
14,400.00	7,141.17	6,757.31	6,739.37	214.14	25.74	-71.25	-1,883.98	-5,684.46	1,293.63	1,080.48	213.15	6.069		
14,500.00	7,141.41	6,757.52	6,739.56	216.95	25.74	-71.26	-1,884.05	-5,684.46	1,334.30	1,124.42	209.88	6.357		
14,600.00	7,141.65	6,757.73	6,739.76	219.77	25.74	-71.27	-1,884.12	-5,684.46	1,381.03	1,174.98	206.05	6.703		
14,700.00	7,141.89	6,757.94	6,739.96	222.59	25.74	-71.28	-1,884.19	-5,684.46	1,433.22	1,231.40	201.82	7.101		
14,800.00	7,142.13	6,758.15	6,740.16	225.41	25.74	-71.29	-1,884.25	-5,684.46	1,490.30	1,292.93	197.37	7.551		
14,900.00	7,142.37	6,758.36	6,740.36	228.23	25.74	-71.30	-1,884.32	-5,684.46	1,551.73	1,358.94	192.80	8.048		
15,000.00	7,142.61	6,758.57	6,740.56	231.05	25.75	-71.31	-1,884.39	-5,684.46	1,617.02	1,428.80	188.22	8.591		
15,100.00	7,142.85	6,758.78	6,740.76	233.87	25.75	-71.32	-1,884.46	-5,684.46	1,685.71	1,502.02	183.69	9.177		
15,200.00	7,143.09	6,758.99	6,740.96	236.69	25.75	-71.33	-1,884.53	-5,684.46	1,757.41	1,578.13	179.28	9.802		
15,300.00	7,143.33	6,759.20	6,741.16	239.52	25.75	-71.34	-1,884.60	-5,684.46	1,831.77	1,656.75	175.03	10.466		
15,400.00	7,143.57	6,759.42	6,741.36	242.34	25.75	-71.35	-1,884.67	-5,684.46	1,908.47	1,737.53	170.94	11.165		
15,500.00	7,143.81	6,759.63	6,741.56	245.17	25.75	-71.36	-1,884.74	-5,684.46	1,987.24	1,820.20	167.04	11.897		
15,600.00	7,144.05	6,759.84	6,741.76	247.99	25.75	-71.37	-1,884.80	-5,684.46	2,067.85	1,904.52	163.33	12.660		
15,700.00	7,144.29	6,760.05	6,741.96	250.82	25.75	-71.38	-1,884.87	-5,684.46	2,150.09	1,990.27	159.82	13.453		
15,800.00	7,144.53	6,760.26	6,742.16	253.64	25.75	-71.39	-1,884.94	-5,684.46	2,233.78	2,077.28	156.49	14.274		
15,900.00	7,144.76	6,760.48	6,742.36	256.47	25.75	-71.40	-1,885.01	-5,684.46	2,318.76	2,165.41	153.35	15.121		
16,000.00	7,145.00	6,760.69	6,742.57	259.30	25.75	-71.41	-1,885.08	-5,684.46	2,404.89	2,254.51	150.39	15.992		
16,100.00	7,145.24	6,760.90	6,742.77	262.13	25.75	-71.42	-1,885.15	-5,684.46	2,492.06	2,344.48	147.59	16.885		
16,200.00	7,145.48	6,761.12	6,742.97	264.96	25.75	-71.43	-1,885.22	-5,684.46	2,580.17	2,435.22	144.95	17.801		
16,300.00	7,145.72	6,761.33	6,743.17	267.79	25.75	-71.44	-1,885.29	-5,684.46	2,669.11	2,526.65	142.46	18.736		
16,400.00	7,145.96	6,761.54	6,743.37	270.62	25.75	-71.45	-1,885.36	-5,684.46	2,758.81	2,618.70	140.11	19.690		
16,500.00	7,146.20	6,761.76	6,743.57	273.45	25.75	-71.46	-1,885.43	-5,684.46	2,849.19	2,711.30	137.89	20.663		
16,600.00	7,146.44	6,761.97	6,743.78	276.28	25.75	-71.47	-1,885.50	-5,684.46	2,940.20	2,804.40	135.80	21.651		
16,700.00	7,146.68	6,762.19	6,743.98	279.12	25.76	-71.48	-1,885.57	-5,684.46	3,031.77	2,897.95	133.82	22.656		
16,800.00	7,146.92	6,762.40	6,744.18	281.95	25.76	-71.49	-1,885.65	-5,684.46	3,123.86	2,991.91	131.95	23.675		
16,900.00	7,147.16	6,762.61	6,744.38	284.78	25.76	-71.50	-1,885.72	-5,684.46	3,216.42	3,086.24	130.18	24.707		
17,000.00	7,147.40	6,762.83	6,744.58	287.62	25.76	-71.51	-1,885.79	-5,684.46	3,309.42	3,180.91	128.51	25.753		
17,100.00	7,147.64	6,763.04	6,744.79	290.45	25.76	-71.52	-1,885.86	-5,684.46	3,402.81	3,275.89	126.92	26.811		
17,200.00	7,147.88	6,763.26	6,744.99	293.28	25.76	-71.53	-1,885.93	-5,684.46	3,496.57	3,371.15	125.42	27.880		
17,300.00	7,148.12	6,763.47	6,745.19	296.12	25.76	-71.54	-1,886.00	-5,684.46	3,590.66	3,466.67	123.99	28.959		
17,400.00	7,148.36	6,763.69	6,745.40	298.95	25.76	-71.55	-1,886.07	-5,684.46	3,685.07	3,562.43	122.64	30.049		
17,500.00	7,148.60	6,763.91	6,745.60	301.79	25.76	-71.56	-1,886.14	-5,684.46	3,779.76	3,658.41	121.35	31.147		
17,600.00	7,148.84	6,764.12	6,745.80	304.63	25.76	-71.57	-1,886.21	-5,684.46	3,874.72	3,754.59	120.13	32.255		
17,700.00	7,149.08	6,764.34	6,746.01	307.46	25.76	-71.58	-1,886.29	-5,684.46	3,969.93	3,850.96	118.97	33.370		
17,800.00	7,149.32	6,764.55	6,746.21	310.30	25.76	-71.59	-1,886.36	-5,684.46	4,065.37	3,947.51	117.86	34.493		
17,900.00	7,149.56	6,764.77	6,746.42	313.14	25.76	-71.60	-1,886.43	-5,684.46	4,161.02	4,044.21	116.81	35.623		
18,000.00	7,149.80	6,764.99	6,746.62	315.98	25.76	-71.61	-1,886.50	-5,684.46	4,256.87	4,141.07	115.80	36.759		
18,100.00	7,150.04	6,765.20	6,746.82	318.81	25.76	-71.62	-1,886.57	-5,684.46	4,352.91	4,238.06	114.85	37.901		
18,200.00	7,150.27	6,765.42	6,747.03	321.65	25.76	-71.63	-1,886.65	-5,684.46	4,449.12	4,335.19	113.94	39.050		
18,300.00	7,150.51	6,765.64	6,747.23	324.49	25.77	-71.64	-1,886.72	-5,684.46	4,545.50	4,432.44	113.06	40.203		
18,400.00	7,150.75	6,765.85	6,747.44	327.33	25.77	-71.65	-1,886.79	-5,684.46	4,642.03	4,529.80	112.23	41.361		
18,500.00	7,150.99	6,766.07	6,747.64	330.17	25.77	-71.66	-1,886.86	-5,684.46	4,738.70	4,627.27	111.44	42.523		
18,600.00	7,151.23	6,766.29	6,747.85	333.01	25.77	-71.68	-1,886.94	-5,684.46	4,835.51	4,724.83	110.68	43.690		
18,700.00	7,151.47	6,766.51	6,748.05	335.85	25.77	-71.69	-1,887.01	-5,684.46	4,932.45	4,822.50	109.95	44.860		
18,800.00	7,151.71	6,766.73	6,748.26	338.69	25.77	-71.70	-1,887.08	-5,684.46	5,029.50	4,920.25	109.26	46.034		
18,900.00	7,151.95	6,766.94	6,748.46	341.53	25.77	-71.71	-1,887.16	-5,684.46	5,126.67	5,018.08	108.59	47.211		
18,920.23	7,152.00	6,766.99	6,748.51	342.10	25.77	-71.71	-1,887.17	-5,684.46	5,146.35	5,037.89	108.46	47.449		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-10.94	1,433.54	-276.97	1,463.07					
100.00	100.00	6.00	6.00	3.28	3.28	-10.94	1,433.54	-276.97	1,460.05	1,453.48	6.57	222.353		
200.00	200.00	106.00	106.00	3.34	3.82	-10.94	1,433.54	-276.97	1,460.05	1,452.89	7.16	204.048 CC		
300.00	299.98	205.98	205.98	3.44	6.36	-130.97	1,433.54	-276.97	1,461.19	1,451.40	9.80	149.131 ES		
400.00	399.84	305.84	305.84	3.60	9.51	-131.07	1,433.54	-276.97	1,464.63	1,451.52	13.11	111.727		
500.00	499.45	405.45	405.45	3.80	12.84	-131.24	1,433.54	-276.97	1,470.38	1,453.75	16.63	88.414		
600.00	598.70	504.70	504.70	4.04	16.21	-131.47	1,433.54	-276.97	1,478.47	1,458.22	20.25	73.017		
700.00	697.47	603.47	603.47	4.33	19.60	-131.76	1,433.54	-276.97	1,488.93	1,465.01	23.92	62.249		
800.00	795.62	701.62	701.62	4.65	22.98	-132.11	1,433.54	-276.97	1,501.81	1,474.19	27.62	54.373		
865.50	859.53	765.53	765.53	4.89	25.19	-132.36	1,433.54	-276.97	1,511.59	1,481.53	30.06	50.292		
900.00	893.10	800.90	799.10	5.02	26.42	-132.58	1,433.54	-276.97	1,517.03	1,485.63	31.40	48.308		
1,000.00	990.42	903.58	896.42	5.41	29.98	-133.20	1,433.54	-276.97	1,532.93	1,497.60	35.33	43.389		
1,100.00	1,087.73	1,006.27	993.73	5.83	33.54	-133.82	1,433.54	-276.97	1,549.00	1,509.72	39.28	39.434		
1,200.00	1,185.05	1,108.95	1,091.05	6.27	37.11	-134.42	1,433.54	-276.97	1,565.25	1,522.00	43.25	36.190		
1,300.00	1,282.36	1,188.36	1,188.36	6.72	39.88	-135.00	1,433.54	-276.97	1,581.67	1,535.25	46.42	34.069		
1,400.00	1,379.67	1,285.67	1,285.67	7.18	43.26	-135.58	1,433.54	-276.97	1,598.25	1,548.02	50.23	31.817		
1,500.00	1,476.99	1,382.99	1,382.99	7.65	46.65	-136.14	1,433.54	-276.97	1,614.99	1,560.94	54.05	29.879		
1,600.00	1,574.30	1,480.30	1,480.30	8.13	50.04	-136.70	1,433.54	-276.97	1,631.88	1,574.01	57.88	28.196		
1,700.00	1,671.61	1,577.61	1,577.61	8.62	53.43	-137.24	1,433.54	-276.97	1,648.92	1,587.21	61.71	26.721		
1,800.00	1,768.93	1,674.93	1,674.93	9.11	56.82	-137.77	1,433.54	-276.97	1,666.11	1,600.56	65.54	25.419		
1,900.00	1,866.24	1,772.24	1,772.24	9.60	60.21	-138.29	1,433.54	-276.97	1,683.43	1,614.05	69.39	24.262		
2,000.00	1,963.56	1,869.56	1,869.56	10.10	63.61	-138.80	1,433.54	-276.97	1,700.89	1,627.66	73.23	23.227		
2,100.00	2,060.87	1,966.87	1,966.87	10.61	67.00	-139.30	1,433.54	-276.97	1,718.48	1,641.40	77.08	22.296		
2,200.00	2,158.18	2,064.18	2,064.18	11.11	70.39	-139.79	1,433.54	-276.97	1,736.20	1,655.27	80.93	21.454		
2,300.00	2,255.50	2,161.50	2,161.50	11.62	73.79	-140.27	1,433.54	-276.97	1,754.04	1,669.26	84.78	20.690		
2,400.00	2,352.81	2,258.81	2,258.81	12.13	77.18	-140.74	1,433.54	-276.97	1,772.00	1,683.36	88.63	19.993		
2,500.00	2,450.13	2,356.13	2,356.13	12.65	80.57	-141.20	1,433.54	-276.97	1,790.07	1,697.59	92.49	19.355		
2,600.00	2,547.44	2,453.44	2,453.44	13.16	83.97	-141.66	1,433.54	-276.97	1,808.26	1,711.92	96.34	18.769		
2,700.00	2,644.75	2,550.75	2,550.75	13.68	87.36	-142.10	1,433.54	-276.97	1,826.56	1,726.36	100.20	18.229		
2,800.00	2,742.07	2,648.07	2,648.07	14.20	90.76	-142.53	1,433.54	-276.97	1,844.96	1,740.90	104.06	17.730		
2,900.00	2,839.38	2,745.38	2,745.38	14.71	94.15	-142.96	1,433.54	-276.97	1,863.47	1,755.55	107.91	17.268		
3,000.00	2,936.70	2,842.70	2,842.70	15.23	97.55	-143.38	1,433.54	-276.97	1,882.07	1,770.30	111.77	16.838		
3,100.00	3,034.01	2,940.01	2,940.01	15.76	100.94	-143.79	1,433.54	-276.97	1,900.77	1,785.14	115.63	16.438		
3,200.00	3,131.32	3,037.32	3,037.32	16.28	104.34	-144.19	1,433.54	-276.97	1,919.57	1,800.07	119.49	16.064		
3,300.00	3,228.64	3,134.64	3,134.64	16.80	107.73	-144.59	1,433.54	-276.97	1,938.46	1,815.10	123.35	15.715		
3,400.00	3,325.95	3,231.95	3,231.95	17.32	111.13	-144.97	1,433.54	-276.97	1,957.43	1,830.22	127.21	15.387		
3,500.00	3,423.26	3,329.26	3,329.26	17.85	114.53	-145.35	1,433.54	-276.97	1,976.49	1,845.42	131.08	15.079		
3,600.00	3,520.58	3,426.58	3,426.58	18.37	117.92	-145.72	1,433.54	-276.97	1,995.64	1,860.70	134.94	14.789		
3,700.00	3,617.89	3,523.89	3,523.89	18.90	121.32	-146.09	1,433.54	-276.97	2,014.86	1,876.07	138.80	14.517		
3,800.00	3,715.21	3,621.21	3,621.21	19.43	124.71	-146.45	1,433.54	-276.97	2,034.17	1,891.51	142.66	14.259		
3,900.00	3,812.52	3,718.52	3,718.52	19.95	128.11	-146.80	1,433.54	-276.97	2,053.55	1,907.03	146.52	14.015		
4,000.00	3,909.83	3,815.83	3,815.83	20.48	131.51	-147.15	1,433.54	-276.97	2,073.01	1,922.62	150.38	13.785		
4,100.00	4,007.15	3,913.15	3,913.15	21.01	134.90	-147.49	1,433.54	-276.97	2,092.53	1,938.29	154.25	13.566		
4,200.00	4,104.46	4,010.46	4,010.46	21.53	138.30	-147.82	1,433.54	-276.97	2,112.13	1,954.03	158.11	13.359		
4,300.00	4,201.78	4,107.78	4,107.78	22.06	141.70	-148.15	1,433.54	-276.97	2,131.80	1,969.83	161.97	13.162		
4,400.00	4,299.09	4,205.09	4,205.09	22.59	145.09	-148.47	1,433.54	-276.97	2,151.53	1,985.70	165.83	12.974		
4,500.00	4,396.40	4,302.40	4,302.40	23.12	148.49	-148.78	1,433.54	-276.97	2,171.33	2,001.64	169.69	12.796		
4,600.00	4,493.72	4,400.28	4,399.72	23.65	151.90	-149.09	1,433.54	-276.97	2,191.19	2,017.62	173.58	12.624		
4,700.00	4,591.03	4,502.97	4,497.03	24.18	155.49	-149.40	1,433.54	-276.97	2,211.12	2,033.49	177.63	12.448		
4,800.00	4,688.34	4,605.66	4,594.34	24.71	159.07	-149.70	1,433.54	-276.97	2,231.10	2,049.42	181.68	12.281		
4,900.00	4,785.66	4,708.34	4,691.66	25.24	162.66	-149.99	1,433.54	-276.97	2,251.14	2,065.42	185.73	12.121		
5,000.00	4,882.97	4,788.97	4,788.97	25.77	166.47	-150.28	1,433.54	-276.97	2,271.24	2,082.23	189.01	12.017		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	4,886.29	4,886.29	26.30	168.87	-150.56	1,433.54	-276.97	2,291.39	2,098.52	192.87	11.881		
5,200.00	5,077.60	4,983.60	4,983.60	26.83	172.26	-150.84	1,433.54	-276.97	2,311.60	2,114.87	196.73	11.750		
5,300.00	5,174.91	5,080.91	5,080.91	27.36	175.66	-151.11	1,433.54	-276.97	2,331.85	2,131.26	200.59	11.625		
5,400.00	5,272.23	5,178.23	5,178.23	27.89	179.06	-151.38	1,433.54	-276.97	2,352.16	2,147.71	204.46	11.505		
5,500.00	5,369.54	5,275.54	5,275.54	28.42	182.45	-151.65	1,433.54	-276.97	2,372.52	2,164.20	208.32	11.389		
5,600.00	5,466.86	5,372.86	5,372.86	28.95	185.85	-151.91	1,433.54	-276.97	2,392.93	2,180.75	212.18	11.278		
5,700.00	5,564.17	5,470.17	5,470.17	29.48	189.25	-152.16	1,433.54	-276.97	2,413.38	2,197.34	216.04	11.171		
5,800.00	5,661.48	5,567.48	5,567.48	30.01	192.64	-152.42	1,433.54	-276.97	2,433.88	2,213.98	219.91	11.068		
5,900.00	5,758.80	5,664.80	5,664.80	30.54	196.04	-152.66	1,433.54	-276.97	2,454.43	2,230.66	223.77	10.969		
6,000.00	5,856.11	5,762.11	5,762.11	31.07	199.44	-152.91	1,433.54	-276.97	2,475.01	2,247.38	227.63	10.873		
6,100.00	5,953.43	5,859.43	5,859.43	31.61	202.83	-153.15	1,433.54	-276.97	2,495.64	2,264.15	231.49	10.781		
6,200.00	6,050.74	5,956.74	5,956.74	32.14	206.23	-153.38	1,433.54	-276.97	2,516.32	2,280.96	235.36	10.692		
6,300.00	6,148.05	6,054.05	6,054.05	32.67	209.63	-153.61	1,433.54	-276.97	2,537.03	2,297.81	239.22	10.605		
6,400.00	6,245.37	6,151.37	6,151.37	33.20	213.02	-153.84	1,433.54	-276.97	2,557.78	2,314.70	243.08	10.522		
6,500.00	6,342.68	6,248.68	6,248.68	33.73	216.42	-154.07	1,433.54	-276.97	2,578.57	2,331.63	246.94	10.442		
6,520.81	6,362.93	6,268.93	6,268.93	33.85	217.13	-154.11	1,433.54	-276.97	2,582.90	2,335.15	247.75	10.426		
6,550.00	6,391.46	6,302.54	6,297.46	34.00	218.30	-160.92	1,433.54	-276.97	2,588.59	2,339.54	249.05	10.394		
6,600.00	6,440.79	6,346.79	6,346.79	34.23	219.85	179.55	1,433.54	-276.97	2,596.52	2,345.71	250.82	10.352		
6,650.00	6,490.44	6,403.56	6,396.44	34.43	221.83	144.00	1,433.54	-276.97	2,602.11	2,349.11	253.00	10.285		
6,700.00	6,540.10	6,446.10	6,446.10	34.60	223.31	107.73	1,433.54	-276.97	2,605.33	2,350.65	254.68	10.230		
6,750.00	6,589.46	6,504.54	6,495.46	34.76	225.35	87.98	1,433.54	-276.97	2,606.17	2,349.27	256.90	10.145		
6,800.00	6,638.22	6,544.22	6,544.22	34.92	226.74	78.25	1,433.54	-276.97	2,604.66	2,346.20	258.47	10.077		
6,850.00	6,686.09	6,607.91	6,592.09	35.07	228.96	73.11	1,433.54	-276.97	2,600.85	2,339.99	260.86	9.970		
6,900.00	6,732.75	6,638.75	6,638.75	35.24	230.04	70.32	1,433.54	-276.97	2,594.81	2,332.70	262.12	9.899		
6,950.00	6,777.94	6,683.94	6,683.94	35.42	231.61	68.90	1,433.54	-276.97	2,586.63	2,322.76	263.87	9.803		
7,000.00	6,821.36	6,727.36	6,727.36	35.61	233.13	68.39	1,433.54	-276.97	2,576.43	2,310.85	265.58	9.701		
7,050.00	6,862.75	6,768.75	6,768.75	35.83	234.57	68.54	1,433.54	-276.97	2,564.34	2,297.12	267.22	9.596		
7,100.00	6,901.85	6,807.85	6,807.85	36.06	235.94	69.18	1,433.54	-276.97	2,550.52	2,281.72	268.80	9.489		
7,150.00	6,938.43	6,844.43	6,844.43	36.32	237.22	70.23	1,433.54	-276.97	2,535.13	2,264.81	270.32	9.378		
7,200.00	6,972.26	6,878.26	6,878.26	36.61	238.40	71.61	1,433.54	-276.97	2,518.35	2,246.59	271.77	9.267		
7,250.00	7,003.13	6,909.13	6,909.13	36.93	239.48	73.25	1,433.54	-276.97	2,500.39	2,227.24	273.15	9.154		
7,300.00	7,030.85	6,936.85	6,936.85	37.29	240.44	75.10	1,433.54	-276.97	2,481.44	2,206.97	274.47	9.041		
7,350.00	7,055.25	6,961.25	6,961.25	37.68	241.29	77.11	1,433.54	-276.97	2,461.69	2,185.97	275.72	8.928		
7,400.00	7,076.17	6,982.17	6,982.17	38.12	242.02	79.23	1,433.54	-276.97	2,441.37	2,164.47	276.90	8.817		
7,450.00	7,093.50	7,000.50	6,999.50	38.60	242.66	81.42	1,433.54	-276.97	2,420.67	2,142.62	278.05	8.706		
7,500.00	7,107.11	7,013.11	7,013.11	39.11	243.10	83.62	1,433.54	-276.97	2,399.79	2,120.74	279.05	8.600		
7,550.00	7,116.94	7,022.94	7,022.94	39.66	243.45	85.80	1,433.54	-276.97	2,378.92	2,098.92	280.01	8.496		
7,600.00	7,122.91	7,028.91	7,028.91	40.24	243.66	87.91	1,433.54	-276.97	2,358.25	2,077.37	280.88	8.396		
7,650.18	7,125.00	7,031.00	7,031.00	40.85	243.73	89.94	1,433.54	-276.97	2,337.85	2,056.19	281.66	8.300		
7,700.00	7,125.12	7,031.12	7,031.12	41.48	243.73	89.94	1,433.54	-276.97	2,318.27	2,035.87	282.41	8.209		
7,800.00	7,125.36	7,031.36	7,031.36	42.88	243.74	89.95	1,433.54	-276.97	2,281.76	1,997.69	284.07	8.032		
7,900.00	7,125.60	7,031.60	7,031.60	44.42	243.75	89.96	1,433.54	-276.97	2,249.11	1,963.18	285.92	7.866		
8,000.00	7,125.84	7,031.84	7,031.84	46.10	243.76	89.96	1,433.54	-276.97	2,220.48	1,932.54	287.94	7.712		
8,100.00	7,126.08	7,032.08	7,032.08	47.89	243.77	89.97	1,433.54	-276.97	2,196.03	1,905.93	290.10	7.570		
8,200.00	7,126.32	7,032.32	7,032.32	49.79	243.78	89.97	1,433.54	-276.97	2,175.91	1,883.55	292.37	7.442		
8,300.00	7,126.56	7,032.56	7,032.56	51.79	243.78	89.98	1,433.54	-276.97	2,160.24	1,865.52	294.72	7.330		
8,400.00	7,126.80	7,032.80	7,032.80	53.86	243.79	89.99	1,433.54	-276.97	2,149.11	1,852.00	297.11	7.233		
8,500.00	7,127.04	7,033.04	7,033.04	56.00	243.80	89.99	1,433.54	-276.97	2,142.60	1,843.07	299.53	7.153		
8,589.80	7,127.25	7,033.25	7,033.25	57.99	243.81	90.00	1,433.54	-276.97	2,140.71	1,839.02	301.69	7.096		
8,600.00	7,127.28	7,033.28	7,033.28	58.21	243.81	90.00	1,433.54	-276.97	2,140.74	1,838.81	301.93	7.090		
8,689.38	7,127.49	7,033.49	7,033.49	60.24	243.82	90.01	1,433.54	-276.97	2,143.03	1,838.98	304.05	7.048		
8,700.00	7,127.52	7,033.52	7,033.52	60.48	243.82	90.01	1,433.54	-276.97	2,143.57	1,839.27	304.29	7.044		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - J.R. #1(PA) - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore Centre		Between	Between	Minimum	Separation	Warning				
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	Toolface (°)	+N/-S (ft)	+E/-W (ft)	Centres (ft)	Ellipses (ft)	Separation (ft)	Factor					
8,800.00	7,127.76	7,033.76	7,033.76	62.79	243.83	90.02	1,433.54	-276.97	2,153.13	1,846.55	306.58	7.023	7.023 SF				
8,841.07	7,127.85	7,033.85	7,033.85	63.74	243.83	90.02	1,433.54	-276.97	2,159.39	1,851.90	307.49	7.023					
8,900.00	7,128.00	7,034.00	7,034.00	65.12	243.83	90.03	1,433.54	-276.97	2,170.11	1,861.35	308.76	7.029					
9,000.00	7,128.23	7,034.23	7,034.23	67.50	243.84	90.03	1,433.54	-276.97	2,191.81	1,880.99	310.82	7.052					
9,100.00	7,128.47	7,034.47	7,034.47	69.91	243.85	90.04	1,433.54	-276.97	2,217.81	1,905.05	312.76	7.091					
9,200.00	7,128.71	7,034.71	7,034.71	72.35	243.86	90.05	1,433.54	-276.97	2,247.96	1,933.39	314.57	7.146					
9,300.00	7,128.95	7,034.95	7,034.95	74.83	243.87	90.05	1,433.54	-276.97	2,282.10	1,965.86	316.25	7.216					
9,400.00	7,129.19	7,035.19	7,035.19	77.33	243.88	90.06	1,433.54	-276.97	2,320.06	2,002.27	317.79	7.301					
9,500.00	7,129.43	7,035.43	7,035.43	79.86	243.88	90.07	1,433.54	-276.97	2,361.63	2,042.44	319.19	7.399					
9,600.00	7,129.67	7,035.67	7,035.67	82.41	243.89	90.07	1,433.54	-276.97	2,406.65	2,086.18	320.47	7.510					
9,700.00	7,129.91	7,035.91	7,035.91	84.97	243.90	90.08	1,433.54	-276.97	2,454.92	2,133.30	321.62	7.633					
9,800.00	7,130.15	7,036.15	7,036.15	87.56	243.91	90.09	1,433.54	-276.97	2,506.25	2,183.60	322.65	7.768					
9,900.00	7,130.39	7,036.39	7,036.39	90.16	243.92	90.09	1,433.54	-276.97	2,560.46	2,236.89	323.57	7.913					
10,000.00	7,130.63	7,036.63	7,036.63	92.78	243.93	90.10	1,433.54	-276.97	2,617.36	2,292.98	324.38	8.069					
10,100.00	7,130.87	7,036.87	7,036.87	95.41	243.93	90.10	1,433.54	-276.97	2,676.80	2,351.70	325.10	8.234					
10,200.00	7,131.11	7,037.11	7,037.11	98.06	243.94	90.11	1,433.54	-276.97	2,738.59	2,412.86	325.73	8.407					
10,300.00	7,131.35	7,037.35	7,037.35	100.71	243.95	90.12	1,433.54	-276.97	2,802.60	2,476.31	326.28	8.589					
10,400.00	7,131.59	7,037.59	7,037.59	103.38	243.96	90.12	1,433.54	-276.97	2,868.66	2,541.90	326.76	8.779					
10,500.00	7,131.83	7,037.83	7,037.83	106.06	243.97	90.13	1,433.54	-276.97	2,936.64	2,609.46	327.18	8.976					
10,600.00	7,132.07	7,038.07	7,038.07	108.74	243.98	90.14	1,433.54	-276.97	3,006.41	2,678.88	327.53	9.179					
10,700.00	7,132.31	7,038.31	7,038.31	111.44	243.98	90.14	1,433.54	-276.97	3,077.85	2,750.02	327.83	9.388					
10,800.00	7,132.55	7,038.55	7,038.55	114.14	243.99	90.15	1,433.54	-276.97	3,150.85	2,822.76	328.09	9.604					
10,900.00	7,132.79	7,038.79	7,038.79	116.85	244.00	90.16	1,433.54	-276.97	3,225.29	2,896.99	328.30	9.824					
11,000.00	7,133.03	7,039.03	7,039.03	119.57	244.01	90.16	1,433.54	-276.97	3,301.08	2,972.60	328.48	10.050					
11,100.00	7,133.27	7,039.27	7,039.27	122.29	244.02	90.17	1,433.54	-276.97	3,378.13	3,049.51	328.62	10.280					
11,200.00	7,133.51	7,039.51	7,039.51	125.02	244.03	90.18	1,433.54	-276.97	3,456.36	3,127.63	328.73	10.514					
11,300.00	7,133.74	7,039.74	7,039.74	127.76	244.03	90.18	1,433.54	-276.97	3,535.69	3,206.87	328.82	10.753					
11,400.00	7,133.98	7,039.98	7,039.98	130.50	244.04	90.19	1,433.54	-276.97	3,616.04	3,287.16	328.88	10.995					
11,500.00	7,134.22	7,040.22	7,040.22	133.24	244.05	90.19	1,433.54	-276.97	3,697.35	3,368.42	328.93	11.241					
11,600.00	7,134.46	7,040.46	7,040.46	135.99	244.06	90.20	1,433.54	-276.97	3,779.56	3,450.60	328.96	11.489					
11,700.00	7,134.70	7,040.70	7,040.70	138.75	244.07	90.21	1,433.54	-276.97	3,862.60	3,533.63	328.97	11.742					
11,800.00	7,134.94	7,040.94	7,040.94	141.51	244.08	90.21	1,433.54	-276.97	3,946.44	3,617.47	328.97	11.996					
11,900.00	7,135.18	7,041.18	7,041.18	144.27	244.08	90.22	1,433.54	-276.97	4,031.01	3,702.05	328.96	12.254					
12,000.00	7,135.42	7,041.42	7,041.42	147.03	244.09	90.23	1,433.54	-276.97	4,116.27	3,787.33	328.93	12.514					
12,100.00	7,135.66	7,041.66	7,041.66	149.80	244.10	90.23	1,433.54	-276.97	4,202.18	3,873.28	328.90	12.776					
12,200.00	7,135.90	7,041.90	7,041.90	152.58	244.11	90.24	1,433.54	-276.97	4,288.70	3,959.84	328.87	13.041					
12,300.00	7,136.14	7,042.14	7,042.14	155.35	244.12	90.25	1,433.54	-276.97	4,375.80	4,046.98	328.82	13.308					
12,400.00	7,136.38	7,042.38	7,042.38	158.13	244.13	90.25	1,433.54	-276.97	4,463.44	4,134.67	328.77	13.576					
12,500.00	7,136.62	7,042.62	7,042.62	160.91	244.13	90.26	1,433.54	-276.97	4,551.59	4,222.87	328.72	13.847					
12,600.00	7,136.86	7,042.86	7,042.86	163.70	244.14	90.27	1,433.54	-276.97	4,640.21	4,311.55	328.66	14.119					
12,700.00	7,137.10	7,043.10	7,043.10	166.48	244.15	90.27	1,433.54	-276.97	4,729.30	4,400.70	328.60	14.392					
12,800.00	7,137.34	7,043.34	7,043.34	169.27	244.16	90.28	1,433.54	-276.97	4,818.81	4,490.27	328.54	14.668					
12,900.00	7,137.58	7,043.58	7,043.58	172.06	244.17	90.29	1,433.54	-276.97	4,908.72	4,580.25	328.47	14.944					
13,000.00	7,137.82	7,043.82	7,043.82	174.86	244.18	90.29	1,433.54	-276.97	4,999.02	4,670.62	328.40	15.222					
13,100.00	7,138.06	7,044.06	7,044.06	177.65	244.19	90.30	1,433.54	-276.97	5,089.68	4,761.34	328.34	15.501					
13,200.00	7,138.30	7,044.30	7,044.30	180.45	244.19	90.30	1,433.54	-276.97	5,180.68	4,852.42	328.27	15.782					
13,300.00	7,138.54	7,044.54	7,044.54	183.25	244.20	90.31	1,433.54	-276.97	5,272.02	4,943.82	328.20	16.063					
13,400.00	7,138.78	7,044.78	7,044.78	186.05	244.21	90.32	1,433.54	-276.97	5,363.66	5,035.53	328.13	16.346					
13,500.00	7,139.02	7,045.02	7,045.02	188.85	244.22	90.32	1,433.54	-276.97	5,455.59	5,127.53	328.06	16.630					
13,600.00	7,139.25	7,045.25	7,045.25	191.65	244.23	90.33	1,433.54	-276.97	5,547.80	5,219.81	327.99	16.914					
13,700.00	7,139.49	7,045.49	7,045.49	194.46	244.24	90.34	1,433.54	-276.97	5,640.28	5,312.35	327.93	17.200					
13,800.00	7,139.73	7,045.73	7,045.73	197.27	244.24	90.34	1,433.54	-276.97	5,733.01	5,405.15	327.86	17.486					

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,900.00	7,139.97	7,045.97	7,045.97	200.08	244.25	90.35	1,433.54	-276.97	5,825.98	5,498.19	327.79	17.773		
14,000.00	7,140.21	7,046.21	7,046.21	202.89	244.26	90.36	1,433.54	-276.97	5,919.18	5,591.45	327.73	18.061		
14,100.00	7,140.45	7,046.45	7,046.45	205.70	244.27	90.36	1,433.54	-276.97	6,012.60	5,684.94	327.66	18.350		
14,200.00	7,140.69	7,046.69	7,046.69	208.51	244.28	90.37	1,433.54	-276.97	6,106.23	5,778.63	327.60	18.639		
14,300.00	7,140.93	7,046.93	7,046.93	211.32	244.29	90.38	1,433.54	-276.97	6,200.05	5,872.51	327.54	18.929		
14,400.00	7,141.17	7,047.17	7,047.17	214.14	244.29	90.38	1,433.54	-276.97	6,294.07	5,966.59	327.48	19.220		
14,500.00	7,141.41	7,047.41	7,047.41	216.95	244.30	90.39	1,433.54	-276.97	6,388.27	6,060.85	327.42	19.511		
14,600.00	7,141.65	7,047.65	7,047.65	219.77	244.31	90.39	1,433.54	-276.97	6,482.64	6,155.27	327.36	19.803		
14,700.00	7,141.89	7,047.89	7,047.89	222.59	244.32	90.40	1,433.54	-276.97	6,577.18	6,249.87	327.31	20.095		
14,800.00	7,142.13	7,048.13	7,048.13	225.41	244.33	90.41	1,433.54	-276.97	6,671.87	6,344.62	327.26	20.387		
14,900.00	7,142.37	7,048.37	7,048.37	228.23	244.34	90.41	1,433.54	-276.97	6,766.72	6,439.52	327.20	20.681		
15,000.00	7,142.61	7,048.61	7,048.61	231.05	244.34	90.42	1,433.54	-276.97	6,861.72	6,534.57	327.15	20.974		
15,100.00	7,142.85	7,048.85	7,048.85	233.87	244.35	90.43	1,433.54	-276.97	6,956.86	6,629.75	327.10	21.268		
15,200.00	7,143.09	7,049.09	7,049.09	236.69	244.36	90.43	1,433.54	-276.97	7,052.13	6,725.07	327.06	21.562		
15,300.00	7,143.33	7,049.33	7,049.33	239.52	244.37	90.44	1,433.54	-276.97	7,147.53	6,820.52	327.01	21.857		
15,400.00	7,143.57	7,049.57	7,049.57	242.34	244.38	90.45	1,433.54	-276.97	7,243.05	6,916.09	326.97	22.152		
15,500.00	7,143.81	7,049.81	7,049.81	245.17	244.39	90.45	1,433.54	-276.97	7,338.70	7,011.77	326.92	22.448		
15,600.00	7,144.05	7,050.05	7,050.05	247.99	244.39	90.46	1,433.54	-276.97	7,434.45	7,107.57	326.88	22.743		
15,700.00	7,144.29	7,050.29	7,050.29	250.82	244.40	90.47	1,433.54	-276.97	7,530.32	7,203.48	326.84	23.040		
15,800.00	7,144.53	7,050.53	7,050.53	253.64	244.41	90.47	1,433.54	-276.97	7,626.30	7,299.49	326.81	23.336		
15,900.00	7,144.76	7,050.76	7,050.76	256.47	244.42	90.48	1,433.54	-276.97	7,722.37	7,395.60	326.77	23.632		
16,000.00	7,145.00	7,051.00	7,051.00	259.30	244.43	90.49	1,433.54	-276.97	7,818.55	7,491.81	326.74	23.929		
16,100.00	7,145.24	7,051.24	7,051.24	262.13	244.44	90.49	1,433.54	-276.97	7,914.82	7,588.11	326.70	24.226		
16,200.00	7,145.48	7,051.48	7,051.48	264.96	244.44	90.50	1,433.54	-276.97	8,011.18	7,684.51	326.67	24.524		
16,300.00	7,145.72	7,051.72	7,051.72	267.79	244.45	90.50	1,433.54	-276.97	8,107.63	7,780.98	326.64	24.821		
16,400.00	7,145.96	7,051.96	7,051.96	270.62	244.46	90.51	1,433.54	-276.97	8,204.16	7,877.55	326.62	25.119		
16,500.00	7,146.20	7,052.20	7,052.20	273.45	244.47	90.52	1,433.54	-276.97	8,300.78	7,974.19	326.59	25.416		
16,600.00	7,146.44	7,052.44	7,052.44	276.28	244.48	90.52	1,433.54	-276.97	8,397.47	8,070.91	326.57	25.714		
16,700.00	7,146.68	7,052.68	7,052.68	279.12	244.49	90.53	1,433.54	-276.97	8,494.25	8,167.70	326.54	26.013		
16,800.00	7,146.92	7,052.92	7,052.92	281.95	244.49	90.54	1,433.54	-276.97	8,591.09	8,264.57	326.52	26.311		
16,900.00	7,147.16	7,053.16	7,053.16	284.78	244.50	90.54	1,433.54	-276.97	8,688.01	8,361.51	326.50	26.609		
17,000.00	7,147.40	7,053.40	7,053.40	287.62	244.51	90.55	1,433.54	-276.97	8,785.00	8,458.51	326.48	26.908		
17,100.00	7,147.64	7,053.64	7,053.64	290.45	244.52	90.56	1,433.54	-276.97	8,882.05	8,555.58	326.47	27.207		
17,200.00	7,147.88	7,053.88	7,053.88	293.28	244.53	90.56	1,433.54	-276.97	8,979.17	8,652.72	326.45	27.505		
17,300.00	7,148.12	7,054.12	7,054.12	296.12	244.54	90.57	1,433.54	-276.97	9,076.35	8,749.91	326.44	27.804		
17,400.00	7,148.36	7,054.36	7,054.36	298.95	244.54	90.58	1,433.54	-276.97	9,173.59	8,847.17	326.43	28.103		
17,500.00	7,148.60	7,054.60	7,054.60	301.79	244.55	90.58	1,433.54	-276.97	9,270.89	8,944.48	326.41	28.402		
17,600.00	7,148.84	7,054.84	7,054.84	304.63	244.56	90.59	1,433.54	-276.97	9,368.25	9,041.84	326.40	28.701		
17,700.00	7,149.08	7,055.08	7,055.08	307.46	244.57	90.59	1,433.54	-276.97	9,465.66	9,139.26	326.40	29.001		
17,800.00	7,149.32	7,055.32	7,055.32	310.30	244.58	90.60	1,433.54	-276.97	9,563.12	9,236.73	326.39	29.300		
17,900.00	7,149.56	7,055.56	7,055.56	313.14	244.59	90.61	1,433.54	-276.97	9,660.64	9,334.26	326.38	29.599		
18,000.00	7,149.80	7,055.80	7,055.80	315.98	244.59	90.61	1,433.54	-276.97	9,758.21	9,431.83	326.38	29.898		
18,100.00	7,150.04	7,056.04	7,056.04	318.81	244.60	90.62	1,433.54	-276.97	9,855.82	9,529.45	326.38	30.198		
18,200.00	7,150.27	7,056.27	7,056.27	321.65	244.61	90.63	1,433.54	-276.97	9,953.49	9,627.11	326.38	30.497		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-127.07	-2,310.24	-3,058.25	3,832.80					
100.00	100.00	77.46	77.46	3.28	3.28	-127.07	-2,310.37	-3,058.27	3,832.87	3,826.30	6.57	583.484		
200.00	200.00	218.58	218.58	3.34	3.36	-127.08	-2,310.58	-3,057.57	3,832.56	3,825.87	6.70	572.331		
248.64	248.64	259.99	259.99	3.38	3.40	112.93	-2,310.43	-3,057.28	3,832.36	3,825.57	6.78	565.017		
300.00	299.98	303.42	303.41	3.44	3.46	112.94	-2,310.16	-3,057.19	3,832.59	3,825.69	6.90	555.793		
400.00	399.84	381.86	381.86	3.60	3.57	112.97	-2,309.82	-3,057.27	3,834.46	3,827.29	7.17	534.974		
500.00	499.45	519.58	519.57	3.80	3.85	113.08	-2,309.32	-3,056.88	3,837.42	3,829.77	7.64	502.232		
600.00	598.70	588.24	588.23	4.04	4.01	113.12	-2,309.03	-3,056.68	3,841.74	3,833.69	8.05	477.402		
700.00	697.47	722.02	722.01	4.33	4.36	113.31	-2,308.25	-3,056.22	3,847.31	3,838.62	8.69	442.821		
800.00	795.62	793.35	793.33	4.65	4.57	113.37	-2,307.69	-3,056.05	3,854.33	3,845.11	9.22	418.005		
865.50	859.53	868.27	868.25	4.89	4.80	113.50	-2,307.31	-3,055.96	3,859.89	3,850.21	9.68	398.611		
900.00	893.10	910.27	910.25	5.02	4.93	113.63	-2,307.24	-3,055.65	3,862.90	3,852.95	9.94	388.435		
1,000.00	990.42	998.96	998.94	5.41	5.22	113.90	-2,307.16	-3,054.99	3,871.71	3,861.09	10.62	364.448		
1,100.00	1,087.73	1,090.18	1,090.16	5.83	5.53	114.18	-2,307.12	-3,054.46	3,880.79	3,869.45	11.34	342.124		
1,200.00	1,185.05	1,181.35	1,181.32	6.27	5.84	114.46	-2,307.11	-3,054.08	3,890.14	3,878.05	12.09	321.780		
1,300.00	1,282.36	1,272.46	1,272.44	6.72	6.17	114.74	-2,307.15	-3,053.85	3,899.75	3,886.90	12.86	303.311		
1,400.00	1,379.67	1,363.53	1,363.50	7.18	6.50	115.02	-2,307.22	-3,053.77	3,909.63	3,895.99	13.64	286.573		
1,500.00	1,476.99	1,454.54	1,454.51	7.65	6.84	115.30	-2,307.34	-3,053.84	3,919.78	3,905.33	14.44	271.402		
1,600.00	1,574.30	1,556.99	1,556.96	8.13	7.23	115.61	-2,307.34	-3,054.11	3,930.12	3,914.82	15.30	256.875		
1,700.00	1,671.61	1,677.98	1,677.95	8.62	7.69	115.99	-2,306.44	-3,054.44	3,940.17	3,923.93	16.24	242.581		
1,800.00	1,768.93	1,780.27	1,780.24	9.11	8.09	116.31	-2,305.70	-3,054.16	3,949.91	3,932.78	17.12	220.691		
1,900.00	1,866.24	1,876.91	1,876.87	9.60	8.47	116.60	-2,305.14	-3,053.79	3,959.74	3,941.76	17.99	220.150		
2,000.00	1,963.56	1,973.57	1,973.53	10.10	8.85	116.90	-2,304.42	-3,053.55	3,969.71	3,950.85	18.86	210.507		
2,100.00	2,060.87	2,065.14	2,065.10	10.61	9.22	117.17	-2,303.82	-3,053.33	3,979.84	3,960.13	19.71	201.884		
2,200.00	2,158.18	2,159.79	2,159.75	11.11	9.60	117.46	-2,303.38	-3,053.16	3,990.23	3,969.64	20.59	193.828		
2,300.00	2,255.50	2,279.32	2,279.27	11.62	10.08	117.83	-2,301.61	-3,053.45	4,000.57	3,979.00	21.57	185.477		
2,400.00	2,352.81	2,417.36	2,417.27	12.13	10.64	118.27	-2,298.49	-3,052.95	4,010.10	3,987.46	22.64	177.162		
2,500.00	2,450.13	2,514.54	2,514.42	12.65	11.04	118.57	-2,296.35	-3,051.96	4,019.25	3,995.72	23.53	170.799		
2,600.00	2,547.44	2,591.24	2,591.10	13.16	11.35	118.81	-2,294.61	-3,051.50	4,028.82	4,004.48	24.34	165.497		
2,700.00	2,644.75	2,680.42	2,680.25	13.68	11.72	119.09	-2,292.50	-3,051.39	4,038.87	4,013.66	25.21	160.207		
2,800.00	2,742.07	2,786.63	2,786.44	14.20	12.16	119.42	-2,290.28	-3,051.09	4,049.49	4,022.89	26.15	154.824		
2,900.00	2,839.38	2,867.57	2,867.36	14.71	12.49	119.67	-2,288.66	-3,050.81	4,059.33	4,032.34	26.99	150.422		
3,000.00	2,936.70	2,960.99	2,960.77	15.23	12.88	119.95	-2,287.29	-3,050.63	4,070.09	4,042.22	27.88	146.011		
3,100.00	3,034.01	3,040.97	3,040.74	15.76	13.21	120.17	-2,286.87	-3,050.08	4,081.01	4,052.31	28.71	142.170		
3,200.00	3,131.32	3,108.16	3,107.93	16.28	13.49	120.36	-2,286.88	-3,049.99	4,092.74	4,063.26	29.48	138.845		
3,300.00	3,228.64	3,200.00	3,199.77	16.80	13.87	120.62	-2,286.74	-3,050.38	4,104.96	4,074.60	30.36	135.214		
3,400.00	3,325.95	3,263.97	3,263.75	17.32	14.13	120.80	-2,286.85	-3,050.88	4,117.73	4,086.61	31.11	132.346		
3,500.00	3,423.26	3,363.69	3,363.45	17.85	14.55	121.07	-2,288.06	-3,051.79	4,131.19	4,099.16	32.03	128.968		
3,600.00	3,520.58	3,448.65	3,448.41	18.37	14.90	121.30	-2,288.80	-3,052.40	4,144.44	4,111.56	32.88	126.033		
3,700.00	3,617.89	3,535.94	3,535.69	18.90	15.26	121.53	-2,289.80	-3,053.61	4,158.43	4,124.68	33.75	123.228		
3,800.00	3,715.21	3,692.75	3,692.48	19.43	15.92	121.95	-2,291.28	-3,054.39	4,171.64	4,136.70	34.94	119.410		
3,900.00	3,812.52	3,775.82	3,775.55	19.95	16.27	122.17	-2,291.24	-3,054.72	4,184.44	4,148.66	35.78	116.948		
4,000.00	3,909.83	3,875.70	3,875.43	20.48	16.68	122.44	-2,291.59	-3,055.20	4,197.58	4,160.87	36.70	114.361		
4,100.00	4,007.15	3,984.41	3,984.13	21.01	17.14	122.73	-2,291.94	-3,055.45	4,210.57	4,172.90	37.67	111.772		
4,200.00	4,104.46	4,093.22	4,092.95	21.53	17.59	123.01	-2,292.24	-3,055.40	4,223.38	4,184.74	38.64	109.304		
4,300.00	4,201.78	4,202.14	4,201.87	22.06	18.05	123.29	-2,292.48	-3,055.04	4,236.02	4,196.41	39.61	106.951		
4,400.00	4,299.09	4,311.18	4,310.90	22.59	18.51	123.57	-2,292.67	-3,054.38	4,248.47	4,207.89	40.58	104.703		
4,500.00	4,396.40	4,420.32	4,420.03	23.12	18.97	123.85	-2,292.80	-3,053.42	4,260.73	4,219.18	41.55	102.553		
4,600.00	4,493.72	4,485.21	4,484.93	23.65	19.24	124.01	-2,292.79	-3,053.16	4,273.41	4,231.10	42.31	101.007		
4,700.00	4,591.03	4,612.39	4,612.11	24.18	19.78	124.34	-2,292.59	-3,052.74	4,286.24	4,242.87	43.36	98.843		
4,800.00	4,688.34	4,659.18	4,658.89	24.71	19.97	124.46	-2,292.56	-3,052.74	4,299.35	4,255.31	44.04	97.631		
4,900.00	4,785.66	4,738.99	4,738.70	25.24	20.31	124.67	-2,292.61	-3,053.45	4,313.43	4,268.57	44.86	96.143		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,882.97	4,848.81	4,848.52	25.77	20.77	124.96	-2,292.02	-3,054.23	4,327.23	4,281.39	45.84	94.400		
5,100.00	4,980.29	4,959.84	4,959.53	26.30	21.24	125.26	-2,290.83	-3,055.40	4,341.26	4,294.44	46.82	92.724		
5,200.00	5,077.60	5,049.27	5,048.97	26.83	21.62	125.49	-2,290.37	-3,055.61	4,354.86	4,307.17	47.69	91.308		
5,300.00	5,174.91	5,138.42	5,138.11	27.36	22.00	125.71	-2,290.16	-3,056.36	4,369.15	4,320.59	48.57	89.961		
5,400.00	5,272.23	5,245.78	5,245.47	27.89	22.45	125.98	-2,289.95	-3,056.62	4,383.01	4,333.48	49.53	88.492		
5,500.00	5,369.54	5,344.26	5,343.95	28.42	22.87	126.23	-2,289.42	-3,057.42	4,397.35	4,346.90	50.45	87.165		
5,600.00	5,466.86	5,453.43	5,453.11	28.95	23.33	126.51	-2,288.42	-3,057.68	4,411.09	4,359.67	51.42	85.785		
5,700.00	5,564.17	5,536.80	5,536.47	29.48	23.68	126.73	-2,287.31	-3,058.36	4,425.29	4,373.02	52.26	84.673		
5,800.00	5,661.48	5,629.47	5,629.13	30.01	24.08	126.98	-2,285.92	-3,059.23	4,439.64	4,386.49	53.15	83.527		
5,900.00	5,758.80	5,714.20	5,713.85	30.54	24.44	127.19	-2,285.12	-3,060.12	4,454.38	4,400.38	54.00	82.487		
6,000.00	5,856.11	5,847.22	5,846.85	31.07	25.00	127.53	-2,283.43	-3,061.22	4,468.88	4,413.79	55.09	81.117		
6,100.00	5,953.43	5,950.02	5,949.64	31.61	25.44	127.79	-2,282.44	-3,061.29	4,482.89	4,426.86	56.03	80.007		
6,200.00	6,050.74	6,042.60	6,042.22	32.14	25.83	128.02	-2,281.39	-3,061.60	4,497.16	4,440.24	56.92	79.009		
6,300.00	6,148.05	6,163.06	6,162.68	32.67	26.34	128.30	-2,281.05	-3,061.31	4,511.32	4,453.37	57.95	77.851		
6,400.00	6,245.37	6,243.39	6,243.01	33.20	26.68	128.49	-2,280.56	-3,060.95	4,525.24	4,466.47	58.77	76.993		
6,500.00	6,342.68	6,309.41	6,309.02	33.73	26.96	128.65	-2,280.22	-3,061.20	4,539.99	4,480.46	59.53	76.268		
6,520.81	6,362.93	6,347.52	6,347.13	33.85	27.12	128.74	-2,280.00	-3,061.38	4,543.08	4,483.28	59.81	75.962		
6,550.00	6,391.46	6,401.29	6,400.90	34.00	27.35	122.66	-2,279.57	-3,061.41	4,546.68	4,486.49	60.20	75.529		
6,600.00	6,440.79	6,434.84	6,434.45	34.23	27.49	103.92	-2,279.33	-3,061.38	4,549.96	4,489.41	60.56	75.137		
6,650.00	6,490.44	6,469.44	6,469.05	34.43	27.64	68.78	-2,279.20	-3,061.43	4,549.79	4,488.90	60.89	74.718		
6,700.00	6,540.10	6,509.11	6,508.72	34.60	27.81	32.55	-2,279.21	-3,061.56	4,546.17	4,484.94	61.23	74.252		
6,750.00	6,589.46	6,585.78	6,585.39	34.76	28.13	12.49	-2,279.14	-3,061.65	4,538.83	4,477.11	61.73	73.532		
6,800.00	6,638.22	6,628.68	6,628.29	34.92	28.32	2.04	-2,279.04	-3,061.59	4,527.79	4,465.76	62.04	72.983		
6,850.00	6,686.09	6,750.43	6,649.18	35.07	28.83	-4.21	-2,278.92	-3,061.52	4,513.33	4,450.67	62.66	72.033		
6,900.00	6,732.75	6,703.69	6,695.92	35.24	28.63	-8.52	-2,279.28	-3,061.64	4,495.75	4,433.18	62.57	71.846		
6,950.00	6,777.94	6,741.58	6,741.19	35.42	28.80	-11.88	-2,279.63	-3,061.75	4,474.88	4,412.04	62.84	71.205		
7,000.00	6,821.36	6,785.09	6,784.70	35.61	28.98	-14.79	-2,279.97	-3,061.86	4,450.85	4,387.72	63.13	70.500		
7,050.00	6,862.75	6,826.58	6,826.18	35.83	29.16	-17.51	-2,280.30	-3,061.97	4,423.81	4,360.40	63.41	69.767		
7,100.00	6,901.85	6,865.78	6,865.39	36.06	29.32	-20.26	-2,280.60	-3,062.07	4,393.94	4,330.27	63.67	69.009		
7,150.00	6,938.43	6,902.47	6,902.07	36.32	29.48	-23.17	-2,280.89	-3,062.16	4,361.43	4,297.51	63.92	68.229		
7,200.00	6,972.26	6,936.41	6,936.01	36.61	29.62	-26.40	-2,281.15	-3,062.25	4,326.49	4,262.33	64.16	67.428		
7,250.00	7,003.13	6,967.39	6,966.99	36.93	29.75	-30.07	-2,281.39	-3,062.33	4,289.35	4,224.95	64.40	66.608		
7,300.00	7,030.85	6,995.22	6,994.82	37.29	29.87	-34.34	-2,281.61	-3,062.40	4,250.24	4,185.62	64.62	65.773		
7,350.00	7,055.25	7,019.73	7,019.33	37.68	29.97	-39.38	-2,281.80	-3,062.46	4,209.43	4,144.59	64.84	64.924		
7,400.00	7,076.17	7,040.77	7,040.37	38.12	30.06	-45.35	-2,281.97	-3,062.51	4,167.17	4,102.12	65.05	64.065		
7,450.00	7,093.50	7,058.22	7,057.81	38.60	30.14	-52.39	-2,282.10	-3,062.56	4,123.74	4,058.49	65.25	63.197		
7,500.00	7,107.11	7,071.95	7,071.55	39.11	30.20	-60.53	-2,282.21	-3,062.59	4,079.42	4,013.97	65.45	62.325		
7,550.00	7,116.94	7,081.89	7,081.49	39.66	30.24	-69.63	-2,282.29	-3,062.62	4,034.50	3,968.85	65.65	61.451		
7,600.00	7,122.91	7,087.98	7,087.58	40.24	30.26	-79.30	-2,282.33	-3,062.63	3,989.27	3,923.42	65.85	60.579		
7,650.18	7,125.00	7,090.18	7,089.77	40.85	30.27	-88.99	-2,282.35	-3,062.64	3,943.86	3,877.81	66.05	59.709		
7,700.00	7,125.12	7,090.41	7,090.00	41.48	30.27	-89.00	-2,282.35	-3,062.64	3,898.91	3,832.66	66.26	58.846		
7,800.00	7,125.36	7,090.87	7,090.46	42.88	30.28	-89.02	-2,282.36	-3,062.64	3,809.07	3,742.35	66.72	57.087		
7,900.00	7,125.60	7,091.33	7,090.92	44.42	30.28	-89.03	-2,282.36	-3,062.64	3,719.74	3,652.47	67.27	55.295		
8,000.00	7,125.84	7,091.79	7,091.38	46.10	30.28	-89.05	-2,282.36	-3,062.64	3,630.97	3,563.07	67.90	53.472		
8,100.00	7,126.08	7,092.25	7,091.84	47.89	30.28	-89.06	-2,282.37	-3,062.64	3,542.80	3,474.17	68.63	51.621		
8,200.00	7,126.32	7,092.71	7,092.30	49.79	30.28	-89.08	-2,282.37	-3,062.65	3,455.27	3,385.82	69.46	49.747		
8,300.00	7,126.56	7,093.17	7,092.76	51.79	30.29	-89.09	-2,282.38	-3,062.65	3,368.44	3,298.05	70.39	47.853		
8,400.00	7,126.80	7,093.63	7,093.22	53.86	30.29	-89.11	-2,282.38	-3,062.65	3,282.36	3,210.92	71.44	45.945		
8,500.00	7,127.04	7,094.09	7,093.69	56.00	30.29	-89.12	-2,282.38	-3,062.65	3,197.09	3,124.47	72.61	44.029		
8,600.00	7,127.28	7,094.55	7,094.15	58.21	30.29	-89.14	-2,282.39	-3,062.65	3,112.69	3,038.77	73.92	42.111		
8,689.38	7,127.49	7,094.96	7,094.56	60.24	30.29	-89.15	-2,282.39	-3,062.65	3,038.05	2,962.85	75.20	40.400		
8,700.00	7,127.52	7,095.01	7,094.61	60.48	30.29	-89.15	-2,282.39	-3,062.65	3,029.23	2,953.87	75.36	40.198		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	7,095.49	7,095.08	62.79	30.30	-89.12	-2,282.39	-3,062.65	2,945.62	2,868.73	76.89	38.308		
8,841.07	7,127.85	7,095.69	7,095.29	63.74	30.30	-89.10	-2,282.39	-3,062.65	2,911.02	2,833.48	77.54	37.542		
8,900.00	7,128.00	7,095.99	7,095.58	65.12	30.30	-89.11	-2,282.40	-3,062.65	2,861.45	2,782.95	78.50	36.452		
9,000.00	7,128.23	7,096.49	7,096.08	67.50	30.30	-89.13	-2,282.40	-3,062.65	2,778.15	2,697.91	80.24	34.621		
9,100.00	7,128.47	7,096.99	7,096.59	69.91	30.30	-89.15	-2,282.40	-3,062.66	2,696.00	2,613.85	82.15	32.820		
9,200.00	7,128.71	7,097.49	7,097.09	72.35	30.30	-89.17	-2,282.41	-3,062.66	2,615.08	2,530.87	84.21	31.053		
9,300.00	7,128.95	7,097.99	7,097.59	74.83	30.31	-89.19	-2,282.41	-3,062.66	2,535.53	2,449.08	86.45	29.328		
9,400.00	7,129.19	7,098.50	7,098.09	77.33	30.31	-89.20	-2,282.42	-3,062.66	2,457.47	2,368.60	88.88	27.650		
9,500.00	7,129.43	7,099.00	7,098.59	79.86	30.31	-89.22	-2,282.42	-3,062.66	2,381.06	2,289.57	91.49	26.026		
9,600.00	7,129.67	7,099.50	7,099.09	82.41	30.31	-89.24	-2,282.42	-3,062.66	2,306.44	2,212.15	94.29	24.460		
9,700.00	7,129.91	7,100.00	7,099.60	84.97	30.31	-89.26	-2,282.43	-3,062.66	2,233.82	2,136.52	97.30	22.958		
9,800.00	7,130.15	7,100.50	7,100.10	87.56	30.32	-89.28	-2,282.43	-3,062.67	2,163.38	2,062.87	100.51	21.525		
9,900.00	7,130.39	7,101.00	7,100.60	90.16	30.32	-89.30	-2,282.44	-3,062.67	2,095.34	1,991.43	103.91	20.164		
10,000.00	7,130.63	7,101.51	7,101.10	92.78	30.32	-89.32	-2,282.44	-3,062.67	2,029.95	1,922.43	107.52	18.880		
10,100.00	7,130.87	7,102.01	7,101.60	95.41	30.32	-89.33	-2,282.44	-3,062.67	1,967.48	1,856.17	111.31	17.676		
10,200.00	7,131.11	7,102.51	7,102.10	98.06	30.32	-89.35	-2,282.45	-3,062.67	1,908.20	1,792.92	115.27	16.554		
10,300.00	7,131.35	7,103.01	7,102.60	100.71	30.33	-89.37	-2,282.45	-3,062.67	1,852.42	1,733.03	119.39	15.516		
10,400.00	7,131.59	7,103.51	7,103.11	103.38	30.33	-89.39	-2,282.46	-3,062.67	1,800.48	1,676.85	123.62	14.564		
10,500.00	7,131.83	7,104.01	7,103.61	106.06	30.33	-89.41	-2,282.46	-3,062.67	1,752.70	1,624.77	127.94	13.700		
10,600.00	7,132.07	7,104.51	7,104.11	108.74	30.33	-89.43	-2,282.46	-3,062.68	1,709.45	1,577.16	132.29	12.922		
10,700.00	7,132.31	7,105.02	7,104.61	111.44	30.34	-89.44	-2,282.47	-3,062.68	1,671.07	1,534.46	136.61	12.233		
10,800.00	7,132.55	7,105.52	7,105.11	114.14	30.34	-89.46	-2,282.47	-3,062.68	1,637.90	1,497.07	140.84	11.630		
10,900.00	7,132.79	7,106.02	7,105.61	116.85	30.34	-89.48	-2,282.48	-3,062.68	1,610.27	1,465.37	144.90	11.113		
11,000.00	7,133.03	7,106.52	7,106.12	119.57	30.34	-89.50	-2,282.48	-3,062.68	1,588.47	1,439.75	148.72	10.681		
11,100.00	7,133.27	7,107.02	7,106.62	122.29	30.34	-89.52	-2,282.48	-3,062.68	1,572.73	1,420.50	152.22	10.332		
11,200.00	7,133.51	7,107.52	7,107.12	125.02	30.35	-89.54	-2,282.49	-3,062.68	1,563.24	1,407.90	155.35	10.063		
11,298.76	7,133.74	7,108.02	7,107.61	127.72	30.35	-89.55	-2,282.49	-3,062.68	1,560.12	1,402.12	158.00	9.874 CC		
11,300.00	7,133.74	7,108.03	7,107.62	127.76	30.35	-89.55	-2,282.49	-3,062.68	1,560.12	1,402.09	158.03	9.872 ES		
11,400.00	7,133.98	7,108.53	7,108.12	130.50	30.35	-89.57	-2,282.49	-3,062.69	1,563.40	1,403.17	160.23	9.757		
11,500.00	7,134.22	7,109.03	7,108.62	133.24	30.35	-89.59	-2,282.50	-3,062.69	1,573.04	1,411.11	161.93	9.714 SF		
11,600.00	7,134.46	7,109.53	7,109.13	135.99	30.35	-89.61	-2,282.50	-3,062.69	1,588.93	1,425.81	163.12	9.741		
11,700.00	7,134.70	7,110.03	7,109.63	138.75	30.36	-89.63	-2,282.51	-3,062.69	1,610.89	1,447.06	163.83	9.833		
11,800.00	7,134.94	7,110.53	7,110.13	141.51	30.36	-89.65	-2,282.51	-3,062.69	1,638.66	1,474.59	164.07	9.988		
11,900.00	7,135.18	7,111.04	7,110.63	144.27	30.36	-89.67	-2,282.51	-3,062.69	1,671.96	1,508.07	163.89	10.202		
12,000.00	7,135.42	7,111.54	7,111.13	147.03	30.36	-89.68	-2,282.52	-3,062.69	1,710.47	1,547.13	163.34	10.472		
12,100.00	7,135.66	7,112.04	7,111.63	149.80	30.37	-89.70	-2,282.52	-3,062.69	1,753.83	1,591.36	162.47	10.795		
12,200.00	7,135.90	7,112.54	7,112.14	152.58	30.37	-89.72	-2,282.53	-3,062.70	1,801.72	1,640.37	161.35	11.167		
12,300.00	7,136.14	7,113.04	7,112.64	155.35	30.37	-89.74	-2,282.53	-3,062.70	1,853.76	1,693.75	160.01	11.585		
12,400.00	7,136.38	7,113.54	7,113.14	158.13	30.37	-89.76	-2,282.53	-3,062.70	1,909.62	1,751.11	158.51	12.047		
12,500.00	7,136.62	7,114.05	7,113.64	160.91	30.37	-89.78	-2,282.54	-3,062.70	1,968.99	1,812.09	156.89	12.550		
12,600.00	7,136.86	7,114.55	7,114.14	163.70	30.38	-89.79	-2,282.54	-3,062.70	2,031.54	1,876.34	155.19	13.090		
12,700.00	7,137.10	7,115.05	7,114.64	166.48	30.38	-89.81	-2,282.55	-3,062.70	2,097.00	1,943.55	153.44	13.666		
12,800.00	7,137.34	7,115.55	7,115.14	169.27	30.38	-89.83	-2,282.55	-3,062.70	2,165.09	2,013.43	151.67	14.275		
12,900.00	7,137.58	7,116.05	7,115.65	172.06	30.38	-89.85	-2,282.55	-3,062.70	2,235.59	2,085.71	149.88	14.916		
13,000.00	7,137.82	7,116.55	7,116.15	174.86	30.38	-89.87	-2,282.56	-3,062.71	2,308.27	2,160.16	148.11	15.584		
13,100.00	7,138.06	7,117.05	7,116.65	177.65	30.39	-89.89	-2,282.56	-3,062.71	2,382.93	2,236.56	146.37	16.280		
13,200.00	7,138.30	7,117.56	7,117.15	180.45	30.39	-89.90	-2,282.57	-3,062.71	2,459.39	2,314.73	144.66	17.001		
13,300.00	7,138.54	7,118.06	7,117.65	183.25	30.39	-89.92	-2,282.57	-3,062.71	2,537.48	2,394.49	142.99	17.746		
13,400.00	7,138.78	7,118.56	7,118.15	186.05	30.39	-89.94	-2,282.57	-3,062.71	2,617.07	2,475.70	141.37	18.512		
13,500.00	7,139.02	7,119.06	7,118.66	188.85	30.40	-89.96	-2,282.58	-3,062.71	2,698.02	2,558.21	139.80	19.299		
13,600.00	7,139.25	7,119.56	7,119.16	191.65	30.40	-89.98	-2,282.58	-3,062.71	2,780.20	2,641.92	138.29	20.104		
13,700.00	7,139.49	7,120.06	7,119.66	194.46	30.40	-90.00	-2,282.58	-3,062.71	2,863.52	2,726.70	136.83	20.928		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Jeff #1 - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,139.73	7,120.57	7,120.16	197.27	30.40	-90.02	-2,282.59	-3,062.72	2,947.88	2,812.46	135.42	21.768		
13,900.00	7,139.97	7,121.07	7,120.66	200.08	30.40	-90.03	-2,282.59	-3,062.72	3,033.19	2,899.12	134.07	22.624		
14,000.00	7,140.21	7,121.57	7,121.16	202.89	30.41	-90.05	-2,282.60	-3,062.72	3,119.37	2,986.60	132.77	23.495		
14,100.00	7,140.45	7,122.07	7,121.67	205.70	30.41	-90.07	-2,282.60	-3,062.72	3,206.35	3,074.83	131.52	24.379		
14,200.00	7,140.69	7,122.57	7,122.17	208.51	30.41	-90.09	-2,282.60	-3,062.72	3,294.08	3,163.75	130.33	25.275		
14,300.00	7,140.93	7,123.07	7,122.67	211.32	30.41	-90.11	-2,282.61	-3,062.72	3,382.48	3,253.30	129.18	26.184		
14,400.00	7,141.17	7,123.58	7,123.17	214.14	30.41	-90.13	-2,282.61	-3,062.72	3,471.51	3,343.43	128.08	27.104		
14,500.00	7,141.41	7,124.08	7,123.67	216.95	30.42	-90.14	-2,282.62	-3,062.73	3,561.13	3,434.10	127.03	28.034		
14,600.00	7,141.65	7,124.58	7,124.17	219.77	30.42	-90.16	-2,282.62	-3,062.73	3,651.28	3,525.26	126.02	28.974		
14,700.00	7,141.89	7,125.08	7,124.67	222.59	30.42	-90.18	-2,282.62	-3,062.73	3,741.94	3,616.89	125.05	29.923		
14,800.00	7,142.13	7,125.58	7,125.18	225.41	30.42	-90.20	-2,282.63	-3,062.73	3,833.06	3,708.93	124.12	30.881		
14,900.00	7,142.37	7,126.08	7,125.68	228.23	30.42	-90.22	-2,282.63	-3,062.73	3,924.61	3,801.38	123.23	31.847		
15,000.00	7,142.61	7,126.59	7,126.18	231.05	30.43	-90.24	-2,282.64	-3,062.73	4,016.56	3,894.18	122.38	32.820		
15,100.00	7,142.85	7,127.09	7,126.68	233.87	30.43	-90.25	-2,282.64	-3,062.73	4,108.90	3,987.33	121.56	33.800		
15,200.00	7,143.09	7,127.59	7,127.18	236.69	30.43	-90.27	-2,282.64	-3,062.73	4,201.58	4,080.80	120.78	34.787		
15,300.00	7,143.33	7,128.09	7,127.68	239.52	30.43	-90.29	-2,282.65	-3,062.74	4,294.59	4,174.56	120.03	35.780		
15,400.00	7,143.57	7,128.59	7,128.19	242.34	30.44	-90.31	-2,282.65	-3,062.74	4,387.90	4,268.60	119.31	36.779		
15,500.00	7,143.81	7,129.09	7,128.69	245.17	30.44	-90.33	-2,282.66	-3,062.74	4,481.51	4,362.90	118.61	37.783		
15,600.00	7,144.05	7,129.59	7,129.19	247.99	30.44	-90.35	-2,282.66	-3,062.74	4,575.39	4,457.44	117.95	38.792		
15,700.00	7,144.29	7,130.10	7,129.69	250.82	30.44	-90.37	-2,282.66	-3,062.74	4,669.52	4,552.21	117.31	39.806		
15,800.00	7,144.53	7,130.60	7,130.19	253.64	30.44	-90.38	-2,282.67	-3,062.74	4,763.89	4,647.19	116.69	40.824		
15,900.00	7,144.76	7,131.10	7,130.69	256.47	30.45	-90.40	-2,282.67	-3,062.74	4,858.48	4,742.38	116.10	41.846		
16,000.00	7,145.00	7,131.60	7,131.20	259.30	30.45	-90.42	-2,282.67	-3,062.74	4,953.29	4,837.75	115.54	42.872		
16,100.00	7,145.24	7,132.10	7,131.70	262.13	30.45	-90.44	-2,282.68	-3,062.75	5,048.29	4,933.30	114.99	43.901		
16,200.00	7,145.48	7,132.60	7,132.20	264.96	30.45	-90.46	-2,282.68	-3,062.75	5,143.49	5,029.02	114.47	44.934		
16,300.00	7,145.72	7,133.11	7,132.70	267.79	30.45	-90.48	-2,282.69	-3,062.75	5,238.87	5,124.90	113.96	45.969		
16,400.00	7,145.96	7,133.61	7,133.20	270.62	30.46	-90.49	-2,282.69	-3,062.75	5,334.41	5,220.93	113.48	47.008		
16,500.00	7,146.20	7,134.11	7,133.70	273.45	30.46	-90.51	-2,282.69	-3,062.75	5,430.12	5,317.11	113.01	48.049		
16,600.00	7,146.44	7,134.61	7,134.20	276.28	30.46	-90.53	-2,282.70	-3,062.75	5,525.97	5,413.41	112.56	49.092		
16,700.00	7,146.68	7,135.11	7,134.71	279.12	30.46	-90.55	-2,282.70	-3,062.75	5,621.98	5,509.85	112.13	50.138		
16,800.00	7,146.92	7,135.61	7,135.21	281.95	30.47	-90.57	-2,282.71	-3,062.75	5,718.11	5,606.40	111.71	51.186		
16,900.00	7,147.16	7,136.12	7,135.71	284.78	30.47	-90.59	-2,282.71	-3,062.76	5,814.38	5,703.07	111.31	52.235		
17,000.00	7,147.40	7,136.62	7,136.21	287.62	30.47	-90.60	-2,282.71	-3,062.76	5,910.78	5,799.85	110.93	53.286		
17,100.00	7,147.64	7,137.12	7,136.71	290.45	30.47	-90.62	-2,282.72	-3,062.76	6,007.29	5,896.73	110.55	54.338		
17,200.00	7,147.88	7,137.62	7,137.21	293.28	30.47	-90.64	-2,282.72	-3,062.76	6,103.91	5,993.72	110.19	55.392		
17,300.00	7,148.12	7,138.12	7,137.72	296.12	30.48	-90.66	-2,282.73	-3,062.76	6,200.64	6,090.79	109.85	56.447		
17,400.00	7,148.36	7,138.62	7,138.22	298.95	30.48	-90.68	-2,282.73	-3,062.76	6,297.47	6,187.96	109.51	57.503		
17,500.00	7,148.60	7,139.13	7,138.72	301.79	30.48	-90.70	-2,282.73	-3,062.76	6,394.40	6,285.21	109.19	58.560		
17,600.00	7,148.84	7,139.63	7,139.22	304.63	30.48	-90.72	-2,282.74	-3,062.76	6,491.42	6,382.54	108.88	59.618		
17,700.00	7,149.08	7,140.13	7,139.72	307.46	30.48	-90.73	-2,282.74	-3,062.77	6,588.54	6,479.95	108.58	60.676		
17,800.00	7,149.32	7,140.63	7,140.22	310.30	30.49	-90.75	-2,282.75	-3,062.77	6,685.73	6,577.44	108.30	61.735		
17,900.00	7,149.56	7,141.13	7,140.73	313.14	30.49	-90.77	-2,282.75	-3,062.77	6,783.01	6,674.99	108.02	62.795		
18,000.00	7,149.80	7,141.63	7,141.23	315.98	30.49	-90.79	-2,282.75	-3,062.77	6,880.37	6,772.62	107.75	63.855		
18,100.00	7,150.04	7,142.13	7,141.73	318.81	30.49	-90.81	-2,282.76	-3,062.77	6,977.80	6,870.30	107.49	64.914		
18,200.00	7,150.27	7,142.64	7,142.23	321.65	30.50	-90.83	-2,282.76	-3,062.77	7,075.30	6,968.06	107.24	65.974		
18,300.00	7,150.51	7,143.14	7,142.73	324.49	30.50	-90.84	-2,282.76	-3,062.77	7,172.87	7,065.87	107.00	67.035		
18,400.00	7,150.75	7,143.64	7,143.23	327.33	30.50	-90.86	-2,282.77	-3,062.77	7,270.51	7,163.74	106.77	68.095		
18,500.00	7,150.99	7,144.14	7,143.73	330.17	30.50	-90.88	-2,282.77	-3,062.78	7,368.21	7,261.66	106.55	69.154		
18,600.00	7,151.23	7,144.64	7,144.24	333.01	30.50	-90.90	-2,282.78	-3,062.78	7,465.97	7,359.64	106.33	70.214		
18,700.00	7,151.47	7,145.14	7,144.74	335.85	30.51	-90.92	-2,282.78	-3,062.78	7,563.79	7,457.67	106.12	71.273		
18,800.00	7,151.71	7,145.65	7,145.24	338.69	30.51	-90.94	-2,282.78	-3,062.78	7,661.67	7,555.74	105.92	72.332		
18,900.00	7,151.95	7,146.15	7,145.74	341.53	30.51	-90.95	-2,282.79	-3,062.78	7,759.60	7,653.87	105.73	73.391		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Falken 9-11 PAD - Jeff #1 - OH - OH		Offset Site Error:		0.00 ft	
Survey Program:												100-GYRO-NS		Offset Well Error:		3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
18,920.23	7,152.00	7,146.25	7,145.84	342.10	30.51	-90.96	-2,282.79	-3,062.78	7,779.42	7,673.73	105.69	73.605					



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	5.50	5.50	3.28	3.28	-120.86	-1,013.81	-1,696.75	1,976.55					
100.00	100.00	115.51	115.51	3.28	3.29	-120.85	-1,013.50	-1,696.57	1,976.27	1,969.70	6.57	300.607		
200.00	200.00	213.90	213.89	3.34	3.35	-120.86	-1,013.42	-1,696.09	1,975.81	1,969.12	6.69	295.269		
224.27	224.27	237.42	237.42	3.36	3.38	119.14	-1,013.45	-1,695.95	1,975.76	1,969.02	6.73	293.370		
300.00	299.98	310.63	310.63	3.44	3.47	119.16	-1,013.57	-1,695.58	1,976.29	1,969.38	6.91	286.166		
400.00	399.84	406.22	406.22	3.60	3.62	119.24	-1,013.83	-1,695.25	1,978.68	1,971.47	7.21	274.379		
500.00	499.45	508.63	508.62	3.80	3.82	119.38	-1,014.00	-1,694.98	1,982.82	1,975.20	7.62	260.274		
600.00	598.70	605.32	605.31	4.04	4.05	119.57	-1,013.99	-1,694.83	1,988.71	1,980.62	8.09	245.745		
700.00	697.47	692.24	692.24	4.33	4.28	119.78	-1,013.95	-1,695.08	1,996.76	1,988.15	8.61	231.971		
800.00	795.62	786.85	786.84	4.65	4.55	120.06	-1,014.10	-1,695.67	2,007.04	1,997.83	9.20	218.125		
865.50	859.53	854.55	854.55	4.89	4.75	120.29	-1,014.30	-1,696.04	2,014.79	2,005.15	9.64	209.048		
900.00	893.10	890.88	890.87	5.02	4.87	120.50	-1,014.28	-1,696.23	2,019.04	2,009.16	9.88	204.385		
1,000.00	990.42	989.13	989.12	5.41	5.18	121.06	-1,014.11	-1,696.68	2,031.38	2,020.80	10.58	191.994		
1,100.00	1,087.73	1,092.25	1,092.24	5.83	5.53	121.64	-1,014.04	-1,696.93	2,043.78	2,032.45	11.33	180.325		
1,200.00	1,185.05	1,182.90	1,182.88	6.27	5.85	122.14	-1,014.32	-1,696.95	2,056.35	2,044.28	12.07	170.352		
1,300.00	1,282.36	1,268.33	1,268.32	6.72	6.15	122.59	-1,014.83	-1,697.27	2,069.54	2,056.73	12.81	161.563		
1,400.00	1,379.67	1,362.98	1,362.96	7.18	6.50	123.11	-1,015.13	-1,698.26	2,083.35	2,069.75	13.60	153.195		
1,500.00	1,476.99	1,473.04	1,473.01	7.65	6.91	123.68	-1,015.98	-1,698.84	2,097.08	2,082.61	14.47	144.968		
1,600.00	1,574.30	1,585.18	1,585.16	8.13	7.34	124.25	-1,016.63	-1,698.60	2,110.24	2,094.88	15.36	137.427		
1,700.00	1,671.61	1,691.41	1,691.38	8.62	7.75	124.78	-1,017.01	-1,697.84	2,123.02	2,106.79	16.23	130.788		
1,800.00	1,768.93	1,767.90	1,767.87	9.11	8.04	125.17	-1,017.08	-1,697.57	2,136.19	2,119.20	16.99	125.703		
1,900.00	1,866.24	1,857.10	1,857.07	9.60	8.39	125.62	-1,017.21	-1,698.15	2,150.40	2,132.59	17.81	120.712		
2,000.00	1,963.56	1,957.70	1,957.66	10.10	8.79	126.12	-1,017.77	-1,698.53	2,164.71	2,146.02	18.69	115.822		
2,100.00	2,060.87	2,062.32	2,062.28	10.61	9.21	126.62	-1,018.29	-1,698.74	2,178.98	2,159.39	19.59	111.235		
2,200.00	2,158.18	2,159.82	2,159.78	11.11	9.60	127.09	-1,018.72	-1,698.64	2,193.11	2,172.65	20.46	107.184		
2,300.00	2,255.50	2,251.27	2,251.23	11.62	9.97	127.53	-1,018.78	-1,698.90	2,207.59	2,186.28	21.31	103.596		
2,400.00	2,352.81	2,348.71	2,348.67	12.13	10.36	127.99	-1,019.15	-1,699.27	2,222.42	2,200.23	22.19	100.161		
2,500.00	2,450.13	2,450.19	2,450.14	12.65	10.77	128.45	-1,019.65	-1,699.39	2,237.19	2,214.10	23.09	96.895		
2,600.00	2,547.44	2,549.47	2,549.43	13.16	11.18	128.90	-1,020.14	-1,699.40	2,252.00	2,228.02	23.98	93.906		
2,700.00	2,644.75	2,650.22	2,650.17	13.68	11.59	129.35	-1,020.52	-1,699.33	2,266.83	2,241.95	24.88	91.100		
2,800.00	2,742.07	2,746.36	2,746.31	14.20	11.99	129.78	-1,020.89	-1,699.14	2,281.68	2,255.92	25.76	88.560		
2,900.00	2,839.38	2,847.20	2,847.15	14.71	12.40	130.21	-1,021.62	-1,698.97	2,296.79	2,270.12	26.67	86.119		
3,000.00	2,936.70	2,947.68	2,947.63	15.23	12.82	130.63	-1,022.21	-1,698.43	2,311.62	2,284.05	27.58	83.830		
3,100.00	3,034.01	3,041.24	3,041.19	15.76	13.21	131.03	-1,022.56	-1,698.21	2,326.81	2,298.36	28.45	81.792		
3,200.00	3,131.32	3,136.33	3,136.28	16.28	13.60	131.43	-1,022.82	-1,697.99	2,342.08	2,312.76	29.33	79.857		
3,300.00	3,228.64	3,223.15	3,223.10	16.80	13.96	131.80	-1,023.13	-1,698.12	2,357.85	2,327.68	30.17	78.156		
3,400.00	3,325.95	3,314.85	3,314.80	17.32	14.34	132.18	-1,023.37	-1,698.62	2,374.08	2,343.04	31.03	76.501		
3,500.00	3,423.26	3,416.87	3,416.81	17.85	14.77	132.59	-1,023.87	-1,699.06	2,390.39	2,358.43	31.95	74.814		
3,600.00	3,520.58	3,511.37	3,511.31	18.37	15.17	132.97	-1,024.23	-1,699.46	2,406.77	2,373.94	32.83	73.309		
3,700.00	3,617.89	3,598.78	3,598.72	18.90	15.53	133.32	-1,024.60	-1,700.08	2,423.54	2,389.86	33.67	71.972		
3,800.00	3,715.21	3,707.48	3,707.42	19.43	15.99	133.74	-1,025.58	-1,700.67	2,440.39	2,405.76	34.63	70.474		
3,900.00	3,812.52	3,804.03	3,803.96	19.95	16.39	134.10	-1,026.70	-1,700.92	2,457.14	2,421.62	35.52	69.177		
4,000.00	3,909.83	3,892.30	3,892.22	20.48	16.76	134.42	-1,027.67	-1,701.34	2,474.17	2,437.80	36.37	68.033		
4,100.00	4,007.15	3,979.90	3,979.81	21.01	17.13	134.74	-1,028.38	-1,702.16	2,491.65	2,454.44	37.21	66.961		
4,200.00	4,104.46	4,074.26	4,074.17	21.53	17.53	135.10	-1,028.79	-1,703.40	2,509.51	2,471.42	38.09	65.885		
4,300.00	4,201.78	4,169.69	4,169.58	22.06	17.93	135.46	-1,029.10	-1,704.74	2,527.52	2,488.54	38.97	64.852		
4,400.00	4,299.09	4,285.44	4,285.32	22.59	18.41	135.90	-1,028.76	-1,706.26	2,545.43	2,505.46	39.97	63.685		
4,500.00	4,396.40	4,405.95	4,405.82	23.12	18.92	136.37	-1,027.37	-1,706.92	2,562.52	2,521.53	40.99	62.519		
4,600.00	4,493.72	4,519.30	4,519.16	23.65	19.39	136.81	-1,026.07	-1,706.66	2,578.98	2,537.01	41.97	61.453		
4,700.00	4,591.03	4,605.96	4,605.82	24.18	19.76	137.12	-1,025.56	-1,706.34	2,595.52	2,552.72	42.80	60.637		
4,800.00	4,688.34	4,697.15	4,697.00	24.71	20.14	137.45	-1,024.96	-1,706.23	2,612.39	2,568.73	43.67	59.828		
4,900.00	4,785.66	4,814.85	4,814.71	25.24	20.63	137.88	-1,023.77	-1,705.73	2,628.98	2,584.32	44.67	58.855		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,882.97	4,896.10	4,895.94	25.77	20.98	138.16	-1,023.32	-1,705.32	2,645.70	2,600.22	45.48	58.178		
5,100.00	4,980.29	5,013.48	5,013.32	26.30	21.47	138.56	-1,023.00	-1,704.60	2,662.47	2,615.99	46.48	57.284		
5,200.00	5,077.60	5,088.71	5,088.56	26.83	21.79	138.82	-1,022.60	-1,704.28	2,679.42	2,632.17	47.25	56.705		
5,300.00	5,174.91	5,178.51	5,178.35	27.36	22.17	139.12	-1,021.98	-1,704.34	2,696.93	2,648.83	48.10	56.065		
5,400.00	5,272.23	5,272.17	5,272.01	27.89	22.56	139.44	-1,021.30	-1,704.59	2,714.71	2,665.74	48.98	55.429		
5,500.00	5,369.54	5,367.70	5,367.54	28.42	22.96	139.76	-1,020.59	-1,704.94	2,732.67	2,682.81	49.86	54.808		
5,600.00	5,466.86	5,460.64	5,460.47	28.95	23.36	140.07	-1,020.04	-1,705.32	2,750.80	2,700.07	50.73	54.227		
5,700.00	5,564.17	5,561.07	5,560.90	29.48	23.78	140.39	-1,019.57	-1,705.83	2,769.11	2,717.47	51.64	53.625		
5,800.00	5,661.48	5,655.62	5,655.45	30.01	24.18	140.69	-1,019.15	-1,706.14	2,787.34	2,734.83	52.51	53.077		
5,900.00	5,758.80	5,752.02	5,751.85	30.54	24.59	140.99	-1,018.72	-1,706.69	2,805.88	2,752.48	53.40	52.542		
6,000.00	5,856.11	5,854.11	5,853.93	31.07	25.02	141.31	-1,018.14	-1,707.09	2,824.30	2,769.98	54.32	51.992		
6,100.00	5,953.43	5,945.80	5,945.62	31.61	25.41	141.59	-1,017.77	-1,707.41	2,842.79	2,787.61	55.18	51.517		
6,200.00	6,050.74	6,055.78	6,055.60	32.14	25.88	141.92	-1,017.56	-1,707.96	2,861.55	2,805.40	56.15	50.964		
6,300.00	6,148.05	6,153.47	6,153.29	32.67	26.29	142.20	-1,017.46	-1,707.69	2,879.62	2,822.57	57.04	50.482		
6,400.00	6,245.37	6,232.36	6,232.17	33.20	26.62	142.42	-1,017.59	-1,707.96	2,898.36	2,840.54	57.83	50.122		
6,500.00	6,342.68	6,315.62	6,315.43	33.73	26.98	142.64	-1,018.23	-1,708.59	2,917.65	2,859.02	58.63	49.761		
6,520.81	6,362.93	6,331.46	6,331.28	33.85	27.04	142.68	-1,018.38	-1,708.76	2,921.74	2,862.95	58.79	49.696		
6,550.00	6,391.46	6,353.78	6,353.59	34.00	27.14	136.49	-1,018.57	-1,709.05	2,926.89	2,867.88	59.01	49.599		
6,600.00	6,440.79	6,392.35	6,392.15	34.23	27.30	117.74	-1,018.86	-1,709.65	2,932.81	2,873.43	59.38	49.394		
6,650.00	6,490.44	6,438.15	6,437.95	34.43	27.50	82.69	-1,019.05	-1,710.52	2,935.01	2,875.25	59.77	49.109		
6,700.00	6,540.10	6,485.68	6,485.46	34.60	27.70	46.62	-1,018.92	-1,711.49	2,933.39	2,873.25	60.14	48.778		
6,750.00	6,589.46	6,532.33	6,532.10	34.76	27.90	26.78	-1,018.48	-1,712.51	2,927.94	2,867.46	60.48	48.413		
6,800.00	6,638.22	6,578.21	6,577.96	34.92	28.09	16.67	-1,017.86	-1,713.58	2,918.71	2,857.91	60.80	48.008		
6,850.00	6,686.09	6,661.23	6,660.95	35.07	28.45	10.92	-1,016.35	-1,715.25	2,905.59	2,844.26	61.33	47.375		
6,900.00	6,732.75	6,727.77	6,727.48	35.24	28.73	7.19	-1,014.92	-1,715.73	2,888.06	2,826.31	61.75	46.772		
6,950.00	6,777.94	6,768.45	6,768.15	35.42	28.90	4.48	-1,014.20	-1,715.98	2,866.96	2,804.97	61.99	46.246		
7,000.00	6,821.36	6,808.60	6,808.30	35.61	29.07	2.37	-1,013.67	-1,716.27	2,842.48	2,780.26	62.23	45.679		
7,050.00	6,862.75	6,850.69	6,850.38	35.83	29.25	0.60	-1,013.11	-1,716.59	2,814.72	2,752.26	62.46	45.062		
7,100.00	6,901.85	6,890.47	6,890.15	36.06	29.42	-1.01	-1,012.52	-1,716.89	2,783.83	2,721.15	62.68	44.414		
7,150.00	6,938.43	6,931.29	6,930.96	36.32	29.59	-2.58	-1,011.83	-1,717.18	2,749.97	2,687.07	62.89	43.723		
7,200.00	6,972.26	6,970.09	6,969.76	36.61	29.76	-4.22	-1,011.06	-1,717.39	2,713.32	2,650.22	63.10	43.004		
7,250.00	7,003.13	7,005.40	7,005.06	36.93	29.91	-6.05	-1,010.26	-1,717.54	2,674.12	2,610.85	63.27	42.263		
7,300.00	7,030.85	7,033.79	7,033.44	37.29	30.03	-8.22	-1,009.60	-1,717.64	2,632.65	2,569.24	63.41	41.517		
7,350.00	7,055.25	7,059.20	7,058.84	37.68	30.14	-10.96	-1,009.01	-1,717.72	2,589.19	2,525.65	63.53	40.753		
7,400.00	7,076.17	7,080.99	7,080.63	38.12	30.23	-14.61	-1,008.51	-1,717.78	2,544.00	2,480.36	63.64	39.974		
7,450.00	7,093.50	7,099.05	7,098.69	38.60	30.31	-19.79	-1,008.09	-1,717.82	2,497.37	2,433.64	63.73	39.185		
7,500.00	7,107.11	7,112.82	7,112.45	39.11	30.36	-27.67	-1,007.77	-1,717.85	2,449.60	2,385.79	63.81	38.389		
7,550.00	7,116.94	7,122.78	7,122.41	39.66	30.41	-40.42	-1,007.54	-1,717.88	2,400.99	2,337.11	63.88	37.588		
7,600.00	7,122.91	7,128.90	7,128.53	40.24	30.43	-61.20	-1,007.40	-1,717.89	2,351.84	2,287.90	63.93	36.785		
7,650.18	7,125.00	7,131.15	7,130.77	40.85	30.44	-89.26	-1,007.35	-1,717.89	2,302.29	2,238.30	63.99	35.981		
7,700.00	7,125.12	7,131.43	7,131.06	41.48	30.44	-89.30	-1,007.34	-1,717.90	2,253.09	2,189.05	64.04	35.183		
7,800.00	7,125.36	7,132.00	7,131.63	42.88	30.45	-89.39	-1,007.33	-1,717.90	2,154.44	2,090.28	64.16	33.581		
7,900.00	7,125.60	7,132.57	7,132.19	44.42	30.45	-89.48	-1,007.32	-1,717.90	2,055.91	1,991.61	64.30	31.973		
8,000.00	7,125.84	7,133.14	7,132.76	46.10	30.45	-89.57	-1,007.30	-1,717.90	1,957.53	1,893.06	64.48	30.360		
8,100.00	7,126.08	7,133.71	7,133.33	47.89	30.45	-89.66	-1,007.29	-1,717.90	1,859.33	1,794.64	64.69	28.743		
8,200.00	7,126.32	7,134.28	7,133.90	49.79	30.46	-89.75	-1,007.28	-1,717.90	1,761.33	1,696.38	64.95	27.119		
8,300.00	7,126.56	7,134.85	7,134.47	51.79	30.46	-89.84	-1,007.26	-1,717.90	1,663.56	1,598.30	65.26	25.490		
8,400.00	7,126.80	7,135.42	7,135.04	53.86	30.46	-89.93	-1,007.25	-1,717.90	1,566.08	1,500.43	65.65	23.854		
8,500.00	7,127.04	7,135.99	7,135.61	56.00	30.46	-90.03	-1,007.24	-1,717.91	1,468.94	1,402.81	66.13	22.212		
8,600.00	7,127.28	7,136.56	7,136.18	58.21	30.47	-90.12	-1,007.22	-1,717.91	1,372.21	1,305.48	66.73	20.564		
8,689.38	7,127.49	7,137.07	7,136.69	60.24	30.47	-90.20	-1,007.21	-1,717.91	1,286.17	1,218.78	67.39	19.086		
8,700.00	7,127.52	7,137.13	7,136.75	60.48	30.47	-90.21	-1,007.21	-1,717.91	1,275.97	1,208.50	67.47	18.910		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	7,137.65	7,137.27	62.79	30.47	-90.33	-1,007.20	-1,717.91	1,179.75	1,111.40	68.35	17.261		
8,841.07	7,127.85	7,137.84	7,137.46	63.74	30.47	-90.38	-1,007.19	-1,717.91	1,140.14	1,071.40	68.73	16.587		
8,900.00	7,128.00	7,138.10	7,137.72	65.12	30.47	-90.43	-1,007.19	-1,717.91	1,083.36	1,014.02	69.34	15.623		
9,000.00	7,128.23	7,138.55	7,138.17	67.50	30.47	-90.52	-1,007.18	-1,717.91	987.61	917.01	70.60	13.989		
9,100.00	7,128.47	7,138.99	7,138.62	69.91	30.48	-90.60	-1,007.17	-1,717.91	892.78	820.56	72.22	12.362		
9,200.00	7,128.71	7,139.44	7,139.06	72.35	30.48	-90.69	-1,007.16	-1,717.91	799.21	724.86	74.35	10.749		
9,300.00	7,128.95	7,139.89	7,139.51	74.83	30.48	-90.77	-1,007.15	-1,717.91	707.41	630.21	77.20	9.163		
9,400.00	7,129.19	7,140.34	7,139.96	77.33	30.48	-90.86	-1,007.14	-1,717.92	618.15	537.11	81.04	7.627		
9,500.00	7,129.43	7,140.78	7,140.41	79.86	30.48	-90.95	-1,007.13	-1,717.92	532.73	446.45	86.28	6.175		
9,600.00	7,129.67	7,141.23	7,140.85	82.41	30.49	-91.03	-1,007.12	-1,717.92	453.30	359.95	93.35	4.856		
9,700.00	7,129.91	7,141.68	7,141.30	84.97	30.49	-91.12	-1,007.10	-1,717.92	383.62	281.14	102.48	3.743		
9,800.00	7,130.15	7,142.12	7,141.75	87.56	30.49	-91.20	-1,007.09	-1,717.92	329.93	217.23	112.70	2.928		
9,900.00	7,130.39	7,142.57	7,142.19	90.16	30.49	-91.29	-1,007.08	-1,717.92	300.89	180.56	120.33	2.500		
9,941.58	7,130.49	7,142.76	7,142.38	91.25	30.49	-91.32	-1,007.08	-1,717.92	298.00	176.52	121.49	2.453 CC, ES, SF		
10,000.00	7,130.63	7,143.02	7,142.64	92.78	30.49	-91.37	-1,007.07	-1,717.92	303.68	183.11	120.57	2.519		
10,100.00	7,130.87	7,143.47	7,143.09	95.41	30.50	-91.46	-1,007.06	-1,717.92	337.49	223.82	113.68	2.969		
10,200.00	7,131.11	7,143.91	7,143.53	98.06	30.50	-91.55	-1,007.05	-1,717.92	394.44	290.01	104.43	3.777		
10,300.00	7,131.35	7,144.36	7,143.98	100.71	30.50	-91.63	-1,007.04	-1,717.92	466.12	370.00	96.12	4.849		
10,400.00	7,131.59	7,144.81	7,144.43	103.38	30.50	-91.72	-1,007.03	-1,717.93	546.76	457.18	89.58	6.104		
10,500.00	7,131.83	7,145.25	7,144.88	106.06	30.50	-91.80	-1,007.02	-1,717.93	632.95	548.32	84.64	7.479		
10,600.00	7,132.07	7,145.70	7,145.32	108.74	30.50	-91.89	-1,007.01	-1,717.93	722.71	641.79	80.92	8.931		
10,700.00	7,132.31	7,146.15	7,145.77	111.44	30.51	-91.98	-1,007.00	-1,717.93	814.86	736.75	78.11	10.433		
10,800.00	7,132.55	7,146.60	7,146.22	114.14	30.51	-92.06	-1,006.99	-1,717.93	908.67	832.72	75.94	11.965		
10,900.00	7,132.79	7,147.04	7,146.66	116.85	30.51	-92.15	-1,006.98	-1,717.93	1,003.67	929.41	74.26	13.516		
11,000.00	7,133.03	7,147.49	7,147.11	119.57	30.51	-92.23	-1,006.97	-1,717.93	1,099.56	1,026.63	72.93	15.077		
11,100.00	7,133.27	7,147.94	7,147.56	122.29	30.51	-92.32	-1,006.96	-1,717.93	1,196.12	1,124.26	71.86	16.644		
11,200.00	7,133.51	7,148.38	7,148.00	125.02	30.52	-92.41	-1,006.95	-1,717.93	1,293.21	1,222.21	71.00	18.214		
11,300.00	7,133.74	7,148.83	7,148.45	127.76	30.52	-92.49	-1,006.94	-1,717.94	1,390.71	1,320.41	70.30	19.783		
11,400.00	7,133.98	7,149.28	7,148.90	130.50	30.52	-92.58	-1,006.93	-1,717.94	1,488.54	1,418.82	69.72	21.352		
11,500.00	7,134.22	7,149.73	7,149.35	133.24	30.52	-92.66	-1,006.92	-1,717.94	1,586.64	1,517.41	69.23	22.918		
11,600.00	7,134.46	7,150.17	7,149.79	135.99	30.52	-92.75	-1,006.91	-1,717.94	1,684.96	1,616.14	68.83	24.481		
11,700.00	7,134.70	7,150.62	7,150.24	138.75	30.53	-92.84	-1,006.90	-1,717.94	1,783.47	1,714.99	68.49	26.042		
11,800.00	7,134.94	7,151.07	7,150.69	141.51	30.53	-92.92	-1,006.89	-1,717.94	1,882.14	1,813.94	68.20	27.599		
11,900.00	7,135.18	7,151.51	7,151.13	144.27	30.53	-93.01	-1,006.88	-1,717.94	1,980.94	1,912.99	67.95	29.152		
12,000.00	7,135.42	7,151.96	7,151.58	147.03	30.53	-93.09	-1,006.87	-1,717.94	2,079.86	2,012.11	67.74	30.702		
12,100.00	7,135.66	7,152.41	7,152.03	149.80	30.53	-93.18	-1,006.86	-1,717.94	2,178.87	2,111.30	67.57	32.247		
12,200.00	7,135.90	7,152.86	7,152.47	152.58	30.54	-93.27	-1,006.85	-1,717.94	2,277.97	2,210.56	67.42	33.790		
12,300.00	7,136.14	7,153.30	7,152.92	155.35	30.54	-93.35	-1,006.84	-1,717.95	2,377.15	2,309.86	67.29	35.328		
12,400.00	7,136.38	7,153.75	7,153.37	158.13	30.54	-93.44	-1,006.83	-1,717.95	2,476.39	2,409.21	67.18	36.862		
12,500.00	7,136.62	7,154.20	7,153.82	160.91	30.54	-93.52	-1,006.82	-1,717.95	2,575.69	2,508.60	67.09	38.393		
12,600.00	7,136.86	7,154.64	7,154.26	163.70	30.54	-93.61	-1,006.81	-1,717.95	2,675.04	2,608.03	67.01	39.920		
12,700.00	7,137.10	7,155.09	7,154.71	166.48	30.54	-93.69	-1,006.79	-1,717.95	2,774.44	2,707.49	66.95	41.443		
12,800.00	7,137.34	7,155.54	7,155.16	169.27	30.55	-93.78	-1,006.78	-1,717.95	2,873.88	2,806.99	66.89	42.962		
12,900.00	7,137.58	7,155.98	7,155.60	172.06	30.55	-93.87	-1,006.77	-1,717.95	2,973.36	2,906.51	66.85	44.477		
13,000.00	7,137.82	7,156.43	7,156.05	174.86	30.55	-93.95	-1,006.76	-1,717.95	3,072.87	3,006.05	66.82	45.988		
13,100.00	7,138.06	7,156.88	7,156.50	177.65	30.55	-94.04	-1,006.75	-1,717.95	3,172.41	3,105.62	66.79	47.495		
13,200.00	7,138.30	7,157.33	7,156.94	180.45	30.55	-94.12	-1,006.74	-1,717.95	3,271.98	3,205.21	66.78	48.999		
13,300.00	7,138.54	7,157.77	7,157.39	183.25	30.56	-94.21	-1,006.73	-1,717.96	3,371.58	3,304.81	66.77	50.498		
13,400.00	7,138.78	7,158.22	7,157.84	186.05	30.56	-94.30	-1,006.72	-1,717.96	3,471.20	3,404.44	66.76	51.994		
13,500.00	7,139.02	7,158.67	7,158.29	188.85	30.56	-94.38	-1,006.71	-1,717.96	3,570.84	3,504.08	66.76	53.486		
13,600.00	7,139.25	7,159.11	7,158.73	191.65	30.56	-94.47	-1,006.70	-1,717.96	3,670.50	3,603.73	66.77	54.973		
13,700.00	7,139.49	7,159.56	7,159.18	194.46	30.56	-94.55	-1,006.69	-1,717.96	3,770.18	3,703.40	66.78	56.457		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,139.73	7,160.01	7,159.63	197.27	30.57	-94.64	-1,006.68	-1,717.96	3,869.87	3,803.08	66.80	57.936		
13,900.00	7,139.97	7,160.46	7,160.07	200.08	30.57	-94.72	-1,006.67	-1,717.96	3,969.58	3,902.77	66.81	59.412		
14,000.00	7,140.21	7,160.90	7,160.52	202.89	30.57	-94.81	-1,006.66	-1,717.96	4,069.30	4,002.47	66.84	60.883		
14,100.00	7,140.45	7,161.35	7,160.97	205.70	30.57	-94.89	-1,006.65	-1,717.96	4,169.04	4,102.18	66.86	62.351		
14,200.00	7,140.69	7,161.80	7,161.41	208.51	30.57	-94.98	-1,006.64	-1,717.96	4,268.79	4,201.90	66.89	63.814		
14,300.00	7,140.93	7,162.24	7,161.86	211.32	30.58	-95.07	-1,006.63	-1,717.97	4,368.55	4,301.62	66.93	65.273		
14,400.00	7,141.17	7,162.69	7,162.31	214.14	30.58	-95.15	-1,006.62	-1,717.97	4,468.32	4,401.36	66.96	66.728		
14,500.00	7,141.41	7,163.14	7,162.76	216.95	30.58	-95.24	-1,006.61	-1,717.97	4,568.10	4,501.10	67.00	68.179		
14,600.00	7,141.65	7,163.59	7,163.20	219.77	30.58	-95.32	-1,006.60	-1,717.97	4,667.89	4,600.85	67.04	69.625		
14,700.00	7,141.89	7,164.03	7,163.65	222.59	30.58	-95.41	-1,006.59	-1,717.97	4,767.69	4,700.61	67.09	71.067		
14,800.00	7,142.13	7,164.48	7,164.10	225.41	30.58	-95.49	-1,006.58	-1,717.97	4,867.50	4,800.37	67.13	72.505		
14,900.00	7,142.37	7,164.93	7,164.54	228.23	30.59	-95.58	-1,006.57	-1,717.97	4,967.32	4,900.13	67.18	73.939		
15,000.00	7,142.61	7,165.37	7,164.99	231.05	30.59	-95.66	-1,006.56	-1,717.97	5,067.14	4,999.91	67.23	75.368		
15,100.00	7,142.85	7,165.82	7,165.44	233.87	30.59	-95.75	-1,006.55	-1,717.97	5,166.97	5,099.68	67.28	76.793		
15,200.00	7,143.09	7,166.27	7,165.88	236.69	30.59	-95.84	-1,006.54	-1,717.98	5,266.80	5,199.46	67.34	78.213		
15,300.00	7,143.33	7,166.72	7,166.33	239.52	30.59	-95.92	-1,006.53	-1,717.98	5,366.64	5,299.25	67.40	79.630		
15,400.00	7,143.57	7,167.16	7,166.78	242.34	30.60	-96.01	-1,006.52	-1,717.98	5,466.49	5,399.04	67.45	81.041		
15,500.00	7,143.81	7,167.61	7,167.23	245.17	30.60	-96.09	-1,006.51	-1,717.98	5,566.35	5,498.83	67.51	82.448		
15,600.00	7,144.05	7,168.06	7,167.67	247.99	30.60	-96.18	-1,006.50	-1,717.98	5,666.20	5,598.63	67.57	83.851		
15,700.00	7,144.29	7,168.50	7,168.12	250.82	30.60	-96.26	-1,006.49	-1,717.98	5,766.07	5,698.43	67.64	85.249		
15,800.00	7,144.53	7,168.95	7,168.57	253.64	30.60	-96.35	-1,006.47	-1,717.98	5,865.93	5,798.23	67.70	86.643		
15,900.00	7,144.76	7,169.40	7,169.01	256.47	30.61	-96.43	-1,006.46	-1,717.98	5,965.81	5,898.04	67.77	88.032		
16,000.00	7,145.00	7,169.85	7,169.46	259.30	30.61	-96.52	-1,006.45	-1,717.98	6,065.68	5,997.85	67.84	89.416		
16,100.00	7,145.24	7,170.29	7,169.91	262.13	30.61	-96.60	-1,006.44	-1,717.98	6,165.56	6,097.66	67.91	90.796		
16,200.00	7,145.48	7,170.74	7,170.35	264.96	30.61	-96.69	-1,006.43	-1,717.99	6,265.45	6,197.47	67.98	92.171		
16,300.00	7,145.72	7,171.19	7,170.80	267.79	30.61	-96.77	-1,006.42	-1,717.99	6,365.33	6,297.29	68.05	93.541		
16,400.00	7,145.96	7,171.63	7,171.25	270.62	30.62	-96.86	-1,006.41	-1,717.99	6,465.23	6,397.10	68.12	94.907		
16,500.00	7,146.20	7,172.08	7,171.70	273.45	30.62	-96.94	-1,006.40	-1,717.99	6,565.12	6,496.92	68.20	96.268		
16,600.00	7,146.44	7,172.53	7,172.14	276.28	30.62	-97.03	-1,006.39	-1,717.99	6,665.02	6,596.75	68.27	97.625		
16,700.00	7,146.68	7,172.98	7,172.59	279.12	30.62	-97.11	-1,006.38	-1,717.99	6,764.92	6,696.57	68.35	98.976		
16,800.00	7,146.92	7,173.42	7,173.04	281.95	30.62	-97.20	-1,006.37	-1,717.99	6,864.82	6,796.39	68.43	100.323		
16,900.00	7,147.16	7,173.87	7,173.48	284.78	30.62	-97.28	-1,006.36	-1,717.99	6,964.73	6,896.22	68.51	101.665		
17,000.00	7,147.40	7,174.32	7,173.93	287.62	30.63	-97.37	-1,006.35	-1,717.99	7,064.64	6,996.05	68.59	103.003		
17,100.00	7,147.64	7,174.76	7,174.38	290.45	30.63	-97.45	-1,006.34	-1,717.99	7,164.55	7,095.88	68.67	104.335		
17,200.00	7,147.88	7,175.21	7,174.82	293.28	30.63	-97.54	-1,006.33	-1,718.00	7,264.46	7,195.71	68.75	105.663		
17,300.00	7,148.12	7,175.66	7,175.27	296.12	30.63	-97.62	-1,006.32	-1,718.00	7,364.38	7,295.54	68.83	106.986		
17,400.00	7,148.36	7,176.11	7,175.72	298.95	30.63	-97.71	-1,006.31	-1,718.00	7,464.29	7,395.38	68.92	108.304		
17,500.00	7,148.60	7,176.55	7,176.17	301.79	30.64	-97.79	-1,006.30	-1,718.00	7,564.22	7,495.21	69.01	109.617		
17,600.00	7,148.84	7,177.00	7,176.61	304.63	30.64	-97.88	-1,006.29	-1,718.00	7,664.14	7,595.05	69.09	110.926		
17,700.00	7,149.08	7,177.45	7,177.06	307.46	30.64	-97.96	-1,006.28	-1,718.00	7,764.06	7,694.88	69.18	112.229		
17,800.00	7,149.32	7,177.89	7,177.51	310.30	30.64	-98.05	-1,006.27	-1,718.00	7,863.99	7,794.72	69.27	113.528		
17,900.00	7,149.56	7,178.34	7,177.95	313.14	30.64	-98.13	-1,006.26	-1,718.00	7,963.92	7,894.56	69.36	114.822		
18,000.00	7,149.80	7,178.79	7,178.40	315.98	30.65	-98.22	-1,006.25	-1,718.00	8,063.85	7,994.40	69.45	116.110		
18,100.00	7,150.04	7,179.24	7,178.85	318.81	30.65	-98.30	-1,006.24	-1,718.01	8,163.78	8,094.24	69.54	117.394		
18,200.00	7,150.27	7,179.68	7,179.29	321.65	30.65	-98.39	-1,006.23	-1,718.01	8,263.71	8,194.08	69.63	118.673		
18,300.00	7,150.51	7,180.13	7,179.74	324.49	30.65	-98.47	-1,006.22	-1,718.01	8,363.65	8,293.92	69.73	119.947		
18,400.00	7,150.75	7,180.58	7,180.19	327.33	30.65	-98.56	-1,006.21	-1,718.01	8,463.58	8,393.76	69.82	121.216		
18,500.00	7,150.99	7,181.02	7,180.64	330.17	30.66	-98.64	-1,006.20	-1,718.01	8,563.52	8,493.60	69.92	122.481		
18,600.00	7,151.23	7,181.47	7,181.08	333.01	30.66	-98.73	-1,006.19	-1,718.01	8,663.46	8,593.44	70.01	123.740		
18,700.00	7,151.47	7,181.92	7,181.53	335.85	30.66	-98.81	-1,006.18	-1,718.01	8,763.40	8,693.29	70.11	124.994		
18,800.00	7,151.71	7,182.37	7,181.98	338.69	30.66	-98.90	-1,006.17	-1,718.01	8,863.34	8,793.13	70.21	126.243		
18,900.00	7,151.95	7,182.81	7,182.42	341.53	30.66	-98.98	-1,006.15	-1,718.01	8,963.28	8,892.98	70.31	127.488		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - JOHNSON #1(PA) - OH - OH												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 100-GYRO-NS												<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
18,920.23	7,152.00	7,182.90	7,182.51	342.10	30.66	-99.00	-1,006.15	-1,718.01	8,983.50	8,913.18	70.33	127.739	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-136.77	-784.71	-737.54	1,077.08					
100.00	100.00	81.00	81.00	3.28	3.57	-136.77	-784.71	-737.54	1,076.91	1,070.05	6.86	157.065		
200.00	200.00	181.00	181.00	3.34	5.63	-136.77	-784.71	-737.54	1,076.91	1,067.95	8.96	120.126		
300.00	299.98	280.98	280.98	3.44	8.71	-136.77	-784.71	-737.54	1,077.31	1,065.17	12.15	88.696		
400.00	399.84	380.84	380.84	3.60	12.01	-136.77	-784.71	-737.54	1,078.53	1,062.93	15.60	69.138		
500.00	499.45	480.45	480.45	3.80	15.38	-136.77	-784.71	-737.54	1,080.61	1,061.43	19.18	56.355		
600.00	598.70	579.70	579.70	4.04	18.78	-136.77	-784.71	-737.54	1,083.63	1,060.81	22.82	47.485		
700.00	697.47	678.47	678.47	4.33	22.18	-136.77	-784.71	-737.54	1,087.69	1,061.18	26.51	41.028		
800.00	795.62	776.62	776.62	4.65	25.58	-136.77	-784.71	-737.54	1,092.93	1,062.70	30.23	36.152		
865.50	859.53	840.53	840.53	4.89	27.79	-136.77	-784.71	-737.54	1,097.08	1,064.40	32.68	33.570		
900.00	893.10	874.10	874.10	5.02	28.96	-136.77	-784.71	-737.54	1,099.44	1,065.47	33.97	32.361		
1,000.00	990.42	971.42	971.42	5.41	32.33	-136.77	-784.71	-737.54	1,106.60	1,068.85	37.74	29.318		
1,100.00	1,087.73	1,068.73	1,068.73	5.83	35.71	-136.77	-784.71	-737.54	1,114.18	1,072.64	41.54	26.823		
1,200.00	1,185.05	1,166.05	1,166.05	6.27	39.10	-136.77	-784.71	-737.54	1,122.19	1,076.83	45.35	24.743		
1,300.00	1,282.36	1,263.36	1,263.36	6.72	42.49	-136.77	-784.71	-737.54	1,130.60	1,081.42	49.18	22.988		
1,400.00	1,379.67	1,360.67	1,360.67	7.18	45.87	-136.77	-784.71	-737.54	1,139.43	1,086.40	53.02	21.489		
1,500.00	1,476.99	1,457.99	1,457.99	7.65	49.26	-136.77	-784.71	-737.54	1,148.64	1,091.77	56.87	20.197		
1,600.00	1,574.30	1,555.30	1,555.30	8.13	52.65	-136.77	-784.71	-737.54	1,158.24	1,097.51	60.73	19.072		
1,700.00	1,671.61	1,652.61	1,652.61	8.62	56.04	-136.77	-784.71	-737.54	1,168.21	1,103.62	64.59	18.086		
1,800.00	1,768.93	1,749.93	1,749.93	9.11	59.44	-136.77	-784.71	-737.54	1,178.55	1,110.09	68.46	17.215		
1,900.00	1,866.24	1,847.24	1,847.24	9.60	62.83	-136.77	-784.71	-737.54	1,189.25	1,116.91	72.33	16.441		
2,000.00	1,963.56	1,944.56	1,944.56	10.10	66.22	-136.77	-784.71	-737.54	1,200.29	1,124.08	76.21	15.750		
2,100.00	2,060.87	2,041.87	2,041.87	10.61	69.61	-136.77	-784.71	-737.54	1,211.66	1,131.58	80.08	15.130		
2,200.00	2,158.18	2,139.18	2,139.18	11.11	73.01	-136.77	-784.71	-737.54	1,223.37	1,139.41	83.96	14.571		
2,300.00	2,255.50	2,236.50	2,236.50	11.62	76.40	-136.77	-784.71	-737.54	1,235.39	1,147.55	87.84	14.064		
2,400.00	2,352.81	2,333.81	2,333.81	12.13	79.80	-136.77	-784.71	-737.54	1,247.73	1,156.01	91.72	13.604		
2,500.00	2,450.13	2,431.13	2,431.13	12.65	83.19	-136.77	-784.71	-737.54	1,260.36	1,164.76	95.60	13.184		
2,600.00	2,547.44	2,528.44	2,528.44	13.16	86.58	-136.77	-784.71	-737.54	1,273.28	1,173.80	99.48	12.799		
2,700.00	2,644.75	2,625.75	2,625.75	13.68	89.98	-136.77	-784.71	-737.54	1,286.49	1,183.13	103.36	12.446		
2,800.00	2,742.07	2,723.07	2,723.07	14.20	93.37	-136.77	-784.71	-737.54	1,299.97	1,192.72	107.24	12.122		
2,900.00	2,839.38	2,820.38	2,820.38	14.71	96.77	-136.77	-784.71	-737.54	1,313.71	1,202.59	111.12	11.822		
3,000.00	2,936.70	2,917.70	2,917.70	15.23	100.17	-136.77	-784.71	-737.54	1,327.71	1,212.71	115.00	11.545		
3,100.00	3,034.01	3,015.01	3,015.01	15.76	103.56	-136.77	-784.71	-737.54	1,341.96	1,223.08	118.88	11.288		
3,200.00	3,131.32	3,112.32	3,112.32	16.28	106.96	-136.77	-784.71	-737.54	1,356.45	1,233.69	122.76	11.049		
3,300.00	3,228.64	3,209.64	3,209.64	16.80	110.35	-136.77	-784.71	-737.54	1,371.18	1,244.54	126.64	10.827		
3,400.00	3,325.95	3,306.95	3,306.95	17.32	113.75	-136.77	-784.71	-737.54	1,386.13	1,255.61	130.52	10.620		
3,500.00	3,423.26	3,404.26	3,404.26	17.85	117.14	-136.77	-784.71	-737.54	1,401.30	1,266.90	134.40	10.426		
3,600.00	3,520.58	3,501.58	3,501.58	18.37	120.54	-136.77	-784.71	-737.54	1,416.68	1,278.40	138.28	10.245		
3,700.00	3,617.89	3,601.11	3,598.89	18.90	124.01	-136.77	-784.71	-737.54	1,432.26	1,290.03	142.23	10.070		
3,800.00	3,715.21	3,703.79	3,696.21	19.43	127.60	-136.77	-784.71	-737.54	1,448.05	1,301.75	146.30	9.898		
3,900.00	3,812.52	3,806.48	3,793.52	19.95	131.18	-136.77	-784.71	-737.54	1,464.03	1,313.67	150.36	9.737		
4,000.00	3,909.83	3,909.17	3,890.83	20.48	134.76	-136.77	-784.71	-737.54	1,480.19	1,325.76	154.42	9.585		
4,100.00	4,007.15	3,988.15	3,988.15	21.01	137.52	-136.77	-784.71	-737.54	1,496.53	1,338.87	157.66	9.492		
4,200.00	4,104.46	4,085.46	4,085.46	21.53	140.92	-136.77	-784.71	-737.54	1,513.04	1,351.51	161.53	9.367		
4,300.00	4,201.78	4,182.78	4,182.78	22.06	144.31	-136.77	-784.71	-737.54	1,529.73	1,364.32	165.40	9.248		
4,400.00	4,299.09	4,280.09	4,280.09	22.59	147.71	-136.77	-784.71	-737.54	1,546.57	1,377.29	169.28	9.136		
4,500.00	4,396.40	4,377.40	4,377.40	23.12	151.11	-136.77	-784.71	-737.54	1,563.58	1,390.43	173.15	9.030		
4,600.00	4,493.72	4,474.72	4,474.72	23.65	154.50	-136.77	-784.71	-737.54	1,580.73	1,403.71	177.02	8.930		
4,700.00	4,591.03	4,572.03	4,572.03	24.18	157.90	-136.77	-784.71	-737.54	1,598.04	1,417.14	180.89	8.834		
4,800.00	4,688.34	4,669.34	4,669.34	24.71	161.30	-136.77	-784.71	-737.54	1,615.48	1,430.72	184.77	8.743		
4,900.00	4,785.66	4,766.66	4,766.66	25.24	164.69	-136.77	-784.71	-737.54	1,633.07	1,444.43	188.64	8.657		
5,000.00	4,882.97	4,863.97	4,863.97	25.77	168.09	-136.77	-784.71	-737.54	1,650.78	1,458.28	192.51	8.575		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	4,961.29	4,961.29	26.30	171.48	140.31	-784.71	-737.54	1,668.63	1,472.26	196.38	8.497		
5,200.00	5,077.60	5,058.60	5,058.60	26.83	174.88	140.81	-784.71	-737.54	1,686.60	1,486.36	200.25	8.423		
5,300.00	5,174.91	5,155.91	5,155.91	27.36	178.28	141.29	-784.71	-737.54	1,704.70	1,500.58	204.12	8.352		
5,400.00	5,272.23	5,253.23	5,253.23	27.89	181.67	141.76	-784.71	-737.54	1,722.91	1,514.93	207.98	8.284		
5,500.00	5,369.54	5,350.54	5,350.54	28.42	185.07	142.23	-784.71	-737.54	1,741.24	1,529.38	211.85	8.219		
5,600.00	5,466.86	5,447.86	5,447.86	28.95	188.47	142.68	-784.71	-737.54	1,759.67	1,543.95	215.72	8.157		
5,700.00	5,564.17	5,545.17	5,545.17	29.48	191.86	143.13	-784.71	-737.54	1,778.22	1,558.63	219.59	8.098		
5,800.00	5,661.48	5,642.48	5,642.48	30.01	195.26	143.57	-784.71	-737.54	1,796.86	1,573.41	223.46	8.041		
5,900.00	5,758.80	5,739.80	5,739.80	30.54	198.66	143.99	-784.71	-737.54	1,815.61	1,588.29	227.32	7.987		
6,000.00	5,856.11	5,837.11	5,837.11	31.07	202.06	144.41	-784.71	-737.54	1,834.46	1,603.26	231.19	7.935		
6,100.00	5,953.43	5,934.43	5,934.43	31.61	205.45	144.82	-784.71	-737.54	1,853.39	1,618.34	235.06	7.885		
6,200.00	6,050.74	6,031.74	6,031.74	32.14	208.85	145.22	-784.71	-737.54	1,872.42	1,633.50	238.92	7.837		
6,300.00	6,148.05	6,129.05	6,129.05	32.67	212.25	145.62	-784.71	-737.54	1,891.54	1,648.75	242.79	7.791		
6,400.00	6,245.37	6,226.37	6,226.37	33.20	215.64	146.01	-784.71	-737.54	1,910.75	1,664.09	246.66	7.747		
6,500.00	6,342.68	6,323.68	6,323.68	33.73	219.04	146.38	-784.71	-737.54	1,930.04	1,679.51	250.52	7.704		
6,520.81	6,362.93	6,343.93	6,343.93	33.85	219.75	146.46	-784.71	-737.54	1,934.06	1,682.73	251.33	7.695		
6,550.00	6,391.46	6,372.46	6,372.46	34.00	220.74	140.28	-784.71	-737.54	1,939.06	1,686.60	252.46	7.681		
6,600.00	6,440.79	6,421.79	6,421.79	34.23	222.46	121.58	-784.71	-737.54	1,944.56	1,690.16	254.40	7.644		
6,650.00	6,490.44	6,471.44	6,471.44	34.43	224.20	86.58	-784.71	-737.54	1,946.18	1,689.85	256.33	7.592		
6,700.00	6,540.10	6,521.10	6,521.10	34.60	225.93	50.57	-784.71	-737.54	1,943.91	1,685.67	258.24	7.528		
6,750.00	6,589.46	6,570.46	6,570.46	34.76	227.65	30.80	-784.71	-737.54	1,937.75	1,677.64	260.11	7.450		
6,800.00	6,638.22	6,619.22	6,619.22	34.92	229.36	20.80	-784.71	-737.54	1,927.74	1,665.80	261.94	7.360		
6,850.00	6,686.09	6,667.09	6,667.09	35.07	231.03	15.12	-784.71	-737.54	1,913.94	1,650.23	263.72	7.258		
6,900.00	6,732.75	6,713.75	6,713.75	35.24	232.66	11.52	-784.71	-737.54	1,896.44	1,631.00	265.44	7.145		
6,950.00	6,777.94	6,758.94	6,758.94	35.42	234.23	9.04	-784.71	-737.54	1,875.33	1,608.24	267.09	7.021		
7,000.00	6,821.36	6,802.36	6,802.36	35.61	235.75	7.20	-784.71	-737.54	1,850.75	1,582.08	268.67	6.889		
7,050.00	6,862.75	6,843.75	6,843.75	35.83	237.19	5.75	-784.71	-737.54	1,822.84	1,552.69	270.16	6.747		
7,100.00	6,901.85	6,882.85	6,882.85	36.06	238.56	4.54	-784.71	-737.54	1,791.78	1,520.23	271.56	6.598		
7,150.00	6,938.43	6,919.43	6,919.43	36.32	239.83	3.47	-784.71	-737.54	1,757.76	1,484.91	272.85	6.442		
7,200.00	6,972.26	6,953.26	6,953.26	36.61	241.02	2.45	-784.71	-737.54	1,720.98	1,446.94	274.05	6.280		
7,250.00	7,003.13	6,984.13	6,984.13	36.93	242.09	1.40	-784.71	-737.54	1,681.67	1,406.55	275.13	6.112		
7,300.00	7,030.85	7,011.85	7,011.85	37.29	243.06	0.24	-784.71	-737.54	1,640.08	1,363.98	276.09	5.940		
7,350.00	7,055.25	7,036.25	7,036.25	37.68	243.91	-1.15	-784.71	-737.54	1,596.45	1,319.51	276.94	5.765		
7,400.00	7,076.17	7,057.17	7,057.17	38.12	244.64	-2.97	-784.71	-737.54	1,551.06	1,273.39	277.66	5.586		
7,450.00	7,093.50	7,074.50	7,074.50	38.60	245.25	-5.60	-784.71	-737.54	1,504.18	1,225.92	278.26	5.406		
7,500.00	7,107.11	7,088.11	7,088.11	39.11	245.72	-9.85	-784.71	-737.54	1,456.12	1,177.39	278.73	5.224		
7,550.00	7,116.94	7,102.06	7,097.94	39.66	246.21	-17.94	-784.71	-737.54	1,407.16	1,127.94	279.22	5.040		
7,600.00	7,122.91	7,103.91	7,103.91	40.24	246.27	-37.52	-784.71	-737.54	1,357.61	1,078.32	279.29	4.861		
7,650.18	7,125.00	7,106.00	7,106.00	40.85	246.35	-88.12	-784.71	-737.54	1,307.60	1,028.22	279.38	4.680		
7,700.00	7,125.12	7,106.12	7,106.12	41.48	246.35	-88.19	-784.71	-737.54	1,257.91	978.51	279.40	4.502		
7,800.00	7,125.36	7,106.36	7,106.36	42.88	246.36	-88.34	-784.71	-737.54	1,158.23	878.76	279.47	4.144		
7,900.00	7,125.60	7,106.60	7,106.60	44.42	246.37	-88.48	-784.71	-737.54	1,058.60	779.05	279.55	3.787		
8,000.00	7,125.84	7,106.84	7,106.84	46.10	246.38	-88.62	-784.71	-737.54	959.05	679.39	279.66	3.429		
8,100.00	7,126.08	7,107.08	7,107.08	47.89	246.38	-88.77	-784.71	-737.54	859.60	579.80	279.80	3.072		
8,200.00	7,126.32	7,107.32	7,107.32	49.79	246.39	-88.91	-784.71	-737.54	760.30	480.31	279.99	2.715		
8,300.00	7,126.56	7,107.56	7,107.56	51.79	246.40	-89.06	-784.71	-737.54	661.21	380.94	280.27	2.359		
8,400.00	7,126.80	7,107.80	7,107.80	53.86	246.41	-89.20	-784.71	-737.54	562.44	281.75	280.69	2.004		
8,500.00	7,127.04	7,108.04	7,108.04	56.00	246.42	-89.34	-784.71	-737.54	464.19	182.81	281.38	1.650		
8,600.00	7,127.28	7,108.28	7,108.28	58.21	246.43	-89.49	-784.71	-737.54	366.90	84.28	282.62	1.298 Level 3		
8,689.38	7,127.49	7,108.49	7,108.49	60.24	246.43	-89.62	-784.71	-737.54	281.55	-3.25	284.79	0.989 Level 1		
8,700.00	7,127.52	7,108.52	7,108.52	60.48	246.44	-89.63	-784.71	-737.54	271.57	-13.60	285.17	0.952 Level 1		
8,800.00	7,127.76	7,108.76	7,108.76	62.79	246.44	-89.75	-784.71	-737.54	180.28	-110.74	291.03	0.619 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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,108.85	7,108.85	63.74	246.45	-89.81	-784.71	-737.54	145.52	-150.04	295.56	0.492	Level 1	
8,900.00	7,128.00	7,109.00	7,109.00	65.12	246.45	-89.90	-784.71	-737.54	103.65	-202.04	305.69	0.339	Level 1	
8,959.05	7,128.14	7,109.14	7,109.14	66.52	246.46	-90.00	-784.71	-737.54	85.19	-227.53	312.72	0.272	Level 1, CC, ES, SF	
9,000.00	7,128.23	7,109.23	7,109.23	67.50	246.46	-90.07	-784.71	-737.54	94.53	-212.02	306.55	0.308	Level 1	
9,100.00	7,128.47	7,109.47	7,109.47	69.91	246.47	-90.23	-784.71	-737.54	164.70	-124.08	288.78	0.570	Level 1	
9,200.00	7,128.71	7,109.71	7,109.71	72.35	246.48	-90.39	-784.71	-737.54	255.57	-27.33	282.91	0.903	Level 1	
9,300.00	7,128.95	7,109.95	7,109.95	74.83	246.49	-90.55	-784.71	-737.54	351.44	70.49	280.95	1.251	Level 3	
9,400.00	7,129.19	7,110.19	7,110.19	77.33	246.49	-90.71	-784.71	-737.54	449.11	168.95	280.16	1.603		
9,500.00	7,129.43	7,110.43	7,110.43	79.86	246.50	-90.87	-784.71	-737.54	547.62	267.82	279.80	1.957		
9,600.00	7,129.67	7,110.67	7,110.67	82.41	246.51	-91.03	-784.71	-737.54	646.59	366.96	279.63	2.312		
9,700.00	7,129.91	7,110.91	7,110.91	84.97	246.52	-91.19	-784.71	-737.54	745.83	466.28	279.55	2.668		
9,800.00	7,130.15	7,111.15	7,111.15	87.56	246.53	-91.35	-784.71	-737.54	845.26	565.74	279.52	3.024		
9,900.00	7,130.39	7,111.39	7,111.39	90.16	246.54	-91.52	-784.71	-737.54	944.80	665.29	279.51	3.380		
10,000.00	7,130.63	7,111.63	7,111.63	92.78	246.54	-91.68	-784.71	-737.54	1,044.43	764.91	279.52	3.736		
10,100.00	7,130.87	7,111.87	7,111.87	95.41	246.55	-91.84	-784.71	-737.54	1,144.13	864.58	279.54	4.093		
10,200.00	7,131.11	7,112.11	7,112.11	98.06	246.56	-92.00	-784.71	-737.54	1,243.87	964.30	279.57	4.449		
10,300.00	7,131.35	7,112.35	7,112.35	100.71	246.57	-92.16	-784.71	-737.54	1,343.65	1,064.05	279.61	4.806		
10,400.00	7,131.59	7,112.59	7,112.59	103.38	246.58	-92.32	-784.71	-737.54	1,443.47	1,163.83	279.64	5.162		
10,500.00	7,131.83	7,112.83	7,112.83	106.06	246.59	-92.48	-784.71	-737.54	1,543.30	1,263.62	279.68	5.518		
10,600.00	7,132.07	7,113.07	7,113.07	108.74	246.59	-92.64	-784.71	-737.54	1,643.16	1,363.44	279.72	5.874		
10,700.00	7,132.31	7,113.31	7,113.31	111.44	246.60	-92.80	-784.71	-737.54	1,743.03	1,463.27	279.76	6.230		
10,800.00	7,132.55	7,113.55	7,113.55	114.14	246.61	-92.96	-784.71	-737.54	1,842.92	1,563.11	279.81	6.586		
10,900.00	7,132.79	7,113.79	7,113.79	116.85	246.62	-93.12	-784.71	-737.54	1,942.82	1,662.96	279.85	6.942		
11,000.00	7,133.03	7,114.03	7,114.03	119.57	246.63	-93.28	-784.71	-737.54	2,042.73	1,762.83	279.90	7.298		
11,100.00	7,133.27	7,114.27	7,114.27	122.29	246.64	-93.45	-784.71	-737.54	2,142.64	1,862.69	279.95	7.654		
11,200.00	7,133.51	7,114.51	7,114.51	125.02	246.64	-93.61	-784.71	-737.54	2,242.57	1,962.57	280.00	8.009		
11,300.00	7,133.74	7,114.74	7,114.74	127.76	246.65	-93.77	-784.71	-737.54	2,342.50	2,062.45	280.05	8.365		
11,400.00	7,133.98	7,114.98	7,114.98	130.50	246.66	-93.93	-784.71	-737.54	2,442.43	2,162.34	280.10	8.720		
11,500.00	7,134.22	7,115.22	7,115.22	133.24	246.67	-94.09	-784.71	-737.54	2,542.38	2,262.23	280.15	9.075		
11,600.00	7,134.46	7,115.46	7,115.46	135.99	246.68	-94.25	-784.71	-737.54	2,642.32	2,362.12	280.20	9.430		
11,700.00	7,134.70	7,115.70	7,115.70	138.75	246.69	-94.41	-784.71	-737.54	2,742.27	2,462.02	280.26	9.785		
11,800.00	7,134.94	7,115.94	7,115.94	141.51	246.69	-94.57	-784.71	-737.54	2,842.22	2,561.91	280.31	10.140		
11,900.00	7,135.18	7,116.18	7,116.18	144.27	246.70	-94.73	-784.71	-737.54	2,942.18	2,661.82	280.37	10.494		
12,000.00	7,135.42	7,116.42	7,116.42	147.03	246.71	-94.89	-784.71	-737.54	3,042.14	2,761.72	280.42	10.848		
12,100.00	7,135.66	7,116.66	7,116.66	149.80	246.72	-95.05	-784.71	-737.54	3,142.10	2,861.62	280.48	11.203		
12,200.00	7,135.90	7,116.90	7,116.90	152.58	246.73	-95.21	-784.71	-737.54	3,242.07	2,961.53	280.54	11.557		
12,300.00	7,136.14	7,117.14	7,117.14	155.35	246.74	-95.37	-784.71	-737.54	3,342.03	3,061.44	280.60	11.910		
12,400.00	7,136.38	7,117.38	7,117.38	158.13	246.74	-95.53	-784.71	-737.54	3,442.00	3,161.34	280.66	12.264		
12,500.00	7,136.62	7,117.62	7,117.62	160.91	246.75	-95.69	-784.71	-737.54	3,541.97	3,261.25	280.72	12.618		
12,600.00	7,136.86	7,117.86	7,117.86	163.70	246.76	-95.85	-784.71	-737.54	3,641.94	3,361.16	280.78	12.971		
12,700.00	7,137.10	7,118.10	7,118.10	166.48	246.77	-96.01	-784.71	-737.54	3,741.91	3,461.07	280.84	13.324		
12,800.00	7,137.34	7,118.34	7,118.34	169.27	246.78	-96.16	-784.71	-737.54	3,841.89	3,560.99	280.90	13.677		
12,900.00	7,137.58	7,118.58	7,118.58	172.06	246.79	-96.32	-784.71	-737.54	3,941.86	3,660.90	280.97	14.030		
13,000.00	7,137.82	7,118.82	7,118.82	174.86	246.79	-96.48	-784.71	-737.54	4,041.84	3,760.81	281.03	14.382		
13,100.00	7,138.06	7,119.06	7,119.06	177.65	246.80	-96.64	-784.71	-737.54	4,141.82	3,860.72	281.10	14.734		
13,200.00	7,138.30	7,119.30	7,119.30	180.45	246.81	-96.80	-784.71	-737.54	4,241.80	3,960.63	281.17	15.086		
13,300.00	7,138.54	7,119.54	7,119.54	183.25	246.82	-96.96	-784.71	-737.54	4,341.78	4,060.54	281.23	15.438		
13,400.00	7,138.78	7,119.78	7,119.78	186.05	246.83	-97.12	-784.71	-737.54	4,441.76	4,160.46	281.30	15.790		
13,500.00	7,139.02	7,120.02	7,120.02	188.85	246.84	-97.28	-784.71	-737.54	4,541.74	4,260.37	281.37	16.141		
13,600.00	7,139.25	7,120.25	7,120.25	191.65	246.84	-97.44	-784.71	-737.54	4,641.72	4,360.28	281.44	16.493		
13,700.00	7,139.49	7,120.49	7,120.49	194.46	246.85	-97.59	-784.71	-737.54	4,741.71	4,460.19	281.51	16.844		
13,800.00	7,139.73	7,120.73	7,120.73	197.27	246.86	-97.75	-784.71	-737.54	4,841.69	4,560.10	281.59	17.194		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,900.00	7,139.97	7,120.97	7,120.97	200.08	246.87	-97.91	-784.71	-737.54	4,941.68	4,660.02	281.66	17.545		
14,000.00	7,140.21	7,121.21	7,121.21	202.89	246.88	-98.07	-784.71	-737.54	5,041.66	4,759.93	281.73	17.895		
14,100.00	7,140.45	7,121.45	7,121.45	205.70	246.89	-98.23	-784.71	-737.54	5,141.65	4,859.84	281.81	18.245		
14,200.00	7,140.69	7,121.69	7,121.69	208.51	246.90	-98.38	-784.71	-737.54	5,241.63	4,959.75	281.88	18.595		
14,300.00	7,140.93	7,121.93	7,121.93	211.32	246.90	-98.54	-784.71	-737.54	5,341.62	5,059.66	281.96	18.945		
14,400.00	7,141.17	7,122.17	7,122.17	214.14	246.91	-98.70	-784.71	-737.54	5,441.61	5,159.57	282.04	19.294		
14,500.00	7,141.41	7,122.41	7,122.41	216.95	246.92	-98.86	-784.71	-737.54	5,541.59	5,259.48	282.12	19.643		
14,600.00	7,141.65	7,122.65	7,122.65	219.77	246.93	-99.01	-784.71	-737.54	5,641.58	5,359.39	282.20	19.992		
14,700.00	7,141.89	7,122.89	7,122.89	222.59	246.94	-99.17	-784.71	-737.54	5,741.57	5,459.29	282.28	20.340		
14,800.00	7,142.13	7,123.13	7,123.13	225.41	246.95	-99.33	-784.71	-737.54	5,841.56	5,559.20	282.36	20.689		
14,900.00	7,142.37	7,123.37	7,123.37	228.23	246.95	-99.48	-784.71	-737.54	5,941.55	5,659.11	282.44	21.037		
15,000.00	7,142.61	7,123.61	7,123.61	231.05	246.96	-99.64	-784.71	-737.54	6,041.54	5,759.02	282.52	21.384		
15,100.00	7,142.85	7,123.85	7,123.85	233.87	246.97	-99.80	-784.71	-737.54	6,141.53	5,858.92	282.61	21.732		
15,200.00	7,143.09	7,124.09	7,124.09	236.69	246.98	-99.95	-784.71	-737.54	6,241.52	5,958.83	282.69	22.079		
15,300.00	7,143.33	7,124.33	7,124.33	239.52	246.99	-100.11	-784.71	-737.54	6,341.51	6,058.73	282.78	22.426		
15,400.00	7,143.57	7,124.57	7,124.57	242.34	247.00	-100.27	-784.71	-737.54	6,441.50	6,158.64	282.86	22.773		
15,500.00	7,143.81	7,124.81	7,124.81	245.17	247.00	-100.42	-784.71	-737.54	6,541.49	6,258.54	282.95	23.119		
15,600.00	7,144.05	7,125.05	7,125.05	247.99	247.01	-100.58	-784.71	-737.54	6,641.48	6,358.45	283.04	23.465		
15,700.00	7,144.29	7,125.29	7,125.29	250.82	247.02	-100.73	-784.71	-737.54	6,741.47	6,458.35	283.12	23.811		
15,800.00	7,144.53	7,125.53	7,125.53	253.64	247.03	-100.89	-784.71	-737.54	6,841.47	6,558.25	283.21	24.157		
15,900.00	7,144.76	7,125.76	7,125.76	256.47	247.04	-101.04	-784.71	-737.54	6,941.46	6,658.15	283.30	24.502		
16,000.00	7,145.00	7,126.00	7,126.00	259.30	247.05	-101.20	-784.71	-737.54	7,041.45	6,758.06	283.40	24.847		
16,100.00	7,145.24	7,126.24	7,126.24	262.13	247.05	-101.35	-784.71	-737.54	7,141.44	6,857.96	283.49	25.191		
16,200.00	7,145.48	7,126.48	7,126.48	264.96	247.06	-101.51	-784.71	-737.54	7,241.44	6,957.86	283.58	25.536		
16,300.00	7,145.72	7,126.72	7,126.72	267.79	247.07	-101.66	-784.71	-737.54	7,341.43	7,057.76	283.67	25.880		
16,400.00	7,145.96	7,126.96	7,126.96	270.62	247.08	-101.82	-784.71	-737.54	7,441.42	7,157.65	283.77	26.224		
16,500.00	7,146.20	7,127.20	7,127.20	273.45	247.09	-101.97	-784.71	-737.54	7,541.41	7,257.55	283.86	26.567		
16,600.00	7,146.44	7,127.44	7,127.44	276.28	247.10	-102.13	-784.71	-737.54	7,641.41	7,357.45	283.96	26.910		
16,700.00	7,146.68	7,127.68	7,127.68	279.12	247.10	-102.28	-784.71	-737.54	7,741.40	7,457.35	284.05	27.253		
16,800.00	7,146.92	7,127.92	7,127.92	281.95	247.11	-102.43	-784.71	-737.54	7,841.40	7,557.24	284.15	27.596		
16,900.00	7,147.16	7,128.16	7,128.16	284.78	247.12	-102.59	-784.71	-737.54	7,941.39	7,657.14	284.25	27.938		
17,000.00	7,147.40	7,128.40	7,128.40	287.62	247.13	-102.74	-784.71	-737.54	8,041.38	7,757.04	284.35	28.280		
17,100.00	7,147.64	7,128.64	7,128.64	290.45	247.14	-102.89	-784.71	-737.54	8,141.38	7,856.93	284.45	28.622		
17,200.00	7,147.88	7,128.88	7,128.88	293.28	247.15	-103.05	-784.71	-737.54	8,241.37	7,956.82	284.55	28.963		
17,300.00	7,148.12	7,129.12	7,129.12	296.12	247.15	-103.20	-784.71	-737.54	8,341.37	8,056.72	284.65	29.304		
17,400.00	7,148.36	7,129.36	7,129.36	298.95	247.16	-103.35	-784.71	-737.54	8,441.36	8,156.61	284.75	29.645		
17,500.00	7,148.60	7,129.60	7,129.60	301.79	247.17	-103.50	-784.71	-737.54	8,541.36	8,256.50	284.85	29.985		
17,600.00	7,148.84	7,129.84	7,129.84	304.63	247.18	-103.66	-784.71	-737.54	8,641.35	8,356.39	284.96	30.325		
17,700.00	7,149.08	7,130.08	7,130.08	307.46	247.19	-103.81	-784.71	-737.54	8,741.35	8,456.28	285.06	30.665		
17,800.00	7,149.32	7,130.32	7,130.32	310.30	247.20	-103.96	-784.71	-737.54	8,841.34	8,556.18	285.17	31.004		
17,900.00	7,149.56	7,130.56	7,130.56	313.14	247.20	-104.11	-784.71	-737.54	8,941.34	8,656.07	285.27	31.343		
18,000.00	7,149.80	7,130.80	7,130.80	315.98	247.21	-104.26	-784.71	-737.54	9,041.33	8,755.95	285.38	31.682		
18,100.00	7,150.04	7,131.04	7,131.04	318.81	247.22	-104.42	-784.71	-737.54	9,141.33	8,855.84	285.48	32.021		
18,200.00	7,150.27	7,131.27	7,131.27	321.65	247.23	-104.57	-784.71	-737.54	9,241.32	8,955.73	285.59	32.359		
18,300.00	7,150.51	7,131.51	7,131.51	324.49	247.24	-104.72	-784.71	-737.54	9,341.32	9,055.62	285.70	32.696		
18,400.00	7,150.75	7,131.75	7,131.75	327.33	247.25	-104.87	-784.71	-737.54	9,441.31	9,155.50	285.81	33.034		
18,500.00	7,150.99	7,131.99	7,131.99	330.17	247.25	-105.02	-784.71	-737.54	9,541.31	9,255.39	285.92	33.371		
18,600.00	7,151.23	7,132.23	7,132.23	333.01	247.26	-105.17	-784.71	-737.54	9,641.30	9,355.28	286.03	33.708		
18,700.00	7,151.47	7,132.47	7,132.47	335.85	247.27	-105.32	-784.71	-737.54	9,741.30	9,455.16	286.14	34.044		
18,800.00	7,151.71	7,132.71	7,132.71	338.69	247.28	-105.47	-784.71	-737.54	9,841.30	9,555.05	286.25	34.380		
18,900.00	7,151.95	7,132.95	7,132.95	341.53	247.29	-105.62	-784.71	-737.54	9,941.29	9,654.93	286.36	34.716		
18,920.23	7,152.00	7,133.00	7,133.00	342.10	247.29	-105.65	-784.71	-737.54	9,961.52	9,675.14	286.38	34.784		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-62.82	212.38	-413.53	465.19					
100.00	100.00	79.98	79.97	3.28	3.28	-62.77	212.85	-413.58	465.15	458.58	6.57	70.802 CC, ES		
200.00	200.00	180.62	180.61	3.34	3.33	-62.63	214.14	-413.68	465.83	459.16	6.67	69.881		
300.00	299.98	281.11	281.10	3.44	3.43	177.47	215.02	-413.72	468.00	461.13	6.87	68.125		
400.00	399.84	380.31	380.29	3.60	3.57	177.56	215.75	-413.84	473.68	466.51	7.17	66.056		
500.00	499.45	480.65	480.63	3.80	3.77	177.68	216.54	-413.98	482.88	475.31	7.56	63.837		
600.00	598.70	579.80	579.78	4.04	3.99	177.79	217.18	-414.05	495.41	487.38	8.03	61.669		
700.00	697.47	677.30	677.27	4.33	4.24	177.88	217.72	-414.30	511.53	502.96	8.56	59.727		
800.00	795.62	775.61	775.58	4.65	4.52	177.98	218.33	-414.69	531.22	522.07	9.15	58.040		
865.50	859.53	838.79	838.76	4.89	4.71	178.04	218.65	-414.94	545.94	536.38	9.56	57.094		
900.00	893.10	871.59	871.56	5.02	4.82	178.07	218.80	-415.14	554.13	544.35	9.78	56.648		
1,000.00	990.42	968.26	968.23	5.41	5.13	178.15	219.25	-415.89	578.02	567.58	10.44	55.384		
1,100.00	1,087.73	1,066.65	1,066.61	5.83	5.46	178.23	219.70	-416.56	601.82	590.69	11.13	54.074		
1,200.00	1,185.05	1,162.12	1,162.08	6.27	5.79	178.30	220.00	-417.18	625.54	613.70	11.84	52.844		
1,300.00	1,282.36	1,259.95	1,259.91	6.72	6.14	178.35	220.38	-418.12	649.56	636.98	12.58	51.646		
1,400.00	1,379.67	1,357.48	1,357.43	7.18	6.50	178.37	220.42	-418.89	673.26	659.92	13.33	50.492		
1,500.00	1,476.99	1,453.83	1,453.78	7.65	6.86	178.42	220.75	-419.66	697.12	683.02	14.10	49.440		
1,600.00	1,574.30	1,553.61	1,553.56	8.13	7.23	178.45	220.89	-420.48	720.90	706.00	14.90	48.391		
1,700.00	1,671.61	1,653.89	1,653.83	8.62	7.62	178.49	220.94	-420.74	744.16	728.45	15.71	47.374		
1,800.00	1,768.93	1,752.08	1,752.03	9.11	8.00	178.53	220.79	-420.85	767.20	750.68	16.52	46.451		
1,900.00	1,866.24	1,849.93	1,849.87	9.60	8.38	178.55	220.60	-420.91	790.17	772.84	17.33	45.595		
2,000.00	1,963.56	1,947.09	1,947.03	10.10	8.76	178.57	220.22	-421.01	813.10	794.95	18.15	44.806		
2,100.00	2,060.87	2,044.53	2,044.47	10.61	9.15	178.56	219.67	-421.28	836.08	817.11	18.97	44.069		
2,200.00	2,158.18	2,143.31	2,143.24	11.11	9.54	178.50	218.32	-421.84	858.94	839.13	19.81	43.356		
2,300.00	2,255.50	2,240.69	2,240.60	11.62	9.94	178.41	216.39	-422.57	881.68	861.03	20.65	42.700		
2,400.00	2,352.81	2,336.33	2,336.21	12.13	10.32	178.30	214.34	-423.53	904.56	883.08	21.48	42.114		
2,500.00	2,450.13	2,430.49	2,430.34	12.65	10.71	178.19	212.29	-424.71	927.64	905.34	22.30	41.591		
2,600.00	2,547.44	2,522.44	2,522.25	13.16	11.08	178.08	210.37	-426.39	951.26	928.15	23.12	41.149		
2,700.00	2,644.75	2,618.01	2,617.80	13.68	11.48	177.97	208.66	-428.32	975.18	951.23	23.96	40.705		
2,800.00	2,742.07	2,713.34	2,713.09	14.20	11.87	177.89	207.19	-430.31	999.28	974.48	24.80	40.298		
2,900.00	2,839.38	2,810.26	2,809.98	14.71	12.27	177.81	205.79	-432.38	1,023.46	997.81	25.65	39.901		
3,000.00	2,936.70	2,908.91	2,908.59	15.23	12.68	177.74	204.42	-434.38	1,047.57	1,021.06	26.52	39.507		
3,100.00	3,034.01	3,005.99	3,005.65	15.76	13.08	177.69	203.33	-436.13	1,071.62	1,044.25	27.37	39.148		
3,200.00	3,131.32	3,105.00	3,104.65	16.28	13.49	177.66	202.51	-437.65	1,095.58	1,067.33	28.25	38.787		
3,300.00	3,228.64	3,207.18	3,206.81	16.80	13.92	177.64	201.60	-438.89	1,119.22	1,090.08	29.14	38.407		
3,400.00	3,325.95	3,298.31	3,297.94	17.32	14.29	177.62	200.86	-440.03	1,142.93	1,112.97	29.96	38.147		
3,500.00	3,423.26	3,399.36	3,398.98	17.85	14.72	177.62	200.31	-441.23	1,166.72	1,135.86	30.85	37.817		
3,600.00	3,520.58	3,498.48	3,498.10	18.37	15.13	177.62	199.82	-442.10	1,190.25	1,158.52	31.73	37.511		
3,700.00	3,617.89	3,587.20	3,586.81	18.90	15.50	177.63	199.47	-443.08	1,214.03	1,181.49	32.54	37.314		
3,800.00	3,715.21	3,683.76	3,683.36	19.43	15.91	177.64	199.47	-444.43	1,238.23	1,204.83	33.40	37.074		
3,900.00	3,812.52	3,781.47	3,781.06	19.95	16.32	177.67	199.81	-445.54	1,262.37	1,228.10	34.27	36.836		
4,000.00	3,909.83	3,877.16	3,876.74	20.48	16.72	177.72	200.45	-446.48	1,286.52	1,251.39	35.13	36.624		
4,100.00	4,007.15	3,971.94	3,971.51	21.01	17.12	177.77	201.32	-447.45	1,310.82	1,274.84	35.98	36.432		
4,200.00	4,104.46	4,066.02	4,065.58	21.53	17.51	177.81	201.99	-448.72	1,335.31	1,298.48	36.83	36.259		
4,300.00	4,201.78	4,167.44	4,167.00	22.06	17.94	177.85	202.78	-450.10	1,359.85	1,322.12	37.73	36.041		
4,400.00	4,299.09	4,270.05	4,269.59	22.59	18.37	177.88	203.17	-451.14	1,383.89	1,345.25	38.64	35.812		
4,500.00	4,396.40	4,366.64	4,366.19	23.12	18.78	177.91	203.42	-451.96	1,407.74	1,368.23	39.51	35.629		
4,600.00	4,493.72	4,463.27	4,462.81	23.65	19.19	177.93	203.59	-452.94	1,431.70	1,391.32	40.38	35.455		
4,700.00	4,591.03	4,562.25	4,561.78	24.18	19.61	177.96	203.80	-453.86	1,455.61	1,414.34	41.27	35.272		
4,800.00	4,688.34	4,661.61	4,661.14	24.71	20.03	177.95	203.32	-454.97	1,479.36	1,437.20	42.16	35.090		
4,900.00	4,785.66	4,758.91	4,758.42	25.24	20.44	177.94	202.65	-456.06	1,503.01	1,459.97	43.03	34.926		
5,000.00	4,882.97	4,856.12	4,855.63	25.77	20.85	177.92	201.74	-457.30	1,526.69	1,482.78	43.91	34.769		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	4,952.03	4,951.52	26.30	21.25	177.89	200.65	-458.63	1,550.37	1,505.59	44.78	34.625		
5,200.00	5,077.60	5,050.31	5,049.78	26.83	21.67	177.85	199.44	-460.15	1,574.14	1,528.48	45.66	34.475		
5,300.00	5,174.91	5,152.13	5,151.58	27.36	22.10	177.82	198.12	-461.46	1,597.66	1,551.09	46.57	34.305		
5,400.00	5,272.23	5,256.62	5,256.05	27.89	22.54	177.77	196.24	-462.71	1,620.88	1,573.38	47.50	34.121		
5,500.00	5,369.54	5,358.17	5,357.59	28.42	22.97	177.75	194.80	-463.18	1,643.64	1,595.23	48.41	33.951		
5,600.00	5,466.86	5,455.42	5,454.83	28.95	23.38	177.74	193.68	-463.43	1,666.35	1,617.06	49.29	33.808		
5,700.00	5,564.17	5,557.89	5,557.29	29.48	23.82	177.73	192.33	-463.70	1,688.99	1,638.78	50.20	33.643		
5,800.00	5,661.48	5,658.32	5,657.70	30.01	24.24	177.71	190.72	-463.69	1,711.25	1,660.14	51.10	33.485		
5,900.00	5,758.80	5,754.14	5,753.52	30.54	24.65	177.70	189.40	-463.60	1,733.54	1,681.57	51.97	33.356		
6,000.00	5,856.11	5,856.55	5,855.91	31.07	25.08	177.69	187.82	-463.58	1,755.84	1,702.96	52.89	33.200		
6,100.00	5,953.43	5,953.86	5,953.21	31.61	25.49	177.68	186.48	-463.10	1,777.79	1,724.03	53.77	33.066		
6,200.00	6,050.74	6,052.65	6,052.00	32.14	25.91	177.70	185.68	-462.58	1,799.97	1,745.32	54.65	32.934		
6,300.00	6,148.05	6,152.58	6,151.92	32.67	26.33	177.72	184.79	-461.71	1,821.82	1,766.27	55.55	32.796		
6,400.00	6,245.37	6,251.23	6,250.56	33.20	26.75	177.72	183.70	-461.06	1,843.76	1,787.32	56.44	32.668		
6,500.00	6,342.68	6,347.85	6,347.18	33.73	27.16	177.74	182.67	-460.20	1,865.52	1,808.20	57.31	32.549		
6,520.81	6,362.93	6,366.51	6,365.84	33.85	27.23	177.74	182.52	-460.05	1,870.08	1,812.60	57.48	32.532		
6,550.00	6,391.46	6,392.79	6,392.11	34.00	27.35	171.19	182.32	-459.85	1,875.92	1,818.20	57.72	32.499		
6,600.00	6,440.79	6,442.24	6,441.56	34.23	27.55	152.05	182.00	-459.51	1,883.20	1,825.05	58.15	32.383		
6,650.00	6,490.44	6,492.77	6,492.09	34.43	27.77	116.84	181.64	-459.15	1,886.95	1,828.37	58.58	32.213		
6,700.00	6,540.10	6,539.51	6,538.82	34.60	27.97	80.84	181.28	-458.85	1,887.19	1,828.23	58.95	32.012		
6,750.00	6,589.46	6,585.34	6,584.65	34.76	28.16	61.30	180.90	-458.67	1,884.00	1,824.70	59.30	31.771		
6,800.00	6,638.22	6,633.89	6,633.20	34.92	28.37	51.76	180.46	-458.57	1,877.39	1,817.74	59.65	31.473		
6,850.00	6,686.09	6,683.09	6,682.39	35.07	28.57	46.79	179.92	-458.49	1,867.34	1,807.35	59.99	31.127		
6,900.00	6,732.75	6,727.51	6,726.82	35.24	28.76	44.13	179.39	-458.43	1,853.95	1,793.67	60.28	30.755		
6,950.00	6,777.94	6,768.66	6,767.96	35.42	28.94	42.84	179.03	-458.40	1,837.45	1,776.91	60.54	30.352		
7,000.00	6,821.36	6,808.26	6,807.57	35.61	29.11	42.50	178.82	-458.40	1,817.95	1,757.18	60.78	29.912		
7,050.00	6,862.75	6,846.32	6,845.62	35.83	29.27	42.89	178.68	-458.44	1,795.62	1,734.62	61.00	29.437		
7,100.00	6,901.85	6,882.34	6,881.65	36.06	29.42	43.89	178.59	-458.54	1,770.61	1,709.40	61.21	28.927		
7,150.00	6,938.43	6,917.10	6,916.40	36.32	29.57	45.49	178.54	-458.67	1,743.11	1,681.69	61.42	28.382		
7,200.00	6,972.26	6,950.26	6,949.57	36.61	29.71	47.67	178.51	-458.81	1,713.30	1,651.67	61.63	27.801		
7,250.00	7,003.13	6,980.57	6,979.87	36.93	29.84	50.41	178.50	-458.94	1,681.40	1,619.57	61.84	27.190		
7,300.00	7,030.85	7,008.55	7,007.86	37.29	29.96	53.76	178.50	-459.08	1,647.67	1,585.61	62.06	26.549		
7,350.00	7,055.25	7,034.79	7,034.09	37.68	30.07	57.75	178.47	-459.19	1,612.34	1,550.03	62.31	25.876		
7,400.00	7,076.17	7,057.29	7,056.59	38.12	30.17	62.32	178.44	-459.28	1,575.69	1,513.12	62.57	25.181		
7,450.00	7,093.50	7,075.92	7,075.22	38.60	30.25	67.39	178.39	-459.34	1,538.01	1,475.15	62.86	24.466		
7,500.00	7,107.11	7,090.56	7,089.87	39.11	30.31	72.85	178.34	-459.38	1,499.60	1,436.42	63.18	23.734		
7,550.00	7,116.94	7,101.15	7,100.45	39.66	30.35	78.56	178.30	-459.41	1,460.77	1,397.23	63.54	22.990		
7,600.00	7,122.91	7,107.63	7,106.93	40.24	30.38	84.31	178.28	-459.43	1,421.81	1,357.88	63.94	22.238		
7,650.18	7,125.00	7,109.97	7,109.27	40.85	30.39	89.92	178.27	-459.44	1,382.89	1,318.51	64.38	21.481		
7,700.00	7,125.12	7,110.23	7,109.53	41.48	30.39	89.93	178.27	-459.44	1,344.79	1,279.92	64.87	20.730		
7,800.00	7,125.36	7,110.73	7,110.03	42.88	30.39	89.97	178.26	-459.44	1,270.77	1,204.68	66.09	19.227		
7,900.00	7,125.60	7,111.23	7,110.53	44.42	30.40	90.00	178.26	-459.44	1,200.53	1,132.87	67.66	17.744		
8,000.00	7,125.84	7,111.73	7,111.03	46.10	30.40	90.03	178.26	-459.44	1,134.76	1,065.15	69.61	16.303		
8,100.00	7,126.08	7,112.23	7,111.53	47.89	30.40	90.06	178.26	-459.44	1,074.28	1,002.32	71.95	14.930		
8,200.00	7,126.32	7,112.73	7,112.03	49.79	30.40	90.10	178.25	-459.45	1,020.04	945.34	74.69	13.656		
8,300.00	7,126.56	7,111.90	7,111.20	51.79	30.40	90.04	178.26	-459.45	973.09	895.32	77.76	12.514		
8,400.00	7,126.80	7,112.44	7,111.74	53.86	30.40	90.08	178.26	-459.45	934.50	853.43	81.08	11.526		
8,500.00	7,127.04	7,112.98	7,112.28	56.00	30.40	90.11	178.26	-459.45	905.37	820.90	84.47	10.718		
8,600.00	7,127.28	7,113.54	7,112.84	58.21	30.41	90.15	178.26	-459.45	886.62	798.87	87.75	10.104		
8,689.38	7,127.49	7,114.04	7,113.34	60.24	30.41	90.18	178.26	-459.46	879.20	788.79	90.41	9.724		
8,700.00	7,127.52	7,114.09	7,113.40	60.48	30.41	90.19	178.26	-459.46	878.94	788.23	90.71	9.690		
8,711.28	7,127.54	7,114.16	7,113.46	60.74	30.41	90.19	178.26	-459.46	878.84	787.83	91.01	9.656		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	7,114.67	7,113.97	62.79	30.41	90.23	178.26	-459.46	884.68	791.52	93.16	9.497		
8,841.07	7,127.85	7,114.91	7,114.21	63.74	30.41	90.25	178.25	-459.46	891.28	797.30	93.98	9.484 SF		
8,900.00	7,128.00	7,115.25	7,114.56	65.12	30.41	90.27	178.25	-459.46	904.34	809.36	94.97	9.522		
9,000.00	7,128.23	7,115.85	7,115.15	67.50	30.42	90.31	178.25	-459.46	934.62	838.46	96.17	9.719		
9,100.00	7,128.47	7,116.45	7,115.75	69.91	30.42	90.35	178.25	-459.46	974.28	877.48	96.80	10.065		
9,200.00	7,128.71	7,117.06	7,116.36	72.35	30.42	90.39	178.25	-459.47	1,022.21	925.25	96.96	10.543		
9,300.00	7,128.95	7,117.67	7,116.97	74.83	30.42	90.43	178.25	-459.47	1,077.31	980.54	96.77	11.133		
9,400.00	7,129.19	7,118.30	7,117.60	77.33	30.43	90.47	178.24	-459.47	1,138.55	1,042.22	96.32	11.820		
9,500.00	7,129.43	7,118.93	7,118.23	79.86	30.43	90.51	178.24	-459.47	1,204.98	1,109.27	95.71	12.590		
9,600.00	7,129.67	7,119.56	7,118.86	82.41	30.43	90.55	178.24	-459.48	1,275.80	1,180.80	95.00	13.430		
9,700.00	7,129.91	7,120.21	7,119.51	84.97	30.43	90.59	178.24	-459.48	1,350.32	1,256.08	94.23	14.330		
9,800.00	7,130.15	7,120.86	7,120.16	87.56	30.44	90.64	178.24	-459.48	1,427.95	1,334.50	93.45	15.280		
9,900.00	7,130.39	7,121.52	7,120.82	90.16	30.44	90.68	178.23	-459.48	1,508.22	1,415.55	92.67	16.275		
10,000.00	7,130.63	7,122.19	7,121.49	92.78	30.44	90.72	178.23	-459.49	1,590.73	1,498.81	91.92	17.306		
10,100.00	7,130.87	7,122.86	7,122.16	95.41	30.45	90.77	178.23	-459.49	1,675.14	1,583.95	91.19	18.370		
10,200.00	7,131.11	7,123.54	7,122.85	98.06	30.45	90.81	178.23	-459.49	1,761.19	1,670.69	90.50	19.461		
10,300.00	7,131.35	7,124.24	7,123.54	100.71	30.45	90.86	178.23	-459.50	1,848.64	1,758.79	89.84	20.576		
10,400.00	7,131.59	7,124.94	7,124.24	103.38	30.45	90.90	178.23	-459.50	1,937.30	1,848.07	89.23	21.711		
10,500.00	7,131.83	7,125.65	7,124.95	106.06	30.46	90.95	178.22	-459.50	2,027.02	1,938.37	88.65	22.865		
10,600.00	7,132.07	7,126.36	7,125.66	108.74	30.46	91.00	178.22	-459.50	2,117.66	2,029.55	88.11	24.034		
10,700.00	7,132.31	7,127.09	7,126.39	111.44	30.46	91.04	178.22	-459.51	2,209.11	2,121.51	87.61	25.217		
10,800.00	7,132.55	7,127.83	7,127.13	114.14	30.47	91.09	178.22	-459.51	2,301.27	2,214.14	87.13	26.411		
10,900.00	7,132.79	7,128.57	7,127.87	116.85	30.47	91.14	178.22	-459.51	2,394.06	2,307.37	86.69	27.616		
11,000.00	7,133.03	7,129.32	7,128.63	119.57	30.47	91.19	178.21	-459.52	2,487.41	2,401.13	86.28	28.830		
11,100.00	7,133.27	7,130.09	7,129.39	122.29	30.48	91.24	178.21	-459.52	2,581.26	2,495.37	85.89	30.053		
11,200.00	7,133.51	7,130.86	7,130.16	125.02	30.48	91.29	178.21	-459.52	2,675.55	2,590.02	85.53	31.282		
11,300.00	7,133.74	7,131.65	7,130.95	127.76	30.48	91.34	178.21	-459.53	2,770.24	2,685.05	85.19	32.518		
11,400.00	7,133.98	7,132.44	7,131.74	130.50	30.49	91.39	178.21	-459.53	2,865.29	2,780.42	84.88	33.759		
11,500.00	7,134.22	7,133.24	7,132.55	133.24	30.49	91.45	178.20	-459.54	2,960.67	2,876.09	84.58	35.004		
11,600.00	7,134.46	7,134.06	7,133.36	135.99	30.49	91.50	178.20	-459.54	3,056.34	2,972.04	84.30	36.254		
11,700.00	7,134.70	7,134.89	7,134.19	138.75	30.50	91.55	178.20	-459.54	3,152.29	3,068.24	84.04	37.508		
11,800.00	7,134.94	7,135.72	7,135.02	141.51	30.50	91.61	178.20	-459.55	3,248.47	3,164.67	83.80	38.764		
11,900.00	7,135.18	7,136.57	7,135.87	144.27	30.50	91.66	178.20	-459.55	3,344.88	3,261.31	83.57	40.024		
12,000.00	7,135.42	7,137.43	7,136.73	147.03	30.51	91.72	178.20	-459.56	3,441.50	3,358.14	83.36	41.286		
12,100.00	7,135.66	7,138.30	7,137.60	149.80	30.51	91.78	178.19	-459.56	3,538.30	3,455.14	83.16	42.549		
12,200.00	7,135.90	7,139.18	7,138.48	152.58	30.51	91.84	178.19	-459.56	3,635.28	3,552.31	82.97	43.815		
12,300.00	7,136.14	7,140.08	7,139.38	155.35	30.52	91.89	178.19	-459.57	3,732.41	3,649.62	82.79	45.081		
12,400.00	7,136.38	7,140.99	7,140.29	158.13	30.52	91.95	178.19	-459.57	3,829.69	3,747.07	82.63	46.349		
12,500.00	7,136.62	7,141.91	7,141.21	160.91	30.53	92.01	178.19	-459.58	3,927.11	3,844.64	82.47	47.618		
12,600.00	7,136.86	7,142.84	7,142.14	163.70	30.53	92.07	178.18	-459.58	4,024.66	3,942.33	82.33	48.887		
12,700.00	7,137.10	7,143.79	7,143.09	166.48	30.53	92.14	178.18	-459.59	4,122.32	4,040.13	82.19	50.157		
12,800.00	7,137.34	7,144.75	7,144.05	169.27	30.54	92.20	178.18	-459.59	4,220.09	4,138.03	82.06	51.427		
12,900.00	7,137.58	7,145.72	7,145.02	172.06	30.54	92.26	178.18	-459.60	4,317.97	4,236.02	81.94	52.696		
13,000.00	7,137.82	7,146.71	7,146.01	174.86	30.55	92.33	178.18	-459.60	4,415.93	4,334.11	81.83	53.966		
13,100.00	7,138.06	7,147.71	7,147.01	177.65	30.55	92.39	178.18	-459.61	4,513.99	4,432.27	81.72	55.236		
13,200.00	7,138.30	7,148.73	7,148.03	180.45	30.56	92.46	178.17	-459.62	4,612.13	4,530.51	81.62	56.505		
13,300.00	7,138.54	7,149.76	7,149.06	183.25	30.56	92.53	178.17	-459.62	4,710.35	4,628.82	81.53	57.773		
13,400.00	7,138.78	7,150.81	7,150.11	186.05	30.56	92.60	178.17	-459.63	4,808.64	4,727.20	81.45	59.041		
13,500.00	7,139.02	7,151.88	7,151.18	188.85	30.57	92.67	178.17	-459.63	4,907.01	4,825.64	81.37	60.307		
13,600.00	7,139.25	7,152.95	7,152.26	191.65	30.57	92.74	178.17	-459.64	5,005.43	4,924.14	81.29	61.573		
13,700.00	7,139.49	7,154.05	7,153.35	194.46	30.58	92.81	178.17	-459.65	5,103.92	5,022.69	81.22	62.838		
13,800.00	7,139.73	7,155.16	7,154.46	197.27	30.58	92.88	178.17	-459.65	5,202.46	5,121.30	81.16	64.102		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	7,156.30	7,155.60	200.08	30.59	92.95	178.16	-459.66	5,301.06	5,219.96	81.10	65.364		
14,000.00	7,140.21	7,157.44	7,156.74	202.89	30.59	93.03	178.16	-459.67	5,399.71	5,318.67	81.05	66.625		
14,100.00	7,140.45	7,158.61	7,157.91	205.70	30.60	93.11	178.16	-459.67	5,498.41	5,417.41	81.00	67.884		
14,200.00	7,140.69	7,159.79	7,159.09	208.51	30.60	93.18	178.16	-459.68	5,597.15	5,516.20	80.95	69.142		
14,300.00	7,140.93	7,161.00	7,160.30	211.32	30.61	93.26	178.16	-459.69	5,695.94	5,615.03	80.91	70.399		
14,400.00	7,141.17	7,162.22	7,161.52	214.14	30.61	93.34	178.16	-459.70	5,794.77	5,713.90	80.87	71.653		
14,500.00	7,141.41	7,163.46	7,162.77	216.95	30.62	93.42	178.16	-459.70	5,893.64	5,812.80	80.84	72.906		
14,600.00	7,141.65	7,164.73	7,164.03	219.77	30.62	93.50	178.16	-459.71	5,992.55	5,911.74	80.81	74.157		
14,700.00	7,141.89	7,166.01	7,165.31	222.59	30.63	93.59	178.15	-459.72	6,091.49	6,010.71	80.78	75.406		
14,800.00	7,142.13	7,167.32	7,166.62	225.41	30.63	93.67	178.15	-459.73	6,190.47	6,109.71	80.76	76.654		
14,900.00	7,142.37	7,168.65	7,167.95	228.23	30.64	93.76	178.15	-459.74	6,289.47	6,208.73	80.74	77.899		
15,000.00	7,142.61	7,170.00	7,169.30	231.05	30.65	93.85	178.15	-459.75	6,388.51	6,307.79	80.72	79.142		
15,100.00	7,142.85	7,171.37	7,170.67	233.87	30.65	93.94	178.15	-459.76	6,487.58	6,406.87	80.71	80.382		
15,200.00	7,143.09	7,172.77	7,172.07	236.69	30.66	94.03	178.15	-459.77	6,586.68	6,505.98	80.70	81.621		
15,300.00	7,143.33	7,174.19	7,173.49	239.52	30.66	94.12	178.15	-459.78	6,685.80	6,605.11	80.69	82.857		
15,400.00	7,143.57	7,175.64	7,174.94	242.34	30.67	94.22	178.15	-459.79	6,784.95	6,704.26	80.69	84.091		
15,500.00	7,143.81	7,177.11	7,176.41	245.17	30.68	94.31	178.15	-459.80	6,884.12	6,803.44	80.68	85.323		
15,600.00	7,144.05	7,178.61	7,177.91	247.99	30.68	94.41	178.15	-459.81	6,983.32	6,902.63	80.68	86.552		
15,700.00	7,144.29	7,180.13	7,179.43	250.82	30.69	94.51	178.15	-459.82	7,082.53	7,001.85	80.69	87.778		
15,800.00	7,144.53	7,181.69	7,180.99	253.64	30.70	94.61	178.15	-459.83	7,181.77	7,101.08	80.69	89.002		
15,900.00	7,144.76	7,183.27	7,182.57	256.47	30.70	94.71	178.15	-459.84	7,281.04	7,200.34	80.70	90.224		
16,000.00	7,145.00	7,184.88	7,184.18	259.30	30.71	94.82	178.15	-459.86	7,380.32	7,299.61	80.71	91.443		
16,100.00	7,145.24	7,186.52	7,185.82	262.13	30.72	94.92	178.15	-459.87	7,479.61	7,398.89	80.72	92.659		
16,200.00	7,145.48	7,188.19	7,187.49	264.96	30.72	95.03	178.15	-459.88	7,578.93	7,498.20	80.74	93.872		
16,300.00	7,145.72	7,189.90	7,189.20	267.79	30.73	95.14	178.15	-459.89	7,678.27	7,597.51	80.75	95.083		
16,400.00	7,145.96	7,191.63	7,190.93	270.62	30.74	95.26	178.15	-459.91	7,777.62	7,696.85	80.77	96.290		
16,500.00	7,146.20	7,193.40	7,192.70	273.45	30.75	95.37	178.15	-459.92	7,876.99	7,796.19	80.79	97.495		
16,600.00	7,146.44	7,195.21	7,194.51	276.28	30.75	95.49	178.15	-459.94	7,976.37	7,895.55	80.82	98.697		
16,700.00	7,146.68	7,197.05	7,196.35	279.12	30.76	95.61	178.15	-459.95	8,075.77	7,994.93	80.84	99.896		
16,800.00	7,146.92	7,198.93	7,198.23	281.95	30.77	95.73	178.15	-459.97	8,175.18	8,094.31	80.87	101.092		
16,900.00	7,147.16	7,200.85	7,200.15	284.78	30.78	95.85	178.16	-459.99	8,274.61	8,193.71	80.90	102.285		
17,000.00	7,147.40	7,202.80	7,202.10	287.62	30.79	95.98	178.16	-460.00	8,374.05	8,293.12	80.93	103.475		
17,100.00	7,147.64	7,204.80	7,204.10	290.45	30.79	96.11	178.16	-460.02	8,473.50	8,392.54	80.96	104.662		
17,200.00	7,147.88	7,206.84	7,206.13	293.28	30.80	96.24	178.16	-460.04	8,572.97	8,491.97	80.99	105.846		
17,300.00	7,148.12	7,208.92	7,208.21	296.12	30.81	96.38	178.16	-460.06	8,672.44	8,591.41	81.03	107.026		
17,400.00	7,148.36	7,211.04	7,210.34	298.95	30.82	96.51	178.17	-460.08	8,771.93	8,690.86	81.07	108.203		
17,500.00	7,148.60	7,213.21	7,212.51	301.79	30.83	96.65	178.17	-460.10	8,871.43	8,790.33	81.11	109.377		
17,600.00	7,148.84	7,215.43	7,214.73	304.63	30.84	96.80	178.17	-460.12	8,970.94	8,889.80	81.15	110.548		
17,700.00	7,149.08	7,217.70	7,216.99	307.46	30.85	96.94	178.18	-460.14	9,070.47	8,989.27	81.19	111.716		
17,800.00	7,149.32	7,220.01	7,219.31	310.30	30.86	97.09	178.18	-460.16	9,170.00	9,088.76	81.24	112.880		
17,900.00	7,149.56	7,222.36	7,221.66	313.14	30.87	97.24	178.18	-460.18	9,269.54	9,188.30	81.29	114.040		
18,000.00	7,149.80	7,224.75	7,224.05	315.98	30.88	97.39	178.18	-460.20	9,369.10	9,287.86	81.34	115.196		
18,100.00	7,150.04	7,227.18	7,226.48	318.81	30.89	97.54	178.18	-460.22	9,468.66	9,387.42	81.39	116.348		
18,200.00	7,150.28	7,229.64	7,228.94	321.65	30.90	97.69	178.18	-460.24	9,568.23	9,487.00	81.44	117.496		
18,300.00	7,150.52	7,232.13	7,231.43	324.49	30.91	97.84	178.18	-460.26	9,667.81	9,586.58	81.49	118.640		
18,400.00	7,150.76	7,234.65	7,233.95	327.33	30.92	97.99	178.18	-460.28	9,767.40	9,686.17	81.54	119.780		
18,500.00	7,151.00	7,237.20	7,236.50	330.17	30.93	98.14	178.18	-460.30	9,867.00	9,785.77	81.59	120.916		
18,600.00	7,151.24	7,239.78	7,239.08	333.01	30.94	98.29	178.18	-460.32	9,966.60	9,885.37	81.64	122.048		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-118.13	-2,291.85	-4,287.56	4,861.68					
100.00	100.00	106.72	106.72	3.28	3.29	-118.13	-2,291.76	-4,287.35	4,861.47	4,854.90	6.57	739.635		
193.71	193.71	179.71	179.71	3.33	3.33	-118.12	-2,291.58	-4,287.30	4,861.30	4,854.64	6.66	730.057		
200.00	200.00	184.77	184.77	3.34	3.33	-118.12	-2,291.56	-4,287.31	4,861.30	4,854.63	6.67	729.109		
300.00	299.98	319.83	319.82	3.44	3.48	121.90	-2,290.63	-4,287.41	4,861.99	4,855.07	6.92	702.708		
400.00	399.84	417.61	417.61	3.60	3.64	121.92	-2,290.02	-4,286.94	4,864.05	4,856.81	7.23	672.553		
500.00	499.45	485.06	485.05	3.80	3.77	121.91	-2,289.87	-4,286.78	4,868.34	4,860.78	7.57	643.345		
600.00	598.70	585.70	585.69	4.04	4.00	121.92	-2,289.63	-4,286.98	4,874.89	4,866.85	8.04	606.152		
700.00	697.47	723.06	723.04	4.33	4.37	122.01	-2,288.55	-4,286.85	4,882.79	4,874.09	8.69	561.764		
800.00	795.62	818.46	818.44	4.65	4.65	122.03	-2,288.00	-4,286.25	4,892.21	4,882.91	9.30	526.281		
865.50	859.53	868.99	868.97	4.89	4.80	122.02	-2,287.88	-4,285.96	4,899.55	4,889.86	9.68	505.957		
900.00	893.10	895.54	895.52	5.02	4.88	122.08	-2,287.87	-4,285.85	4,903.70	4,893.81	9.89	495.585		
1,000.00	990.42	971.70	971.68	5.41	5.13	122.25	-2,287.88	-4,285.74	4,916.08	4,905.55	10.52	467.127		
1,100.00	1,087.73	1,059.67	1,059.65	5.83	5.42	122.46	-2,287.78	-4,286.03	4,928.87	4,917.65	11.22	439.200		
1,200.00	1,185.05	1,182.86	1,182.84	6.27	5.85	122.75	-2,287.14	-4,286.51	4,941.66	4,929.59	12.07	409.312		
1,300.00	1,282.36	1,279.45	1,279.43	6.72	6.20	122.97	-2,286.66	-4,286.44	4,954.10	4,941.25	12.86	385.379		
1,400.00	1,379.67	1,366.00	1,365.97	7.18	6.52	123.16	-2,286.66	-4,286.32	4,966.78	4,953.16	13.62	364.727		
1,500.00	1,476.99	1,445.70	1,445.68	7.65	6.81	123.34	-2,286.89	-4,286.34	4,979.79	4,965.43	14.37	346.600		
1,600.00	1,574.30	1,524.54	1,524.51	8.13	7.11	123.51	-2,287.17	-4,286.69	4,993.27	4,978.15	15.12	330.152		
1,700.00	1,671.61	1,610.75	1,610.73	8.62	7.44	123.70	-2,287.54	-4,287.30	5,007.09	4,991.17	15.92	314.534		
1,800.00	1,768.93	1,695.84	1,695.81	9.11	7.76	123.89	-2,288.13	-4,288.02	5,021.20	5,004.49	16.72	300.350		
1,900.00	1,866.24	1,781.73	1,781.69	9.60	8.10	124.07	-2,288.88	-4,288.89	5,035.61	5,018.09	17.53	287.308		
2,000.00	1,963.56	1,921.25	1,921.20	10.10	8.65	124.37	-2,289.84	-4,290.02	5,049.86	5,031.29	18.56	272.025		
2,100.00	2,060.87	2,055.64	2,055.59	10.61	9.18	124.66	-2,290.60	-4,290.06	5,063.43	5,043.84	19.59	258.483		
2,200.00	2,158.18	2,171.55	2,171.49	11.11	9.64	124.91	-2,290.53	-4,289.51	5,076.33	5,055.78	20.54	247.099		
2,300.00	2,255.50	2,255.87	2,255.82	11.62	9.98	125.08	-2,290.77	-4,288.98	5,089.32	5,067.95	21.37	238.145		
2,400.00	2,352.81	2,327.97	2,327.91	12.13	10.27	125.23	-2,291.44	-4,288.62	5,102.75	5,080.60	22.15	230.389		
2,500.00	2,450.13	2,400.00	2,399.94	12.65	10.57	125.37	-2,292.23	-4,288.73	5,116.85	5,093.92	22.93	223.178		
2,600.00	2,547.44	2,482.79	2,482.72	13.16	10.90	125.54	-2,293.05	-4,289.25	5,131.40	5,107.65	23.75	216.024		
2,700.00	2,644.75	2,601.10	2,601.02	13.68	11.39	125.79	-2,293.99	-4,289.89	5,145.89	5,121.16	24.74	208.017		
2,800.00	2,742.07	2,705.25	2,705.17	14.20	11.81	126.00	-2,294.88	-4,290.09	5,160.15	5,134.49	25.66	201.073		
2,900.00	2,839.38	2,799.01	2,798.92	14.71	12.20	126.18	-2,295.85	-4,290.16	5,174.44	5,147.89	26.54	194.934		
3,000.00	2,936.70	2,866.16	2,866.07	15.23	12.48	126.31	-2,296.63	-4,290.42	5,189.09	5,161.78	27.31	190.013		
3,100.00	3,034.01	2,972.89	2,972.79	15.76	12.92	126.53	-2,297.64	-4,291.36	5,204.20	5,175.95	28.25	184.211		
3,200.00	3,131.32	3,096.43	3,096.33	16.28	13.43	126.78	-2,298.35	-4,291.89	5,218.80	5,189.53	29.27	178.295		
3,300.00	3,228.64	3,171.99	3,171.89	16.80	13.74	126.92	-2,299.06	-4,292.08	5,233.45	5,203.37	30.08	174.009		
3,400.00	3,325.95	3,248.74	3,248.63	17.32	14.06	127.07	-2,300.06	-4,292.53	5,248.57	5,217.69	30.89	169.933		
3,500.00	3,423.26	3,355.54	3,355.41	17.85	14.50	127.28	-2,301.29	-4,293.50	5,264.02	5,232.18	31.83	165.357		
3,600.00	3,520.58	3,471.64	3,471.51	18.37	14.99	127.51	-2,301.86	-4,294.20	5,278.97	5,246.15	32.83	160.816		
3,700.00	3,617.89	3,570.53	3,570.40	18.90	15.40	127.71	-2,302.23	-4,294.75	5,293.92	5,260.18	33.74	156.903		
3,800.00	3,715.21	3,669.42	3,669.29	19.43	15.82	127.90	-2,302.53	-4,295.29	5,308.89	5,274.23	34.65	153.194		
3,900.00	3,812.52	3,768.30	3,768.16	19.95	16.23	128.10	-2,302.77	-4,295.81	5,323.89	5,288.32	35.57	149.673		
4,000.00	3,909.83	3,867.16	3,867.03	20.48	16.64	128.29	-2,302.95	-4,296.33	5,338.92	5,302.44	36.49	146.328		
4,100.00	4,007.15	3,966.02	3,965.88	21.01	17.06	128.49	-2,303.07	-4,296.84	5,353.99	5,316.58	37.40	143.146		
4,200.00	4,104.46	4,064.87	4,064.73	21.53	17.48	128.68	-2,303.14	-4,297.34	5,369.08	5,330.76	38.32	140.115		
4,300.00	4,201.78	4,163.70	4,163.56	22.06	17.89	128.87	-2,303.14	-4,297.83	5,384.20	5,344.97	39.24	137.226		
4,400.00	4,299.09	4,268.44	4,268.30	22.59	18.33	129.08	-2,303.00	-4,298.32	5,399.32	5,359.14	40.18	134.375		
4,500.00	4,396.40	4,372.07	4,371.92	23.12	18.77	129.28	-2,302.48	-4,298.78	5,414.34	5,373.22	41.12	131.670		
4,600.00	4,493.72	4,468.24	4,468.09	23.65	19.17	129.47	-2,301.76	-4,299.23	5,429.38	5,387.35	42.02	129.194		
4,700.00	4,591.03	4,544.47	4,544.32	24.18	19.49	129.63	-2,301.17	-4,299.71	5,444.63	5,401.79	42.84	127.106		
4,800.00	4,688.34	4,620.33	4,620.17	24.71	19.81	129.78	-2,300.48	-4,300.67	5,460.44	5,416.80	43.64	125.117		
4,900.00	4,785.66	4,735.22	4,735.05	25.24	20.30	130.01	-2,299.35	-4,302.05	5,476.25	5,431.61	44.64	122.684		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,882.97	4,848.03	4,847.85	25.77	20.78	130.23	-2,298.32	-4,303.07	5,491.88	5,446.26	45.62	120.379		
5,100.00	4,980.29	4,949.14	4,948.95	26.30	21.20	130.42	-2,298.62	-4,303.25	5,507.29	5,460.74	46.55	118.308		
5,200.00	5,077.60	5,031.57	5,031.38	26.83	21.55	130.56	-2,299.41	-4,303.36	5,522.91	5,475.52	47.39	116.541		
5,300.00	5,174.91	5,112.25	5,112.06	27.36	21.89	130.71	-2,300.13	-4,303.76	5,538.89	5,490.67	48.22	114.866		
5,400.00	5,272.23	5,210.02	5,209.82	27.89	22.31	130.88	-2,300.60	-4,304.51	5,555.04	5,505.91	49.13	113.059		
5,500.00	5,369.54	5,300.34	5,300.14	28.42	22.69	131.05	-2,300.94	-4,305.29	5,571.31	5,521.30	50.01	111.402		
5,600.00	5,466.86	5,440.90	5,440.70	28.95	23.28	131.29	-2,301.69	-4,305.72	5,587.09	5,535.96	51.13	109.265		
5,700.00	5,564.17	5,538.23	5,538.02	29.48	23.70	131.45	-2,303.11	-4,305.55	5,602.81	5,550.77	52.05	107.653		
5,800.00	5,661.48	5,639.49	5,639.26	30.01	24.13	131.62	-2,304.69	-4,305.16	5,618.42	5,565.45	52.98	106.056		
5,900.00	5,758.80	5,717.83	5,717.59	30.54	24.46	131.74	-2,305.76	-4,305.04	5,634.24	5,580.45	53.79	104.737		
6,000.00	5,856.11	5,781.64	5,781.39	31.07	24.73	131.85	-2,306.66	-4,305.28	5,650.60	5,596.06	54.54	103.606		
6,100.00	5,953.43	5,875.74	5,875.48	31.61	25.13	132.01	-2,307.84	-4,306.08	5,667.39	5,611.96	55.43	102.236		
6,200.00	6,050.74	6,007.17	6,006.91	32.14	25.69	132.23	-2,308.33	-4,307.12	5,683.94	5,627.42	56.52	100.573		
6,300.00	6,148.05	6,136.86	6,136.60	32.67	26.24	132.46	-2,308.29	-4,307.38	5,699.84	5,642.26	57.59	98.980		
6,400.00	6,245.37	6,237.50	6,237.24	33.20	26.66	132.63	-2,308.53	-4,307.21	5,715.54	5,657.03	58.51	97.681		
6,500.00	6,342.68	6,332.61	6,332.34	33.73	27.06	132.79	-2,308.99	-4,306.99	5,731.31	5,671.90	59.41	96.468		
6,520.81	6,362.93	6,352.88	6,352.61	33.85	27.15	132.82	-2,309.10	-4,306.95	5,734.60	5,675.00	59.60	96.217		
6,550.00	6,391.46	6,381.44	6,381.18	34.00	27.27	126.66	-2,309.25	-4,306.89	5,738.59	5,678.73	59.86	95.861		
6,600.00	6,440.79	6,430.81	6,430.55	34.23	27.48	107.92	-2,309.51	-4,306.78	5,742.51	5,682.21	60.30	95.229		
6,650.00	6,490.44	6,480.49	6,480.23	34.43	27.69	72.80	-2,309.77	-4,306.66	5,742.72	5,682.00	60.72	94.580		
6,700.00	6,540.10	6,530.17	6,529.91	34.60	27.90	36.59	-2,310.04	-4,306.55	5,739.21	5,678.11	61.10	93.924		
6,750.00	6,589.46	6,579.55	6,579.28	34.76	28.11	16.55	-2,310.30	-4,306.44	5,732.01	5,670.55	61.47	93.255		
6,800.00	6,638.22	6,628.32	6,628.05	34.92	28.32	6.17	-2,310.56	-4,306.33	5,721.16	5,659.35	61.81	92.564		
6,850.00	6,686.09	6,676.17	6,675.90	35.07	28.52	0.02	-2,310.81	-4,306.23	5,706.72	5,644.59	62.13	91.848		
6,900.00	6,732.75	6,722.82	6,722.55	35.24	28.72	-4.17	-2,311.06	-4,306.12	5,688.79	5,626.35	62.44	91.107		
6,950.00	6,777.94	6,767.98	6,767.71	35.42	28.91	-7.38	-2,311.30	-4,306.02	5,667.47	5,604.73	62.73	90.343		
7,000.00	6,821.36	6,811.36	6,811.09	35.61	29.10	-10.09	-2,311.53	-4,305.93	5,642.89	5,579.88	63.01	89.557		
7,050.00	6,862.75	6,852.71	6,852.44	35.83	29.27	-12.59	-2,311.75	-4,305.83	5,615.22	5,551.95	63.27	88.750		
7,100.00	6,901.85	6,891.76	6,891.49	36.06	29.44	-15.07	-2,311.96	-4,305.75	5,584.62	5,521.10	63.51	87.926		
7,150.00	6,938.43	6,928.28	6,928.00	36.32	29.60	-17.68	-2,312.15	-4,305.66	5,551.28	5,487.54	63.74	87.086		
7,200.00	6,972.26	6,962.03	6,961.76	36.61	29.74	-20.56	-2,312.33	-4,305.59	5,515.43	5,451.47	63.96	86.231		
7,250.00	7,003.13	6,992.82	6,992.55	36.93	29.87	-23.87	-2,312.49	-4,305.52	5,477.27	5,413.11	64.16	85.365		
7,300.00	7,030.85	7,020.45	7,020.18	37.29	29.99	-27.79	-2,312.64	-4,305.46	5,437.07	5,372.72	64.35	84.488		
7,350.00	7,055.25	7,044.76	7,044.48	37.68	30.09	-32.54	-2,312.77	-4,305.40	5,395.06	5,330.53	64.53	83.603		
7,400.00	7,076.17	7,065.58	7,065.31	38.12	30.18	-38.40	-2,312.88	-4,305.36	5,351.52	5,286.82	64.70	82.713		
7,450.00	7,093.50	7,082.80	7,082.53	38.60	30.25	-45.68	-2,312.97	-4,305.32	5,306.72	5,241.87	64.86	81.819		
7,500.00	7,107.11	7,096.31	7,096.03	39.11	30.31	-54.64	-2,313.04	-4,305.29	5,260.95	5,195.94	65.01	80.925		
7,550.00	7,116.94	7,106.02	7,105.74	39.66	30.35	-65.33	-2,313.10	-4,305.27	5,214.49	5,149.34	65.15	80.033		
7,600.00	7,122.91	7,111.87	7,111.60	40.24	30.38	-77.33	-2,313.13	-4,305.25	5,167.64	5,102.35	65.29	79.146		
7,650.18	7,125.00	7,113.84	7,113.56	40.85	30.38	-89.71	-2,313.14	-4,305.25	5,120.53	5,055.10	65.43	78.265		
7,700.00	7,125.12	7,113.83	7,113.56	41.48	30.38	-89.71	-2,313.14	-4,305.25	5,073.83	5,008.27	65.56	77.390		
7,800.00	7,125.36	7,113.83	7,113.55	42.88	30.38	-89.71	-2,313.14	-4,305.25	4,980.28	4,914.41	65.87	75.609		
7,900.00	7,125.60	7,113.82	7,113.54	44.42	30.38	-89.71	-2,313.14	-4,305.25	4,886.99	4,820.76	66.23	73.793		
8,000.00	7,125.84	7,113.81	7,113.54	46.10	30.38	-89.71	-2,313.14	-4,305.25	4,793.96	4,727.33	66.63	71.945		
8,100.00	7,126.08	7,113.81	7,113.53	47.89	30.38	-89.71	-2,313.14	-4,305.25	4,701.23	4,634.13	67.10	70.064		
8,200.00	7,126.32	7,113.80	7,113.53	49.79	30.38	-89.71	-2,313.14	-4,305.25	4,608.79	4,541.17	67.62	68.153		
8,300.00	7,126.56	7,113.80	7,113.52	51.79	30.38	-89.71	-2,313.14	-4,305.25	4,516.68	4,448.47	68.21	66.213		
8,400.00	7,126.80	7,113.79	7,113.51	53.86	30.38	-89.71	-2,313.14	-4,305.25	4,424.92	4,356.04	68.87	64.248		
8,500.00	7,127.04	7,113.78	7,113.51	56.00	30.38	-89.71	-2,313.14	-4,305.25	4,333.51	4,263.91	69.60	62.259		
8,600.00	7,127.28	7,113.78	7,113.50	58.21	30.38	-89.71	-2,313.14	-4,305.25	4,242.49	4,172.08	70.41	60.251		
8,689.38	7,127.49	7,113.77	7,113.50	60.24	30.38	-89.71	-2,313.14	-4,305.25	4,161.49	4,090.28	71.21	58.443		
8,700.00	7,127.52	7,113.77	7,113.50	60.48	30.38	-89.71	-2,313.14	-4,305.25	4,151.88	4,080.58	71.30	58.228		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	7,113.78	7,113.50	62.79	30.38	-89.68	-2,313.14	-4,305.25	4,060.82	3,988.59	72.24	56.216		
8,841.07	7,127.85	7,113.78	7,113.51	63.74	30.38	-89.67	-2,313.14	-4,305.25	4,023.13	3,950.51	72.62	55.398		
8,900.00	7,128.00	7,113.80	7,113.52	65.12	30.38	-89.67	-2,313.14	-4,305.25	3,968.99	3,895.80	73.19	54.231		
9,000.00	7,128.23	7,113.82	7,113.54	67.50	30.38	-89.67	-2,313.14	-4,305.25	3,877.44	3,803.23	74.21	52.248		
9,100.00	7,128.47	7,113.84	7,113.56	69.91	30.38	-89.67	-2,313.14	-4,305.25	3,786.33	3,711.00	75.33	50.266		
9,200.00	7,128.71	7,113.86	7,113.59	72.35	30.38	-89.67	-2,313.14	-4,305.25	3,695.67	3,619.13	76.53	48.289		
9,300.00	7,128.95	7,113.88	7,113.61	74.83	30.38	-89.67	-2,313.14	-4,305.25	3,605.50	3,527.66	77.84	46.321		
9,400.00	7,129.19	7,113.90	7,113.63	77.33	30.39	-89.67	-2,313.14	-4,305.25	3,515.87	3,436.62	79.25	44.366		
9,500.00	7,129.43	7,113.93	7,113.65	79.86	30.39	-89.67	-2,313.14	-4,305.25	3,426.81	3,346.04	80.77	42.427		
9,600.00	7,129.67	7,113.95	7,113.67	82.41	30.39	-89.67	-2,313.14	-4,305.25	3,338.37	3,255.96	82.41	40.509		
9,700.00	7,129.91	7,113.97	7,113.69	84.97	30.39	-89.67	-2,313.14	-4,305.25	3,250.59	3,166.42	84.18	38.617		
9,800.00	7,130.15	7,113.99	7,113.71	87.56	30.39	-89.67	-2,313.14	-4,305.25	3,163.55	3,077.48	86.07	36.754		
9,900.00	7,130.39	7,114.01	7,113.74	90.16	30.39	-89.67	-2,313.14	-4,305.25	3,077.29	2,989.18	88.11	34.925		
10,000.00	7,130.63	7,114.03	7,113.76	92.78	30.39	-89.67	-2,313.14	-4,305.25	2,991.89	2,901.60	90.30	33.134		
10,100.00	7,130.87	7,114.06	7,113.78	95.41	30.39	-89.68	-2,313.14	-4,305.25	2,907.42	2,814.78	92.64	31.384		
10,200.00	7,131.11	7,114.08	7,113.80	98.06	30.39	-89.68	-2,313.14	-4,305.25	2,823.97	2,728.82	95.15	29.680		
10,300.00	7,131.35	7,114.10	7,113.82	100.71	30.39	-89.68	-2,313.14	-4,305.25	2,741.62	2,643.79	97.83	28.026		
10,400.00	7,131.59	7,114.12	7,113.84	103.38	30.39	-89.68	-2,313.14	-4,305.25	2,660.48	2,559.79	100.69	26.423		
10,500.00	7,131.83	7,114.14	7,113.87	106.06	30.39	-89.68	-2,313.14	-4,305.25	2,580.67	2,476.93	103.74	24.877		
10,600.00	7,132.07	7,114.16	7,113.89	108.74	30.39	-89.68	-2,313.14	-4,305.25	2,502.30	2,395.32	106.99	23.389		
10,700.00	7,132.31	7,114.18	7,113.91	111.44	30.39	-89.68	-2,313.14	-4,305.25	2,425.53	2,315.10	110.44	21.963		
10,800.00	7,132.55	7,114.21	7,113.93	114.14	30.39	-89.68	-2,313.14	-4,305.25	2,350.51	2,236.41	114.10	20.601		
10,900.00	7,132.79	7,114.23	7,113.95	116.85	30.39	-89.68	-2,313.14	-4,305.25	2,277.41	2,159.43	117.98	19.304		
11,000.00	7,133.03	7,114.25	7,113.97	119.57	30.39	-89.68	-2,313.14	-4,305.25	2,206.41	2,084.35	122.07	18.076		
11,100.00	7,133.27	7,114.27	7,113.99	122.29	30.39	-89.68	-2,313.14	-4,305.25	2,137.74	2,011.37	126.37	16.917		
11,200.00	7,133.51	7,114.29	7,114.02	125.02	30.39	-89.68	-2,313.14	-4,305.25	2,071.62	1,940.74	130.88	15.828		
11,300.00	7,133.74	7,114.31	7,114.04	127.76	30.39	-89.68	-2,313.14	-4,305.25	2,008.31	1,872.72	135.59	14.812		
11,400.00	7,133.98	7,114.33	7,114.06	130.50	30.39	-89.69	-2,313.14	-4,305.25	1,948.07	1,807.61	140.47	13.868		
11,500.00	7,134.22	7,114.36	7,114.08	133.24	30.39	-89.69	-2,313.14	-4,305.25	1,891.21	1,745.71	145.50	12.998		
11,600.00	7,134.46	7,114.38	7,114.10	135.99	30.39	-89.69	-2,313.14	-4,305.25	1,838.03	1,687.39	150.64	12.201		
11,700.00	7,134.70	7,114.40	7,114.12	138.75	30.39	-89.69	-2,313.14	-4,305.25	1,788.87	1,633.01	155.86	11.478		
11,800.00	7,134.94	7,114.42	7,114.14	141.51	30.39	-89.69	-2,313.14	-4,305.25	1,744.06	1,582.98	161.08	10.828		
11,900.00	7,135.18	7,114.44	7,114.17	144.27	30.39	-89.69	-2,313.14	-4,305.25	1,703.94	1,537.70	166.24	10.250		
12,000.00	7,135.42	7,114.46	7,114.19	147.03	30.39	-89.69	-2,313.14	-4,305.25	1,668.86	1,497.60	171.26	9.745		
12,100.00	7,135.66	7,114.49	7,114.21	149.80	30.39	-89.69	-2,313.14	-4,305.25	1,639.14	1,463.08	176.06	9.310		
12,200.00	7,135.90	7,114.51	7,114.23	152.58	30.39	-89.69	-2,313.14	-4,305.25	1,615.08	1,434.53	180.55	8.945		
12,300.00	7,136.14	7,114.53	7,114.25	155.35	30.39	-89.69	-2,313.14	-4,305.25	1,596.92	1,412.28	184.64	8.649		
12,400.00	7,136.38	7,114.55	7,114.27	158.13	30.39	-89.69	-2,313.14	-4,305.25	1,584.88	1,396.63	188.25	8.419		
12,500.00	7,136.62	7,114.57	7,114.30	160.91	30.39	-89.69	-2,313.14	-4,305.25	1,579.09	1,387.79	191.30	8.254		
12,541.58	7,136.72	7,114.58	7,114.30	162.07	30.39	-89.69	-2,313.14	-4,305.25	1,578.54	1,386.14	192.40	8.205 CC		
12,600.00	7,136.86	7,114.59	7,114.32	163.70	30.39	-89.70	-2,313.14	-4,305.25	1,579.62	1,385.86	193.76	8.153 ES		
12,700.00	7,137.10	7,114.61	7,114.34	166.48	30.39	-89.70	-2,313.14	-4,305.25	1,586.47	1,390.89	195.58	8.111 SF		
12,800.00	7,137.34	7,114.64	7,114.36	169.27	30.39	-89.70	-2,313.14	-4,305.25	1,599.55	1,402.78	196.77	8.129		
12,900.00	7,137.58	7,114.66	7,114.38	172.06	30.39	-89.70	-2,313.14	-4,305.25	1,618.72	1,421.38	197.34	8.203		
13,000.00	7,137.82	7,114.68	7,114.40	174.86	30.39	-89.70	-2,313.14	-4,305.25	1,643.76	1,446.43	197.33	8.330		
13,100.00	7,138.06	7,114.70	7,114.42	177.65	30.39	-89.70	-2,313.14	-4,305.25	1,674.40	1,477.62	196.78	8.509		
13,200.00	7,138.30	7,114.72	7,114.45	180.45	30.39	-89.70	-2,313.14	-4,305.25	1,710.35	1,514.59	195.76	8.737		
13,300.00	7,138.54	7,114.74	7,114.47	183.25	30.39	-89.70	-2,313.14	-4,305.25	1,751.28	1,556.94	194.35	9.011		
13,400.00	7,138.78	7,114.76	7,114.49	186.05	30.39	-89.70	-2,313.14	-4,305.25	1,796.85	1,604.26	192.59	9.330		
13,500.00	7,139.02	7,114.79	7,114.51	188.85	30.39	-89.70	-2,313.14	-4,305.25	1,846.72	1,656.14	190.57	9.690		
13,600.00	7,139.25	7,114.81	7,114.53	191.65	30.39	-89.70	-2,313.14	-4,305.25	1,900.54	1,712.19	188.35	10.090		
13,700.00	7,139.49	7,114.83	7,114.55	194.46	30.39	-89.70	-2,313.14	-4,305.25	1,957.99	1,772.01	185.98	10.528		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,139.73	7,114.85	7,114.57	197.27	30.39	-89.70	-2,313.14	-4,305.25	2,018.77	1,835.26	183.51	11.001		
13,900.00	7,139.97	7,114.87	7,114.60	200.08	30.39	-89.71	-2,313.14	-4,305.25	2,082.57	1,901.59	180.98	11.507		
14,000.00	7,140.21	7,114.89	7,114.62	202.89	30.39	-89.71	-2,313.14	-4,305.25	2,149.14	1,970.71	178.42	12.045		
14,100.00	7,140.45	7,114.92	7,114.64	205.70	30.39	-89.71	-2,313.14	-4,305.25	2,218.21	2,042.34	175.87	12.613		
14,200.00	7,140.69	7,114.94	7,114.66	208.51	30.39	-89.71	-2,313.14	-4,305.25	2,289.57	2,116.23	173.35	13.208		
14,300.00	7,140.93	7,114.96	7,114.68	211.32	30.39	-89.71	-2,313.14	-4,305.25	2,363.01	2,192.15	170.86	13.830		
14,400.00	7,141.17	7,114.98	7,114.70	214.14	30.39	-89.71	-2,313.14	-4,305.25	2,438.34	2,269.91	168.43	14.477		
14,500.00	7,141.41	7,115.00	7,114.73	216.95	30.39	-89.71	-2,313.14	-4,305.25	2,515.39	2,349.33	166.07	15.147		
14,600.00	7,141.65	7,115.02	7,114.75	219.77	30.39	-89.71	-2,313.14	-4,305.25	2,594.01	2,430.24	163.77	15.839		
14,700.00	7,141.89	7,115.04	7,114.77	222.59	30.39	-89.71	-2,313.14	-4,305.25	2,674.06	2,512.50	161.55	16.552		
14,800.00	7,142.13	7,115.07	7,114.79	225.41	30.39	-89.71	-2,313.14	-4,305.25	2,755.40	2,595.99	159.41	17.285		
14,900.00	7,142.37	7,115.09	7,114.81	228.23	30.39	-89.71	-2,313.14	-4,305.25	2,837.95	2,680.60	157.35	18.036		
15,000.00	7,142.61	7,115.11	7,114.83	231.05	30.39	-89.71	-2,313.14	-4,305.25	2,921.58	2,766.21	155.37	18.804		
15,100.00	7,142.85	7,115.13	7,114.85	233.87	30.39	-89.71	-2,313.14	-4,305.25	3,006.21	2,852.75	153.46	19.589		
15,200.00	7,143.09	7,115.15	7,114.88	236.69	30.39	-89.72	-2,313.14	-4,305.25	3,091.76	2,940.13	151.63	20.390		
15,300.00	7,143.33	7,115.17	7,114.90	239.52	30.39	-89.72	-2,313.14	-4,305.25	3,178.16	3,028.28	149.88	21.205		
15,400.00	7,143.57	7,115.19	7,114.92	242.34	30.39	-89.72	-2,313.14	-4,305.25	3,265.33	3,117.13	148.20	22.034		
15,500.00	7,143.81	7,115.22	7,114.94	245.17	30.39	-89.72	-2,313.14	-4,305.25	3,353.21	3,206.63	146.58	22.876		
15,600.00	7,144.05	7,115.24	7,114.96	247.99	30.39	-89.72	-2,313.14	-4,305.25	3,441.76	3,296.72	145.04	23.730		
15,700.00	7,144.29	7,115.26	7,114.98	250.82	30.39	-89.72	-2,313.14	-4,305.25	3,530.92	3,387.36	143.56	24.596		
15,800.00	7,144.53	7,115.28	7,115.00	253.64	30.39	-89.72	-2,313.14	-4,305.25	3,620.65	3,478.51	142.14	25.472		
15,900.00	7,144.76	7,115.30	7,115.03	256.47	30.39	-89.72	-2,313.14	-4,305.25	3,710.90	3,570.12	140.78	26.359		
16,000.00	7,145.00	7,115.32	7,115.05	259.30	30.39	-89.72	-2,313.14	-4,305.25	3,801.64	3,662.16	139.48	27.256		
16,100.00	7,145.24	7,115.35	7,115.07	262.13	30.39	-89.72	-2,313.14	-4,305.25	3,892.83	3,754.60	138.23	28.162		
16,200.00	7,145.48	7,115.37	7,115.09	264.96	30.39	-89.72	-2,313.14	-4,305.25	3,984.45	3,847.42	137.03	29.077		
16,300.00	7,145.72	7,115.39	7,115.11	267.79	30.39	-89.72	-2,313.14	-4,305.25	4,076.46	3,940.57	135.88	29.999		
16,400.00	7,145.96	7,115.41	7,115.13	270.62	30.39	-89.72	-2,313.14	-4,305.25	4,168.84	4,034.05	134.78	30.930		
16,500.00	7,146.20	7,115.43	7,115.16	273.45	30.39	-89.73	-2,313.15	-4,305.25	4,261.56	4,127.83	133.73	31.868		
16,600.00	7,146.44	7,115.45	7,115.18	276.28	30.39	-89.73	-2,313.15	-4,305.25	4,354.60	4,221.89	132.71	32.812		
16,700.00	7,146.68	7,115.47	7,115.20	279.12	30.39	-89.73	-2,313.15	-4,305.25	4,447.95	4,316.21	131.74	33.764		
16,800.00	7,146.92	7,115.50	7,115.22	281.95	30.39	-89.73	-2,313.15	-4,305.25	4,541.58	4,410.78	130.80	34.721		
16,900.00	7,147.16	7,115.52	7,115.24	284.78	30.39	-89.73	-2,313.15	-4,305.25	4,635.47	4,505.57	129.90	35.684		
17,000.00	7,147.40	7,115.54	7,115.26	287.62	30.39	-89.73	-2,313.15	-4,305.25	4,729.62	4,600.58	129.04	36.652		
17,100.00	7,147.64	7,115.56	7,115.28	290.45	30.39	-89.73	-2,313.15	-4,305.25	4,824.00	4,695.79	128.21	37.626		
17,200.00	7,147.88	7,115.58	7,115.31	293.28	30.39	-89.73	-2,313.15	-4,305.25	4,918.60	4,791.19	127.41	38.604		
17,300.00	7,148.12	7,115.60	7,115.33	296.12	30.39	-89.73	-2,313.15	-4,305.25	5,013.42	4,886.78	126.64	39.587		
17,400.00	7,148.36	7,115.62	7,115.35	298.95	30.39	-89.73	-2,313.15	-4,305.25	5,108.43	4,982.53	125.90	40.574		
17,500.00	7,148.60	7,115.65	7,115.37	301.79	30.39	-89.73	-2,313.15	-4,305.25	5,203.63	5,078.44	125.19	41.565		
17,600.00	7,148.84	7,115.67	7,115.39	304.63	30.39	-89.73	-2,313.15	-4,305.25	5,299.00	5,174.50	124.51	42.560		
17,700.00	7,149.08	7,115.69	7,115.41	307.46	30.39	-89.73	-2,313.15	-4,305.25	5,394.54	5,270.70	123.85	43.559		
17,800.00	7,149.32	7,115.71	7,115.43	310.30	30.39	-89.74	-2,313.15	-4,305.25	5,490.24	5,367.03	123.21	44.560		
17,900.00	7,149.56	7,115.73	7,115.46	313.14	30.39	-89.74	-2,313.15	-4,305.25	5,586.10	5,463.50	122.60	45.565		
18,000.00	7,149.80	7,115.75	7,115.48	315.98	30.39	-89.74	-2,313.15	-4,305.25	5,682.09	5,560.08	122.01	46.572		
18,100.00	7,150.04	7,115.78	7,115.50	318.81	30.39	-89.74	-2,313.15	-4,305.25	5,778.22	5,656.78	121.44	47.583		
18,200.00	7,150.27	7,115.80	7,115.52	321.65	30.39	-89.74	-2,313.15	-4,305.25	5,874.48	5,753.59	120.89	48.595		
18,300.00	7,150.51	7,115.82	7,115.54	324.49	30.39	-89.74	-2,313.15	-4,305.25	5,970.86	5,850.51	120.36	49.610		
18,400.00	7,150.75	7,115.84	7,115.56	327.33	30.39	-89.74	-2,313.15	-4,305.25	6,067.36	5,947.52	119.84	50.627		
18,500.00	7,150.99	7,115.86	7,115.59	330.17	30.39	-89.74	-2,313.15	-4,305.25	6,163.97	6,044.62	119.35	51.646		
18,600.00	7,151.23	7,115.88	7,115.61	333.01	30.39	-89.74	-2,313.15	-4,305.25	6,260.69	6,141.82	118.87	52.667		
18,700.00	7,151.47	7,115.90	7,115.63	335.85	30.39	-89.74	-2,313.15	-4,305.25	6,357.51	6,239.10	118.41	53.689		
18,800.00	7,151.71	7,115.93	7,115.65	338.69	30.39	-89.74	-2,313.15	-4,305.25	6,454.43	6,336.46	117.97	54.713		
18,900.00	7,151.95	7,115.95	7,115.67	341.53	30.39	-89.74	-2,313.15	-4,305.25	6,551.44	6,433.90	117.54	55.739		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - KRISTY #1(PA) - OH - OH		Offset Site Error:		0.00 ft	
Survey Program:													100-GYRO-NS		Offset Well Error:		3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning				
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	+N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)						
18,920.23	7,152.00	7,115.95	7,115.68	342.10	30.39	-89.74	-2,313.15	-4,305.25	6,571.07	6,453.62	117.45	55.946						

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,500.00	7,129.43	11,976.00	7,279.28	79.86	107.53	-104.48	-1,313.63	-11,169.42	9,910.07	9,769.24	140.82	70.372		
9,600.00	7,129.67	11,976.00	7,279.28	82.41	107.53	-104.48	-1,313.63	-11,169.42	9,810.21	9,669.31	140.90	69.626		
9,700.00	7,129.91	11,976.00	7,279.28	84.97	107.53	-104.48	-1,313.63	-11,169.42	9,710.36	9,569.38	140.98	68.880		
9,800.00	7,130.15	11,976.00	7,279.28	87.56	107.53	-104.48	-1,313.63	-11,169.42	9,610.51	9,469.45	141.06	68.133		
9,900.00	7,130.39	11,976.00	7,279.28	90.16	107.53	-104.48	-1,313.63	-11,169.42	9,510.66	9,369.52	141.14	67.385		
10,000.00	7,130.63	11,976.00	7,279.28	92.78	107.53	-104.48	-1,313.63	-11,169.42	9,410.81	9,269.59	141.22	66.637		
10,100.00	7,130.87	11,976.00	7,279.28	95.41	107.53	-104.48	-1,313.63	-11,169.42	9,310.97	9,169.66	141.31	65.888		
10,200.00	7,131.11	11,976.00	7,279.28	98.06	107.53	-104.48	-1,313.63	-11,169.42	9,211.14	9,069.73	141.41	65.139		
10,300.00	7,131.35	11,976.00	7,279.28	100.71	107.53	-104.48	-1,313.63	-11,169.42	9,111.30	8,969.80	141.51	64.388		
10,400.00	7,131.59	11,976.00	7,279.28	103.38	107.53	-104.48	-1,313.63	-11,169.42	9,011.47	8,869.87	141.61	63.638		
10,500.00	7,131.83	11,976.00	7,279.28	106.06	107.53	-104.48	-1,313.63	-11,169.42	8,911.65	8,769.94	141.71	62.886		
10,600.00	7,132.07	11,976.00	7,279.28	108.74	107.53	-104.48	-1,313.63	-11,169.42	8,811.83	8,670.01	141.82	62.134		
10,700.00	7,132.31	11,976.00	7,279.28	111.44	107.53	-104.48	-1,313.63	-11,169.42	8,712.01	8,570.08	141.93	61.382		
10,800.00	7,132.55	11,976.00	7,279.28	114.14	107.53	-104.48	-1,313.63	-11,169.42	8,612.19	8,470.15	142.05	60.628		
10,900.00	7,132.79	11,976.00	7,279.28	116.85	107.53	-104.48	-1,313.63	-11,169.42	8,512.38	8,370.21	142.17	59.875		
11,000.00	7,133.03	11,976.00	7,279.28	119.57	107.53	-104.48	-1,313.63	-11,169.42	8,412.58	8,270.28	142.30	59.120		
11,100.00	7,133.27	11,976.00	7,279.28	122.29	107.53	-104.48	-1,313.63	-11,169.42	8,312.78	8,170.35	142.43	58.365		
11,200.00	7,133.51	11,976.00	7,279.28	125.02	107.53	-104.48	-1,313.63	-11,169.42	8,212.98	8,070.42	142.56	57.610		
11,300.00	7,133.74	11,976.00	7,279.28	127.76	107.53	-104.48	-1,313.63	-11,169.42	8,113.19	7,970.49	142.70	56.854		
11,400.00	7,133.98	11,976.00	7,279.28	130.50	107.53	-104.48	-1,313.63	-11,169.42	8,013.41	7,870.56	142.85	56.098		
11,500.00	7,134.22	11,976.00	7,279.28	133.24	107.53	-104.48	-1,313.63	-11,169.42	7,913.63	7,770.63	143.00	55.341		
11,600.00	7,134.46	11,976.00	7,279.28	135.99	107.53	-104.48	-1,313.63	-11,169.42	7,813.86	7,670.70	143.16	54.583		
11,700.00	7,134.70	11,976.00	7,279.28	138.75	107.53	-104.48	-1,313.63	-11,169.42	7,714.09	7,570.77	143.32	53.825		
11,800.00	7,134.94	11,976.00	7,279.28	141.51	107.53	-104.48	-1,313.63	-11,169.42	7,614.33	7,470.84	143.49	53.067		
11,900.00	7,135.18	11,976.00	7,279.28	144.27	107.53	-104.48	-1,313.63	-11,169.42	7,514.57	7,370.91	143.66	52.308		
12,000.00	7,135.42	11,976.00	7,279.28	147.03	107.53	-104.48	-1,313.63	-11,169.42	7,414.82	7,270.98	143.84	51.548		
12,100.00	7,135.66	11,976.00	7,279.28	149.80	107.53	-104.48	-1,313.63	-11,169.42	7,315.08	7,171.05	144.03	50.788		
12,200.00	7,135.90	11,976.00	7,279.28	152.58	107.53	-104.48	-1,313.63	-11,169.42	7,215.34	7,071.12	144.23	50.028		
12,300.00	7,136.14	11,976.00	7,279.28	155.35	107.53	-104.48	-1,313.63	-11,169.42	7,115.62	6,971.19	144.43	49.267		
12,400.00	7,136.38	11,976.00	7,279.28	158.13	107.53	-104.48	-1,313.63	-11,169.42	7,015.90	6,871.26	144.64	48.506		
12,500.00	7,136.62	11,976.00	7,279.28	160.91	107.53	-104.48	-1,313.63	-11,169.42	6,916.18	6,771.33	144.86	47.744		
12,600.00	7,136.86	11,976.00	7,279.28	163.70	107.53	-104.48	-1,313.63	-11,169.42	6,816.48	6,671.39	145.09	46.982		
12,700.00	7,137.10	11,976.00	7,279.28	166.48	107.53	-104.48	-1,313.63	-11,169.42	6,716.79	6,571.46	145.32	46.220		
12,800.00	7,137.34	11,976.00	7,279.28	169.27	107.53	-104.48	-1,313.63	-11,169.42	6,617.10	6,471.53	145.57	45.457		
12,900.00	7,137.58	11,976.00	7,279.28	172.06	107.53	-104.48	-1,313.63	-11,169.42	6,517.42	6,371.60	145.82	44.694		
13,000.00	7,137.82	11,976.00	7,279.28	174.86	107.53	-104.48	-1,313.63	-11,169.42	6,417.76	6,271.67	146.09	43.930		
13,100.00	7,138.06	11,976.00	7,279.28	177.65	107.53	-104.48	-1,313.63	-11,169.42	6,318.10	6,171.74	146.37	43.166		
13,200.00	7,138.30	11,976.00	7,279.28	180.45	107.53	-104.48	-1,313.63	-11,169.42	6,218.46	6,071.80	146.66	42.401		
13,300.00	7,138.54	11,976.00	7,279.28	183.25	107.53	-104.48	-1,313.63	-11,169.42	6,118.83	5,971.87	146.96	41.637		
13,400.00	7,138.78	11,976.00	7,279.28	186.05	107.53	-104.48	-1,313.63	-11,169.42	6,019.21	5,871.94	147.27	40.871		
13,500.00	7,139.02	11,976.00	7,279.28	188.85	107.53	-104.48	-1,313.63	-11,169.42	5,919.60	5,772.00	147.60	40.106		
13,600.00	7,139.25	11,976.00	7,279.28	191.65	107.53	-104.48	-1,313.63	-11,169.42	5,820.01	5,672.07	147.94	39.340		
13,700.00	7,139.49	11,976.00	7,279.28	194.46	107.53	-104.48	-1,313.63	-11,169.42	5,720.43	5,572.13	148.30	38.574		
13,800.00	7,139.73	11,976.00	7,279.28	197.27	107.53	-104.48	-1,313.63	-11,169.42	5,620.86	5,472.19	148.67	37.808		
13,900.00	7,139.97	11,976.00	7,279.28	200.08	107.53	-104.48	-1,313.63	-11,169.42	5,521.31	5,372.25	149.06	37.041		
14,000.00	7,140.21	11,976.00	7,279.28	202.89	107.53	-104.48	-1,313.63	-11,169.42	5,421.78	5,272.31	149.47	36.274		
14,100.00	7,140.45	11,976.00	7,279.28	205.70	107.53	-104.48	-1,313.63	-11,169.42	5,322.27	5,172.37	149.89	35.507		
14,200.00	7,140.69	14,200.00	7,279.52	208.51	154.85	-104.39	-1,317.87	-11,168.95	5,222.77	5,024.93	197.83	26.400		
14,300.00	7,140.93	14,300.00	7,278.97	211.32	156.98	-104.60	-1,307.94	-11,170.05	5,123.29	4,923.10	200.19	25.593		
14,400.00	7,141.17	11,969.10	7,278.89	214.14	107.38	-104.63	-1,306.79	-11,170.20	5,023.83	4,822.86	150.97	33.277		
14,500.00	7,141.41	11,946.20	7,277.62	216.95	106.90	-105.14	-1,284.06	-11,172.72	4,924.36	4,773.99	150.37	32.748		
14,600.00	7,141.65	11,925.16	7,276.51	219.77	106.45	-105.67	-1,263.17	-11,175.00	4,824.87	4,675.03	149.84	32.200		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 740-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,700.00	7,141.89	11,906.58	7,275.57	222.59	106.06	-106.18	-1,244.73	-11,176.96	4,725.35	4,575.94	149.42	31.625		
14,800.00	7,142.13	11,888.74	7,274.71	225.41	105.68	-106.71	-1,226.99	-11,178.81	4,625.82	4,476.81	149.01	31.043		
14,900.00	7,142.37	11,871.57	7,273.92	228.23	105.32	-107.26	-1,209.94	-11,180.57	4,526.27	4,377.64	148.63	30.454		
15,000.00	7,142.61	11,855.05	7,273.20	231.05	104.97	-107.85	-1,193.51	-11,182.22	4,426.71	4,278.45	148.26	29.857		
15,100.00	7,142.85	11,839.86	7,272.56	233.87	104.65	-108.43	-1,178.41	-11,183.72	4,327.14	4,179.18	147.96	29.246		
15,200.00	7,143.09	11,825.69	7,271.98	236.69	104.35	-109.01	-1,164.32	-11,185.10	4,227.56	4,079.86	147.70	28.623		
15,300.00	7,143.33	11,811.93	7,271.44	239.52	104.06	-109.62	-1,150.64	-11,186.42	4,127.96	3,980.52	147.44	27.997		
15,400.00	7,143.57	11,798.56	7,270.92	242.34	103.78	-110.26	-1,137.34	-11,187.69	4,028.36	3,881.16	147.20	27.366		
15,500.00	7,143.81	11,785.57	7,270.43	245.17	103.50	-110.93	-1,124.42	-11,188.91	3,928.75	3,781.77	146.98	26.730		
15,600.00	7,144.05	11,772.94	7,269.96	247.99	103.24	-111.63	-1,111.85	-11,190.08	3,829.13	3,682.37	146.76	26.091		
15,700.00	7,144.29	11,760.65	7,269.52	250.82	102.98	-112.36	-1,099.62	-11,191.20	3,729.51	3,582.96	146.55	25.448		
15,800.00	7,144.53	11,749.68	7,269.14	253.64	102.75	-113.06	-1,088.70	-11,192.19	3,629.88	3,483.46	146.42	24.792		
15,900.00	7,144.76	11,740.59	7,268.82	256.47	102.56	-113.67	-1,079.65	-11,193.01	3,530.25	3,383.86	146.39	24.115		
16,000.00	7,145.00	11,731.57	7,268.52	259.30	102.37	-114.32	-1,070.68	-11,193.81	3,430.62	3,284.24	146.37	23.438		
16,100.00	7,145.24	11,722.63	7,268.23	262.13	102.18	-115.00	-1,061.77	-11,194.61	3,330.99	3,184.63	146.36	22.759		
16,200.00	7,145.48	11,713.76	7,267.94	264.96	101.99	-115.71	-1,052.94	-11,195.40	3,231.36	3,085.01	146.34	22.081		
16,300.00	7,145.72	11,704.96	7,267.66	267.79	101.81	-116.47	-1,044.18	-11,196.18	3,131.73	2,985.39	146.34	21.401		
16,400.00	7,145.96	11,696.23	7,267.39	270.62	101.63	-117.26	-1,035.49	-11,196.95	3,032.10	2,885.77	146.33	20.721		
16,500.00	7,146.20	11,687.57	7,267.12	273.45	101.45	-118.10	-1,026.87	-11,197.71	2,932.48	2,786.15	146.33	20.040		
16,600.00	7,146.44	11,678.98	7,266.87	276.28	101.27	-118.98	-1,018.31	-11,198.46	2,832.86	2,686.52	146.34	19.359		
16,700.00	7,146.68	11,670.46	7,266.62	279.12	101.09	-119.91	-1,009.83	-11,199.20	2,733.24	2,586.90	146.35	18.677		
16,800.00	7,146.92	11,662.00	7,266.38	281.95	100.91	-120.90	-1,001.41	-11,199.94	2,633.63	2,487.27	146.36	17.994		
16,900.00	7,147.16	11,653.61	7,266.10	284.78	100.74	-121.93	-993.03	-11,200.61	2,534.01	2,387.64	146.37	17.311		
17,000.00	7,147.40	11,645.27	7,265.83	287.62	99.57	-133.92	-984.65	-11,201.28	2,434.39	2,288.02	146.38	16.628		
17,100.00	7,147.64	11,636.93	7,265.56	290.45	98.40	-145.91	-976.27	-11,201.95	2,334.77	2,188.40	146.39	15.945		
17,200.00	7,147.88	11,628.63	7,265.29	293.28	97.23	-158.90	-967.89	-11,202.62	2,235.15	2,088.78	146.40	15.262		
17,300.00	7,148.12	11,620.33	7,265.02	296.12	96.06	-171.89	-959.51	-11,203.29	2,135.53	1,989.16	146.41	14.579		
17,400.00	7,148.36	11,612.03	7,264.75	298.95	94.89	-184.88	-951.13	-11,203.96	2,035.91	1,889.54	146.42	13.896		
17,500.00	7,148.60	11,603.73	7,264.48	301.79	93.72	-197.87	-942.75	-11,204.63	1,936.29	1,789.92	146.43	13.213		
17,600.00	7,148.84	11,595.43	7,264.21	304.63	92.55	-210.86	-934.37	-11,205.30	1,836.67	1,690.30	146.44	12.530		
17,700.00	7,149.08	11,587.13	7,263.94	307.46	91.38	-223.85	-925.99	-11,205.97	1,737.05	1,590.68	146.45	11.847		
17,800.00	7,149.32	11,578.83	7,263.67	310.30	90.21	-236.84	-917.61	-11,206.64	1,637.43	1,491.06	146.46	11.164		
17,900.00	7,149.56	11,570.53	7,263.40	313.14	89.04	-249.83	-909.23	-11,207.31	1,537.81	1,391.44	146.47	10.481		
18,000.00	7,149.80	11,562.23	7,263.13	315.98	87.87	-262.82	-900.85	-11,207.98	1,438.19	1,291.82	146.48	9.798		
18,100.00	7,150.04	11,553.93	7,262.86	318.81	86.70	-275.81	-892.47	-11,208.65	1,338.57	1,192.20	146.49	9.115		
18,200.00	7,150.27	11,545.63	7,262.59	321.65	85.53	-288.80	-884.09	-11,209.32	1,238.95	1,092.58	146.50	8.432		
18,300.00	7,150.51	11,537.33	7,262.32	324.49	84.36	-301.79	-875.71	-11,210.00	1,139.33	992.96	146.51	7.749		
18,400.00	7,150.75	11,529.03	7,262.05	327.33	83.19	-314.78	-867.33	-11,210.67	1,039.71	893.34	146.52	7.066		
18,500.00	7,150.99	11,520.73	7,261.78	330.17	82.02	-327.77	-858.95	-11,211.34	940.09	793.72	146.53	6.383		
18,600.00	7,151.23	11,512.43	7,261.51	333.01	80.85	-340.76	-850.57	-11,212.01	840.47	694.10	146.54	5.700		
18,700.00	7,151.47	11,504.13	7,261.24	335.85	79.68	-353.75	-842.19	-11,212.68	740.85	594.48	146.55	5.017		
18,800.00	7,151.71	11,495.83	7,260.97	338.69	78.51	-366.74	-833.81	-11,213.35	641.23	494.86	146.56	4.334		
18,900.00	7,151.95	11,487.53	7,260.70	341.53	77.34	-379.73	-825.43	-11,214.02	541.61	395.24	146.57	3.651		
18,920.23	7,152.00	11,482.68	7,260.61	342.10	97.20	-170.44	-822.45	-11,210.66	526.23	376.58	149.65	3.516 CC, ES, SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,200.00	7,128.71	11,988.00	7,170.83	72.35	108.39	-92.91	-1,279.41	-10,864.27	9,901.92	9,761.73	140.19	70.632		
9,300.00	7,128.95	11,988.00	7,170.83	74.83	108.39	-92.91	-1,279.41	-10,864.27	9,802.04	9,661.79	140.25	69.888		
9,400.00	7,129.19	11,988.00	7,170.83	77.33	108.39	-92.91	-1,279.41	-10,864.27	9,702.16	9,561.84	140.32	69.144		
9,500.00	7,129.43	11,988.00	7,170.83	79.86	108.39	-92.91	-1,279.41	-10,864.27	9,602.29	9,461.90	140.39	68.399		
9,600.00	7,129.67	11,988.00	7,170.83	82.41	108.39	-92.91	-1,279.41	-10,864.27	9,502.41	9,361.96	140.46	67.653		
9,700.00	7,129.91	11,988.00	7,170.83	84.97	108.39	-92.91	-1,279.41	-10,864.27	9,402.54	9,262.01	140.53	66.906		
9,800.00	7,130.15	11,988.00	7,170.83	87.56	108.39	-92.91	-1,279.41	-10,864.27	9,302.68	9,162.07	140.61	66.159		
9,900.00	7,130.39	11,988.00	7,170.83	90.16	108.39	-92.91	-1,279.41	-10,864.27	9,202.81	9,062.12	140.69	65.411		
10,000.00	7,130.63	11,988.00	7,170.83	92.78	108.39	-92.91	-1,279.41	-10,864.27	9,102.95	8,962.17	140.78	64.663		
10,100.00	7,130.87	11,988.00	7,170.83	95.41	108.39	-92.91	-1,279.41	-10,864.27	9,003.09	8,862.23	140.86	63.914		
10,200.00	7,131.11	11,988.00	7,170.83	98.06	108.39	-92.91	-1,279.41	-10,864.27	8,903.24	8,762.28	140.95	63.164		
10,300.00	7,131.35	11,988.00	7,170.83	100.71	108.39	-92.91	-1,279.41	-10,864.27	8,803.38	8,662.34	141.05	62.414		
10,400.00	7,131.59	11,988.00	7,170.83	103.38	108.39	-92.91	-1,279.41	-10,864.27	8,703.53	8,562.39	141.15	61.663		
10,500.00	7,131.83	11,988.00	7,170.83	106.06	108.39	-92.91	-1,279.41	-10,864.27	8,603.69	8,462.44	141.25	60.912		
10,600.00	7,132.07	11,988.00	7,170.83	108.74	108.39	-92.91	-1,279.41	-10,864.27	8,503.85	8,362.49	141.35	60.160		
10,700.00	7,132.31	11,988.00	7,170.83	111.44	108.39	-92.91	-1,279.41	-10,864.27	8,404.01	8,262.55	141.46	59.408		
10,800.00	7,132.55	11,988.00	7,170.83	114.14	108.39	-92.91	-1,279.41	-10,864.27	8,304.18	8,162.60	141.58	58.654		
10,900.00	7,132.79	11,988.00	7,170.83	116.85	108.39	-92.91	-1,279.41	-10,864.27	8,204.35	8,062.65	141.70	57.901		
11,000.00	7,133.03	11,988.00	7,170.83	119.57	108.39	-92.91	-1,279.41	-10,864.27	8,104.52	7,962.70	141.82	57.147		
11,100.00	7,133.27	11,988.00	7,170.83	122.29	108.39	-92.91	-1,279.41	-10,864.27	8,004.70	7,862.75	141.95	56.392		
11,200.00	7,133.51	11,988.00	7,170.83	125.02	108.39	-92.91	-1,279.41	-10,864.27	7,904.88	7,762.80	142.08	55.637		
11,300.00	7,133.74	11,988.00	7,170.83	127.76	108.39	-92.91	-1,279.41	-10,864.27	7,805.07	7,662.85	142.22	54.881		
11,400.00	7,133.98	11,988.00	7,170.83	130.50	108.39	-92.91	-1,279.41	-10,864.27	7,705.26	7,562.90	142.36	54.125		
11,500.00	7,134.22	11,988.00	7,170.83	133.24	108.39	-92.91	-1,279.41	-10,864.27	7,605.46	7,462.95	142.51	53.368		
11,600.00	7,134.46	11,988.00	7,170.83	135.99	108.39	-92.91	-1,279.41	-10,864.27	7,505.66	7,363.00	142.66	52.611		
11,700.00	7,134.70	11,988.00	7,170.83	138.75	108.39	-92.91	-1,279.41	-10,864.27	7,405.87	7,263.05	142.82	51.853		
11,800.00	7,134.94	11,988.00	7,170.83	141.51	108.39	-92.91	-1,279.41	-10,864.27	7,306.08	7,163.09	142.99	51.095		
11,900.00	7,135.18	11,988.00	7,170.83	144.27	108.39	-92.91	-1,279.41	-10,864.27	7,206.30	7,063.14	143.16	50.336		
12,000.00	7,135.42	11,988.00	7,170.83	147.03	108.39	-92.91	-1,279.41	-10,864.27	7,106.53	6,963.19	143.34	49.577		
12,100.00	7,135.66	11,988.00	7,170.83	149.80	108.39	-92.91	-1,279.41	-10,864.27	7,006.76	6,863.23	143.53	48.818		
12,200.00	7,135.90	11,988.00	7,170.83	152.58	108.39	-92.91	-1,279.41	-10,864.27	6,907.00	6,763.28	143.72	48.058		
12,300.00	7,136.14	11,988.00	7,170.83	155.35	108.39	-92.91	-1,279.41	-10,864.27	6,807.25	6,663.32	143.92	47.297		
12,400.00	7,136.38	11,988.00	7,170.83	158.13	108.39	-92.91	-1,279.41	-10,864.27	6,707.50	6,563.37	144.13	46.536		
12,500.00	7,136.62	11,988.00	7,170.83	160.91	108.39	-92.91	-1,279.41	-10,864.27	6,607.76	6,463.41	144.35	45.775		
12,600.00	7,136.86	11,988.00	7,170.83	163.70	108.39	-92.91	-1,279.41	-10,864.27	6,508.03	6,363.45	144.58	45.013		
12,700.00	7,137.10	11,988.00	7,170.83	166.48	108.39	-92.91	-1,279.41	-10,864.27	6,408.31	6,263.49	144.82	44.251		
12,800.00	7,137.34	11,988.00	7,170.83	169.27	108.39	-92.91	-1,279.41	-10,864.27	6,308.60	6,163.54	145.06	43.489		
12,900.00	7,137.58	11,988.00	7,170.83	172.06	108.39	-92.91	-1,279.41	-10,864.27	6,208.89	6,063.57	145.32	42.726		
13,000.00	7,137.82	11,988.00	7,170.83	174.86	108.39	-92.91	-1,279.41	-10,864.27	6,109.20	5,963.61	145.59	41.962		
13,100.00	7,138.06	11,988.00	7,170.83	177.65	108.39	-92.91	-1,279.41	-10,864.27	6,009.52	5,863.65	145.87	41.199		
13,200.00	7,138.30	11,988.00	7,170.83	180.45	108.39	-92.91	-1,279.41	-10,864.27	5,909.84	5,763.68	146.16	40.435		
13,300.00	7,138.54	11,988.00	7,170.83	183.25	108.39	-92.91	-1,279.41	-10,864.27	5,810.18	5,663.72	146.46	39.670		
13,400.00	7,138.78	11,988.00	7,170.83	186.05	108.39	-92.91	-1,279.41	-10,864.27	5,710.53	5,563.75	146.78	38.905		
13,500.00	7,139.02	11,988.00	7,170.83	188.85	108.39	-92.91	-1,279.41	-10,864.27	5,610.89	5,463.78	147.11	38.140		
13,600.00	7,139.25	11,988.00	7,170.83	191.65	108.39	-92.91	-1,279.41	-10,864.27	5,511.26	5,363.80	147.46	37.375		
13,700.00	7,139.49	11,988.00	7,170.83	194.46	108.39	-92.91	-1,279.41	-10,864.27	5,411.65	5,263.83	147.82	36.609		
13,800.00	7,139.73	11,988.00	7,170.83	197.27	108.39	-92.91	-1,279.41	-10,864.27	5,312.06	5,163.85	148.21	35.842		
13,900.00	7,139.97	11,988.00	7,170.83	200.08	108.39	-92.91	-1,279.41	-10,864.27	5,212.48	5,063.87	148.61	35.076		
14,000.00	7,140.21	11,988.00	7,170.83	202.89	108.39	-92.91	-1,279.41	-10,864.27	5,112.91	4,963.89	149.02	34.309		
14,100.00	7,140.45	11,988.00	7,170.83	205.70	108.39	-92.91	-1,279.41	-10,864.27	5,013.36	4,863.90	149.46	33.542		
14,200.00	7,140.69	11,989.94	7,170.72	208.51	108.43	-92.89	-1,281.33	-10,864.06	4,913.83	4,763.81	150.02	32.755		
14,300.00	7,140.93	11,980.17	7,171.30	211.32	108.22	-93.01	-1,271.64	-10,865.11	4,814.32	4,664.29	150.03	32.089		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 725-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,400.00	7,141.17	11,970.40	7,171.88	214.14	108.01	-93.15	-1,261.94	-10,866.16	4,714.80	4,564.76	150.04	31.423		
14,500.00	7,141.41	14,500.00	7,174.65	216.95	161.66	-93.91	-1,211.92	-10,871.37	4,615.27	4,412.23	203.05	22.730		
14,600.00	7,141.65	14,600.00	7,175.10	219.77	163.79	-94.06	-1,203.07	-10,872.25	4,515.68	4,310.29	205.38	21.986		
14,700.00	7,141.89	11,937.21	7,173.84	222.59	107.31	-93.65	-1,229.00	-10,869.72	4,416.26	4,266.38	149.88	29.465		
14,800.00	7,142.13	11,890.69	7,176.34	225.41	106.33	-94.46	-1,182.80	-10,874.47	4,316.69	4,168.78	147.91	29.184		
14,900.00	7,142.37	11,851.60	7,178.11	228.23	105.51	-95.25	-1,143.92	-10,878.17	4,217.06	4,070.76	146.30	28.825		
15,000.00	7,142.61	11,833.39	7,178.82	231.05	105.13	-95.66	-1,125.79	-10,879.81	4,117.39	3,971.61	145.77	28.246		
15,100.00	7,142.85	11,818.97	7,179.34	233.87	104.83	-96.01	-1,111.44	-10,881.07	4,017.70	3,872.27	145.43	27.626		
15,200.00	7,143.09	11,805.12	7,179.79	236.69	104.54	-96.37	-1,097.65	-10,882.27	3,918.00	3,772.89	145.11	27.000		
15,300.00	7,143.33	11,791.80	7,180.19	239.52	104.26	-96.75	-1,084.39	-10,883.40	3,818.29	3,673.48	144.80	26.369		
15,400.00	7,143.57	11,778.99	7,180.53	242.34	103.99	-97.13	-1,071.62	-10,884.47	3,718.56	3,574.05	144.51	25.731		
15,500.00	7,143.81	11,766.65	7,180.82	245.17	103.73	-97.53	-1,059.33	-10,885.48	3,618.83	3,474.59	144.24	25.089		
15,600.00	7,144.05	11,754.77	7,181.08	247.99	103.49	-97.94	-1,047.49	-10,886.44	3,519.09	3,375.11	143.98	24.442		
15,700.00	7,144.29	11,745.52	7,181.25	250.82	103.29	-98.28	-1,038.27	-10,887.18	3,419.34	3,275.47	143.87	23.767		
15,800.00	7,144.53	11,737.47	7,181.38	253.64	103.13	-98.60	-1,030.25	-10,887.82	3,319.59	3,175.76	143.83	23.079		
15,900.00	7,144.76	11,729.49	7,181.49	256.47	102.96	-98.92	-1,022.29	-10,888.45	3,219.84	3,076.04	143.80	22.391		
16,000.00	7,145.00	11,721.57	7,181.58	259.30	102.80	-99.27	-1,014.40	-10,889.07	3,120.08	2,976.32	143.77	21.702		
16,100.00	7,145.24	11,713.72	7,181.65	262.13	102.63	-99.63	-1,006.57	-10,889.69	3,020.33	2,876.59	143.74	21.013		
16,200.00	7,145.48	11,705.93	7,181.70	264.96	102.47	-100.01	-998.81	-10,890.30	2,920.57	2,776.86	143.71	20.323		
16,300.00	7,145.72	11,698.21	7,181.74	267.79	102.31	-100.41	-991.11	-10,890.90	2,820.81	2,677.13	143.68	19.632		
16,400.00	7,145.96	11,690.56	7,181.75	270.62	102.15	-100.84	-983.48	-10,891.49	2,721.05	2,577.39	143.66	18.941		
16,500.00	7,146.20	11,682.96	7,181.74	273.45	102.00	-101.29	-975.91	-10,892.08	2,621.29	2,477.65	143.63	18.250		
16,600.00	7,146.44	11,675.44	7,181.72	276.28	101.84	-101.77	-968.40	-10,892.66	2,521.52	2,377.91	143.62	17.557		
16,700.00	7,146.68	11,667.97	7,181.68	279.12	101.68	-102.28	-960.96	-10,893.23	2,421.76	2,278.16	143.60	16.865		
16,800.00	7,146.92	11,660.56	7,181.62	281.95	101.53	-102.83	-953.57	-10,893.80	2,321.99	2,178.41	143.58	16.172		
16,900.00	7,147.16	11,653.22	7,181.55	284.78	101.38	-103.42	-946.25	-10,894.36	2,222.22	2,078.65	143.57	15.478		
17,000.00	7,147.40	11,645.96	7,181.47	287.62	101.23	-104.06	-939.01	-10,894.91	2,122.45	1,978.89	143.57	14.784		
17,100.00	7,147.64	11,638.75	7,181.37	290.45	101.08	-104.75	-931.83	-10,895.46	2,022.68	1,879.12	143.56	14.089		
17,200.00	7,147.88	11,631.61	7,181.27	293.28	100.93	-105.50	-924.71	-10,896.00	1,922.91	1,779.35	143.56	13.394		
17,300.00	7,148.12	11,624.52	7,181.15	296.12	100.78	-106.33	-917.64	-10,896.53	1,823.14	1,679.57	143.57	12.699		
17,400.00	7,148.36	11,617.49	7,181.02	298.95	100.64	-107.24	-910.63	-10,897.06	1,723.37	1,579.80	143.57	12.003		
17,500.00	7,148.60	11,610.52	7,180.89	301.79	100.50	-108.24	-903.68	-10,897.58	1,623.60	1,480.01	143.59	11.307		
17,600.00	7,148.84	11,603.60	7,180.74	304.63	100.35	-109.36	-896.78	-10,898.09	1,523.83	1,380.22	143.61	10.611		
17,700.00	7,149.08	11,596.74	7,180.59	307.46	100.21	-110.62	-889.94	-10,898.60	1,424.06	1,280.43	143.63	9.915		
17,800.00	7,149.32	11,589.93	7,180.42	310.30	100.07	-112.04	-883.15	-10,899.11	1,324.29	1,180.63	143.66	9.218		
17,900.00	7,149.56	11,583.17	7,180.25	313.14	99.93	-113.65	-876.42	-10,899.60	1,224.53	1,080.82	143.70	8.521		
18,000.00	7,149.80	11,576.47	7,180.07	315.98	99.79	-115.49	-869.73	-10,900.10	1,124.77	981.01	143.76	7.824		
18,100.00	7,150.04	11,569.82	7,179.88	318.81	99.65	-117.63	-863.11	-10,900.58	1,025.01	881.19	143.82	7.127		
18,200.00	7,150.27	11,563.23	7,179.68	321.65	99.52	-120.12	-856.53	-10,901.06	925.26	781.35	143.91	6.430		
18,300.00	7,150.51	11,556.67	7,179.49	324.49	99.39	-122.92	-850.30	-10,901.52	825.52	681.43	144.09	5.729		
18,400.00	7,150.75	11,550.07	7,179.31	327.33	99.27	-126.11	-844.31	-10,901.96	725.81	581.42	144.38	5.027		
18,500.00	7,150.99	11,544.90	7,179.14	330.17	99.14	-129.98	-838.26	-10,902.40	626.12	481.38	144.74	4.326		
18,600.00	7,151.23	11,538.76	7,178.97	333.01	99.01	-134.71	-832.14	-10,902.86	526.47	381.27	145.20	3.626		
18,700.00	7,151.47	11,532.55	7,178.82	335.85	98.89	-140.53	-825.95	-10,903.32	426.90	281.06	145.84	2.927		
18,800.00	7,151.71	11,526.28	7,178.67	338.69	98.76	-147.67	-819.70	-10,903.78	327.47	180.61	146.86	2.230		
18,900.00	7,151.95	11,519.94	7,178.53	341.53	98.63	-156.34	-813.38	-10,904.26	228.35	79.55	148.80	1.535		
18,920.23	7,152.00	11,518.65	7,178.50	342.10	98.60	-158.28	-812.09	-10,904.35	208.38	58.94	149.44	1.394	Level 3, CC, ES, SF	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
9,400.00	7,129.19	11,116.00	7,108.35	77.33	93.28	78.57	-610.27	-11,123.28	9,944.42	9,820.84	123.58	80.468		
9,500.00	7,129.43	11,116.00	7,108.35	79.86	93.28	78.57	-610.27	-11,123.28	9,844.44	9,720.85	123.59	79.654		
9,600.00	7,129.67	11,116.00	7,108.35	82.41	93.28	78.57	-610.27	-11,123.28	9,744.46	9,620.86	123.60	78.840		
9,700.00	7,129.91	11,116.00	7,108.35	84.97	93.28	78.57	-610.27	-11,123.28	9,644.48	9,520.87	123.61	78.025		
9,800.00	7,130.15	11,116.00	7,108.35	87.56	93.28	78.57	-610.27	-11,123.28	9,544.50	9,420.88	123.62	77.209		
9,900.00	7,130.39	11,116.00	7,108.35	90.16	93.28	78.57	-610.27	-11,123.28	9,444.52	9,320.89	123.63	76.393		
10,000.00	7,130.63	11,116.00	7,108.35	92.78	93.28	78.57	-610.27	-11,123.28	9,344.54	9,220.90	123.64	75.577		
10,100.00	7,130.87	11,116.00	7,108.35	95.41	93.28	78.57	-610.27	-11,123.28	9,244.57	9,120.91	123.66	74.760		
10,200.00	7,131.11	11,116.00	7,108.35	98.06	93.28	78.57	-610.27	-11,123.28	9,144.59	9,020.92	123.67	73.943		
10,300.00	7,131.35	11,116.00	7,108.35	100.71	93.28	78.57	-610.27	-11,123.28	9,044.61	8,920.92	123.69	73.125		
10,400.00	7,131.59	11,116.00	7,108.35	103.38	93.28	78.57	-610.27	-11,123.28	8,944.63	8,820.93	123.70	72.307		
10,500.00	7,131.83	11,116.00	7,108.35	106.06	93.28	78.57	-610.27	-11,123.28	8,844.66	8,720.94	123.72	71.489		
10,600.00	7,132.07	11,116.00	7,108.35	108.74	93.28	78.57	-610.27	-11,123.28	8,744.68	8,620.94	123.74	70.670		
10,700.00	7,132.31	11,116.00	7,108.35	111.44	93.28	78.57	-610.27	-11,123.28	8,644.71	8,520.95	123.76	69.851		
10,800.00	7,132.55	11,116.00	7,108.35	114.14	93.28	78.57	-610.27	-11,123.28	8,544.73	8,420.95	123.78	69.032		
10,900.00	7,132.79	11,116.00	7,108.35	116.85	93.28	78.57	-610.27	-11,123.28	8,444.76	8,320.96	123.80	68.212		
11,000.00	7,133.03	11,116.00	7,108.35	119.57	93.28	78.57	-610.27	-11,123.28	8,344.79	8,220.96	123.82	67.392		
11,100.00	7,133.27	11,116.00	7,108.35	122.29	93.28	78.57	-610.27	-11,123.28	8,244.82	8,120.97	123.85	66.572		
11,200.00	7,133.51	11,116.00	7,108.35	125.02	93.28	78.57	-610.27	-11,123.28	8,144.84	8,020.97	123.87	65.751		
11,300.00	7,133.74	11,116.00	7,108.35	127.76	93.28	78.57	-610.27	-11,123.28	8,044.87	7,920.97	123.90	64.931		
11,400.00	7,133.98	11,116.00	7,108.35	130.50	93.28	78.57	-610.27	-11,123.28	7,944.90	7,820.98	123.93	64.110		
11,500.00	7,134.22	11,116.00	7,108.35	133.24	93.28	78.57	-610.27	-11,123.28	7,844.93	7,720.98	123.95	63.289		
11,600.00	7,134.46	11,116.00	7,108.35	135.99	93.28	78.57	-610.27	-11,123.28	7,744.96	7,620.98	123.98	62.467		
11,700.00	7,134.70	11,116.00	7,108.35	138.75	93.28	78.57	-610.27	-11,123.28	7,645.00	7,520.98	124.01	61.646		
11,800.00	7,134.94	11,116.00	7,108.35	141.51	93.28	78.57	-610.27	-11,123.28	7,545.03	7,420.98	124.05	60.824		
11,900.00	7,135.18	11,116.00	7,108.35	144.27	93.28	78.57	-610.27	-11,123.28	7,445.06	7,320.98	124.08	60.003		
12,000.00	7,135.42	11,116.00	7,108.35	147.03	93.28	78.57	-610.27	-11,123.28	7,345.10	7,220.99	124.11	59.181		
12,100.00	7,135.66	11,116.00	7,108.35	149.80	93.28	78.57	-610.27	-11,123.28	7,245.13	7,120.99	124.15	58.359		
12,200.00	7,135.90	11,116.00	7,108.35	152.58	93.28	78.57	-610.27	-11,123.28	7,145.17	7,020.99	124.18	57.537		
12,300.00	7,136.14	11,116.00	7,108.35	155.35	93.28	78.57	-610.27	-11,123.28	7,045.21	6,920.99	124.22	56.715		
12,400.00	7,136.38	11,116.00	7,108.35	158.13	93.28	78.57	-610.27	-11,123.28	6,945.25	6,820.99	124.26	55.893		
12,500.00	7,136.62	11,116.00	7,108.35	160.91	93.28	78.57	-610.27	-11,123.28	6,845.29	6,720.99	124.30	55.071		
12,600.00	7,136.86	11,116.00	7,108.35	163.70	93.28	78.57	-610.27	-11,123.28	6,745.33	6,620.99	124.34	54.249		
12,700.00	7,137.10	11,116.00	7,108.35	166.48	93.28	78.57	-610.27	-11,123.28	6,645.37	6,520.99	124.38	53.426		
12,800.00	7,137.34	11,116.00	7,108.35	169.27	93.28	78.57	-610.27	-11,123.28	6,545.41	6,420.99	124.43	52.604		
12,900.00	7,137.58	11,135.11	7,108.27	172.06	93.66	77.31	-629.37	-11,123.63	6,445.46	6,320.54	124.92	51.596		
13,000.00	7,137.82	11,176.91	7,107.76	174.86	94.49	73.24	-671.16	-11,124.20	6,345.49	6,219.52	125.97	50.375		
13,100.00	7,138.06	11,202.86	7,107.21	177.65	95.00	69.13	-697.10	-11,124.43	6,245.51	6,118.86	126.65	49.314		
13,200.00	7,138.30	11,220.53	7,106.74	180.45	95.35	65.09	-714.78	-11,124.53	6,145.52	6,018.39	127.13	48.339		
13,300.00	7,138.54	13,300.00	7,107.58	183.25	137.26	73.90	-664.89	-11,123.97	6,045.41	5,875.93	169.48	35.671		
13,400.00	7,138.78	13,400.00	7,107.55	186.05	139.29	73.63	-667.14	-11,124.00	5,945.44	5,773.86	171.58	34.652		
13,500.00	7,139.02	13,500.00	7,107.52	188.85	141.32	73.35	-669.39	-11,124.03	5,845.46	5,671.79	173.68	33.657		
13,600.00	7,139.25	13,600.00	7,107.49	191.65	143.36	73.07	-671.64	-11,124.06	5,745.49	5,569.71	175.78	32.686		
13,700.00	7,139.49	13,700.00	7,107.46	194.46	145.39	72.78	-673.89	-11,124.09	5,645.52	5,467.64	177.88	31.737		
13,800.00	7,139.73	13,800.00	7,107.43	197.27	147.43	72.47	-676.14	-11,124.12	5,545.55	5,365.56	179.99	30.811		
13,900.00	7,139.97	13,900.00	7,107.40	200.08	149.46	72.16	-678.39	-11,124.14	5,445.58	5,263.49	182.09	29.906		
14,000.00	7,140.21	14,000.00	7,107.36	202.89	151.50	71.84	-680.64	-11,124.17	5,345.60	5,161.41	184.20	29.021		
14,100.00	7,140.45	14,100.00	7,107.33	205.70	153.53	71.50	-682.89	-11,124.20	5,245.63	5,059.33	186.30	28.157		
14,200.00	7,140.69	14,200.00	7,107.30	208.51	155.57	71.15	-685.14	-11,124.23	5,145.66	4,957.25	188.41	27.311		
14,300.00	7,140.93	14,300.00	7,107.27	211.32	157.60	70.80	-687.39	-11,124.26	5,045.69	4,855.17	190.52	26.484		
14,400.00	7,141.17	11,222.68	7,106.71	214.14	95.40	64.52	-716.92	-11,124.56	4,945.72	4,817.93	127.79	38.703		
14,500.00	7,141.41	11,223.78	7,106.68	216.95	95.42	64.21	-718.02	-11,124.56	4,845.73	4,717.86	127.87	37.896		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 726-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,600.00	7,141.65	11,224.90	7,106.65	219.77	95.44	63.89	-719.14	-11,124.57	4,745.75	4,617.80	127.95	37.090		
14,700.00	7,141.89	11,226.03	7,106.62	222.59	95.46	63.56	-720.27	-11,124.58	4,645.77	4,517.73	128.04	36.284		
14,800.00	7,142.13	11,227.18	7,106.59	225.41	95.49	63.21	-721.42	-11,124.59	4,545.79	4,417.67	128.12	35.480		
14,900.00	7,142.37	11,228.35	7,106.56	228.23	95.51	62.86	-722.59	-11,124.60	4,445.81	4,317.60	128.21	34.676		
15,000.00	7,142.61	11,229.53	7,106.53	231.05	95.53	62.49	-723.77	-11,124.61	4,345.83	4,217.53	128.30	33.873		
15,100.00	7,142.85	11,230.74	7,106.50	233.87	95.56	62.10	-724.98	-11,124.62	4,245.85	4,117.46	128.39	33.071		
15,200.00	7,143.09	11,231.96	7,106.47	236.69	95.58	61.70	-726.20	-11,124.63	4,145.87	4,017.39	128.48	32.269		
15,300.00	7,143.33	11,233.20	7,106.44	239.52	95.61	61.28	-727.44	-11,124.64	4,045.89	3,917.32	128.57	31.469		
15,400.00	7,143.57	11,234.46	7,106.40	242.34	95.63	60.85	-728.69	-11,124.65	3,945.91	3,817.25	128.66	30.669		
15,500.00	7,143.81	11,235.73	7,106.37	245.17	95.66	60.39	-729.97	-11,124.66	3,845.94	3,717.18	128.75	29.871		
15,600.00	7,144.05	11,237.03	7,106.34	247.99	95.68	59.92	-731.27	-11,124.67	3,745.96	3,617.11	128.85	29.073		
15,700.00	7,144.29	11,238.35	7,106.31	250.82	95.71	59.43	-732.59	-11,124.68	3,645.98	3,517.04	128.94	28.276		
15,800.00	7,144.53	11,239.69	7,106.27	253.64	95.74	58.91	-733.93	-11,124.69	3,546.01	3,416.97	129.04	27.481		
15,900.00	7,144.76	11,241.05	7,106.24	256.47	95.76	58.37	-735.29	-11,124.70	3,446.03	3,316.90	129.13	26.686		
16,000.00	7,145.00	11,242.44	7,106.20	259.30	95.79	57.81	-736.67	-11,124.72	3,346.06	3,216.83	129.23	25.892		
16,100.00	7,145.24	11,243.84	7,106.17	262.13	95.82	57.22	-738.08	-11,124.73	3,246.09	3,116.76	129.33	25.100		
16,200.00	7,145.48	11,245.27	7,106.13	264.96	95.85	56.60	-739.50	-11,124.74	3,146.11	3,016.69	129.43	24.308		
16,300.00	7,145.72	11,246.72	7,106.10	267.79	95.88	55.95	-740.96	-11,124.76	3,046.14	2,916.62	129.53	23.518		
16,400.00	7,145.96	11,248.20	7,106.06	270.62	95.91	55.26	-742.43	-11,124.77	2,946.17	2,816.54	129.63	22.728		
16,500.00	7,146.20	11,249.70	7,106.02	273.45	95.94	54.55	-743.93	-11,124.79	2,846.20	2,716.47	129.73	21.940		
16,600.00	7,146.44	11,251.23	7,105.99	276.28	95.97	53.79	-745.46	-11,124.80	2,746.23	2,616.41	129.83	21.153		
16,700.00	7,146.68	11,252.78	7,105.95	279.12	96.00	53.00	-747.01	-11,124.82	2,646.27	2,516.34	129.93	20.367		
16,800.00	7,146.92	11,254.36	7,105.91	281.95	96.03	52.16	-748.59	-11,124.84	2,546.30	2,416.27	130.03	19.582		
16,900.00	7,147.16	11,255.97	7,105.87	284.78	96.06	51.27	-750.20	-11,124.85	2,446.33	2,316.20	130.13	18.799		
17,000.00	7,147.40	11,257.60	7,105.83	287.62	96.09	50.34	-751.83	-11,124.87	2,346.37	2,216.14	130.23	18.017		
17,100.00	7,147.64	11,259.26	7,105.79	290.45	96.13	49.35	-753.49	-11,124.89	2,246.41	2,116.08	130.33	17.236		
17,200.00	7,147.88	11,260.96	7,105.75	293.28	96.16	48.30	-755.19	-11,124.91	2,146.45	2,016.02	130.43	16.456		
17,300.00	7,148.12	11,262.68	7,105.71	296.12	96.20	47.19	-756.91	-11,124.93	2,046.49	1,915.96	130.53	15.678		
17,400.00	7,148.36	11,264.44	7,105.66	298.95	96.23	46.01	-758.67	-11,124.95	1,946.54	1,815.91	130.63	14.901		
17,500.00	7,148.60	11,266.23	7,105.62	301.79	96.27	44.76	-760.45	-11,124.97	1,846.59	1,715.86	130.73	14.125		
17,600.00	7,148.84	11,268.05	7,105.58	304.63	96.30	43.43	-762.27	-11,124.99	1,746.64	1,615.82	130.82	13.351		
17,700.00	7,149.08	11,269.90	7,105.53	307.46	96.34	42.02	-764.13	-11,125.01	1,646.69	1,515.78	130.91	12.578		
17,800.00	7,149.32	11,271.79	7,105.49	310.30	96.38	40.51	-766.02	-11,125.04	1,546.75	1,415.75	131.00	11.807		
17,900.00	7,149.56	11,273.72	7,105.44	313.14	96.42	38.91	-767.94	-11,125.06	1,446.82	1,315.73	131.09	11.037		
18,000.00	7,149.80	11,275.68	7,105.39	315.98	96.46	37.21	-769.91	-11,125.09	1,346.89	1,215.73	131.17	10.269		
18,100.00	7,150.04	11,277.68	7,105.35	318.81	96.50	35.39	-771.91	-11,125.11	1,246.97	1,115.73	131.24	9.502		
18,200.00	7,150.27	11,279.72	7,105.30	321.65	96.54	33.45	-773.95	-11,125.14	1,147.06	1,015.76	131.30	8.736		
18,300.00	7,150.51	11,281.80	7,105.25	324.49	96.58	31.39	-776.03	-11,125.17	1,047.16	915.81	131.35	7.972		
18,400.00	7,150.75	11,283.93	7,105.20	327.33	96.62	29.19	-778.15	-11,125.20	947.28	815.89	131.39	7.210		
18,500.00	7,150.99	11,286.09	7,105.15	330.17	96.66	26.85	-780.31	-11,125.23	847.42	716.01	131.41	6.449		
18,600.00	7,151.23	11,288.30	7,105.10	333.01	96.71	24.37	-782.52	-11,125.26	747.59	616.19	131.40	5.689		
18,700.00	7,151.47	11,290.56	7,105.04	335.85	96.75	21.74	-784.77	-11,125.29	647.81	516.44	131.37	4.931		
18,800.00	7,151.71	11,292.86	7,104.99	338.69	96.80	18.96	-787.08	-11,125.33	548.09	416.79	131.30	4.174		
18,900.00	7,151.95	11,295.21	7,104.94	341.53	96.85	16.02	-789.43	-11,125.36	448.48	317.29	131.19	3.419		
18,920.23	7,152.00	11,295.69	7,104.93	342.10	96.85	15.41	-789.91	-11,125.37	428.35	297.19	131.17	3.266 CC, ES, SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-143.25	-2,447.71	-1,827.84	3,054.95					
100.00	100.00	79.00	79.00	3.28	3.56	-143.25	-2,447.71	-1,827.84	3,054.88	3,048.03	6.84	446.438		
200.00	200.00	179.00	179.00	3.34	5.57	-143.25	-2,447.71	-1,827.84	3,054.88	3,045.97	8.91	342.925		
300.00	299.98	278.98	278.98	3.44	8.64	96.78	-2,447.71	-1,827.84	3,055.08	3,043.00	12.08	252.874		
400.00	399.84	378.84	378.84	3.60	11.94	96.86	-2,447.71	-1,827.84	3,055.71	3,040.17	15.53	196.731		
500.00	499.45	478.45	478.45	3.80	15.31	97.00	-2,447.71	-1,827.84	3,056.76	3,037.66	19.11	159.984		
600.00	598.70	577.70	577.70	4.04	18.71	97.20	-2,447.71	-1,827.84	3,058.28	3,035.53	22.75	134.422		
700.00	697.47	676.47	676.47	4.33	22.11	97.45	-2,447.71	-1,827.84	3,060.30	3,033.86	26.44	115.740		
800.00	795.62	774.62	774.62	4.65	25.51	97.74	-2,447.71	-1,827.84	3,062.87	3,032.71	30.16	101.546		
865.50	859.53	838.53	838.53	4.89	27.72	97.96	-2,447.71	-1,827.84	3,064.88	3,032.26	32.61	93.982		
900.00	893.10	872.10	872.10	5.02	28.89	98.11	-2,447.71	-1,827.84	3,066.02	3,032.11	33.91	90.429		
1,000.00	990.42	969.42	969.42	5.41	32.26	98.52	-2,447.71	-1,827.84	3,069.43	3,031.76	37.68	81.464		
1,100.00	1,087.73	1,066.73	1,066.73	5.83	35.65	98.93	-2,447.71	-1,827.84	3,073.02	3,031.54	41.48	74.089		
1,200.00	1,185.05	1,164.05	1,164.05	6.27	39.03	99.35	-2,447.71	-1,827.84	3,076.78	3,031.48	45.30	67.925		
1,300.00	1,282.36	1,261.36	1,261.36	6.72	42.42	99.76	-2,447.71	-1,827.84	3,080.70	3,031.57	49.13	62.702		
1,400.00	1,379.67	1,358.67	1,358.67	7.18	45.80	100.17	-2,447.71	-1,827.84	3,084.79	3,031.81	52.98	58.225		
1,500.00	1,476.99	1,455.99	1,455.99	7.65	49.19	100.58	-2,447.71	-1,827.84	3,089.04	3,032.20	56.84	54.346		
1,600.00	1,574.30	1,553.30	1,553.30	8.13	52.58	100.99	-2,447.71	-1,827.84	3,093.47	3,032.76	60.71	50.956		
1,700.00	1,671.61	1,650.61	1,650.61	8.62	55.97	101.39	-2,447.71	-1,827.84	3,098.05	3,033.47	64.58	47.970		
1,800.00	1,768.93	1,747.93	1,747.93	9.11	59.37	101.80	-2,447.71	-1,827.84	3,102.80	3,034.34	68.46	45.320		
1,900.00	1,866.24	1,845.24	1,845.24	9.60	62.76	102.20	-2,447.71	-1,827.84	3,107.71	3,035.36	72.35	42.953		
2,000.00	1,963.56	1,942.56	1,942.56	10.10	66.15	102.61	-2,447.71	-1,827.84	3,112.79	3,036.55	76.24	40.828		
2,100.00	2,060.87	2,039.87	2,039.87	10.61	69.54	103.01	-2,447.71	-1,827.84	3,118.03	3,037.89	80.13	38.910		
2,200.00	2,158.18	2,137.18	2,137.18	11.11	72.94	103.41	-2,447.71	-1,827.84	3,123.43	3,039.39	84.03	37.170		
2,300.00	2,255.50	2,234.50	2,234.50	11.62	76.33	103.81	-2,447.71	-1,827.84	3,128.98	3,041.05	87.93	35.584		
2,400.00	2,352.81	2,331.81	2,331.81	12.13	79.73	104.21	-2,447.71	-1,827.84	3,134.70	3,042.87	91.83	34.135		
2,500.00	2,450.13	2,429.13	2,429.13	12.65	83.12	104.61	-2,447.71	-1,827.84	3,140.58	3,044.84	95.74	32.805		
2,600.00	2,547.44	2,526.44	2,526.44	13.16	86.51	105.00	-2,447.71	-1,827.84	3,146.61	3,046.97	99.64	31.579		
2,700.00	2,644.75	2,623.75	2,623.75	13.68	89.91	105.40	-2,447.71	-1,827.84	3,152.80	3,049.25	103.55	30.448		
2,800.00	2,742.07	2,721.07	2,721.07	14.20	93.30	105.79	-2,447.71	-1,827.84	3,159.15	3,051.69	107.45	29.400		
2,900.00	2,839.38	2,818.38	2,818.38	14.71	96.70	106.18	-2,447.71	-1,827.84	3,165.65	3,054.28	111.36	28.426		
3,000.00	2,936.70	2,915.70	2,915.70	15.23	100.10	106.57	-2,447.71	-1,827.84	3,172.30	3,057.03	115.27	27.520		
3,100.00	3,034.01	3,013.01	3,013.01	15.76	103.49	106.96	-2,447.71	-1,827.84	3,179.11	3,059.93	119.18	26.674		
3,200.00	3,131.32	3,110.32	3,110.32	16.28	106.89	107.34	-2,447.71	-1,827.84	3,186.07	3,062.98	123.09	25.884		
3,300.00	3,228.64	3,207.64	3,207.64	16.80	110.28	107.73	-2,447.71	-1,827.84	3,193.18	3,066.17	127.00	25.142		
3,400.00	3,325.95	3,304.95	3,304.95	17.32	113.68	108.11	-2,447.71	-1,827.84	3,200.44	3,069.52	130.91	24.447		
3,500.00	3,423.26	3,402.26	3,402.26	17.85	117.07	108.49	-2,447.71	-1,827.84	3,207.85	3,073.02	134.83	23.792		
3,600.00	3,520.58	3,500.42	3,499.58	18.37	120.50	108.87	-2,447.71	-1,827.84	3,215.40	3,076.63	138.77	23.171		
3,700.00	3,617.89	3,603.11	3,596.89	18.90	124.08	109.25	-2,447.71	-1,827.84	3,223.10	3,080.24	142.87	22.560		
3,800.00	3,715.21	3,705.79	3,694.21	19.43	127.67	109.63	-2,447.71	-1,827.84	3,230.95	3,083.99	146.97	21.984		
3,900.00	3,812.52	3,808.48	3,791.52	19.95	131.25	110.00	-2,447.71	-1,827.84	3,238.95	3,087.88	151.06	21.441		
4,000.00	3,909.83	3,888.83	3,888.83	20.48	134.05	110.37	-2,447.71	-1,827.84	3,247.08	3,092.70	154.38	21.032		
4,100.00	4,007.15	3,986.15	3,986.15	21.01	137.45	110.74	-2,447.71	-1,827.84	3,255.36	3,097.06	158.30	20.565		
4,200.00	4,104.46	4,083.46	4,083.46	21.53	140.85	111.11	-2,447.71	-1,827.84	3,263.78	3,101.57	162.21	20.121		
4,300.00	4,201.78	4,180.78	4,180.78	22.06	144.24	111.48	-2,447.71	-1,827.84	3,272.34	3,106.22	166.12	19.699		
4,400.00	4,299.09	4,278.09	4,278.09	22.59	147.64	111.85	-2,447.71	-1,827.84	3,281.04	3,111.01	170.03	19.297		
4,500.00	4,396.40	4,375.40	4,375.40	23.12	151.04	112.21	-2,447.71	-1,827.84	3,289.88	3,115.94	173.94	18.914		
4,600.00	4,493.72	4,472.72	4,472.72	23.65	154.43	112.57	-2,447.71	-1,827.84	3,298.86	3,121.00	177.85	18.548		
4,700.00	4,591.03	4,570.03	4,570.03	24.18	157.83	112.93	-2,447.71	-1,827.84	3,307.97	3,126.20	181.76	18.199		
4,800.00	4,688.34	4,667.34	4,667.34	24.71	161.23	113.29	-2,447.71	-1,827.84	3,317.21	3,131.54	185.67	17.866		
4,900.00	4,785.66	4,764.66	4,764.66	25.24	164.62	113.64	-2,447.71	-1,827.84	3,326.59	3,137.01	189.58	17.547		
5,000.00	4,882.97	4,861.97	4,861.97	25.77	168.02	114.00	-2,447.71	-1,827.84	3,336.10	3,142.61	193.49	17.242		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	4,959.29	4,959.29	26.30	171.41	114.35	-2,447.71	-1,827.84	3,345.75	3,148.35	197.40	16.949		
5,200.00	5,077.60	5,056.60	5,056.60	26.83	174.81	114.70	-2,447.71	-1,827.84	3,355.52	3,154.21	201.31	16.668		
5,300.00	5,174.91	5,153.91	5,153.91	27.36	178.21	115.05	-2,447.71	-1,827.84	3,365.42	3,160.20	205.22	16.399		
5,400.00	5,272.23	5,251.23	5,251.23	27.89	181.60	115.40	-2,447.71	-1,827.84	3,375.45	3,166.33	209.13	16.141		
5,500.00	5,369.54	5,348.54	5,348.54	28.42	185.00	115.74	-2,447.71	-1,827.84	3,385.61	3,172.58	213.03	15.892		
5,600.00	5,466.86	5,445.86	5,445.86	28.95	188.40	116.08	-2,447.71	-1,827.84	3,395.89	3,178.95	216.94	15.654		
5,700.00	5,564.17	5,543.17	5,543.17	29.48	191.79	116.42	-2,447.71	-1,827.84	3,406.30	3,185.45	220.85	15.424		
5,800.00	5,661.48	5,640.48	5,640.48	30.01	195.19	116.76	-2,447.71	-1,827.84	3,416.83	3,192.08	224.75	15.203		
5,900.00	5,758.80	5,737.80	5,737.80	30.54	198.59	117.10	-2,447.71	-1,827.84	3,427.48	3,198.83	228.66	14.990		
6,000.00	5,856.11	5,835.11	5,835.11	31.07	201.99	117.43	-2,447.71	-1,827.84	3,438.26	3,205.70	232.56	14.784		
6,100.00	5,953.43	5,932.43	5,932.43	31.61	205.38	117.76	-2,447.71	-1,827.84	3,449.15	3,212.69	236.47	14.586		
6,200.00	6,050.74	6,029.74	6,029.74	32.14	208.78	118.09	-2,447.71	-1,827.84	3,460.17	3,219.79	240.37	14.395		
6,300.00	6,148.05	6,127.05	6,127.05	32.67	212.18	118.42	-2,447.71	-1,827.84	3,471.30	3,227.02	244.28	14.211		
6,400.00	6,245.37	6,224.37	6,224.37	33.20	215.57	118.75	-2,447.71	-1,827.84	3,482.55	3,234.37	248.18	14.032		
6,500.00	6,342.68	6,321.68	6,321.68	33.73	218.97	119.07	-2,447.71	-1,827.84	3,493.91	3,241.83	252.08	13.860		
6,520.81	6,362.93	6,341.93	6,341.93	33.85	219.68	119.14	-2,447.71	-1,827.84	3,496.29	3,243.39	252.89	13.825		
6,550.00	6,391.46	6,370.46	6,370.46	34.00	220.67	113.04	-2,447.71	-1,827.84	3,499.07	3,245.04	254.03	13.774		
6,600.00	6,440.79	6,419.79	6,419.79	34.23	222.39	94.35	-2,447.71	-1,827.84	3,501.24	3,245.26	255.98	13.678		
6,650.00	6,490.44	6,469.44	6,469.44	34.43	224.13	59.20	-2,447.71	-1,827.84	3,500.10	3,242.18	257.92	13.571		
6,700.00	6,540.10	6,519.10	6,519.10	34.60	225.86	22.90	-2,447.71	-1,827.84	3,495.65	3,235.83	259.83	13.454		
6,750.00	6,589.46	6,568.46	6,568.46	34.76	227.58	2.68	-2,447.71	-1,827.84	3,487.92	3,226.22	261.70	13.328		
6,800.00	6,638.22	6,617.22	6,617.22	34.92	229.29	-7.95	-2,447.71	-1,827.84	3,476.94	3,213.40	263.54	13.193		
6,850.00	6,686.09	6,665.09	6,665.09	35.07	230.96	-14.44	-2,447.71	-1,827.84	3,462.79	3,197.44	265.35	13.050		
6,900.00	6,732.75	6,711.75	6,711.75	35.24	232.59	-19.05	-2,447.71	-1,827.84	3,445.55	3,178.44	267.11	12.899		
6,950.00	6,777.94	6,756.94	6,756.94	35.42	234.16	-22.77	-2,447.71	-1,827.84	3,425.35	3,156.53	268.82	12.742		
7,000.00	6,821.36	6,800.36	6,800.36	35.61	235.68	-26.09	-2,447.71	-1,827.84	3,402.32	3,131.85	270.47	12.579		
7,050.00	6,862.75	6,841.75	6,841.75	35.83	237.12	-29.29	-2,447.71	-1,827.84	3,376.61	3,104.57	272.05	12.412		
7,100.00	6,901.85	6,880.85	6,880.85	36.06	238.49	-32.56	-2,447.71	-1,827.84	3,348.42	3,074.87	273.55	12.241		
7,150.00	6,938.43	6,917.43	6,917.43	36.32	239.77	-36.02	-2,447.71	-1,827.84	3,317.93	3,042.95	274.98	12.066		
7,200.00	6,972.26	6,951.26	6,951.26	36.61	240.95	-39.78	-2,447.71	-1,827.84	3,285.36	3,009.04	276.32	11.890		
7,250.00	7,003.13	6,982.13	6,982.13	36.93	242.02	-43.92	-2,447.71	-1,827.84	3,250.94	2,973.37	277.57	11.712		
7,300.00	7,030.85	7,009.85	7,009.85	37.29	242.99	-48.51	-2,447.71	-1,827.84	3,214.92	2,936.20	278.72	11.535		
7,350.00	7,055.25	7,034.25	7,034.25	37.68	243.84	-53.57	-2,447.71	-1,827.84	3,177.54	2,897.77	279.78	11.357		
7,400.00	7,076.17	7,055.17	7,055.17	38.12	244.57	-59.10	-2,447.71	-1,827.84	3,139.09	2,858.35	280.74	11.182		
7,450.00	7,093.50	7,072.50	7,072.50	38.60	245.18	-65.04	-2,447.71	-1,827.84	3,099.82	2,818.23	281.59	11.008		
7,500.00	7,107.11	7,086.11	7,086.11	39.11	245.65	-71.26	-2,447.71	-1,827.84	3,060.02	2,777.68	282.34	10.838		
7,550.00	7,116.94	7,104.06	7,095.94	39.66	246.28	-77.59	-2,447.71	-1,827.84	3,019.96	2,736.70	283.27	10.661		
7,600.00	7,122.91	7,101.91	7,101.91	40.24	246.20	-83.84	-2,447.71	-1,827.84	2,979.93	2,696.41	283.52	10.511		
7,650.18	7,125.00	7,104.00	7,104.00	40.85	246.28	-89.82	-2,447.71	-1,827.84	2,940.06	2,656.12	283.94	10.354		
7,700.00	7,125.12	7,104.12	7,104.12	41.48	246.28	-89.83	-2,447.71	-1,827.84	2,900.88	2,616.55	284.33	10.203		
7,800.00	7,125.36	7,104.36	7,104.36	42.88	246.29	-89.83	-2,447.71	-1,827.84	2,823.25	2,538.04	285.21	9.899		
7,900.00	7,125.60	7,104.60	7,104.60	44.42	246.30	-89.84	-2,447.71	-1,827.84	2,747.06	2,460.83	286.24	9.597		
8,000.00	7,125.84	7,104.84	7,104.84	46.10	246.31	-89.85	-2,447.71	-1,827.84	2,672.45	2,385.02	287.43	9.298		
8,100.00	7,126.08	7,105.08	7,105.08	47.89	246.32	-89.86	-2,447.71	-1,827.84	2,599.54	2,310.76	288.78	9.002		
8,200.00	7,126.32	7,105.32	7,105.32	49.79	246.32	-89.86	-2,447.71	-1,827.84	2,528.48	2,238.17	290.31	8.709		
8,300.00	7,126.56	7,105.56	7,105.56	51.79	246.33	-89.87	-2,447.71	-1,827.84	2,459.44	2,167.42	292.02	8.422		
8,400.00	7,126.80	7,105.80	7,105.80	53.86	246.34	-89.88	-2,447.71	-1,827.84	2,392.59	2,098.67	293.92	8.140		
8,500.00	7,127.04	7,106.04	7,106.04	56.00	246.35	-89.89	-2,447.71	-1,827.84	2,328.11	2,032.11	296.00	7.865		
8,600.00	7,127.28	7,106.28	7,106.28	58.21	246.36	-89.90	-2,447.71	-1,827.84	2,266.22	1,967.95	298.26	7.598		
8,689.38	7,127.49	7,106.49	7,106.49	60.24	246.36	-89.90	-2,447.71	-1,827.84	2,213.25	1,912.81	300.44	7.367		
8,700.00	7,127.52	7,106.52	7,106.52	60.48	246.37	-89.90	-2,447.71	-1,827.84	2,207.10	1,906.39	300.71	7.340		
8,800.00	7,127.76	7,106.76	7,106.76	62.79	246.37	-89.90	-2,447.71	-1,827.84	2,149.27	1,845.98	303.28	7.087		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,106.85	7,106.85	63.74	246.38	-89.90	-2,447.71	-1,827.84	2,125.58	1,821.22	304.37	6.984		
8,900.00	7,128.00	7,107.00	7,107.00	65.12	246.38	-89.91	-2,447.71	-1,827.84	2,092.19	1,786.23	305.96	6.838		
9,000.00	7,128.23	7,107.23	7,107.23	67.50	246.39	-89.92	-2,447.71	-1,827.84	2,038.17	1,729.39	308.78	6.601		
9,100.00	7,128.47	7,107.47	7,107.47	69.91	246.40	-89.92	-2,447.71	-1,827.84	1,987.71	1,675.98	311.73	6.376		
9,200.00	7,128.71	7,107.71	7,107.71	72.35	246.41	-89.93	-2,447.71	-1,827.84	1,941.10	1,626.30	314.80	6.166		
9,300.00	7,128.95	7,107.95	7,107.95	74.83	246.42	-89.94	-2,447.71	-1,827.84	1,898.62	1,580.66	317.96	5.971		
9,400.00	7,129.19	7,108.19	7,108.19	77.33	246.42	-89.95	-2,447.71	-1,827.84	1,860.55	1,539.38	321.17	5.793		
9,500.00	7,129.43	7,108.43	7,108.43	79.86	246.43	-89.96	-2,447.71	-1,827.84	1,827.16	1,502.77	324.39	5.633		
9,600.00	7,129.67	7,108.67	7,108.67	82.41	246.44	-89.96	-2,447.71	-1,827.84	1,798.72	1,471.13	327.59	5.491		
9,700.00	7,129.91	7,108.91	7,108.91	84.97	246.45	-89.97	-2,447.71	-1,827.84	1,775.46	1,444.74	330.72	5.368		
9,800.00	7,130.15	7,109.15	7,109.15	87.56	246.46	-89.98	-2,447.71	-1,827.84	1,757.59	1,423.86	333.73	5.266		
9,900.00	7,130.39	7,109.39	7,109.39	90.16	246.47	-89.99	-2,447.71	-1,827.84	1,745.28	1,408.70	336.58	5.185		
10,000.00	7,130.63	7,109.63	7,109.63	92.78	246.47	-89.99	-2,447.71	-1,827.84	1,738.64	1,399.41	339.23	5.125		
10,065.63	7,130.79	7,109.79	7,109.79	94.51	246.48	-90.00	-2,447.71	-1,827.84	1,737.40	1,396.56	340.85	5.097 CC		
10,100.00	7,130.87	7,109.87	7,109.87	95.41	246.48	-90.00	-2,447.71	-1,827.84	1,737.74	1,396.10	341.65	5.086 ES		
10,200.00	7,131.11	7,110.11	7,110.11	98.06	246.49	-90.01	-2,447.71	-1,827.84	1,742.59	1,398.80	343.79	5.069 SF		
10,300.00	7,131.35	7,110.35	7,110.35	100.71	246.50	-90.02	-2,447.71	-1,827.84	1,753.14	1,407.49	345.65	5.072		
10,400.00	7,131.59	7,110.59	7,110.59	103.38	246.51	-90.03	-2,447.71	-1,827.84	1,769.29	1,422.08	347.21	5.096		
10,500.00	7,131.83	7,110.83	7,110.83	106.06	246.52	-90.03	-2,447.71	-1,827.84	1,790.88	1,442.41	348.47	5.139		
10,600.00	7,132.07	7,111.07	7,111.07	108.74	246.52	-90.04	-2,447.71	-1,827.84	1,817.73	1,468.28	349.45	5.202		
10,700.00	7,132.31	7,111.31	7,111.31	111.44	246.53	-90.05	-2,447.71	-1,827.84	1,849.59	1,499.45	350.14	5.282		
10,800.00	7,132.55	7,111.55	7,111.55	114.14	246.54	-90.06	-2,447.71	-1,827.84	1,886.23	1,535.65	350.59	5.380		
10,900.00	7,132.79	7,111.79	7,111.79	116.85	246.55	-90.07	-2,447.71	-1,827.84	1,927.37	1,576.57	350.80	5.494		
11,000.00	7,133.03	7,112.03	7,112.03	119.57	246.56	-90.07	-2,447.71	-1,827.84	1,972.72	1,621.91	350.81	5.623		
11,100.00	7,133.27	7,112.27	7,112.27	122.29	246.57	-90.08	-2,447.71	-1,827.84	2,022.00	1,671.37	350.63	5.767		
11,200.00	7,133.51	7,112.51	7,112.51	125.02	246.57	-90.09	-2,447.71	-1,827.84	2,074.94	1,724.63	350.31	5.923		
11,300.00	7,133.74	7,112.74	7,112.74	127.76	246.58	-90.10	-2,447.71	-1,827.84	2,131.25	1,781.39	349.86	6.092		
11,400.00	7,133.98	7,112.98	7,112.98	130.50	246.59	-90.11	-2,447.71	-1,827.84	2,190.69	1,841.38	349.31	6.271		
11,500.00	7,134.22	7,113.22	7,113.22	133.24	246.60	-90.11	-2,447.71	-1,827.84	2,253.00	1,904.32	348.67	6.462		
11,600.00	7,134.46	7,113.46	7,113.46	135.99	246.61	-90.12	-2,447.71	-1,827.84	2,317.94	1,969.97	347.97	6.661		
11,700.00	7,134.70	7,113.70	7,113.70	138.75	246.62	-90.13	-2,447.71	-1,827.84	2,385.32	2,038.09	347.22	6.870		
11,800.00	7,134.94	7,113.94	7,113.94	141.51	246.62	-90.14	-2,447.71	-1,827.84	2,454.92	2,108.47	346.44	7.086		
11,900.00	7,135.18	7,114.18	7,114.18	144.27	246.63	-90.14	-2,447.71	-1,827.84	2,526.56	2,180.92	345.63	7.310		
12,000.00	7,135.42	7,114.42	7,114.42	147.03	246.64	-90.15	-2,447.71	-1,827.84	2,600.07	2,255.26	344.81	7.541		
12,100.00	7,135.66	7,114.66	7,114.66	149.80	246.65	-90.16	-2,447.71	-1,827.84	2,675.30	2,331.32	343.98	7.777		
12,200.00	7,135.90	7,114.90	7,114.90	152.58	246.66	-90.17	-2,447.71	-1,827.84	2,752.11	2,408.95	343.16	8.020		
12,300.00	7,136.14	7,115.14	7,115.14	155.35	246.67	-90.18	-2,447.71	-1,827.84	2,830.37	2,488.03	342.34	8.268		
12,400.00	7,136.38	7,115.38	7,115.38	158.13	246.67	-90.18	-2,447.71	-1,827.84	2,909.96	2,568.43	341.53	8.520		
12,500.00	7,136.62	7,115.62	7,115.62	160.91	246.68	-90.19	-2,447.71	-1,827.84	2,990.77	2,650.04	340.73	8.778		
12,600.00	7,136.86	7,115.86	7,115.86	163.70	246.69	-90.20	-2,447.71	-1,827.84	3,072.72	2,732.77	339.95	9.039		
12,700.00	7,137.10	7,116.10	7,116.10	166.48	246.70	-90.21	-2,447.71	-1,827.84	3,155.70	2,816.52	339.19	9.304		
12,800.00	7,137.34	7,116.34	7,116.34	169.27	246.71	-90.22	-2,447.71	-1,827.84	3,239.65	2,901.21	338.44	9.572		
12,900.00	7,137.58	7,116.58	7,116.58	172.06	246.72	-90.22	-2,447.71	-1,827.84	3,324.49	2,986.76	337.72	9.844		
13,000.00	7,137.82	7,116.82	7,116.82	174.86	246.72	-90.23	-2,447.71	-1,827.84	3,410.14	3,073.12	337.02	10.119		
13,100.00	7,138.06	7,117.06	7,117.06	177.65	246.73	-90.24	-2,447.71	-1,827.84	3,496.56	3,160.22	336.34	10.396		
13,200.00	7,138.30	7,117.30	7,117.30	180.45	246.74	-90.25	-2,447.71	-1,827.84	3,583.69	3,248.01	335.68	10.676		
13,300.00	7,138.54	7,117.54	7,117.54	183.25	246.75	-90.26	-2,447.71	-1,827.84	3,671.47	3,336.43	335.04	10.958		
13,400.00	7,138.78	7,117.78	7,117.78	186.05	246.76	-90.26	-2,447.71	-1,827.84	3,759.86	3,425.44	334.43	11.243		
13,500.00	7,139.02	7,118.02	7,118.02	188.85	246.77	-90.27	-2,447.71	-1,827.84	3,848.82	3,514.99	333.83	11.529		
13,600.00	7,139.25	7,118.25	7,118.25	191.65	246.78	-90.28	-2,447.71	-1,827.84	3,938.31	3,605.06	333.26	11.818		
13,700.00	7,139.49	7,118.49	7,118.49	194.46	246.78	-90.29	-2,447.71	-1,827.84	4,028.30	3,695.60	332.70	12.108		
13,800.00	7,139.73	7,118.73	7,118.73	197.27	246.79	-90.30	-2,447.71	-1,827.84	4,118.74	3,786.58	332.16	12.400		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,900.00	7,139.97	7,118.97	7,118.97	200.08	246.80	-90.30	-2,447.71	-1,827.84	4,209.62	3,877.97	331.65	12.693		
14,000.00	7,140.21	7,119.21	7,119.21	202.89	246.81	-90.31	-2,447.71	-1,827.84	4,300.91	3,969.75	331.15	12.988		
14,100.00	7,140.45	7,119.45	7,119.45	205.70	246.82	-90.32	-2,447.71	-1,827.84	4,392.57	4,061.90	330.67	13.284		
14,200.00	7,140.69	7,119.69	7,119.69	208.51	246.83	-90.33	-2,447.71	-1,827.84	4,484.59	4,154.38	330.21	13.581		
14,300.00	7,140.93	7,119.93	7,119.93	211.32	246.83	-90.33	-2,447.71	-1,827.84	4,576.94	4,247.18	329.76	13.880		
14,400.00	7,141.17	7,120.17	7,120.17	214.14	246.84	-90.34	-2,447.71	-1,827.84	4,669.61	4,340.28	329.33	14.179		
14,500.00	7,141.41	7,120.41	7,120.41	216.95	246.85	-90.35	-2,447.71	-1,827.84	4,762.58	4,433.66	328.92	14.480		
14,600.00	7,141.65	7,120.65	7,120.65	219.77	246.86	-90.36	-2,447.71	-1,827.84	4,855.82	4,527.31	328.52	14.781		
14,700.00	7,141.89	7,120.89	7,120.89	222.59	246.87	-90.37	-2,447.71	-1,827.84	4,949.33	4,621.20	328.13	15.083		
14,800.00	7,142.13	7,121.13	7,121.13	225.41	246.88	-90.37	-2,447.71	-1,827.84	5,043.09	4,715.33	327.76	15.387		
14,900.00	7,142.37	7,121.37	7,121.37	228.23	246.88	-90.38	-2,447.71	-1,827.84	5,137.08	4,809.68	327.40	15.690		
15,000.00	7,142.61	7,121.61	7,121.61	231.05	246.89	-90.39	-2,447.71	-1,827.84	5,231.30	4,904.24	327.06	15.995		
15,100.00	7,142.85	7,121.85	7,121.85	233.87	246.90	-90.40	-2,447.71	-1,827.84	5,325.73	4,999.00	326.72	16.300		
15,200.00	7,143.09	7,122.09	7,122.09	236.69	246.91	-90.41	-2,447.71	-1,827.84	5,420.35	5,093.95	326.40	16.606		
15,300.00	7,143.33	7,122.33	7,122.33	239.52	246.92	-90.41	-2,447.71	-1,827.84	5,515.17	5,189.07	326.10	16.913		
15,400.00	7,143.57	7,122.57	7,122.57	242.34	246.93	-90.42	-2,447.71	-1,827.84	5,610.17	5,284.37	325.80	17.220		
15,500.00	7,143.81	7,122.81	7,122.81	245.17	246.93	-90.43	-2,447.71	-1,827.84	5,705.33	5,379.82	325.51	17.527		
15,600.00	7,144.05	7,123.05	7,123.05	247.99	246.94	-90.44	-2,447.71	-1,827.84	5,800.66	5,475.43	325.23	17.835		
15,700.00	7,144.29	7,123.29	7,123.29	250.82	246.95	-90.45	-2,447.71	-1,827.84	5,896.15	5,571.18	324.97	18.144		
15,800.00	7,144.53	7,123.53	7,123.53	253.64	246.96	-90.45	-2,447.71	-1,827.84	5,991.78	5,667.07	324.71	18.453		
15,900.00	7,144.76	7,123.76	7,123.76	256.47	246.97	-90.46	-2,447.71	-1,827.84	6,087.55	5,763.09	324.46	18.762		
16,000.00	7,145.00	7,124.00	7,124.00	259.30	246.98	-90.47	-2,447.71	-1,827.84	6,183.46	5,859.24	324.22	19.072		
16,100.00	7,145.24	7,124.24	7,124.24	262.13	246.98	-90.48	-2,447.71	-1,827.84	6,279.49	5,955.50	323.99	19.382		
16,200.00	7,145.48	7,124.48	7,124.48	264.96	246.99	-90.48	-2,447.71	-1,827.84	6,375.65	6,051.88	323.77	19.692		
16,300.00	7,145.72	7,124.72	7,124.72	267.79	247.00	-90.49	-2,447.71	-1,827.84	6,471.92	6,148.37	323.56	20.002		
16,400.00	7,145.96	7,124.96	7,124.96	270.62	247.01	-90.50	-2,447.71	-1,827.84	6,568.31	6,244.96	323.35	20.313		
16,500.00	7,146.20	7,125.20	7,125.20	273.45	247.02	-90.51	-2,447.71	-1,827.84	6,664.80	6,341.64	323.15	20.624		
16,600.00	7,146.44	7,125.44	7,125.44	276.28	247.03	-90.52	-2,447.71	-1,827.84	6,761.39	6,438.43	322.96	20.936		
16,700.00	7,146.68	7,125.68	7,125.68	279.12	247.03	-90.52	-2,447.71	-1,827.84	6,858.08	6,535.30	322.78	21.247		
16,800.00	7,146.92	7,125.92	7,125.92	281.95	247.04	-90.53	-2,447.71	-1,827.84	6,954.86	6,632.26	322.60	21.559		
16,900.00	7,147.16	7,126.16	7,126.16	284.78	247.05	-90.54	-2,447.71	-1,827.84	7,051.74	6,729.31	322.43	21.871		
17,000.00	7,147.40	7,126.40	7,126.40	287.62	247.06	-90.55	-2,447.71	-1,827.84	7,148.70	6,826.43	322.26	22.183		
17,100.00	7,147.64	7,126.64	7,126.64	290.45	247.07	-90.56	-2,447.71	-1,827.84	7,245.74	6,923.63	322.10	22.495		
17,200.00	7,147.88	7,126.88	7,126.88	293.28	247.08	-90.56	-2,447.71	-1,827.84	7,342.86	7,020.91	321.95	22.807		
17,300.00	7,148.12	7,127.12	7,127.12	296.12	247.08	-90.57	-2,447.71	-1,827.84	7,440.06	7,118.25	321.80	23.120		
17,400.00	7,148.36	7,127.36	7,127.36	298.95	247.09	-90.58	-2,447.71	-1,827.84	7,537.33	7,215.67	321.66	23.432		
17,500.00	7,148.60	7,127.60	7,127.60	301.79	247.10	-90.59	-2,447.71	-1,827.84	7,634.67	7,313.14	321.53	23.745		
17,600.00	7,148.84	7,127.84	7,127.84	304.63	247.11	-90.60	-2,447.71	-1,827.84	7,732.08	7,410.68	321.40	24.058		
17,700.00	7,149.08	7,128.08	7,128.08	307.46	247.12	-90.60	-2,447.71	-1,827.84	7,829.55	7,508.28	321.27	24.371		
17,800.00	7,149.32	7,128.32	7,128.32	310.30	247.13	-90.61	-2,447.71	-1,827.84	7,927.09	7,605.94	321.15	24.683		
17,900.00	7,149.56	7,128.56	7,128.56	313.14	247.13	-90.62	-2,447.71	-1,827.84	8,024.69	7,703.66	321.03	24.996		
18,000.00	7,149.80	7,128.80	7,128.80	315.98	247.14	-90.63	-2,447.71	-1,827.84	8,122.35	7,801.42	320.92	25.309		
18,100.00	7,150.04	7,129.04	7,129.04	318.81	247.15	-90.63	-2,447.71	-1,827.84	8,220.06	7,899.24	320.82	25.622		
18,200.00	7,150.27	7,129.27	7,129.27	321.65	247.16	-90.64	-2,447.71	-1,827.84	8,317.83	7,997.11	320.71	25.935		
18,300.00	7,150.51	7,129.51	7,129.51	324.49	247.17	-90.65	-2,447.71	-1,827.84	8,415.65	8,095.03	320.62	26.248		
18,400.00	7,150.75	7,129.75	7,129.75	327.33	247.18	-90.66	-2,447.71	-1,827.84	8,513.52	8,192.99	320.52	26.561		
18,500.00	7,150.99	7,129.99	7,129.99	330.17	247.18	-90.67	-2,447.71	-1,827.84	8,611.44	8,291.00	320.43	26.874		
18,600.00	7,151.23	7,130.23	7,130.23	333.01	247.19	-90.67	-2,447.71	-1,827.84	8,709.40	8,389.06	320.35	27.187		
18,700.00	7,151.47	7,130.47	7,130.47	335.85	247.20	-90.68	-2,447.71	-1,827.84	8,807.42	8,487.15	320.26	27.500		
18,800.00	7,151.71	7,130.71	7,130.71	338.69	247.21	-90.69	-2,447.71	-1,827.84	8,905.47	8,585.29	320.19	27.813		
18,900.00	7,151.95	7,130.95	7,130.95	341.53	247.22	-90.70	-2,447.71	-1,827.84	9,003.57	8,683.46	320.11	28.126		
18,920.23	7,152.00	7,131.00	7,131.00	342.10	247.22	-90.70	-2,447.71	-1,827.84	9,023.42	8,703.33	320.10	28.190		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-86.85	380.93	-6,912.30	6,922.79					
100.00	100.00	117.00	117.00	3.28	4.03	-86.85	380.93	-6,912.30	6,922.79	6,915.47	7.31	946.610		
200.00	200.00	217.00	217.00	3.34	6.69	-86.85	380.93	-6,912.30	6,922.79	6,912.76	10.03	690.459		
300.00	299.98	316.98	316.98	3.44	9.88	153.15	380.93	-6,912.30	6,924.34	6,911.02	13.32	519.772		
400.00	399.84	416.84	416.84	3.60	13.22	153.12	380.93	-6,912.30	6,929.01	6,912.20	16.82	412.067		
500.00	499.45	516.45	516.45	3.80	16.61	153.09	380.93	-6,912.30	6,936.79	6,916.38	20.41	339.890		
600.00	598.70	615.70	615.70	4.04	20.02	153.03	380.93	-6,912.30	6,947.67	6,923.61	24.06	288.737		
700.00	697.47	714.47	714.47	4.33	23.43	152.96	380.93	-6,912.30	6,961.65	6,933.89	27.75	250.846		
800.00	795.62	812.62	812.62	4.65	26.82	152.88	380.93	-6,912.30	6,978.70	6,947.23	31.47	221.791		
865.50	859.53	876.53	876.53	4.89	29.04	152.81	380.93	-6,912.30	6,991.53	6,957.63	33.90	206.209		
900.00	893.10	910.10	910.10	5.02	30.20	152.84	380.93	-6,912.30	6,998.64	6,963.44	35.19	198.874		
1,000.00	990.42	1,007.42	1,007.42	5.41	33.58	152.92	380.93	-6,912.30	7,019.24	6,980.31	38.93	180.311		
1,100.00	1,087.73	1,104.73	1,104.73	5.83	36.97	153.01	380.93	-6,912.30	7,039.86	6,997.17	42.69	164.913		
1,200.00	1,185.05	1,202.05	1,202.05	6.27	40.35	153.09	380.93	-6,912.30	7,060.50	7,014.03	46.47	151.950		
1,300.00	1,282.36	1,300.64	1,299.36	6.72	43.78	153.18	380.93	-6,912.30	7,081.14	7,030.84	50.30	140.770		
1,400.00	1,379.67	1,403.33	1,396.67	7.18	47.36	153.26	380.93	-6,912.30	7,101.81	7,047.51	54.29	130.802		
1,500.00	1,476.99	1,506.01	1,493.99	7.65	50.94	153.34	380.93	-6,912.30	7,122.49	7,064.19	58.30	122.179		
1,600.00	1,574.30	1,608.70	1,591.30	8.13	54.51	153.43	380.93	-6,912.30	7,143.18	7,080.88	62.31	114.648		
1,700.00	1,671.61	1,688.61	1,668.61	8.62	57.30	153.51	380.93	-6,912.30	7,163.89	7,098.36	65.53	109.325		
1,800.00	1,768.93	1,785.93	1,765.93	9.11	60.69	153.59	380.93	-6,912.30	7,184.61	7,115.25	69.36	103.580		
1,900.00	1,866.24	1,883.24	1,863.24	9.60	64.08	153.67	380.93	-6,912.30	7,205.34	7,132.14	73.20	98.430		
2,000.00	1,963.56	1,980.56	1,960.56	10.10	67.48	153.75	380.93	-6,912.30	7,226.09	7,149.05	77.05	93.788		
2,100.00	2,060.87	2,077.87	2,057.87	10.61	70.87	153.83	380.93	-6,912.30	7,246.86	7,165.96	80.89	89.584		
2,200.00	2,158.18	2,175.18	2,155.18	11.11	74.26	153.91	380.93	-6,912.30	7,267.63	7,182.89	84.75	85.759		
2,300.00	2,255.50	2,272.50	2,252.50	11.62	77.66	153.99	380.93	-6,912.30	7,288.42	7,199.82	88.60	82.264		
2,400.00	2,352.81	2,369.81	2,369.81	12.13	81.05	154.07	380.93	-6,912.30	7,309.23	7,216.77	92.45	79.058		
2,500.00	2,450.13	2,467.13	2,467.13	12.65	84.45	154.15	380.93	-6,912.30	7,330.04	7,233.73	96.31	76.107		
2,600.00	2,547.44	2,564.44	2,564.44	13.16	87.84	154.23	380.93	-6,912.30	7,350.87	7,250.70	100.17	73.383		
2,700.00	2,644.75	2,661.75	2,661.75	13.68	91.24	154.30	380.93	-6,912.30	7,371.71	7,267.68	104.03	70.860		
2,800.00	2,742.07	2,759.07	2,759.07	14.20	94.63	154.38	380.93	-6,912.30	7,392.57	7,284.67	107.89	68.516		
2,900.00	2,839.38	2,856.38	2,856.38	14.71	98.03	154.46	380.93	-6,912.30	7,413.44	7,301.68	111.76	66.334		
3,000.00	2,936.70	2,953.70	2,953.70	15.23	101.42	154.53	380.93	-6,912.30	7,434.32	7,318.70	115.62	64.298		
3,100.00	3,034.01	3,051.01	3,051.01	15.76	104.82	154.61	380.93	-6,912.30	7,455.21	7,335.72	119.49	62.392		
3,200.00	3,131.32	3,148.32	3,148.32	16.28	108.21	154.68	380.93	-6,912.30	7,476.12	7,352.76	123.36	60.606		
3,300.00	3,228.64	3,245.64	3,245.64	16.80	111.61	154.76	380.93	-6,912.30	7,497.04	7,369.81	127.22	58.928		
3,400.00	3,325.95	3,342.95	3,342.95	17.32	115.00	154.83	380.93	-6,912.30	7,517.97	7,386.88	131.09	57.349		
3,500.00	3,423.26	3,440.26	3,440.26	17.85	118.40	154.91	380.93	-6,912.30	7,538.91	7,403.95	134.96	55.860		
3,600.00	3,520.58	3,537.58	3,537.58	18.37	121.80	154.98	380.93	-6,912.30	7,559.87	7,421.04	138.83	54.454		
3,700.00	3,617.89	3,634.89	3,634.89	18.90	125.19	155.05	380.93	-6,912.30	7,580.83	7,438.13	142.70	53.124		
3,800.00	3,715.21	3,732.21	3,732.21	19.43	128.59	155.13	380.93	-6,912.30	7,601.81	7,455.24	146.57	51.864		
3,900.00	3,812.52	3,829.52	3,829.52	19.95	131.98	155.20	380.93	-6,912.30	7,622.80	7,472.36	150.44	50.669		
4,000.00	3,909.83	3,926.83	3,926.83	20.48	135.38	155.27	380.93	-6,912.30	7,643.81	7,489.49	154.31	49.534		
4,100.00	4,007.15	4,024.15	4,024.15	21.01	138.78	155.34	380.93	-6,912.30	7,664.82	7,506.64	158.18	48.455		
4,200.00	4,104.46	4,121.46	4,121.46	21.53	142.17	155.41	380.93	-6,912.30	7,685.85	7,523.79	162.06	47.427		
4,300.00	4,201.78	4,218.78	4,218.78	22.06	145.57	155.48	380.93	-6,912.30	7,706.88	7,540.95	165.93	46.447		
4,400.00	4,299.09	4,316.09	4,316.09	22.59	148.97	155.56	380.93	-6,912.30	7,727.93	7,558.13	169.80	45.511		
4,500.00	4,396.40	4,413.40	4,413.40	23.12	152.36	155.63	380.93	-6,912.30	7,748.99	7,575.32	173.67	44.618		
4,600.00	4,493.72	4,510.72	4,510.72	23.65	155.76	155.70	380.93	-6,912.30	7,770.06	7,592.52	177.55	43.763		
4,700.00	4,591.03	4,608.03	4,608.03	24.18	159.15	155.76	380.93	-6,912.30	7,791.14	7,609.72	181.42	42.945		
4,800.00	4,688.34	4,705.34	4,705.34	24.71	162.55	155.83	380.93	-6,912.30	7,812.24	7,626.94	185.29	42.161		
4,900.00	4,785.66	4,802.66	4,802.66	25.24	165.95	155.90	380.93	-6,912.30	7,833.34	7,644.17	189.17	41.409		
5,000.00	4,882.97	4,900.03	4,899.97	25.77	169.35	155.97	380.93	-6,912.30	7,854.46	7,661.41	193.04	40.687		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,002.71	4,997.29	26.30	172.93	156.04	380.93	-6,912.30	7,875.58	7,678.48	197.11	39.956		
5,200.00	5,077.60	5,105.40	5,094.60	26.83	176.51	156.11	380.93	-6,912.30	7,896.72	7,695.55	201.17	39.255		
5,300.00	5,174.91	5,208.09	5,191.91	27.36	180.10	156.17	380.93	-6,912.30	7,917.86	7,712.63	205.23	38.581		
5,400.00	5,272.23	5,289.23	5,289.23	27.89	182.93	156.24	380.93	-6,912.30	7,939.02	7,730.48	208.54	38.070		
5,500.00	5,369.54	5,386.54	5,386.54	28.42	186.33	156.31	380.93	-6,912.30	7,960.19	7,747.77	212.41	37.475		
5,600.00	5,466.86	5,483.86	5,483.86	28.95	189.72	156.37	380.93	-6,912.30	7,981.36	7,765.08	216.29	36.902		
5,700.00	5,564.17	5,581.17	5,581.17	29.48	193.12	156.44	380.93	-6,912.30	8,002.55	7,782.39	220.16	36.348		
5,800.00	5,661.48	5,678.48	5,678.48	30.01	196.52	156.50	380.93	-6,912.30	8,023.75	7,799.71	224.04	35.814		
5,900.00	5,758.80	5,775.80	5,775.80	30.54	199.91	156.57	380.93	-6,912.30	8,044.96	7,817.04	227.91	35.299		
6,000.00	5,856.11	5,873.11	5,873.11	31.07	203.31	156.63	380.93	-6,912.30	8,066.17	7,834.39	231.79	34.800		
6,100.00	5,953.43	5,970.43	5,970.43	31.61	206.71	156.70	380.93	-6,912.30	8,087.40	7,851.74	235.66	34.318		
6,200.00	6,050.74	6,067.74	6,067.74	32.14	210.11	156.76	380.93	-6,912.30	8,108.64	7,869.10	239.54	33.851		
6,300.00	6,148.05	6,165.05	6,165.05	32.67	213.50	156.83	380.93	-6,912.30	8,129.89	7,886.47	243.41	33.400		
6,400.00	6,245.37	6,262.37	6,262.37	33.20	216.90	156.89	380.93	-6,912.30	8,151.14	7,903.86	247.29	32.962		
6,500.00	6,342.68	6,359.68	6,359.68	33.73	220.30	156.95	380.93	-6,912.30	8,172.41	7,921.25	251.16	32.538		
6,520.81	6,362.93	6,379.93	6,379.93	33.85	221.00	156.97	380.93	-6,912.30	8,176.83	7,924.87	251.97	32.452		
6,550.00	6,391.46	6,408.46	6,408.46	34.00	222.00	150.61	380.93	-6,912.30	8,182.39	7,929.29	253.10	32.329		
6,600.00	6,440.79	6,457.79	6,457.79	34.23	223.72	131.67	380.93	-6,912.30	8,188.85	7,933.81	255.05	32.107		
6,650.00	6,490.44	6,507.44	6,507.44	34.43	225.45	96.51	380.93	-6,912.30	8,191.43	7,934.44	256.99	31.875		
6,700.00	6,540.10	6,557.10	6,557.10	34.60	227.19	60.41	380.93	-6,912.30	8,190.09	7,931.18	258.91	31.633		
6,750.00	6,589.46	6,606.46	6,606.46	34.76	228.91	40.63	380.93	-6,912.30	8,184.86	7,924.07	260.79	31.385		
6,800.00	6,638.22	6,655.22	6,655.22	34.92	230.61	30.68	380.93	-6,912.30	8,175.77	7,913.14	262.63	31.131		
6,850.00	6,686.09	6,703.09	6,703.09	35.07	232.28	25.14	380.93	-6,912.30	8,162.86	7,898.45	264.41	30.872		
6,900.00	6,732.75	6,749.75	6,749.75	35.24	233.91	21.75	380.93	-6,912.30	8,146.24	7,880.10	266.14	30.609		
6,950.00	6,777.94	6,805.06	6,794.94	35.42	235.84	19.57	380.93	-6,912.30	8,125.98	7,857.84	268.14	30.305		
7,000.00	6,821.36	6,838.36	6,838.36	35.61	237.00	18.15	380.93	-6,912.30	8,102.23	7,832.87	269.36	30.079		
7,050.00	6,862.75	6,879.75	6,879.75	35.83	238.45	17.24	380.93	-6,912.30	8,075.13	7,804.28	270.85	29.814		
7,100.00	6,901.85	6,918.85	6,918.85	36.06	239.81	16.73	380.93	-6,912.30	8,044.84	7,772.60	272.24	29.550		
7,150.00	6,938.43	6,955.43	6,955.43	36.32	241.09	16.54	380.93	-6,912.30	8,011.56	7,738.02	273.53	29.289		
7,200.00	6,972.26	6,989.26	6,989.26	36.61	242.27	16.67	380.93	-6,912.30	7,975.48	7,700.76	274.72	29.032		
7,250.00	7,003.13	7,020.13	7,020.13	36.93	243.35	17.11	380.93	-6,912.30	7,936.83	7,661.05	275.79	28.779		
7,300.00	7,030.85	7,047.85	7,047.85	37.29	244.32	17.93	380.93	-6,912.30	7,895.85	7,619.11	276.74	28.532		
7,350.00	7,055.25	7,072.25	7,072.25	37.68	245.17	19.22	380.93	-6,912.30	7,852.79	7,575.22	277.57	28.291		
7,400.00	7,076.17	7,106.83	7,093.17	38.12	246.38	21.19	380.93	-6,912.30	7,807.92	7,529.17	278.76	28.010		
7,450.00	7,093.50	7,110.50	7,110.50	38.60	246.50	24.24	380.93	-6,912.30	7,761.51	7,482.65	278.86	27.833		
7,500.00	7,107.11	7,124.11	7,124.11	39.11	246.98	29.15	380.93	-6,912.30	7,713.85	7,434.53	279.31	27.617		
7,550.00	7,116.94	7,133.94	7,133.94	39.66	247.32	37.80	380.93	-6,912.30	7,665.22	7,385.58	279.64	27.411		
7,600.00	7,122.91	7,139.91	7,139.91	40.24	247.53	54.88	380.93	-6,912.30	7,615.94	7,336.10	279.84	27.215		
7,650.18	7,125.00	7,142.00	7,142.00	40.85	247.60	88.71	380.93	-6,912.30	7,566.12	7,286.21	279.91	27.031		
7,700.00	7,125.12	7,142.12	7,142.12	41.48	247.61	88.72	380.93	-6,912.30	7,516.58	7,236.67	279.92	26.853		
7,800.00	7,125.36	7,142.36	7,142.36	42.88	247.62	88.74	380.93	-6,912.30	7,417.16	7,137.23	279.93	26.496		
7,900.00	7,125.60	7,142.60	7,142.60	44.42	247.62	88.75	380.93	-6,912.30	7,317.76	7,037.81	279.95	26.139		
8,000.00	7,125.84	7,142.84	7,142.84	46.10	247.63	88.77	380.93	-6,912.30	7,218.37	6,938.39	279.98	25.782		
8,100.00	7,126.08	7,143.08	7,143.08	47.89	247.64	88.79	380.93	-6,912.30	7,119.00	6,838.99	280.01	25.424		
8,200.00	7,126.32	7,143.32	7,143.32	49.79	247.65	88.81	380.93	-6,912.30	7,019.65	6,739.60	280.05	25.065		
8,300.00	7,126.56	7,143.56	7,143.56	51.79	247.66	88.82	380.93	-6,912.30	6,920.32	6,640.22	280.10	24.707		
8,400.00	7,126.80	7,143.80	7,143.80	53.86	247.67	88.84	380.93	-6,912.30	6,821.00	6,540.85	280.15	24.348		
8,500.00	7,127.04	7,144.04	7,144.04	56.00	247.67	88.86	380.93	-6,912.30	6,721.71	6,441.50	280.21	23.988		
8,600.00	7,127.28	7,144.28	7,144.28	58.21	247.68	88.87	380.93	-6,912.30	6,622.44	6,342.16	280.28	23.628		
8,689.38	7,127.49	7,144.49	7,144.49	60.24	247.69	88.89	380.93	-6,912.30	6,533.72	6,253.38	280.34	23.306		
8,700.00	7,127.52	7,144.52	7,144.52	60.48	247.69	88.92	380.93	-6,912.30	6,523.19	6,242.84	280.35	23.268		
8,800.00	7,127.76	7,144.76	7,144.76	62.79	247.70	89.17	380.93	-6,912.30	6,424.25	6,143.80	280.45	22.907		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,144.85	7,144.85	63.74	247.70	89.24	380.93	-6,912.30	6,383.79	6,103.29	280.50	22.759		
8,900.00	7,128.00	7,145.00	7,145.00	65.12	247.71	89.25	380.93	-6,912.30	6,325.82	6,045.24	280.57	22.546		
9,000.00	7,128.23	7,145.23	7,145.23	67.50	247.72	89.26	380.93	-6,912.30	6,227.48	5,946.76	280.72	22.184		
9,100.00	7,128.47	7,145.47	7,145.47	69.91	247.73	89.28	380.93	-6,912.30	6,129.20	5,848.32	280.89	21.821		
9,200.00	7,128.71	7,145.71	7,145.71	72.35	247.73	89.29	380.93	-6,912.30	6,030.98	5,749.91	281.07	21.457		
9,300.00	7,128.95	7,145.95	7,145.95	74.83	247.74	89.30	380.93	-6,912.30	5,932.82	5,651.53	281.28	21.092		
9,400.00	7,129.19	7,146.19	7,146.19	77.33	247.75	89.31	380.93	-6,912.30	5,834.72	5,553.20	281.52	20.726		
9,500.00	7,129.43	7,146.43	7,146.43	79.86	247.76	89.32	380.93	-6,912.30	5,736.68	5,454.91	281.77	20.359		
9,600.00	7,129.67	7,146.67	7,146.67	82.41	247.77	89.34	380.93	-6,912.30	5,638.71	5,356.66	282.06	19.991		
9,700.00	7,129.91	7,146.91	7,146.91	84.97	247.78	89.35	380.93	-6,912.30	5,540.82	5,258.45	282.37	19.623		
9,800.00	7,130.15	7,147.15	7,147.15	87.56	247.78	89.36	380.93	-6,912.30	5,443.00	5,160.29	282.71	19.253		
9,900.00	7,130.39	7,147.39	7,147.39	90.16	247.79	89.37	380.93	-6,912.30	5,345.27	5,062.18	283.09	18.882		
10,000.00	7,130.63	7,147.63	7,147.63	92.78	247.80	89.38	380.93	-6,912.30	5,247.61	4,964.12	283.50	18.510		
10,100.00	7,130.87	7,147.87	7,147.87	95.41	247.81	89.40	380.93	-6,912.30	5,150.05	4,866.11	283.95	18.137		
10,200.00	7,131.11	7,148.11	7,148.11	98.06	247.82	89.41	380.93	-6,912.30	5,052.59	4,768.15	284.43	17.764		
10,300.00	7,131.35	7,148.35	7,148.35	100.71	247.83	89.42	380.93	-6,912.30	4,955.22	4,670.26	284.96	17.389		
10,400.00	7,131.59	7,148.59	7,148.59	103.38	247.83	89.43	380.93	-6,912.30	4,857.96	4,572.43	285.54	17.013		
10,500.00	7,131.83	7,148.83	7,148.83	106.06	247.84	89.44	380.93	-6,912.30	4,760.82	4,474.66	286.16	16.637		
10,600.00	7,132.07	7,149.07	7,149.07	108.74	247.85	89.46	380.93	-6,912.30	4,663.80	4,376.96	286.84	16.259		
10,700.00	7,132.31	7,149.31	7,149.31	111.44	247.86	89.47	380.93	-6,912.30	4,566.90	4,279.34	287.56	15.881		
10,800.00	7,132.55	7,149.55	7,149.55	114.14	247.87	89.48	380.93	-6,912.30	4,470.14	4,181.79	288.35	15.502		
10,900.00	7,132.79	7,149.79	7,149.79	116.85	247.88	89.49	380.93	-6,912.30	4,373.53	4,084.33	289.20	15.123		
11,000.00	7,133.03	7,150.03	7,150.03	119.57	247.88	89.50	380.93	-6,912.30	4,277.07	3,986.96	290.12	14.743		
11,100.00	7,133.27	7,150.27	7,150.27	122.29	247.89	89.52	380.93	-6,912.30	4,180.78	3,889.68	291.10	14.362		
11,200.00	7,133.51	7,150.51	7,150.51	125.02	247.90	89.53	380.93	-6,912.30	4,084.67	3,792.51	292.16	13.981		
11,300.00	7,133.74	7,150.74	7,150.74	127.76	247.91	89.54	380.93	-6,912.30	3,988.75	3,695.45	293.30	13.599		
11,400.00	7,133.98	7,150.98	7,150.98	130.50	247.92	89.55	380.93	-6,912.30	3,893.03	3,598.50	294.53	13.218		
11,500.00	7,134.22	7,151.22	7,151.22	133.24	247.93	89.56	380.93	-6,912.30	3,797.54	3,501.69	295.85	12.836		
11,600.00	7,134.46	7,151.46	7,151.46	135.99	247.93	89.58	380.93	-6,912.30	3,702.28	3,405.02	297.26	12.454		
11,700.00	7,134.70	7,151.70	7,151.70	138.75	247.94	89.59	380.93	-6,912.30	3,607.28	3,308.49	298.79	12.073		
11,800.00	7,134.94	7,151.94	7,151.94	141.51	247.95	89.60	380.93	-6,912.30	3,512.56	3,212.14	300.42	11.692		
11,900.00	7,135.18	7,152.18	7,152.18	144.27	247.96	89.61	380.93	-6,912.30	3,418.13	3,115.96	302.17	11.312		
12,000.00	7,135.42	7,152.42	7,152.42	147.03	247.97	89.62	380.93	-6,912.30	3,324.04	3,019.98	304.06	10.932		
12,100.00	7,135.66	7,152.66	7,152.66	149.80	247.98	89.64	380.93	-6,912.30	3,230.30	2,924.22	306.08	10.554		
12,200.00	7,135.90	7,152.90	7,152.90	152.58	247.98	89.65	380.93	-6,912.30	3,136.94	2,828.69	308.25	10.177		
12,300.00	7,136.14	7,153.14	7,153.14	155.35	247.99	89.66	380.93	-6,912.30	3,044.01	2,733.43	310.58	9.801		
12,400.00	7,136.38	7,153.38	7,153.38	158.13	248.00	89.67	380.93	-6,912.30	2,951.54	2,638.46	313.08	9.427		
12,500.00	7,136.62	7,153.62	7,153.62	160.91	248.01	89.68	380.93	-6,912.30	2,859.58	2,543.80	315.77	9.056		
12,600.00	7,136.86	7,153.86	7,153.86	163.70	248.02	89.70	380.93	-6,912.30	2,768.17	2,449.50	318.67	8.687		
12,700.00	7,137.10	7,154.10	7,154.10	166.48	248.03	89.71	380.93	-6,912.30	2,677.38	2,355.60	321.78	8.321		
12,800.00	7,137.34	7,154.34	7,154.34	169.27	248.03	89.72	380.93	-6,912.30	2,587.26	2,262.14	325.12	7.958		
12,900.00	7,137.58	7,154.58	7,154.58	172.06	248.04	89.73	380.93	-6,912.30	2,497.90	2,169.18	328.72	7.599		
13,000.00	7,137.82	7,154.82	7,154.82	174.86	248.05	89.74	380.93	-6,912.30	2,409.38	2,076.78	332.60	7.244		
13,100.00	7,138.06	7,155.06	7,155.06	177.65	248.06	89.76	380.93	-6,912.30	2,321.79	1,985.01	336.78	6.894		
13,200.00	7,138.30	7,155.30	7,155.30	180.45	248.07	89.77	380.93	-6,912.30	2,235.24	1,893.96	341.27	6.550		
13,300.00	7,138.54	7,155.54	7,155.54	183.25	248.08	89.78	380.93	-6,912.30	2,149.85	1,803.73	346.12	6.211		
13,400.00	7,138.78	7,155.78	7,155.78	186.05	248.08	89.79	380.93	-6,912.30	2,065.78	1,714.44	351.34	5.880		
13,500.00	7,139.02	7,156.02	7,156.02	188.85	248.09	89.80	380.93	-6,912.30	1,983.19	1,626.23	356.96	5.556		
13,600.00	7,139.25	7,156.25	7,156.25	191.65	248.10	89.82	380.93	-6,912.30	1,902.27	1,539.25	363.01	5.240		
13,700.00	7,139.49	7,156.49	7,156.49	194.46	248.11	89.83	380.93	-6,912.30	1,823.24	1,453.73	369.52	4.934		
13,800.00	7,139.73	7,156.73	7,156.73	197.27	248.12	89.84	380.93	-6,912.30	1,746.37	1,369.88	376.49	4.639		
13,900.00	7,139.97	7,156.97	7,156.97	200.08	248.13	89.85	380.93	-6,912.30	1,671.94	1,287.99	383.95	4.355		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,140.21	7,157.21	7,157.21	202.89	248.13	89.87	380.93	-6,912.30	1,600.30	1,208.41	391.90	4.083		
14,100.00	7,140.45	7,157.45	7,157.45	205.70	248.14	89.88	380.93	-6,912.30	1,531.85	1,131.53	400.31	3.827		
14,200.00	7,140.69	7,157.69	7,157.69	208.51	248.15	89.89	380.93	-6,912.30	1,467.02	1,057.86	409.16	3.585		
14,300.00	7,140.93	7,157.93	7,157.93	211.32	248.16	89.90	380.93	-6,912.30	1,406.32	987.95	418.37	3.361		
14,400.00	7,141.17	7,158.17	7,158.17	214.14	248.17	89.91	380.93	-6,912.30	1,350.30	922.47	427.83	3.156		
14,500.00	7,141.41	7,158.41	7,158.41	216.95	248.18	89.93	380.93	-6,912.30	1,299.58	862.20	437.38	2.971		
14,600.00	7,141.65	7,158.65	7,158.65	219.77	248.19	89.94	380.93	-6,912.30	1,254.78	807.98	446.80	2.808		
14,700.00	7,141.89	7,158.89	7,158.89	222.59	248.19	89.95	380.93	-6,912.30	1,216.58	760.74	455.84	2.669		
14,800.00	7,142.13	7,159.13	7,159.13	225.41	248.20	89.96	380.93	-6,912.30	1,185.60	721.42	464.18	2.554		
14,900.00	7,142.37	7,159.37	7,159.37	228.23	248.21	89.97	380.93	-6,912.30	1,162.43	690.92	471.51	2.465		
15,000.00	7,142.61	7,159.61	7,159.61	231.05	248.22	89.99	380.93	-6,912.30	1,147.53	670.02	477.51	2.403		
15,100.00	7,142.85	7,159.85	7,159.85	233.87	248.23	90.00	380.93	-6,912.30	1,141.23	659.29	481.94	2.368		
15,122.08	7,142.90	7,159.90	7,159.90	234.49	248.23	90.00	380.93	-6,912.30	1,141.02	658.33	482.69	2.364 CC, ES		
15,200.00	7,143.09	7,160.09	7,160.09	236.69	248.24	90.01	380.93	-6,912.30	1,143.68	659.04	484.64	2.360 SF		
15,300.00	7,143.33	7,160.33	7,160.33	239.52	248.24	90.02	380.93	-6,912.30	1,154.81	669.24	485.56	2.378		
15,400.00	7,143.57	7,160.57	7,160.57	242.34	248.25	90.03	380.93	-6,912.30	1,174.38	689.58	484.80	2.422		
15,500.00	7,143.81	7,160.81	7,160.81	245.17	248.26	90.05	380.93	-6,912.30	1,201.98	719.45	482.53	2.491		
15,600.00	7,144.05	7,161.05	7,161.05	247.99	248.27	90.06	380.93	-6,912.30	1,237.06	758.08	478.98	2.583		
15,700.00	7,144.29	7,161.29	7,161.29	250.82	248.28	90.07	380.93	-6,912.30	1,279.03	804.59	474.44	2.696		
15,800.00	7,144.53	7,161.53	7,161.53	253.64	248.29	90.08	380.93	-6,912.30	1,327.21	858.03	469.18	2.829		
15,900.00	7,144.76	7,161.76	7,161.76	256.47	248.29	90.09	380.93	-6,912.30	1,380.97	917.52	463.45	2.980		
16,000.00	7,145.00	7,162.00	7,162.00	259.30	248.30	90.11	380.93	-6,912.30	1,439.68	982.22	457.45	3.147		
16,100.00	7,145.24	7,162.24	7,162.24	262.13	248.31	90.12	380.93	-6,912.30	1,502.75	1,051.38	451.36	3.329		
16,200.00	7,145.48	7,162.48	7,162.48	264.96	248.32	90.13	380.93	-6,912.30	1,569.66	1,124.36	445.30	3.525		
16,300.00	7,145.72	7,162.72	7,162.72	267.79	248.33	90.14	380.93	-6,912.30	1,639.94	1,200.58	439.37	3.733		
16,400.00	7,145.96	7,162.96	7,162.96	270.62	248.34	90.15	380.93	-6,912.30	1,713.18	1,279.56	433.62	3.951		
16,500.00	7,146.20	7,163.20	7,163.20	273.45	248.34	90.17	380.93	-6,912.30	1,789.02	1,360.91	428.10	4.179		
16,600.00	7,146.44	7,163.44	7,163.44	276.28	248.35	90.18	380.93	-6,912.30	1,867.13	1,444.29	422.84	4.416		
16,700.00	7,146.68	7,163.68	7,163.68	279.12	248.36	90.19	380.93	-6,912.30	1,947.24	1,529.40	417.84	4.660		
16,800.00	7,146.92	7,163.92	7,163.92	281.95	248.37	90.20	380.93	-6,912.30	2,029.12	1,616.00	413.12	4.912		
16,900.00	7,147.16	7,164.16	7,164.16	284.78	248.38	90.21	380.93	-6,912.30	2,112.56	1,703.91	408.65	5.170		
17,000.00	7,147.40	7,164.40	7,164.40	287.62	248.39	90.23	380.93	-6,912.30	2,197.38	1,792.94	404.44	5.433		
17,100.00	7,147.64	7,164.64	7,164.64	290.45	248.39	90.24	380.93	-6,912.30	2,283.43	1,882.95	400.48	5.702		
17,200.00	7,147.88	7,164.88	7,164.88	293.28	248.40	90.25	380.93	-6,912.30	2,370.58	1,973.83	396.75	5.975		
17,300.00	7,148.12	7,165.12	7,165.12	296.12	248.41	90.26	380.93	-6,912.30	2,458.71	2,065.46	393.24	6.252		
17,400.00	7,148.36	7,165.36	7,165.36	298.95	248.42	90.27	380.93	-6,912.30	2,547.71	2,157.77	389.94	6.534		
17,500.00	7,148.60	7,165.60	7,165.60	301.79	248.43	90.29	380.93	-6,912.30	2,637.50	2,250.67	386.83	6.818		
17,600.00	7,148.84	7,165.84	7,165.84	304.63	248.44	90.30	380.93	-6,912.30	2,728.00	2,344.10	383.90	7.106		
17,700.00	7,149.08	7,166.08	7,166.08	307.46	248.44	90.31	380.93	-6,912.30	2,819.14	2,438.00	381.14	7.397		
17,800.00	7,149.32	7,166.32	7,166.32	310.30	248.45	90.32	380.93	-6,912.30	2,910.87	2,532.33	378.54	7.690		
17,900.00	7,149.56	7,166.56	7,166.56	313.14	248.46	90.33	380.93	-6,912.30	3,003.12	2,627.04	376.08	7.985		
18,000.00	7,149.80	7,166.80	7,166.80	315.98	248.47	90.35	380.93	-6,912.30	3,095.85	2,722.09	373.76	8.283		
18,100.00	7,150.04	7,167.04	7,167.04	318.81	248.48	90.36	380.93	-6,912.30	3,189.03	2,817.46	371.57	8.583		
18,200.00	7,150.27	7,167.27	7,167.27	321.65	248.49	90.37	380.93	-6,912.30	3,282.60	2,913.11	369.49	8.884		
18,300.00	7,150.51	7,167.51	7,167.51	324.49	248.49	90.38	380.93	-6,912.30	3,376.54	3,009.02	367.53	9.187		
18,400.00	7,150.75	7,167.75	7,167.75	327.33	248.50	90.39	380.93	-6,912.30	3,470.83	3,105.16	365.67	9.492		
18,500.00	7,150.99	7,167.99	7,167.99	330.17	248.51	90.41	380.93	-6,912.30	3,565.42	3,201.52	363.90	9.798		
18,600.00	7,151.23	7,168.23	7,168.23	333.01	248.52	90.42	380.93	-6,912.30	3,660.30	3,298.07	362.23	10.105		
18,700.00	7,151.47	7,168.47	7,168.47	335.85	248.53	90.43	380.93	-6,912.30	3,755.45	3,394.81	360.64	10.413		
18,800.00	7,151.71	7,168.71	7,168.71	338.69	248.54	90.44	380.93	-6,912.30	3,850.84	3,491.71	359.13	10.723		
18,900.00	7,151.95	7,168.95	7,168.95	341.53	248.54	90.45	380.93	-6,912.30	3,946.46	3,588.77	357.69	11.033		
18,920.23	7,152.00	7,169.00	7,169.00	342.10	248.55	90.46	380.93	-6,912.30	3,965.83	3,608.42	357.41	11.096		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-100.25	-1,314.81	-7,269.87	7,387.81					
100.00	100.00	104.00	104.00	3.28	3.78	-100.25	-1,314.81	-7,269.87	7,387.81	7,380.74	7.07	1,045.272		
200.00	200.00	204.00	204.00	3.34	6.30	-100.25	-1,314.81	-7,269.87	7,387.81	7,378.17	9.63	766.787		
300.00	299.98	303.98	303.98	3.44	9.45	139.74	-1,314.81	-7,269.87	7,389.14	7,376.25	12.89	573.029		
400.00	399.84	403.84	403.84	3.60	12.78	139.71	-1,314.81	-7,269.87	7,393.14	7,376.76	16.38	451.476		
500.00	499.45	503.45	503.45	3.80	16.17	139.67	-1,314.81	-7,269.87	7,399.79	7,379.83	19.96	370.669		
600.00	598.70	602.70	602.70	4.04	19.57	139.61	-1,314.81	-7,269.87	7,409.11	7,385.50	23.61	313.756		
700.00	697.47	701.47	701.47	4.33	22.98	139.53	-1,314.81	-7,269.87	7,421.08	7,393.77	27.30	271.786		
800.00	795.62	800.38	799.62	4.65	26.40	139.44	-1,314.81	-7,269.87	7,435.70	7,404.65	31.05	239.502		
865.50	859.53	863.53	863.53	4.89	28.59	139.36	-1,314.81	-7,269.87	7,446.71	7,413.24	33.46	222.534		
900.00	893.10	902.90	897.10	5.02	29.95	139.40	-1,314.81	-7,269.87	7,452.80	7,417.85	34.95	213.224		
1,000.00	990.42	1,005.58	994.42	5.41	33.52	139.51	-1,314.81	-7,269.87	7,470.50	7,431.61	38.89	192.103		
1,100.00	1,087.73	1,108.27	1,091.73	5.83	37.09	139.63	-1,314.81	-7,269.87	7,488.22	7,445.37	42.85	174.768		
1,200.00	1,185.05	1,189.05	1,189.05	6.27	39.90	139.74	-1,314.81	-7,269.87	7,505.97	7,459.91	46.06	162.953		
1,300.00	1,282.36	1,286.36	1,286.36	6.72	43.29	139.85	-1,314.81	-7,269.87	7,523.75	7,473.89	49.87	150.875		
1,400.00	1,379.67	1,383.67	1,383.67	7.18	46.67	139.96	-1,314.81	-7,269.87	7,541.56	7,487.88	53.69	140.477		
1,500.00	1,476.99	1,480.99	1,480.99	7.65	50.06	140.07	-1,314.81	-7,269.87	7,559.40	7,501.89	57.51	131.438		
1,600.00	1,574.30	1,578.30	1,578.30	8.13	53.45	140.19	-1,314.81	-7,269.87	7,577.27	7,515.92	61.35	123.510		
1,700.00	1,671.61	1,675.61	1,675.61	8.62	56.85	140.30	-1,314.81	-7,269.87	7,595.16	7,529.97	65.19	116.504		
1,800.00	1,768.93	1,772.93	1,772.93	9.11	60.24	140.40	-1,314.81	-7,269.87	7,613.08	7,544.04	69.04	110.269		
1,900.00	1,866.24	1,870.24	1,870.24	9.60	63.63	140.51	-1,314.81	-7,269.87	7,631.03	7,558.13	72.89	104.685		
2,000.00	1,963.56	1,967.56	1,967.56	10.10	67.02	140.62	-1,314.81	-7,269.87	7,649.00	7,572.25	76.75	99.658		
2,100.00	2,060.87	2,064.87	2,064.87	10.61	70.42	140.73	-1,314.81	-7,269.87	7,667.00	7,586.39	80.61	95.108		
2,200.00	2,158.18	2,162.18	2,162.18	11.11	73.81	140.84	-1,314.81	-7,269.87	7,685.03	7,600.55	84.48	90.970		
2,300.00	2,255.50	2,259.50	2,259.50	11.62	77.20	140.94	-1,314.81	-7,269.87	7,703.09	7,614.74	88.35	87.193		
2,400.00	2,352.81	2,356.81	2,356.81	12.13	80.60	141.05	-1,314.81	-7,269.87	7,721.17	7,628.95	92.21	83.730		
2,500.00	2,450.13	2,454.13	2,454.13	12.65	83.99	141.16	-1,314.81	-7,269.87	7,739.28	7,643.19	96.09	80.545		
2,600.00	2,547.44	2,551.44	2,551.44	13.16	87.39	141.26	-1,314.81	-7,269.87	7,757.41	7,657.45	99.96	77.606		
2,700.00	2,644.75	2,648.75	2,648.75	13.68	90.78	141.37	-1,314.81	-7,269.87	7,775.57	7,671.74	103.83	74.885		
2,800.00	2,742.07	2,746.07	2,746.07	14.20	94.18	141.47	-1,314.81	-7,269.87	7,793.76	7,686.05	107.71	72.359		
2,900.00	2,839.38	2,843.38	2,843.38	14.71	97.57	141.58	-1,314.81	-7,269.87	7,811.97	7,700.38	111.59	70.008		
3,000.00	2,936.70	2,940.70	2,940.70	15.23	100.97	141.68	-1,314.81	-7,269.87	7,830.20	7,714.74	115.46	67.815		
3,100.00	3,034.01	3,038.01	3,038.01	15.76	104.36	141.78	-1,314.81	-7,269.87	7,848.47	7,729.12	119.34	65.764		
3,200.00	3,131.32	3,135.32	3,135.32	16.28	107.76	141.89	-1,314.81	-7,269.87	7,866.75	7,743.53	123.22	63.841		
3,300.00	3,228.64	3,232.64	3,232.64	16.80	111.15	141.99	-1,314.81	-7,269.87	7,885.06	7,757.96	127.10	62.036		
3,400.00	3,325.95	3,329.95	3,329.95	17.32	114.55	142.09	-1,314.81	-7,269.87	7,903.40	7,772.41	130.99	60.338		
3,500.00	3,423.26	3,427.26	3,427.26	17.85	117.95	142.19	-1,314.81	-7,269.87	7,921.76	7,786.89	134.87	58.738		
3,600.00	3,520.58	3,524.58	3,524.58	18.37	121.34	142.29	-1,314.81	-7,269.87	7,940.14	7,801.40	138.75	57.227		
3,700.00	3,617.89	3,621.89	3,621.89	18.90	124.74	142.39	-1,314.81	-7,269.87	7,958.55	7,815.92	142.63	55.798		
3,800.00	3,715.21	3,719.21	3,719.21	19.43	128.13	142.49	-1,314.81	-7,269.87	7,976.99	7,830.47	146.51	54.445		
3,900.00	3,812.52	3,816.52	3,816.52	19.95	131.53	142.59	-1,314.81	-7,269.87	7,995.44	7,845.04	150.40	53.162		
4,000.00	3,909.83	3,913.83	3,913.83	20.48	134.93	142.69	-1,314.81	-7,269.87	8,013.92	7,859.64	154.28	51.943		
4,100.00	4,007.15	4,011.15	4,011.15	21.01	138.32	142.79	-1,314.81	-7,269.87	8,032.43	7,874.26	158.17	50.785		
4,200.00	4,104.46	4,108.46	4,108.46	21.53	141.72	142.89	-1,314.81	-7,269.87	8,050.95	7,888.90	162.05	49.682		
4,300.00	4,201.78	4,205.78	4,205.78	22.06	145.12	142.99	-1,314.81	-7,269.87	8,069.50	7,903.57	165.93	48.631		
4,400.00	4,299.09	4,303.09	4,303.09	22.59	148.51	143.08	-1,314.81	-7,269.87	8,088.08	7,918.26	169.82	47.628		
4,500.00	4,396.40	4,400.40	4,400.40	23.12	151.91	143.18	-1,314.81	-7,269.87	8,106.67	7,932.97	173.70	46.670		
4,600.00	4,493.72	4,497.72	4,497.72	23.65	155.46	143.28	-1,314.81	-7,269.87	8,125.29	7,947.54	177.75	45.712		
4,700.00	4,591.03	4,595.03	4,595.03	24.18	159.05	143.37	-1,314.81	-7,269.87	8,143.93	7,962.11	181.82	44.791		
4,800.00	4,688.34	4,692.34	4,692.34	24.71	162.63	143.47	-1,314.81	-7,269.87	8,162.60	7,976.70	185.89	43.910		
4,900.00	4,785.66	4,789.66	4,789.66	25.24	166.49	143.56	-1,314.81	-7,269.87	8,181.28	7,991.28	189.94	43.231		
5,000.00	4,882.97	4,886.97	4,886.97	25.77	169.89	143.66	-1,314.81	-7,269.87	8,199.99	8,006.86	193.13	42.459		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	4,984.29	4,984.29	26.30	172.29	143.75	-1,314.81	-7,269.87	8,218.72	8,021.71	197.01	41.716		
5,200.00	5,077.60	5,081.60	5,081.60	26.83	175.68	143.84	-1,314.81	-7,269.87	8,237.47	8,036.57	200.90	41.003		
5,300.00	5,174.91	5,178.91	5,178.91	27.36	179.08	143.94	-1,314.81	-7,269.87	8,256.24	8,051.46	204.79	40.317		
5,400.00	5,272.23	5,276.23	5,276.23	27.89	182.48	144.03	-1,314.81	-7,269.87	8,275.04	8,066.37	208.67	39.656		
5,500.00	5,369.54	5,373.54	5,373.54	28.42	185.87	144.12	-1,314.81	-7,269.87	8,293.85	8,081.30	212.56	39.020		
5,600.00	5,466.86	5,470.86	5,470.86	28.95	189.27	144.22	-1,314.81	-7,269.87	8,312.69	8,096.25	216.44	38.406		
5,700.00	5,564.17	5,568.17	5,568.17	29.48	192.67	144.31	-1,314.81	-7,269.87	8,331.55	8,111.22	220.33	37.814		
5,800.00	5,661.48	5,665.48	5,665.48	30.01	196.06	144.40	-1,314.81	-7,269.87	8,350.43	8,126.22	224.21	37.243		
5,900.00	5,758.80	5,762.80	5,762.80	30.54	199.46	144.49	-1,314.81	-7,269.87	8,369.33	8,141.23	228.10	36.692		
6,000.00	5,856.11	5,860.11	5,860.11	31.07	202.86	144.58	-1,314.81	-7,269.87	8,388.25	8,156.27	231.98	36.159		
6,100.00	5,953.43	5,957.43	5,957.43	31.61	206.25	144.67	-1,314.81	-7,269.87	8,407.19	8,171.32	235.87	35.643		
6,200.00	6,050.74	6,054.74	6,054.74	32.14	209.65	144.76	-1,314.81	-7,269.87	8,426.15	8,186.40	239.75	35.145		
6,300.00	6,148.05	6,152.05	6,152.05	32.67	213.05	144.85	-1,314.81	-7,269.87	8,445.13	8,201.49	243.64	34.662		
6,400.00	6,245.37	6,249.37	6,249.37	33.20	216.45	144.94	-1,314.81	-7,269.87	8,464.13	8,216.61	247.53	34.195		
6,500.00	6,342.68	6,346.68	6,346.68	33.73	219.84	145.03	-1,314.81	-7,269.87	8,483.15	8,231.74	251.41	33.742		
6,520.81	6,362.93	6,366.93	6,366.93	33.85	220.55	145.05	-1,314.81	-7,269.87	8,487.11	8,234.90	252.22	33.650		
6,550.00	6,391.46	6,404.54	6,395.46	34.00	221.86	138.79	-1,314.81	-7,269.87	8,492.02	8,238.35	253.67	33.476		
6,600.00	6,440.79	6,444.79	6,444.79	34.23	223.27	119.97	-1,314.81	-7,269.87	8,497.36	8,242.06	255.30	33.283		
6,650.00	6,490.44	6,505.56	6,494.44	34.43	225.39	84.84	-1,314.81	-7,269.87	8,498.82	8,241.18	257.63	32.988		
6,700.00	6,540.10	6,544.10	6,544.10	34.60	226.73	48.71	-1,314.81	-7,269.87	8,496.38	8,237.22	259.16	32.784		
6,750.00	6,589.46	6,606.54	6,593.46	34.76	228.91	28.81	-1,314.81	-7,269.87	8,490.06	8,228.57	261.49	32.468		
6,800.00	6,638.22	6,642.22	6,642.22	34.92	230.16	18.66	-1,314.81	-7,269.87	8,479.90	8,217.02	262.87	32.259		
6,850.00	6,686.09	6,709.91	6,690.09	35.07	232.52	12.83	-1,314.81	-7,269.87	8,465.95	8,200.60	265.35	31.905		
6,900.00	6,732.75	6,736.75	6,736.75	35.24	233.46	9.06	-1,314.81	-7,269.87	8,448.31	8,181.93	266.38	31.715		
6,950.00	6,777.94	6,781.94	6,781.94	35.42	235.04	6.38	-1,314.81	-7,269.87	8,427.08	8,159.04	268.04	31.439		
7,000.00	6,821.36	6,825.36	6,825.36	35.61	236.55	4.33	-1,314.81	-7,269.87	8,402.40	8,132.77	269.63	31.163		
7,050.00	6,862.75	6,866.75	6,866.75	35.83	238.00	2.64	-1,314.81	-7,269.87	8,374.40	8,103.28	271.13	30.887		
7,100.00	6,901.85	6,905.85	6,905.85	36.06	239.36	1.15	-1,314.81	-7,269.87	8,343.28	8,070.74	272.53	30.614		
7,150.00	6,938.43	6,942.43	6,942.43	36.32	240.64	-0.26	-1,314.81	-7,269.87	8,309.21	8,035.37	273.84	30.343		
7,200.00	6,972.26	6,976.26	6,976.26	36.61	241.82	-1.69	-1,314.81	-7,269.87	8,272.41	7,997.37	275.04	30.077		
7,250.00	7,003.13	7,007.13	7,007.13	36.93	242.90	-3.22	-1,314.81	-7,269.87	8,233.11	7,956.97	276.14	29.815		
7,300.00	7,030.85	7,034.85	7,034.85	37.29	243.86	-4.99	-1,314.81	-7,269.87	8,191.54	7,914.43	277.11	29.561		
7,350.00	7,055.25	7,059.25	7,059.25	37.68	244.72	-7.17	-1,314.81	-7,269.87	8,147.97	7,870.01	277.97	29.313		
7,400.00	7,076.17	7,080.17	7,080.17	38.12	245.45	-10.05	-1,314.81	-7,269.87	8,102.66	7,823.97	278.70	29.073		
7,450.00	7,093.50	7,102.50	7,097.50	38.60	246.23	-14.14	-1,314.81	-7,269.87	8,055.90	7,776.42	279.48	28.825		
7,500.00	7,107.11	7,111.11	7,111.11	39.11	246.53	-20.51	-1,314.81	-7,269.87	8,007.97	7,728.19	279.78	28.623		
7,550.00	7,116.94	7,120.94	7,120.94	39.66	246.87	-31.61	-1,314.81	-7,269.87	7,959.16	7,679.04	280.12	28.413		
7,600.00	7,122.91	7,126.91	7,126.91	40.24	247.08	-52.92	-1,314.81	-7,269.87	7,909.79	7,629.45	280.34	28.215		
7,650.18	7,125.00	7,129.00	7,129.00	40.85	247.15	-88.82	-1,314.81	-7,269.87	7,859.98	7,579.55	280.43	28.028		
7,700.00	7,125.12	7,129.12	7,129.12	41.48	247.15	-88.82	-1,314.81	-7,269.87	7,810.49	7,530.04	280.45	27.850		
7,800.00	7,125.36	7,129.36	7,129.36	42.88	247.16	-88.84	-1,314.81	-7,269.87	7,711.17	7,430.67	280.50	27.490		
7,900.00	7,125.60	7,129.60	7,129.60	44.42	247.17	-88.85	-1,314.81	-7,269.87	7,611.88	7,331.31	280.56	27.131		
8,000.00	7,125.84	7,129.84	7,129.84	46.10	247.18	-88.87	-1,314.81	-7,269.87	7,512.60	7,231.97	280.63	26.771		
8,100.00	7,126.08	7,130.08	7,130.08	47.89	247.19	-88.88	-1,314.81	-7,269.87	7,413.34	7,132.64	280.70	26.410		
8,200.00	7,126.32	7,130.32	7,130.32	49.79	247.20	-88.90	-1,314.81	-7,269.87	7,314.10	7,033.32	280.78	26.049		
8,300.00	7,126.56	7,130.56	7,130.56	51.79	247.20	-88.91	-1,314.81	-7,269.87	7,214.88	6,934.01	280.87	25.688		
8,400.00	7,126.80	7,130.80	7,130.80	53.86	247.21	-88.93	-1,314.81	-7,269.87	7,115.69	6,834.72	280.96	25.326		
8,500.00	7,127.04	7,131.04	7,131.04	56.00	247.22	-88.95	-1,314.81	-7,269.87	7,016.51	6,735.44	281.07	24.964		
8,600.00	7,127.28	7,131.28	7,131.28	58.21	247.23	-88.96	-1,314.81	-7,269.87	6,917.36	6,636.18	281.18	24.601		
8,689.38	7,127.49	7,131.49	7,131.49	60.24	247.24	-88.97	-1,314.81	-7,269.87	6,828.76	6,547.47	281.29	24.276		
8,700.00	7,127.52	7,131.52	7,131.52	60.48	247.24	-88.95	-1,314.81	-7,269.87	6,818.24	6,536.93	281.31	24.238		
8,800.00	7,127.76	7,131.76	7,131.76	62.79	247.25	-88.58	-1,314.81	-7,269.87	6,718.88	6,437.46	281.42	23.875		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,131.85	7,131.85	63.74	247.25	-88.34	-1,314.81	-7,269.87	6,677.98	6,396.51	281.47	23.726		
8,900.00	7,128.00	7,132.00	7,132.00	65.12	247.25	-88.36	-1,314.81	-7,269.87	6,619.25	6,337.73	281.52	23.512		
9,000.00	7,128.23	7,132.23	7,132.23	67.50	247.26	-88.38	-1,314.81	-7,269.87	6,519.60	6,237.98	281.62	23.150		
9,100.00	7,128.47	7,132.47	7,132.47	69.91	247.27	-88.41	-1,314.81	-7,269.87	6,419.97	6,138.24	281.73	22.788		
9,200.00	7,128.71	7,132.71	7,132.71	72.35	247.28	-88.43	-1,314.81	-7,269.87	6,320.34	6,038.50	281.84	22.425		
9,300.00	7,128.95	7,132.95	7,132.95	74.83	247.29	-88.46	-1,314.81	-7,269.87	6,220.73	5,938.77	281.96	22.062		
9,400.00	7,129.19	7,133.19	7,133.19	77.33	247.30	-88.48	-1,314.81	-7,269.87	6,121.13	5,839.04	282.09	21.699		
9,500.00	7,129.43	7,133.43	7,133.43	79.86	247.30	-88.51	-1,314.81	-7,269.87	6,021.54	5,739.32	282.22	21.336		
9,600.00	7,129.67	7,133.67	7,133.67	82.41	247.31	-88.53	-1,314.81	-7,269.87	5,921.97	5,639.60	282.37	20.973		
9,700.00	7,129.91	7,133.91	7,133.91	84.97	247.32	-88.56	-1,314.81	-7,269.87	5,822.41	5,539.89	282.52	20.609		
9,800.00	7,130.15	7,134.15	7,134.15	87.56	247.33	-88.58	-1,314.81	-7,269.87	5,722.87	5,440.19	282.68	20.245		
9,900.00	7,130.39	7,134.39	7,134.39	90.16	247.34	-88.61	-1,314.81	-7,269.87	5,623.34	5,340.49	282.85	19.881		
10,000.00	7,130.63	7,134.63	7,134.63	92.78	247.35	-88.63	-1,314.81	-7,269.87	5,523.83	5,240.80	283.03	19.517		
10,100.00	7,130.87	7,134.87	7,134.87	95.41	247.36	-88.66	-1,314.81	-7,269.87	5,424.34	5,141.12	283.22	19.152		
10,200.00	7,131.11	7,135.11	7,135.11	98.06	247.36	-88.68	-1,314.81	-7,269.87	5,324.87	5,041.44	283.43	18.787		
10,300.00	7,131.35	7,135.35	7,135.35	100.71	247.37	-88.71	-1,314.81	-7,269.87	5,225.41	4,941.77	283.64	18.422		
10,400.00	7,131.59	7,135.59	7,135.59	103.38	247.38	-88.73	-1,314.81	-7,269.87	5,125.98	4,842.11	283.87	18.057		
10,500.00	7,131.83	7,135.83	7,135.83	106.06	247.39	-88.76	-1,314.81	-7,269.87	5,026.57	4,742.46	284.12	17.692		
10,600.00	7,132.07	7,136.07	7,136.07	108.74	247.40	-88.78	-1,314.81	-7,269.87	4,927.19	4,642.81	284.38	17.326		
10,700.00	7,132.31	7,136.31	7,136.31	111.44	247.41	-88.81	-1,314.81	-7,269.87	4,827.83	4,543.17	284.66	16.960		
10,800.00	7,132.55	7,136.55	7,136.55	114.14	247.41	-88.83	-1,314.81	-7,269.87	4,728.50	4,443.55	284.95	16.594		
10,900.00	7,132.79	7,136.79	7,136.79	116.85	247.42	-88.86	-1,314.81	-7,269.87	4,629.19	4,343.93	285.27	16.228		
11,000.00	7,133.03	7,137.03	7,137.03	119.57	247.43	-88.88	-1,314.81	-7,269.87	4,529.92	4,244.32	285.60	15.861		
11,100.00	7,133.27	7,137.27	7,137.27	122.29	247.44	-88.91	-1,314.81	-7,269.87	4,430.68	4,144.72	285.96	15.494		
11,200.00	7,133.51	7,137.51	7,137.51	125.02	247.45	-88.93	-1,314.81	-7,269.87	4,331.48	4,045.14	286.34	15.127		
11,300.00	7,133.74	7,137.74	7,137.74	127.76	247.46	-88.96	-1,314.81	-7,269.87	4,232.31	3,945.56	286.75	14.760		
11,400.00	7,133.98	7,137.98	7,137.98	130.50	247.46	-88.98	-1,314.81	-7,269.87	4,133.18	3,846.00	287.18	14.392		
11,500.00	7,134.22	7,138.22	7,138.22	133.24	247.47	-89.00	-1,314.81	-7,269.87	4,034.10	3,746.45	287.65	14.024		
11,600.00	7,134.46	7,138.46	7,138.46	135.99	247.48	-89.03	-1,314.81	-7,269.87	3,935.06	3,646.91	288.15	13.656		
11,700.00	7,134.70	7,138.70	7,138.70	138.75	247.49	-89.05	-1,314.81	-7,269.87	3,836.07	3,547.38	288.69	13.288		
11,800.00	7,134.94	7,138.94	7,138.94	141.51	247.50	-89.08	-1,314.81	-7,269.87	3,737.13	3,447.87	289.27	12.919		
11,900.00	7,135.18	7,139.18	7,139.18	144.27	247.51	-89.10	-1,314.81	-7,269.87	3,638.26	3,348.37	289.89	12.551		
12,000.00	7,135.42	7,139.42	7,139.42	147.03	247.51	-89.13	-1,314.81	-7,269.87	3,539.45	3,248.89	290.56	12.182		
12,100.00	7,135.66	7,139.66	7,139.66	149.80	247.52	-89.15	-1,314.81	-7,269.87	3,440.70	3,149.42	291.28	11.813		
12,200.00	7,135.90	7,139.90	7,139.90	152.58	247.53	-89.18	-1,314.81	-7,269.87	3,342.03	3,049.98	292.05	11.443		
12,300.00	7,136.14	7,140.14	7,140.14	155.35	247.54	-89.20	-1,314.81	-7,269.87	3,243.44	2,950.55	292.89	11.074		
12,400.00	7,136.38	7,140.38	7,140.38	158.13	247.55	-89.23	-1,314.81	-7,269.87	3,144.94	2,851.14	293.80	10.704		
12,500.00	7,136.62	7,140.62	7,140.62	160.91	247.56	-89.25	-1,314.81	-7,269.87	3,046.54	2,751.75	294.79	10.335		
12,600.00	7,136.86	7,140.86	7,140.86	163.70	247.56	-89.28	-1,314.81	-7,269.87	2,948.25	2,652.39	295.86	9.965		
12,700.00	7,137.10	7,141.10	7,141.10	166.48	247.57	-89.30	-1,314.81	-7,269.87	2,850.07	2,553.05	297.02	9.595		
12,800.00	7,137.34	7,141.34	7,141.34	169.27	247.58	-89.33	-1,314.81	-7,269.87	2,752.03	2,453.73	298.29	9.226		
12,900.00	7,137.58	7,141.58	7,141.58	172.06	247.59	-89.35	-1,314.81	-7,269.87	2,654.13	2,354.45	299.68	8.857		
13,000.00	7,137.82	7,141.82	7,141.82	174.86	247.60	-89.38	-1,314.81	-7,269.87	2,556.39	2,255.20	301.20	8.487		
13,100.00	7,138.06	7,142.06	7,142.06	177.65	247.61	-89.40	-1,314.81	-7,269.87	2,458.84	2,155.98	302.86	8.119		
13,200.00	7,138.30	7,142.30	7,142.30	180.45	247.61	-89.43	-1,314.81	-7,269.87	2,361.49	2,056.81	304.68	7.751		
13,300.00	7,138.54	7,142.54	7,142.54	183.25	247.62	-89.45	-1,314.81	-7,269.87	2,264.37	1,957.68	306.69	7.383		
13,400.00	7,138.78	7,142.78	7,142.78	186.05	247.63	-89.48	-1,314.81	-7,269.87	2,167.52	1,858.60	308.91	7.017		
13,500.00	7,139.02	7,143.02	7,143.02	188.85	247.64	-89.50	-1,314.81	-7,269.87	2,070.96	1,759.59	311.37	6.651		
13,600.00	7,139.25	7,143.25	7,143.25	191.65	247.65	-89.53	-1,314.81	-7,269.87	1,974.74	1,660.64	314.10	6.287		
13,700.00	7,139.49	7,143.49	7,143.49	194.46	247.66	-89.55	-1,314.81	-7,269.87	1,878.92	1,561.78	317.14	5.925		
13,800.00	7,139.73	7,143.73	7,143.73	197.27	247.66	-89.58	-1,314.81	-7,269.87	1,783.56	1,463.02	320.54	5.564		
13,900.00	7,139.97	7,143.97	7,143.97	200.08	247.67	-89.60	-1,314.81	-7,269.87	1,688.74	1,364.39	324.35	5.206		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,140.21	7,144.21	7,144.21	202.89	247.68	-89.63	-1,314.81	-7,269.87	1,594.55	1,265.91	328.64	4.852		
14,100.00	7,140.45	7,144.45	7,144.45	205.70	247.69	-89.65	-1,314.81	-7,269.87	1,501.11	1,167.62	333.49	4.501		
14,200.00	7,140.69	7,144.69	7,144.69	208.51	247.70	-89.68	-1,314.81	-7,269.87	1,408.57	1,069.58	338.99	4.155		
14,300.00	7,140.93	7,144.93	7,144.93	211.32	247.71	-89.70	-1,314.81	-7,269.87	1,317.13	971.87	345.26	3.815		
14,400.00	7,141.17	7,145.17	7,145.17	214.14	247.71	-89.73	-1,314.81	-7,269.87	1,227.02	874.59	352.43	3.482		
14,500.00	7,141.41	7,145.41	7,145.41	216.95	247.72	-89.75	-1,314.81	-7,269.87	1,138.56	777.90	360.66	3.157		
14,600.00	7,141.65	7,145.65	7,145.65	219.77	247.73	-89.78	-1,314.81	-7,269.87	1,052.17	682.05	370.12	2.843		
14,700.00	7,141.89	7,145.89	7,145.89	222.59	247.74	-89.80	-1,314.81	-7,269.87	968.40	587.38	381.02	2.542		
14,800.00	7,142.13	7,146.13	7,146.13	225.41	247.75	-89.83	-1,314.81	-7,269.87	888.00	494.46	393.55	2.256		
14,900.00	7,142.37	7,146.37	7,146.37	228.23	247.76	-89.85	-1,314.81	-7,269.87	811.97	404.15	407.82	1.991		
15,000.00	7,142.61	7,146.61	7,146.61	231.05	247.76	-89.88	-1,314.81	-7,269.87	741.65	317.83	423.82	1.750		
15,100.00	7,142.85	7,146.85	7,146.85	233.87	247.77	-89.90	-1,314.81	-7,269.87	678.81	237.65	441.16	1.539		
15,200.00	7,143.09	7,147.09	7,147.09	236.69	247.78	-89.93	-1,314.81	-7,269.87	625.72	166.86	458.86	1.364 Level 3		
15,300.00	7,143.33	7,147.33	7,147.33	239.52	247.79	-89.95	-1,314.81	-7,269.87	585.04	109.95	475.09	1.231 Level 2		
15,400.00	7,143.57	7,147.57	7,147.57	242.34	247.80	-89.98	-1,314.81	-7,269.87	559.48	72.20	487.28	1.148 Level 2		
15,496.28	7,143.80	7,147.80	7,147.80	245.06	247.81	-90.00	-1,314.81	-7,269.87	551.13	58.30	492.83	1.118 Level 2, CC		
15,500.00	7,143.81	7,147.81	7,147.81	245.17	247.81	-90.00	-1,314.81	-7,269.87	551.14	58.24	492.90	1.118 Level 2, ES, SF		
15,600.00	7,144.05	7,148.05	7,148.05	247.99	247.81	-90.03	-1,314.81	-7,269.87	560.80	69.98	490.83	1.143 Level 2		
15,700.00	7,144.29	7,148.29	7,148.29	250.82	247.82	-90.05	-1,314.81	-7,269.87	587.57	105.61	481.96	1.219 Level 2		
15,800.00	7,144.53	7,148.53	7,148.53	253.64	247.83	-90.08	-1,314.81	-7,269.87	629.27	160.61	468.66	1.343 Level 3		
15,900.00	7,144.76	7,148.76	7,148.76	256.47	247.84	-90.10	-1,314.81	-7,269.87	683.17	229.76	453.42	1.507		
16,000.00	7,145.00	7,149.00	7,149.00	259.30	247.85	-90.13	-1,314.81	-7,269.87	746.64	308.58	438.06	1.704		
16,100.00	7,145.24	7,149.24	7,149.24	262.13	247.86	-90.15	-1,314.81	-7,269.87	817.44	393.82	423.62	1.930		
16,200.00	7,145.48	7,149.48	7,149.48	264.96	247.87	-90.18	-1,314.81	-7,269.87	893.84	483.28	410.56	2.177		
16,300.00	7,145.72	7,149.72	7,149.72	267.79	247.87	-90.20	-1,314.81	-7,269.87	974.52	575.54	398.99	2.443		
16,400.00	7,145.96	7,149.96	7,149.96	270.62	247.88	-90.23	-1,314.81	-7,269.87	1,058.51	669.69	388.82	2.722		
16,500.00	7,146.20	7,150.20	7,150.20	273.45	247.89	-90.25	-1,314.81	-7,269.87	1,145.07	765.15	379.92	3.014		
16,600.00	7,146.44	7,150.44	7,150.44	276.28	247.90	-90.27	-1,314.81	-7,269.87	1,233.66	861.53	372.14	3.315		
16,700.00	7,146.68	7,150.68	7,150.68	279.12	247.91	-90.30	-1,314.81	-7,269.87	1,323.88	958.57	365.31	3.624		
16,800.00	7,146.92	7,150.92	7,150.92	281.95	247.92	-90.32	-1,314.81	-7,269.87	1,415.42	1,056.11	359.31	3.939		
16,900.00	7,147.16	7,151.16	7,151.16	284.78	247.92	-90.35	-1,314.81	-7,269.87	1,508.03	1,154.02	354.01	4.260		
17,000.00	7,147.40	7,151.40	7,151.40	287.62	247.93	-90.37	-1,314.81	-7,269.87	1,601.53	1,252.21	349.31	4.585		
17,100.00	7,147.64	7,151.64	7,151.64	290.45	247.94	-90.40	-1,314.81	-7,269.87	1,695.77	1,350.63	345.14	4.913		
17,200.00	7,147.88	7,151.88	7,151.88	293.28	247.95	-90.42	-1,314.81	-7,269.87	1,790.64	1,449.23	341.41	5.245		
17,300.00	7,148.12	7,152.12	7,152.12	296.12	247.96	-90.45	-1,314.81	-7,269.87	1,886.03	1,547.97	338.07	5.579		
17,400.00	7,148.36	7,152.36	7,152.36	298.95	247.97	-90.47	-1,314.81	-7,269.87	1,981.88	1,646.82	335.06	5.915		
17,500.00	7,148.60	7,152.60	7,152.60	301.79	247.97	-90.50	-1,314.81	-7,269.87	2,078.12	1,745.78	332.35	6.253		
17,600.00	7,148.84	7,152.84	7,152.84	304.63	247.98	-90.52	-1,314.81	-7,269.87	2,174.70	1,844.81	329.89	6.592		
17,700.00	7,149.08	7,153.08	7,153.08	307.46	247.99	-90.55	-1,314.81	-7,269.87	2,271.58	1,943.92	327.66	6.933		
17,800.00	7,149.32	7,153.32	7,153.32	310.30	248.00	-90.57	-1,314.81	-7,269.87	2,368.72	2,043.09	325.63	7.274		
17,900.00	7,149.56	7,153.56	7,153.56	313.14	248.01	-90.60	-1,314.81	-7,269.87	2,466.08	2,142.30	323.78	7.617		
18,000.00	7,149.80	7,153.80	7,153.80	315.98	248.02	-90.62	-1,314.81	-7,269.87	2,563.65	2,241.57	322.08	7.960		
18,100.00	7,150.04	7,154.04	7,154.04	318.81	248.02	-90.65	-1,314.81	-7,269.87	2,661.40	2,340.87	320.53	8.303		
18,200.00	7,150.27	7,154.27	7,154.27	321.65	248.03	-90.67	-1,314.81	-7,269.87	2,759.31	2,440.20	319.11	8.647		
18,300.00	7,150.51	7,154.51	7,154.51	324.49	248.04	-90.70	-1,314.81	-7,269.87	2,857.36	2,539.57	317.79	8.991		
18,400.00	7,150.75	7,154.75	7,154.75	327.33	248.05	-90.72	-1,314.81	-7,269.87	2,955.55	2,638.97	316.58	9.336		
18,500.00	7,150.99	7,154.99	7,154.99	330.17	248.06	-90.75	-1,314.81	-7,269.87	3,053.85	2,738.39	315.46	9.681		
18,600.00	7,151.23	7,155.23	7,155.23	333.01	248.07	-90.77	-1,314.81	-7,269.87	3,152.26	2,837.83	314.43	10.025		
18,700.00	7,151.47	7,155.47	7,155.47	335.85	248.07	-90.80	-1,314.81	-7,269.87	3,250.77	2,937.29	313.47	10.370		
18,800.00	7,151.71	7,155.71	7,155.71	338.69	248.08	-90.82	-1,314.81	-7,269.87	3,349.36	3,036.78	312.59	10.715		
18,900.00	7,151.95	7,155.95	7,155.95	341.53	248.09	-90.85	-1,314.81	-7,269.87	3,448.04	3,136.28	311.76	11.060		
18,920.23	7,152.00	7,156.00	7,156.00	342.10	248.09	-90.85	-1,314.81	-7,269.87	3,468.01	3,156.41	311.60	11.130		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-87.29	263.65	-5,576.08	5,582.31					
100.00	100.00	110.00	110.00	3.28	3.89	-87.29	263.65	-5,576.08	5,582.31	5,575.14	7.18	777.866		
200.00	200.00	210.00	210.00	3.34	6.48	-87.29	263.65	-5,576.08	5,582.31	5,572.50	9.81	568.783		
300.00	299.98	309.98	309.98	3.44	9.65	152.70	263.65	-5,576.08	5,583.86	5,570.77	13.09	426.519		
400.00	399.84	409.84	409.84	3.60	12.98	152.68	263.65	-5,576.08	5,588.52	5,571.94	16.58	337.091		
500.00	499.45	509.45	509.45	3.80	16.37	152.65	263.65	-5,576.08	5,596.26	5,576.09	20.17	277.463		
600.00	598.70	608.70	608.70	4.04	19.78	152.61	263.65	-5,576.08	5,607.10	5,583.28	23.82	235.383		
700.00	697.47	707.47	707.47	4.33	23.19	152.55	263.65	-5,576.08	5,621.03	5,593.52	27.51	204.321		
800.00	795.62	805.62	805.62	4.65	26.58	152.48	263.65	-5,576.08	5,638.02	5,606.80	31.22	180.573		
865.50	859.53	869.53	869.53	4.89	28.80	152.43	263.65	-5,576.08	5,650.81	5,617.15	33.66	167.867		
900.00	893.10	903.10	903.10	5.02	29.96	152.47	263.65	-5,576.08	5,657.89	5,622.94	34.95	161.891		
1,000.00	990.42	1,000.42	1,000.42	5.41	33.34	152.57	263.65	-5,576.08	5,678.43	5,639.75	38.69	146.783		
1,100.00	1,087.73	1,102.27	1,097.73	5.83	36.88	152.68	263.65	-5,576.08	5,698.99	5,656.39	42.60	133.768		
1,200.00	1,185.05	1,204.95	1,195.05	6.27	40.45	152.78	263.65	-5,576.08	5,719.57	5,673.00	46.57	122.821		
1,300.00	1,282.36	1,307.64	1,292.36	6.72	44.03	152.89	263.65	-5,576.08	5,740.17	5,689.62	50.55	113.559		
1,400.00	1,379.67	1,389.67	1,389.67	7.18	46.88	152.99	263.65	-5,576.08	5,760.78	5,706.96	53.82	107.037		
1,500.00	1,476.99	1,486.99	1,486.99	7.65	50.27	153.10	263.65	-5,576.08	5,781.42	5,723.78	57.63	100.312		
1,600.00	1,574.30	1,584.30	1,584.30	8.13	53.66	153.20	263.65	-5,576.08	5,802.07	5,740.61	61.46	94.409		
1,700.00	1,671.61	1,681.61	1,681.61	8.62	57.05	153.30	263.65	-5,576.08	5,822.74	5,757.45	65.29	89.188		
1,800.00	1,768.93	1,778.93	1,778.93	9.11	60.45	153.40	263.65	-5,576.08	5,843.42	5,774.30	69.12	84.539		
1,900.00	1,866.24	1,876.24	1,876.24	9.60	63.84	153.50	263.65	-5,576.08	5,864.13	5,791.17	72.96	80.374		
2,000.00	1,963.56	1,973.56	1,973.56	10.10	67.23	153.60	263.65	-5,576.08	5,884.85	5,808.04	76.80	76.621		
2,100.00	2,060.87	2,070.87	2,070.87	10.61	70.62	153.70	263.65	-5,576.08	5,905.59	5,824.94	80.65	73.223		
2,200.00	2,158.18	2,168.18	2,168.18	11.11	74.02	153.80	263.65	-5,576.08	5,926.34	5,841.84	84.50	70.132		
2,300.00	2,255.50	2,265.50	2,265.50	11.62	77.41	153.89	263.65	-5,576.08	5,947.11	5,858.76	88.36	67.309		
2,400.00	2,352.81	2,362.81	2,362.81	12.13	80.81	153.99	263.65	-5,576.08	5,967.90	5,875.69	92.21	64.720		
2,500.00	2,450.13	2,460.13	2,460.13	12.65	84.20	154.09	263.65	-5,576.08	5,988.71	5,892.64	96.07	62.338		
2,600.00	2,547.44	2,557.44	2,557.44	13.16	87.60	154.18	263.65	-5,576.08	6,009.53	5,909.60	99.93	60.139		
2,700.00	2,644.75	2,654.75	2,654.75	13.68	90.99	154.28	263.65	-5,576.08	6,030.37	5,926.58	103.79	58.102		
2,800.00	2,742.07	2,752.07	2,752.07	14.20	94.39	154.37	263.65	-5,576.08	6,051.22	5,943.57	107.65	56.212		
2,900.00	2,839.38	2,849.38	2,849.38	14.71	97.78	154.47	263.65	-5,576.08	6,072.09	5,960.57	111.51	54.451		
3,000.00	2,936.70	2,946.70	2,946.70	15.23	101.18	154.56	263.65	-5,576.08	6,092.97	5,977.59	115.38	52.808		
3,100.00	3,034.01	3,044.01	3,044.01	15.76	104.57	154.65	263.65	-5,576.08	6,113.87	5,994.63	119.24	51.272		
3,200.00	3,131.32	3,141.32	3,141.32	16.28	107.97	154.74	263.65	-5,576.08	6,134.79	6,011.68	123.11	49.832		
3,300.00	3,228.64	3,238.64	3,238.64	16.80	111.36	154.83	263.65	-5,576.08	6,155.72	6,028.74	126.98	48.479		
3,400.00	3,325.95	3,335.95	3,335.95	17.32	114.76	154.92	263.65	-5,576.08	6,176.66	6,045.82	130.85	47.206		
3,500.00	3,423.26	3,433.26	3,433.26	17.85	118.16	155.01	263.65	-5,576.08	6,197.62	6,062.91	134.71	46.006		
3,600.00	3,520.58	3,530.58	3,530.58	18.37	121.55	155.10	263.65	-5,576.08	6,218.59	6,080.01	138.58	44.873		
3,700.00	3,617.89	3,627.89	3,627.89	18.90	124.95	155.19	263.65	-5,576.08	6,239.58	6,097.13	142.45	43.801		
3,800.00	3,715.21	3,725.21	3,725.21	19.43	128.34	155.28	263.65	-5,576.08	6,260.58	6,114.26	146.32	42.786		
3,900.00	3,812.52	3,822.52	3,822.52	19.95	131.74	155.37	263.65	-5,576.08	6,281.60	6,131.41	150.19	41.824		
4,000.00	3,909.83	3,919.83	3,919.83	20.48	135.14	155.45	263.65	-5,576.08	6,302.63	6,148.57	154.06	40.909		
4,100.00	4,007.15	4,017.15	4,017.15	21.01	138.53	155.54	263.65	-5,576.08	6,323.68	6,165.74	157.93	40.040		
4,200.00	4,104.46	4,114.46	4,114.46	21.53	141.93	155.63	263.65	-5,576.08	6,344.74	6,182.93	161.81	39.212		
4,300.00	4,201.78	4,211.78	4,211.78	22.06	145.32	155.71	263.65	-5,576.08	6,365.81	6,200.13	165.68	38.423		
4,400.00	4,299.09	4,309.09	4,309.09	22.59	148.72	155.80	263.65	-5,576.08	6,386.89	6,217.34	169.55	37.670		
4,500.00	4,396.40	4,406.40	4,406.40	23.12	152.12	155.88	263.65	-5,576.08	6,407.99	6,234.57	173.42	36.950		
4,600.00	4,493.72	4,503.72	4,503.72	23.65	155.51	155.96	263.65	-5,576.08	6,429.10	6,251.81	177.29	36.262		
4,700.00	4,591.03	4,601.03	4,601.03	24.18	158.91	156.05	263.65	-5,576.08	6,450.23	6,269.06	181.17	35.604		
4,800.00	4,688.34	4,701.66	4,698.34	24.71	162.42	156.13	263.65	-5,576.08	6,471.37	6,286.21	185.15	34.951		
4,900.00	4,785.66	4,804.34	4,795.66	25.24	166.01	156.21	263.65	-5,576.08	6,492.52	6,303.30	189.21	34.313		
5,000.00	4,882.97	4,907.03	4,892.97	25.77	169.59	156.29	263.65	-5,576.08	6,513.68	6,320.41	193.28	33.702		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,009.71	4,990.29	26.30	173.18	156.37	263.65	-5,576.08	6,534.86	6,337.52	197.34	33.115		
5,200.00	5,077.60	5,087.60	5,087.60	26.83	175.89	156.45	263.65	-5,576.08	6,556.05	6,355.51	200.53	32.693		
5,300.00	5,174.91	5,184.91	5,184.91	27.36	179.29	156.53	263.65	-5,576.08	6,577.25	6,372.84	204.40	32.178		
5,400.00	5,272.23	5,282.23	5,282.23	27.89	182.69	156.61	263.65	-5,576.08	6,598.46	6,390.18	208.28	31.681		
5,500.00	5,369.54	5,379.54	5,379.54	28.42	186.08	156.69	263.65	-5,576.08	6,619.68	6,407.53	212.15	31.203		
5,600.00	5,466.86	5,476.86	5,476.86	28.95	189.48	156.77	263.65	-5,576.08	6,640.92	6,424.90	216.03	30.741		
5,700.00	5,564.17	5,574.17	5,574.17	29.48	192.88	156.85	263.65	-5,576.08	6,662.17	6,442.27	219.90	30.297		
5,800.00	5,661.48	5,671.48	5,671.48	30.01	196.27	156.92	263.65	-5,576.08	6,683.43	6,459.66	223.77	29.867		
5,900.00	5,758.80	5,768.80	5,768.80	30.54	199.67	157.00	263.65	-5,576.08	6,704.70	6,477.06	227.65	29.452		
6,000.00	5,856.11	5,866.11	5,866.11	31.07	203.07	157.08	263.65	-5,576.08	6,725.99	6,494.47	231.52	29.051		
6,100.00	5,953.43	5,963.43	5,963.43	31.61	206.46	157.15	263.65	-5,576.08	6,747.28	6,511.89	235.39	28.664		
6,200.00	6,050.74	6,060.74	6,060.74	32.14	209.86	157.23	263.65	-5,576.08	6,768.59	6,529.32	239.27	28.289		
6,300.00	6,148.05	6,158.05	6,158.05	32.67	213.26	157.30	263.65	-5,576.08	6,789.91	6,546.77	243.14	27.926		
6,400.00	6,245.37	6,255.37	6,255.37	33.20	216.65	157.38	263.65	-5,576.08	6,811.24	6,564.22	247.02	27.574		
6,500.00	6,342.68	6,352.68	6,352.68	33.73	220.05	157.45	263.65	-5,576.08	6,832.58	6,581.69	250.89	27.233		
6,520.81	6,362.93	6,372.93	6,372.93	33.85	220.76	157.47	263.65	-5,576.08	6,837.02	6,585.32	251.70	27.164		
6,550.00	6,391.46	6,401.46	6,401.46	34.00	221.75	151.11	263.65	-5,576.08	6,842.60	6,589.77	252.83	27.064		
6,600.00	6,440.79	6,450.79	6,450.79	34.23	223.48	132.17	263.65	-5,576.08	6,849.10	6,594.33	254.78	26.883		
6,650.00	6,490.44	6,500.44	6,500.44	34.43	225.21	97.01	263.65	-5,576.08	6,851.72	6,595.00	256.72	26.690		
6,700.00	6,540.10	6,550.10	6,550.10	34.60	226.94	60.92	263.65	-5,576.08	6,850.43	6,591.80	258.63	26.487		
6,750.00	6,589.46	6,600.54	6,599.46	34.76	228.70	41.16	263.65	-5,576.08	6,845.26	6,584.71	260.55	26.272		
6,800.00	6,638.22	6,648.22	6,648.22	34.92	230.37	31.23	263.65	-5,576.08	6,836.22	6,573.87	262.35	26.057		
6,850.00	6,686.09	6,703.91	6,696.09	35.07	232.31	25.70	263.65	-5,576.08	6,823.38	6,558.97	264.41	25.806		
6,900.00	6,732.75	6,742.75	6,742.75	35.24	233.67	22.34	263.65	-5,576.08	6,806.82	6,540.95	265.86	25.603		
6,950.00	6,777.94	6,787.94	6,787.94	35.42	235.24	20.19	263.65	-5,576.08	6,786.63	6,519.12	267.52	25.369		
7,000.00	6,821.36	6,831.36	6,831.36	35.61	236.76	18.81	263.65	-5,576.08	6,762.95	6,493.86	269.09	25.133		
7,050.00	6,862.75	6,872.75	6,872.75	35.83	238.21	17.95	263.65	-5,576.08	6,735.92	6,465.35	270.58	24.895		
7,100.00	6,901.85	6,911.85	6,911.85	36.06	239.57	17.49	263.65	-5,576.08	6,705.71	6,433.75	271.97	24.656		
7,150.00	6,938.43	6,948.43	6,948.43	36.32	240.85	17.38	263.65	-5,576.08	6,672.51	6,399.25	273.26	24.419		
7,200.00	6,972.26	6,982.26	6,982.26	36.61	242.03	17.59	263.65	-5,576.08	6,636.51	6,362.07	274.44	24.182		
7,250.00	7,003.13	7,013.13	7,013.13	36.93	243.11	18.14	263.65	-5,576.08	6,597.94	6,322.44	275.51	23.948		
7,300.00	7,030.85	7,040.85	7,040.85	37.29	244.07	19.10	263.65	-5,576.08	6,557.05	6,280.59	276.46	23.718		
7,350.00	7,055.25	7,065.25	7,065.25	37.68	244.92	20.57	263.65	-5,576.08	6,514.08	6,236.78	277.29	23.492		
7,400.00	7,076.17	7,086.17	7,086.17	38.12	245.66	22.78	263.65	-5,576.08	6,469.29	6,191.29	278.00	23.271		
7,450.00	7,093.50	7,103.50	7,103.50	38.60	246.26	26.14	263.65	-5,576.08	6,422.96	6,144.38	278.58	23.056		
7,500.00	7,107.11	7,117.11	7,117.11	39.11	246.74	31.48	263.65	-5,576.08	6,375.38	6,096.34	279.04	22.848		
7,550.00	7,116.94	7,126.94	7,126.94	39.66	247.08	40.63	263.65	-5,576.08	6,326.84	6,047.48	279.36	22.647		
7,600.00	7,122.91	7,132.91	7,132.91	40.24	247.29	57.77	263.65	-5,576.08	6,277.64	5,998.07	279.56	22.455		
7,650.18	7,125.00	7,135.00	7,135.00	40.85	247.36	88.86	263.65	-5,576.08	6,227.90	5,948.26	279.63	22.272		
7,700.00	7,125.12	7,135.12	7,135.12	41.48	247.36	88.87	263.65	-5,576.08	6,178.43	5,898.79	279.64	22.094		
7,800.00	7,125.36	7,135.36	7,135.36	42.88	247.37	88.88	263.65	-5,576.08	6,079.17	5,799.51	279.66	21.737		
7,900.00	7,125.60	7,135.60	7,135.60	44.42	247.38	88.90	263.65	-5,576.08	5,979.94	5,700.25	279.69	21.381		
8,000.00	7,125.84	7,135.84	7,135.84	46.10	247.39	88.92	263.65	-5,576.08	5,880.72	5,601.00	279.72	21.023		
8,100.00	7,126.08	7,136.08	7,136.08	47.89	247.40	88.94	263.65	-5,576.08	5,781.54	5,501.77	279.77	20.666		
8,200.00	7,126.32	7,136.32	7,136.32	49.79	247.41	88.96	263.65	-5,576.08	5,682.39	5,402.57	279.82	20.308		
8,300.00	7,126.56	7,136.56	7,136.56	51.79	247.41	88.98	263.65	-5,576.08	5,583.26	5,303.39	279.88	19.949		
8,400.00	7,126.80	7,136.80	7,136.80	53.86	247.42	89.00	263.65	-5,576.08	5,484.17	5,204.22	279.94	19.590		
8,500.00	7,127.04	7,137.04	7,137.04	56.00	247.43	89.01	263.65	-5,576.08	5,385.11	5,105.09	280.02	19.231		
8,600.00	7,127.28	7,137.28	7,137.28	58.21	247.44	89.03	263.65	-5,576.08	5,286.08	5,005.97	280.11	18.871		
8,689.38	7,127.49	7,137.49	7,137.49	60.24	247.45	89.05	263.65	-5,576.08	5,197.60	4,917.40	280.20	18.549		
8,700.00	7,127.52	7,137.52	7,137.52	60.48	247.45	89.07	263.65	-5,576.08	5,187.10	4,906.88	280.22	18.511		
8,800.00	7,127.76	7,137.76	7,137.76	62.79	247.46	89.27	263.65	-5,576.08	5,088.49	4,808.14	280.35	18.151		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,137.85	7,137.85	63.74	247.46	89.33	263.65	-5,576.08	5,048.19	4,767.78	280.41	18.003		
8,900.00	7,128.00	7,138.00	7,138.00	65.12	247.46	89.34	263.65	-5,576.08	4,990.47	4,709.95	280.52	17.790		
9,000.00	7,128.23	7,138.23	7,138.23	67.50	247.47	89.35	263.65	-5,576.08	4,892.58	4,611.86	280.72	17.429		
9,100.00	7,128.47	7,138.47	7,138.47	69.91	247.48	89.36	263.65	-5,576.08	4,794.78	4,513.83	280.95	17.066		
9,200.00	7,128.71	7,138.71	7,138.71	72.35	247.49	89.38	263.65	-5,576.08	4,697.07	4,415.87	281.21	16.703		
9,300.00	7,128.95	7,138.95	7,138.95	74.83	247.50	89.39	263.65	-5,576.08	4,599.47	4,317.97	281.50	16.339		
9,400.00	7,129.19	7,139.19	7,139.19	77.33	247.51	89.40	263.65	-5,576.08	4,501.97	4,220.13	281.83	15.974		
9,500.00	7,129.43	7,139.43	7,139.43	79.86	247.51	89.42	263.65	-5,576.08	4,404.58	4,122.37	282.20	15.608		
9,600.00	7,129.67	7,139.67	7,139.67	82.41	247.52	89.43	263.65	-5,576.08	4,307.30	4,024.69	282.61	15.241		
9,700.00	7,129.91	7,139.91	7,139.91	84.97	247.53	89.44	263.65	-5,576.08	4,210.16	3,927.09	283.07	14.873		
9,800.00	7,130.15	7,140.15	7,140.15	87.56	247.54	89.46	263.65	-5,576.08	4,113.16	3,829.57	283.58	14.504		
9,900.00	7,130.39	7,140.39	7,140.39	90.16	247.55	89.47	263.65	-5,576.08	4,016.30	3,732.15	284.15	14.135		
10,000.00	7,130.63	7,140.63	7,140.63	92.78	247.56	89.49	263.65	-5,576.08	3,919.60	3,634.83	284.77	13.764		
10,100.00	7,130.87	7,140.87	7,140.87	95.41	247.56	89.50	263.65	-5,576.08	3,823.06	3,537.60	285.46	13.393		
10,200.00	7,131.11	7,141.11	7,141.11	98.06	247.57	89.51	263.65	-5,576.08	3,726.72	3,440.50	286.22	13.020		
10,300.00	7,131.35	7,141.35	7,141.35	100.71	247.58	89.53	263.65	-5,576.08	3,630.56	3,343.51	287.06	12.648		
10,400.00	7,131.59	7,141.59	7,141.59	103.38	247.59	89.54	263.65	-5,576.08	3,534.63	3,246.65	287.97	12.274		
10,500.00	7,131.83	7,141.83	7,141.83	106.06	247.60	89.55	263.65	-5,576.08	3,438.92	3,149.94	288.98	11.900		
10,600.00	7,132.07	7,142.07	7,142.07	108.74	247.61	89.57	263.65	-5,576.08	3,343.47	3,053.38	290.09	11.526		
10,700.00	7,132.31	7,142.31	7,142.31	111.44	247.61	89.58	263.65	-5,576.08	3,248.28	2,956.99	291.30	11.151		
10,800.00	7,132.55	7,142.55	7,142.55	114.14	247.62	89.59	263.65	-5,576.08	3,153.40	2,860.78	292.62	10.776		
10,900.00	7,132.79	7,142.79	7,142.79	116.85	247.63	89.61	263.65	-5,576.08	3,058.84	2,764.77	294.07	10.402		
11,000.00	7,133.03	7,143.03	7,143.03	119.57	247.64	89.62	263.65	-5,576.08	2,964.64	2,668.98	295.66	10.027		
11,100.00	7,133.27	7,143.27	7,143.27	122.29	247.65	89.64	263.65	-5,576.08	2,870.84	2,573.44	297.39	9.653		
11,200.00	7,133.51	7,143.51	7,143.51	125.02	247.66	89.65	263.65	-5,576.08	2,777.46	2,478.18	299.28	9.280		
11,300.00	7,133.74	7,143.74	7,143.74	127.76	247.66	89.66	263.65	-5,576.08	2,684.56	2,383.21	301.35	8.908		
11,400.00	7,133.98	7,143.98	7,143.98	130.50	247.67	89.68	263.65	-5,576.08	2,592.19	2,288.59	303.61	8.538		
11,500.00	7,134.22	7,144.22	7,144.22	133.24	247.68	89.69	263.65	-5,576.08	2,500.41	2,194.34	306.07	8.169		
11,600.00	7,134.46	7,144.46	7,144.46	135.99	247.69	89.70	263.65	-5,576.08	2,409.28	2,100.52	308.76	7.803		
11,700.00	7,134.70	7,144.70	7,144.70	138.75	247.70	89.72	263.65	-5,576.08	2,318.89	2,007.19	311.70	7.439		
11,800.00	7,134.94	7,144.94	7,144.94	141.51	247.71	89.73	263.65	-5,576.08	2,229.31	1,914.40	314.91	7.079		
11,900.00	7,135.18	7,145.18	7,145.18	144.27	247.72	89.74	263.65	-5,576.08	2,140.65	1,822.24	318.41	6.723		
12,000.00	7,135.42	7,145.42	7,145.42	147.03	247.72	89.76	263.65	-5,576.08	2,053.04	1,730.80	322.24	6.371		
12,100.00	7,135.66	7,145.66	7,145.66	149.80	247.73	89.77	263.65	-5,576.08	1,966.62	1,640.19	326.42	6.025		
12,200.00	7,135.90	7,145.90	7,145.90	152.58	247.74	89.78	263.65	-5,576.08	1,881.53	1,550.55	330.99	5.685		
12,300.00	7,136.14	7,146.14	7,146.14	155.35	247.75	89.80	263.65	-5,576.08	1,797.98	1,462.01	335.97	5.352		
12,400.00	7,136.38	7,146.38	7,146.38	158.13	247.76	89.81	263.65	-5,576.08	1,716.20	1,374.79	341.41	5.027		
12,500.00	7,136.62	7,146.62	7,146.62	160.91	247.77	89.83	263.65	-5,576.08	1,636.44	1,289.11	347.32	4.712		
12,600.00	7,136.86	7,146.86	7,146.86	163.70	247.77	89.84	263.65	-5,576.08	1,559.01	1,205.26	353.75	4.407		
12,700.00	7,137.10	7,147.10	7,147.10	166.48	247.78	89.85	263.65	-5,576.08	1,484.28	1,123.57	360.71	4.115		
12,800.00	7,137.34	7,147.34	7,147.34	169.27	247.79	89.87	263.65	-5,576.08	1,412.69	1,044.48	368.21	3.837		
12,900.00	7,137.58	7,147.58	7,147.58	172.06	247.80	89.88	263.65	-5,576.08	1,344.72	968.50	376.22	3.574		
13,000.00	7,137.82	7,147.82	7,147.82	174.86	247.81	89.89	263.65	-5,576.08	1,280.96	896.26	384.70	3.330		
13,100.00	7,138.06	7,148.06	7,148.06	177.65	247.82	89.91	263.65	-5,576.08	1,222.06	828.51	393.55	3.105		
13,200.00	7,138.30	7,148.30	7,148.30	180.45	247.82	89.92	263.65	-5,576.08	1,168.77	766.15	402.62	2.903		
13,300.00	7,138.54	7,148.54	7,148.54	183.25	247.83	89.93	263.65	-5,576.08	1,121.88	710.19	411.69	2.725		
13,400.00	7,138.78	7,148.78	7,148.78	186.05	247.84	89.95	263.65	-5,576.08	1,082.22	661.77	420.45	2.574		
13,500.00	7,139.02	7,149.02	7,149.02	188.85	247.85	89.96	263.65	-5,576.08	1,050.61	622.06	428.55	2.452		
13,600.00	7,139.25	7,149.25	7,149.25	191.65	247.86	89.97	263.65	-5,576.08	1,027.80	592.20	435.59	2.360		
13,700.00	7,139.49	7,149.49	7,149.49	194.46	247.87	89.99	263.65	-5,576.08	1,014.37	573.15	441.22	2.299		
13,787.08	7,139.70	7,149.70	7,149.70	196.90	247.87	90.00	263.65	-5,576.08	1,010.63	565.90	444.73	2.272 CC		
13,800.00	7,139.73	7,149.73	7,149.73	197.27	247.87	90.00	263.65	-5,576.08	1,010.71	565.58	445.13	2.271 ES, SF		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,900.00	7,139.97	7,149.97	7,149.97	200.08	247.88	90.02	263.65	-5,576.08	1,016.92	569.73	447.18	2.274		
14,000.00	7,140.21	7,150.21	7,150.21	202.89	247.89	90.03	263.65	-5,576.08	1,032.81	585.44	447.37	2.309		
14,100.00	7,140.45	7,150.45	7,150.45	205.70	247.90	90.04	263.65	-5,576.08	1,057.96	612.10	445.86	2.373		
14,200.00	7,140.69	7,150.69	7,150.69	208.51	247.91	90.06	263.65	-5,576.08	1,091.73	648.80	442.93	2.465		
14,300.00	7,140.93	7,150.93	7,150.93	211.32	247.92	90.07	263.65	-5,576.08	1,133.34	694.46	438.88	2.582		
14,400.00	7,141.17	7,151.17	7,151.17	214.14	247.92	90.08	263.65	-5,576.08	1,181.96	747.92	434.05	2.723		
14,500.00	7,141.41	7,151.41	7,151.41	216.95	247.93	90.10	263.65	-5,576.08	1,236.78	808.05	428.73	2.885		
14,600.00	7,141.65	7,151.65	7,151.65	219.77	247.94	90.11	263.65	-5,576.08	1,297.00	873.83	423.17	3.065		
14,700.00	7,141.89	7,151.89	7,151.89	222.59	247.95	90.12	263.65	-5,576.08	1,361.91	944.36	417.55	3.262		
14,800.00	7,142.13	7,152.13	7,152.13	225.41	247.96	90.14	263.65	-5,576.08	1,430.87	1,018.86	412.01	3.473		
14,900.00	7,142.37	7,152.37	7,152.37	228.23	247.97	90.15	263.65	-5,576.08	1,503.32	1,096.68	406.63	3.697		
15,000.00	7,142.61	7,152.61	7,152.61	231.05	247.97	90.16	263.65	-5,576.08	1,578.78	1,177.29	401.48	3.932		
15,100.00	7,142.85	7,152.85	7,152.85	233.87	247.98	90.18	263.65	-5,576.08	1,656.84	1,260.24	396.60	4.178		
15,200.00	7,143.09	7,153.09	7,153.09	236.69	247.99	90.19	263.65	-5,576.08	1,737.16	1,345.17	391.99	4.432		
15,300.00	7,143.33	7,153.33	7,153.33	239.52	248.00	90.21	263.65	-5,576.08	1,819.42	1,431.76	387.66	4.693		
15,400.00	7,143.57	7,153.57	7,153.57	242.34	248.01	90.22	263.65	-5,576.08	1,903.39	1,519.78	383.60	4.962		
15,500.00	7,143.81	7,153.81	7,153.81	245.17	248.02	90.23	263.65	-5,576.08	1,988.83	1,609.03	379.81	5.236		
15,600.00	7,144.05	7,154.05	7,154.05	247.99	248.02	90.25	263.65	-5,576.08	2,075.58	1,699.32	376.26	5.516		
15,700.00	7,144.29	7,154.29	7,154.29	250.82	248.03	90.26	263.65	-5,576.08	2,163.47	1,790.52	372.95	5.801		
15,800.00	7,144.53	7,154.53	7,154.53	253.64	248.04	90.27	263.65	-5,576.08	2,252.38	1,882.51	369.86	6.090		
15,900.00	7,144.76	7,154.76	7,154.76	256.47	248.05	90.29	263.65	-5,576.08	2,342.18	1,975.20	366.98	6.382		
16,000.00	7,145.00	7,155.00	7,155.00	259.30	248.06	90.30	263.65	-5,576.08	2,432.77	2,068.49	364.28	6.678		
16,100.00	7,145.24	7,155.24	7,155.24	262.13	248.07	90.31	263.65	-5,576.08	2,524.07	2,162.32	361.76	6.977		
16,200.00	7,145.48	7,155.48	7,155.48	264.96	248.07	90.33	263.65	-5,576.08	2,616.02	2,256.62	359.40	7.279		
16,300.00	7,145.72	7,155.72	7,155.72	267.79	248.08	90.34	263.65	-5,576.08	2,708.53	2,351.34	357.18	7.583		
16,400.00	7,145.96	7,155.96	7,155.96	270.62	248.09	90.35	263.65	-5,576.08	2,801.55	2,446.44	355.11	7.889		
16,500.00	7,146.20	7,156.20	7,156.20	273.45	248.10	90.37	263.65	-5,576.08	2,895.04	2,541.88	353.16	8.197		
16,600.00	7,146.44	7,156.44	7,156.44	276.28	248.11	90.38	263.65	-5,576.08	2,988.96	2,637.62	351.33	8.507		
16,700.00	7,146.68	7,156.68	7,156.68	279.12	248.12	90.40	263.65	-5,576.08	3,083.25	2,733.64	349.61	8.819		
16,800.00	7,146.92	7,156.92	7,156.92	281.95	248.12	90.41	263.65	-5,576.08	3,177.90	2,829.90	347.99	9.132		
16,900.00	7,147.16	7,157.16	7,157.16	284.78	248.13	90.42	263.65	-5,576.08	3,272.86	2,926.39	346.46	9.446		
17,000.00	7,147.40	7,157.40	7,157.40	287.62	248.14	90.44	263.65	-5,576.08	3,368.11	3,023.09	345.02	9.762		
17,100.00	7,147.64	7,157.64	7,157.64	290.45	248.15	90.45	263.65	-5,576.08	3,463.64	3,119.97	343.66	10.079		
17,200.00	7,147.88	7,157.88	7,157.88	293.28	248.16	90.46	263.65	-5,576.08	3,559.40	3,217.03	342.38	10.396		
17,300.00	7,148.12	7,158.12	7,158.12	296.12	248.17	90.48	263.65	-5,576.08	3,655.40	3,314.24	341.16	10.715		
17,400.00	7,148.36	7,158.36	7,158.36	298.95	248.17	90.49	263.65	-5,576.08	3,751.60	3,411.59	340.01	11.034		
17,500.00	7,148.60	7,158.60	7,158.60	301.79	248.18	90.50	263.65	-5,576.08	3,848.00	3,509.08	338.91	11.354		
17,600.00	7,148.84	7,158.84	7,158.84	304.63	248.19	90.52	263.65	-5,576.08	3,944.58	3,606.70	337.88	11.675		
17,700.00	7,149.08	7,159.08	7,159.08	307.46	248.20	90.53	263.65	-5,576.08	4,041.32	3,704.42	336.90	11.996		
17,800.00	7,149.32	7,159.32	7,159.32	310.30	248.21	90.55	263.65	-5,576.08	4,138.22	3,802.25	335.96	12.318		
17,900.00	7,149.56	7,159.56	7,159.56	313.14	248.22	90.56	263.65	-5,576.08	4,235.26	3,900.18	335.07	12.640		
18,000.00	7,149.80	7,159.80	7,159.80	315.98	248.23	90.57	263.65	-5,576.08	4,332.44	3,998.21	334.23	12.962		
18,100.00	7,150.04	7,160.04	7,160.04	318.81	248.23	90.59	263.65	-5,576.08	4,429.74	4,096.31	333.43	13.286		
18,200.00	7,150.27	7,160.27	7,160.27	321.65	248.24	90.60	263.65	-5,576.08	4,527.16	4,194.50	332.66	13.609		
18,300.00	7,150.51	7,160.51	7,160.51	324.49	248.25	90.61	263.65	-5,576.08	4,624.69	4,292.76	331.93	13.933		
18,400.00	7,150.75	7,160.75	7,160.75	327.33	248.26	90.63	263.65	-5,576.08	4,722.32	4,391.08	331.24	14.257		
18,500.00	7,150.99	7,160.99	7,160.99	330.17	248.27	90.64	263.65	-5,576.08	4,820.05	4,489.48	330.57	14.581		
18,600.00	7,151.23	7,161.23	7,161.23	333.01	248.28	90.65	263.65	-5,576.08	4,917.87	4,587.93	329.94	14.905		
18,700.00	7,151.47	7,161.47	7,161.47	335.85	248.28	90.67	263.65	-5,576.08	5,015.78	4,686.45	329.33	15.230		
18,800.00	7,151.71	7,161.71	7,161.71	338.69	248.29	90.68	263.65	-5,576.08	5,113.77	4,785.01	328.76	15.555		
18,900.00	7,151.95	7,161.95	7,161.95	341.53	248.30	90.69	263.65	-5,576.08	5,211.83	4,883.63	328.21	15.880		
18,920.23	7,152.00	7,162.00	7,162.00	342.10	248.30	90.70	263.65	-5,576.08	5,231.68	4,903.59	328.10	15.946		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-88.43	88.73	-3,231.49	3,232.71					
100.00	100.00	116.00	116.00	3.28	4.01	-88.43	88.73	-3,231.49	3,232.71	3,225.41	7.29	443.257		
200.00	200.00	216.00	216.00	3.34	6.66	-88.43	88.73	-3,231.49	3,232.71	3,222.71	10.00	323.402		
300.00	299.98	315.98	315.98	3.44	9.85	151.57	88.73	-3,231.49	3,234.24	3,220.95	13.29	243.378		
400.00	399.84	415.84	415.84	3.60	13.19	151.57	88.73	-3,231.49	3,238.84	3,222.06	16.78	193.002		
500.00	499.45	515.45	515.45	3.80	16.58	151.57	88.73	-3,231.49	3,246.52	3,226.14	20.37	159.341		
600.00	598.70	614.70	614.70	4.04	19.98	151.57	88.73	-3,231.49	3,257.25	3,233.22	24.03	135.562		
700.00	697.47	713.47	713.47	4.33	23.39	151.57	88.73	-3,231.49	3,271.05	3,243.33	27.72	118.010		
800.00	795.62	811.62	811.62	4.65	26.79	151.57	88.73	-3,231.49	3,287.89	3,256.46	31.43	104.606		
865.50	859.53	875.53	875.53	4.89	29.01	151.56	88.73	-3,231.49	3,300.58	3,266.71	33.87	97.445		
900.00	893.10	909.10	909.10	5.02	30.17	151.63	88.73	-3,231.49	3,307.61	3,272.45	35.16	94.079		
1,000.00	990.42	1,006.42	1,006.42	5.41	33.55	151.81	88.73	-3,231.49	3,328.01	3,289.11	38.90	85.562		
1,100.00	1,087.73	1,103.73	1,103.73	5.83	36.93	152.00	88.73	-3,231.49	3,348.44	3,305.78	42.66	78.499		
1,200.00	1,185.05	1,201.05	1,201.05	6.27	40.32	152.18	88.73	-3,231.49	3,368.90	3,322.46	46.43	72.552		
1,300.00	1,282.36	1,301.64	1,298.36	6.72	43.82	152.36	88.73	-3,231.49	3,389.39	3,339.05	50.34	67.328		
1,400.00	1,379.67	1,404.33	1,395.67	7.18	47.39	152.54	88.73	-3,231.49	3,409.92	3,355.59	54.33	62.760		
1,500.00	1,476.99	1,507.01	1,492.99	7.65	50.97	152.72	88.73	-3,231.49	3,430.48	3,372.15	58.33	58.807		
1,600.00	1,574.30	1,609.70	1,590.30	8.13	54.55	152.89	88.73	-3,231.49	3,451.07	3,388.73	62.34	55.355		
1,700.00	1,671.61	1,687.61	1,687.61	8.62	57.26	153.06	88.73	-3,231.49	3,471.70	3,406.20	65.50	53.005		
1,800.00	1,768.93	1,784.93	1,784.93	9.11	60.66	153.23	88.73	-3,231.49	3,492.35	3,423.02	69.33	50.372		
1,900.00	1,866.24	1,882.24	1,882.24	9.60	64.05	153.40	88.73	-3,231.49	3,513.03	3,439.86	73.17	48.011		
2,000.00	1,963.56	1,979.56	1,979.56	10.10	67.44	153.57	88.73	-3,231.49	3,533.74	3,456.72	77.01	45.884		
2,100.00	2,060.87	2,076.87	2,076.87	10.61	70.83	153.73	88.73	-3,231.49	3,554.48	3,473.62	80.86	43.958		
2,200.00	2,158.18	2,174.18	2,174.18	11.11	74.23	153.89	88.73	-3,231.49	3,575.24	3,490.53	84.71	42.205		
2,300.00	2,255.50	2,271.50	2,271.50	11.62	77.62	154.05	88.73	-3,231.49	3,596.04	3,507.47	88.56	40.604		
2,400.00	2,352.81	2,368.81	2,368.81	12.13	81.02	154.21	88.73	-3,231.49	3,616.86	3,524.44	92.42	39.136		
2,500.00	2,450.13	2,466.13	2,466.13	12.65	84.41	154.37	88.73	-3,231.49	3,637.70	3,541.43	96.27	37.785		
2,600.00	2,547.44	2,563.44	2,563.44	13.16	87.81	154.53	88.73	-3,231.49	3,658.58	3,558.45	100.13	36.538		
2,700.00	2,644.75	2,660.75	2,660.75	13.68	91.20	154.68	88.73	-3,231.49	3,679.48	3,575.49	103.99	35.383		
2,800.00	2,742.07	2,758.07	2,758.07	14.20	94.60	154.83	88.73	-3,231.49	3,700.40	3,592.55	107.85	34.310		
2,900.00	2,839.38	2,855.38	2,855.38	14.71	97.99	154.98	88.73	-3,231.49	3,721.35	3,609.64	111.71	33.312		
3,000.00	2,936.70	2,952.70	2,952.70	15.23	101.39	155.13	88.73	-3,231.49	3,742.32	3,626.75	115.58	32.380		
3,100.00	3,034.01	3,050.01	3,050.01	15.76	104.78	155.28	88.73	-3,231.49	3,763.32	3,643.88	119.44	31.508		
3,200.00	3,131.32	3,147.32	3,147.32	16.28	108.18	155.42	88.73	-3,231.49	3,784.34	3,661.04	123.30	30.691		
3,300.00	3,228.64	3,244.64	3,244.64	16.80	111.57	155.56	88.73	-3,231.49	3,805.39	3,678.22	127.17	29.924		
3,400.00	3,325.95	3,341.95	3,341.95	17.32	114.97	155.71	88.73	-3,231.49	3,826.45	3,695.42	131.04	29.202		
3,500.00	3,423.26	3,439.26	3,439.26	17.85	118.36	155.85	88.73	-3,231.49	3,847.54	3,712.64	134.90	28.521		
3,600.00	3,520.58	3,536.58	3,536.58	18.37	121.76	155.99	88.73	-3,231.49	3,868.65	3,729.88	138.77	27.878		
3,700.00	3,617.89	3,633.89	3,633.89	18.90	125.16	156.12	88.73	-3,231.49	3,889.79	3,747.15	142.64	27.271		
3,800.00	3,715.21	3,731.21	3,731.21	19.43	128.55	156.26	88.73	-3,231.49	3,910.94	3,764.44	146.50	26.695		
3,900.00	3,812.52	3,828.52	3,828.52	19.95	131.95	156.39	88.73	-3,231.49	3,932.12	3,781.74	150.37	26.149		
4,000.00	3,909.83	3,925.83	3,925.83	20.48	135.35	156.53	88.73	-3,231.49	3,953.31	3,799.07	154.24	25.631		
4,100.00	4,007.15	4,023.15	4,023.15	21.01	138.74	156.66	88.73	-3,231.49	3,974.53	3,816.42	158.11	25.138		
4,200.00	4,104.46	4,120.46	4,120.46	21.53	142.14	156.79	88.73	-3,231.49	3,995.76	3,833.79	161.98	24.669		
4,300.00	4,201.78	4,217.78	4,217.78	22.06	145.53	156.92	88.73	-3,231.49	4,017.02	3,851.17	165.85	24.221		
4,400.00	4,299.09	4,315.09	4,315.09	22.59	148.93	157.04	88.73	-3,231.49	4,038.29	3,868.58	169.72	23.794		
4,500.00	4,396.40	4,412.40	4,412.40	23.12	152.33	157.17	88.73	-3,231.49	4,059.59	3,886.00	173.59	23.387		
4,600.00	4,493.72	4,509.72	4,509.72	23.65	155.72	157.30	88.73	-3,231.49	4,080.90	3,903.45	177.46	22.997		
4,700.00	4,591.03	4,607.03	4,607.03	24.18	159.12	157.42	88.73	-3,231.49	4,102.23	3,920.91	181.33	22.624		
4,800.00	4,688.34	4,704.34	4,704.34	24.71	162.52	157.54	88.73	-3,231.49	4,123.58	3,938.39	185.20	22.266		
4,900.00	4,785.66	4,801.66	4,801.66	25.24	165.91	157.66	88.73	-3,231.49	4,144.95	3,955.88	189.07	21.923		
5,000.00	4,882.97	4,901.03	4,898.97	25.77	169.38	157.78	88.73	-3,231.49	4,166.34	3,973.33	193.01	21.586		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,003.71	4,996.29	26.30	172.97	157.90	88.73	-3,231.49	4,187.74	3,990.67	197.07	21.250		
5,200.00	5,077.60	5,106.40	5,093.60	26.83	176.55	158.02	88.73	-3,231.49	4,209.16	4,008.03	201.12	20.928		
5,300.00	5,174.91	5,209.09	5,190.91	27.36	180.13	158.14	88.73	-3,231.49	4,230.59	4,025.41	205.18	20.619		
5,400.00	5,272.23	5,288.23	5,288.23	27.89	182.90	158.25	88.73	-3,231.49	4,252.05	4,043.63	208.42	20.402		
5,500.00	5,369.54	5,385.54	5,385.54	28.42	186.29	158.36	88.73	-3,231.49	4,273.52	4,061.23	212.29	20.131		
5,600.00	5,466.86	5,482.86	5,482.86	28.95	189.69	158.48	88.73	-3,231.49	4,295.00	4,078.84	216.16	19.870		
5,700.00	5,564.17	5,580.17	5,580.17	29.48	193.09	158.59	88.73	-3,231.49	4,316.50	4,096.47	220.03	19.618		
5,800.00	5,661.48	5,677.48	5,677.48	30.01	196.48	158.70	88.73	-3,231.49	4,338.02	4,114.12	223.90	19.375		
5,900.00	5,758.80	5,774.80	5,774.80	30.54	199.88	158.81	88.73	-3,231.49	4,359.55	4,131.78	227.77	19.140		
6,000.00	5,856.11	5,872.11	5,872.11	31.07	203.28	158.92	88.73	-3,231.49	4,381.10	4,149.46	231.64	18.913		
6,100.00	5,953.43	5,969.43	5,969.43	31.61	206.67	159.02	88.73	-3,231.49	4,402.66	4,167.15	235.51	18.694		
6,200.00	6,050.74	6,066.74	6,066.74	32.14	210.07	159.13	88.73	-3,231.49	4,424.24	4,184.86	239.38	18.482		
6,300.00	6,148.05	6,164.05	6,164.05	32.67	213.47	159.24	88.73	-3,231.49	4,445.83	4,202.58	243.26	18.276		
6,400.00	6,245.37	6,261.37	6,261.37	33.20	216.86	159.34	88.73	-3,231.49	4,467.44	4,220.31	247.13	18.078		
6,500.00	6,342.68	6,358.68	6,358.68	33.73	220.26	159.44	88.73	-3,231.49	4,489.06	4,238.06	251.00	17.885		
6,520.81	6,362.93	6,378.93	6,378.93	33.85	220.97	159.47	88.73	-3,231.49	4,493.56	4,241.75	251.80	17.846		
6,550.00	6,391.46	6,407.46	6,407.46	34.00	221.96	153.10	88.73	-3,231.49	4,499.22	4,246.29	252.94	17.788		
6,600.00	6,440.79	6,456.79	6,456.79	34.23	223.69	134.16	88.73	-3,231.49	4,505.89	4,251.01	254.88	17.678		
6,650.00	6,490.44	6,506.44	6,506.44	34.43	225.42	99.01	88.73	-3,231.49	4,508.68	4,251.86	256.82	17.556		
6,700.00	6,540.10	6,556.10	6,556.10	34.60	227.15	62.94	88.73	-3,231.49	4,507.60	4,248.86	258.74	17.422		
6,750.00	6,589.46	6,605.46	6,605.46	34.76	228.88	43.22	88.73	-3,231.49	4,502.64	4,242.02	260.62	17.277		
6,800.00	6,638.22	6,654.22	6,654.22	34.92	230.58	33.35	88.73	-3,231.49	4,493.83	4,231.38	262.45	17.122		
6,850.00	6,686.09	6,702.09	6,702.09	35.07	232.25	27.90	88.73	-3,231.49	4,481.24	4,217.00	264.24	16.959		
6,900.00	6,732.75	6,748.75	6,748.75	35.24	233.88	24.64	88.73	-3,231.49	4,464.95	4,198.98	265.96	16.788		
6,950.00	6,777.94	6,806.06	6,793.94	35.42	235.88	22.61	88.73	-3,231.49	4,445.04	4,177.01	268.04	16.584		
7,000.00	6,821.36	6,837.36	6,837.36	35.61	236.97	21.37	88.73	-3,231.49	4,421.66	4,152.48	269.19	16.426		
7,050.00	6,862.75	6,878.75	6,878.75	35.83	238.41	20.69	88.73	-3,231.49	4,394.95	4,124.28	270.67	16.237		
7,100.00	6,901.85	6,917.85	6,917.85	36.06	239.78	20.45	88.73	-3,231.49	4,365.07	4,093.01	272.06	16.045		
7,150.00	6,938.43	6,954.43	6,954.43	36.32	241.06	20.60	88.73	-3,231.49	4,332.21	4,058.86	273.35	15.849		
7,200.00	6,972.26	6,988.26	6,988.26	36.61	242.24	21.14	88.73	-3,231.49	4,296.57	4,022.04	274.53	15.651		
7,250.00	7,003.13	7,019.13	7,019.13	36.93	243.31	22.10	88.73	-3,231.49	4,258.37	3,982.77	275.60	15.451		
7,300.00	7,030.85	7,046.85	7,046.85	37.29	244.28	23.56	88.73	-3,231.49	4,217.85	3,941.31	276.55	15.252		
7,350.00	7,055.25	7,071.25	7,071.25	37.68	245.13	25.67	88.73	-3,231.49	4,175.27	3,897.89	277.38	15.052		
7,400.00	7,076.17	7,107.83	7,092.17	38.12	246.41	28.70	88.73	-3,231.49	4,130.87	3,852.24	278.64	14.825		
7,450.00	7,093.50	7,109.50	7,109.50	38.60	246.47	33.10	88.73	-3,231.49	4,084.95	3,806.27	278.67	14.658		
7,500.00	7,107.11	7,123.11	7,123.11	39.11	246.94	39.68	88.73	-3,231.49	4,037.77	3,758.63	279.13	14.465		
7,550.00	7,116.94	7,132.94	7,132.94	39.66	247.29	49.91	88.73	-3,231.49	3,989.63	3,710.16	279.47	14.276		
7,600.00	7,122.91	7,138.91	7,138.91	40.24	247.50	66.01	88.73	-3,231.49	3,940.82	3,661.15	279.67	14.091		
7,650.18	7,125.00	7,141.00	7,141.00	40.85	247.57	89.21	88.73	-3,231.49	3,891.48	3,611.72	279.75	13.910		
7,700.00	7,125.12	7,141.12	7,141.12	41.48	247.57	89.22	88.73	-3,231.49	3,842.41	3,562.64	279.77	13.734		
7,800.00	7,125.36	7,141.36	7,141.36	42.88	247.58	89.24	88.73	-3,231.49	3,743.98	3,464.16	279.82	13.380		
7,900.00	7,125.60	7,141.60	7,141.60	44.42	247.59	89.26	88.73	-3,231.49	3,645.64	3,365.75	279.88	13.025		
8,000.00	7,125.84	7,141.84	7,141.84	46.10	247.60	89.28	88.73	-3,231.49	3,547.39	3,267.42	279.97	12.671		
8,100.00	7,126.08	7,142.08	7,142.08	47.89	247.61	89.31	88.73	-3,231.49	3,449.24	3,169.17	280.07	12.316		
8,200.00	7,126.32	7,142.32	7,142.32	49.79	247.61	89.33	88.73	-3,231.49	3,351.20	3,071.00	280.19	11.960		
8,300.00	7,126.56	7,142.56	7,142.56	51.79	247.62	89.35	88.73	-3,231.49	3,253.28	2,972.93	280.35	11.605		
8,400.00	7,126.80	7,142.80	7,142.80	53.86	247.63	89.37	88.73	-3,231.49	3,155.49	2,874.96	280.53	11.248		
8,500.00	7,127.04	7,143.04	7,143.04	56.00	247.64	89.39	88.73	-3,231.49	3,057.84	2,777.09	280.75	10.892		
8,600.00	7,127.28	7,143.28	7,143.28	58.21	247.65	89.41	88.73	-3,231.49	2,960.35	2,679.34	281.00	10.535		
8,689.38	7,127.49	7,143.49	7,143.49	60.24	247.66	89.43	88.73	-3,231.49	2,873.35	2,592.08	281.27	10.216		
8,700.00	7,127.52	7,143.52	7,143.52	60.48	247.66	89.44	88.73	-3,231.49	2,863.04	2,581.73	281.31	10.178		
8,800.00	7,127.76	7,143.76	7,143.76	62.79	247.67	89.53	88.73	-3,231.49	2,766.45	2,484.76	281.69	9.821		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,143.85	7,143.85	63.74	247.67	89.56	88.73	-3,231.49	2,727.13	2,445.25	281.89	9.675		
8,900.00	7,128.00	7,144.00	7,144.00	65.12	247.67	89.57	88.73	-3,231.49	2,670.94	2,388.74	282.20	9.465		
9,000.00	7,128.23	7,144.23	7,144.23	67.50	247.68	89.59	88.73	-3,231.49	2,575.86	2,293.06	282.80	9.108		
9,100.00	7,128.47	7,144.47	7,144.47	69.91	247.69	89.60	88.73	-3,231.49	2,481.17	2,197.66	283.51	8.752		
9,200.00	7,128.71	7,144.71	7,144.71	72.35	247.70	89.62	88.73	-3,231.49	2,386.91	2,102.57	284.34	8.395		
9,300.00	7,128.95	7,144.95	7,144.95	74.83	247.71	89.64	88.73	-3,231.49	2,293.14	2,007.83	285.31	8.037		
9,400.00	7,129.19	7,145.19	7,145.19	77.33	247.72	89.65	88.73	-3,231.49	2,199.91	1,913.47	286.44	7.680		
9,500.00	7,129.43	7,145.43	7,145.43	79.86	247.72	89.67	88.73	-3,231.49	2,107.31	1,819.56	287.75	7.323		
9,600.00	7,129.67	7,145.67	7,145.67	82.41	247.73	89.69	88.73	-3,231.49	2,015.42	1,726.15	289.27	6.967		
9,700.00	7,129.91	7,145.91	7,145.91	84.97	247.74	89.71	88.73	-3,231.49	1,924.33	1,633.31	291.02	6.612		
9,800.00	7,130.15	7,146.15	7,146.15	87.56	247.75	89.72	88.73	-3,231.49	1,834.17	1,541.13	293.04	6.259		
9,900.00	7,130.39	7,146.39	7,146.39	90.16	247.76	89.74	88.73	-3,231.49	1,745.09	1,449.72	295.36	5.908		
10,000.00	7,130.63	7,146.63	7,146.63	92.78	247.77	89.76	88.73	-3,231.49	1,657.25	1,359.22	298.02	5.561		
10,100.00	7,130.87	7,146.87	7,146.87	95.41	247.77	89.77	88.73	-3,231.49	1,570.86	1,269.80	301.07	5.218		
10,200.00	7,131.11	7,147.11	7,147.11	98.06	247.78	89.79	88.73	-3,231.49	1,486.19	1,181.65	304.54	4.880		
10,300.00	7,131.35	7,147.35	7,147.35	100.71	247.79	89.81	88.73	-3,231.49	1,403.53	1,095.04	308.48	4.550		
10,400.00	7,131.59	7,147.59	7,147.59	103.38	247.80	89.82	88.73	-3,231.49	1,323.27	1,010.31	312.96	4.228		
10,500.00	7,131.83	7,147.83	7,147.83	106.06	247.81	89.84	88.73	-3,231.49	1,245.86	927.86	318.00	3.918		
10,600.00	7,132.07	7,148.07	7,148.07	108.74	247.82	89.86	88.73	-3,231.49	1,171.89	848.24	323.65	3.621		
10,700.00	7,132.31	7,148.31	7,148.31	111.44	247.82	89.87	88.73	-3,231.49	1,102.02	772.12	329.91	3.340		
10,800.00	7,132.55	7,148.55	7,148.55	114.14	247.83	89.89	88.73	-3,231.49	1,037.11	700.36	336.75	3.080		
10,900.00	7,132.79	7,148.79	7,148.79	116.85	247.84	89.91	88.73	-3,231.49	978.13	634.05	344.08	2.843		
11,000.00	7,133.03	7,149.03	7,149.03	119.57	247.85	89.92	88.73	-3,231.49	926.22	574.50	351.71	2.633		
11,100.00	7,133.27	7,149.27	7,149.27	122.29	247.86	89.94	88.73	-3,231.49	882.62	523.26	359.35	2.456		
11,200.00	7,133.51	7,149.51	7,149.51	125.02	247.87	89.96	88.73	-3,231.49	848.62	482.03	366.59	2.315		
11,300.00	7,133.74	7,149.74	7,149.74	127.76	247.87	89.98	88.73	-3,231.49	825.41	452.48	372.92	2.213		
11,400.00	7,133.98	7,149.98	7,149.98	130.50	247.88	89.99	88.73	-3,231.49	813.90	436.03	377.87	2.154		
11,444.30	7,134.09	7,150.09	7,150.09	131.71	247.89	90.00	88.73	-3,231.49	812.69	433.18	379.52	2.141	CC, ES	
11,500.00	7,134.22	7,150.22	7,150.22	133.24	247.89	90.01	88.73	-3,231.49	814.60	433.53	381.07	2.138	SF	
11,600.00	7,134.46	7,150.46	7,150.46	135.99	247.90	90.03	88.73	-3,231.49	827.47	445.09	382.38	2.164		
11,700.00	7,134.70	7,150.70	7,150.70	138.75	247.91	90.04	88.73	-3,231.49	851.97	470.06	381.91	2.231		
11,800.00	7,134.94	7,150.94	7,150.94	141.51	247.92	90.06	88.73	-3,231.49	887.12	507.17	379.96	2.335		
11,900.00	7,135.18	7,151.18	7,151.18	144.27	247.92	90.08	88.73	-3,231.49	931.73	554.81	376.93	2.472		
12,000.00	7,135.42	7,151.42	7,151.42	147.03	247.93	90.09	88.73	-3,231.49	984.51	611.31	373.20	2.638		
12,100.00	7,135.66	7,151.66	7,151.66	149.80	247.94	90.11	88.73	-3,231.49	1,044.22	675.11	369.12	2.829		
12,200.00	7,135.90	7,151.90	7,151.90	152.58	247.95	90.13	88.73	-3,231.49	1,109.75	744.83	364.92	3.041		
12,300.00	7,136.14	7,152.14	7,152.14	155.35	247.96	90.14	88.73	-3,231.49	1,180.12	819.34	360.78	3.271		
12,400.00	7,136.38	7,152.38	7,152.38	158.13	247.97	90.16	88.73	-3,231.49	1,254.52	897.71	356.81	3.516		
12,500.00	7,136.62	7,152.62	7,152.62	160.91	247.97	90.18	88.73	-3,231.49	1,332.28	979.22	353.06	3.774		
12,600.00	7,136.86	7,152.86	7,152.86	163.70	247.98	90.20	88.73	-3,231.49	1,412.83	1,063.28	349.56	4.042		
12,700.00	7,137.10	7,153.10	7,153.10	166.48	247.99	90.21	88.73	-3,231.49	1,495.74	1,149.43	346.31	4.319		
12,800.00	7,137.34	7,153.34	7,153.34	169.27	248.00	90.23	88.73	-3,231.49	1,580.62	1,237.30	343.32	4.604		
12,900.00	7,137.58	7,153.58	7,153.58	172.06	248.01	90.25	88.73	-3,231.49	1,667.19	1,326.62	340.57	4.895		
13,000.00	7,137.82	7,153.82	7,153.82	174.86	248.02	90.26	88.73	-3,231.49	1,755.18	1,417.14	338.04	5.192		
13,100.00	7,138.06	7,154.06	7,154.06	177.65	248.02	90.28	88.73	-3,231.49	1,844.39	1,508.67	335.72	5.494		
13,200.00	7,138.30	7,154.30	7,154.30	180.45	248.03	90.30	88.73	-3,231.49	1,934.66	1,601.08	333.58	5.800		
13,300.00	7,138.54	7,154.54	7,154.54	183.25	248.04	90.31	88.73	-3,231.49	2,025.85	1,694.23	331.62	6.109		
13,400.00	7,138.78	7,154.78	7,154.78	186.05	248.05	90.33	88.73	-3,231.49	2,117.83	1,788.01	329.82	6.421		
13,500.00	7,139.02	7,155.02	7,155.02	188.85	248.06	90.35	88.73	-3,231.49	2,210.51	1,882.35	328.15	6.736		
13,600.00	7,139.25	7,155.25	7,155.25	191.65	248.07	90.36	88.73	-3,231.49	2,303.79	1,977.18	326.62	7.054		
13,700.00	7,139.49	7,155.49	7,155.49	194.46	248.07	90.38	88.73	-3,231.49	2,397.63	2,072.43	325.19	7.373		
13,800.00	7,139.73	7,155.73	7,155.73	197.27	248.08	90.40	88.73	-3,231.49	2,491.94	2,168.06	323.88	7.694		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,900.00	7,139.97	7,155.97	7,155.97	200.08	248.09	90.41	88.73	-3,231.49	2,586.67	2,264.01	322.66	8.017		
14,000.00	7,140.21	7,156.21	7,156.21	202.89	248.10	90.43	88.73	-3,231.49	2,681.79	2,360.27	321.53	8.341		
14,100.00	7,140.45	7,156.45	7,156.45	205.70	248.11	90.45	88.73	-3,231.49	2,777.26	2,456.78	320.47	8.666		
14,200.00	7,140.69	7,156.69	7,156.69	208.51	248.12	90.47	88.73	-3,231.49	2,873.03	2,553.53	319.49	8.992		
14,300.00	7,140.93	7,156.93	7,156.93	211.32	248.13	90.48	88.73	-3,231.49	2,969.08	2,650.50	318.58	9.320		
14,400.00	7,141.17	7,157.17	7,157.17	214.14	248.13	90.50	88.73	-3,231.49	3,065.38	2,747.66	317.73	9.648		
14,500.00	7,141.41	7,157.41	7,157.41	216.95	248.14	90.52	88.73	-3,231.49	3,161.91	2,844.99	316.93	9.977		
14,600.00	7,141.65	7,157.65	7,157.65	219.77	248.15	90.53	88.73	-3,231.49	3,258.66	2,942.48	316.18	10.306		
14,700.00	7,141.89	7,157.89	7,157.89	222.59	248.16	90.55	88.73	-3,231.49	3,355.59	3,040.11	315.48	10.636		
14,800.00	7,142.13	7,158.13	7,158.13	225.41	248.17	90.57	88.73	-3,231.49	3,452.70	3,137.87	314.82	10.967		
14,900.00	7,142.37	7,158.37	7,158.37	228.23	248.18	90.58	88.73	-3,231.49	3,549.96	3,235.76	314.21	11.298		
15,000.00	7,142.61	7,158.61	7,158.61	231.05	248.18	90.60	88.73	-3,231.49	3,647.38	3,333.75	313.63	11.630		
15,100.00	7,142.85	7,158.85	7,158.85	233.87	248.19	90.62	88.73	-3,231.49	3,744.93	3,431.85	313.08	11.961		
15,200.00	7,143.09	7,159.09	7,159.09	236.69	248.20	90.63	88.73	-3,231.49	3,842.61	3,530.04	312.57	12.294		
15,300.00	7,143.33	7,159.33	7,159.33	239.52	248.21	90.65	88.73	-3,231.49	3,940.40	3,628.32	312.09	12.626		
15,400.00	7,143.57	7,159.57	7,159.57	242.34	248.22	90.67	88.73	-3,231.49	4,038.31	3,726.67	311.63	12.959		
15,500.00	7,143.81	7,159.81	7,159.81	245.17	248.23	90.68	88.73	-3,231.49	4,136.31	3,825.11	311.20	13.291		
15,600.00	7,144.05	7,160.05	7,160.05	247.99	248.23	90.70	88.73	-3,231.49	4,234.40	3,923.61	310.80	13.624		
15,700.00	7,144.29	7,160.29	7,160.29	250.82	248.24	90.72	88.73	-3,231.49	4,332.59	4,022.17	310.41	13.957		
15,800.00	7,144.53	7,160.53	7,160.53	253.64	248.25	90.74	88.73	-3,231.49	4,430.85	4,120.80	310.05	14.291		
15,900.00	7,144.76	7,160.76	7,160.76	256.47	248.26	90.75	88.73	-3,231.49	4,529.19	4,219.48	309.71	14.624		
16,000.00	7,145.00	7,161.00	7,161.00	259.30	248.27	90.77	88.73	-3,231.49	4,627.60	4,318.22	309.39	14.957		
16,100.00	7,145.24	7,161.24	7,161.24	262.13	248.28	90.79	88.73	-3,231.49	4,726.08	4,417.00	309.08	15.291		
16,200.00	7,145.48	7,161.48	7,161.48	264.96	248.28	90.80	88.73	-3,231.49	4,824.62	4,515.83	308.79	15.624		
16,300.00	7,145.72	7,161.72	7,161.72	267.79	248.29	90.82	88.73	-3,231.49	4,923.22	4,614.70	308.52	15.958		
16,400.00	7,145.96	7,161.96	7,161.96	270.62	248.30	90.84	88.73	-3,231.49	5,021.88	4,713.62	308.26	16.291		
16,500.00	7,146.20	7,162.20	7,162.20	273.45	248.31	90.85	88.73	-3,231.49	5,120.59	4,812.57	308.02	16.624		
16,600.00	7,146.44	7,162.44	7,162.44	276.28	248.32	90.87	88.73	-3,231.49	5,219.34	4,911.56	307.78	16.958		
16,700.00	7,146.68	7,162.68	7,162.68	279.12	248.33	90.89	88.73	-3,231.49	5,318.14	5,010.58	307.56	17.291		
16,800.00	7,146.92	7,162.92	7,162.92	281.95	248.33	90.90	88.73	-3,231.49	5,416.99	5,109.63	307.36	17.624		
16,900.00	7,147.16	7,163.16	7,163.16	284.78	248.34	90.92	88.73	-3,231.49	5,515.88	5,208.72	307.16	17.958		
17,000.00	7,147.40	7,163.40	7,163.40	287.62	248.35	90.94	88.73	-3,231.49	5,614.81	5,307.83	306.98	18.291		
17,100.00	7,147.64	7,163.64	7,163.64	290.45	248.36	90.96	88.73	-3,231.49	5,713.77	5,406.97	306.80	18.624		
17,200.00	7,147.88	7,163.88	7,163.88	293.28	248.37	90.97	88.73	-3,231.49	5,812.77	5,506.14	306.63	18.957		
17,300.00	7,148.12	7,164.12	7,164.12	296.12	248.38	90.99	88.73	-3,231.49	5,911.81	5,605.33	306.48	19.289		
17,400.00	7,148.36	7,164.36	7,164.36	298.95	248.38	91.01	88.73	-3,231.49	6,010.87	5,704.54	306.33	19.622		
17,500.00	7,148.60	7,164.60	7,164.60	301.79	248.39	91.02	88.73	-3,231.49	6,109.97	5,803.78	306.19	19.955		
17,600.00	7,148.84	7,164.84	7,164.84	304.63	248.40	91.04	88.73	-3,231.49	6,209.09	5,903.03	306.06	20.287		
17,700.00	7,149.08	7,165.08	7,165.08	307.46	248.41	91.06	88.73	-3,231.49	6,308.25	6,002.31	305.94	20.619		
17,800.00	7,149.32	7,165.32	7,165.32	310.30	248.42	91.07	88.73	-3,231.49	6,407.43	6,101.61	305.82	20.952		
17,900.00	7,149.56	7,165.56	7,165.56	313.14	248.43	91.09	88.73	-3,231.49	6,506.63	6,200.92	305.71	21.284		
18,000.00	7,149.80	7,165.80	7,165.80	315.98	248.43	91.11	88.73	-3,231.49	6,605.86	6,300.25	305.61	21.615		
18,100.00	7,150.04	7,166.04	7,166.04	318.81	248.44	91.12	88.73	-3,231.49	6,705.11	6,399.60	305.51	21.947		
18,200.00	7,150.27	7,166.27	7,166.27	321.65	248.45	91.14	88.73	-3,231.49	6,804.38	6,498.96	305.42	22.279		
18,300.00	7,150.51	7,166.51	7,166.51	324.49	248.46	91.16	88.73	-3,231.49	6,903.68	6,598.34	305.34	22.610		
18,400.00	7,150.75	7,166.75	7,166.75	327.33	248.47	91.17	88.73	-3,231.49	7,002.99	6,697.73	305.26	22.941		
18,500.00	7,150.99	7,166.99	7,166.99	330.17	248.48	91.19	88.73	-3,231.49	7,102.33	6,797.14	305.19	23.272		
18,600.00	7,151.23	7,167.23	7,167.23	333.01	248.48	91.21	88.73	-3,231.49	7,201.68	6,896.56	305.12	23.603		
18,700.00	7,151.47	7,167.47	7,167.47	335.85	248.49	91.23	88.73	-3,231.49	7,301.05	6,995.99	305.06	23.933		
18,800.00	7,151.71	7,167.71	7,167.71	338.69	248.50	91.24	88.73	-3,231.49	7,400.43	7,095.44	305.00	24.264		
18,900.00	7,151.95	7,167.95	7,167.95	341.53	248.51	91.26	88.73	-3,231.49	7,499.84	7,194.89	304.95	24.594		
18,920.23	7,152.00	7,168.00	7,168.00	342.10	248.51	91.26	88.73	-3,231.49	7,519.95	7,215.02	304.94	24.661		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-110.42	-1,088.38	-2,923.77	3,119.78					
100.00	100.00	102.00	98.00	3.28	3.75	-110.42	-1,088.38	-2,923.77	3,119.78	3,112.74	7.03	443.558		
200.00	200.00	202.00	198.00	3.34	6.24	-110.42	-1,088.38	-2,923.77	3,119.78	3,110.20	9.58	325.817		
300.00	299.98	302.02	297.98	3.44	9.39	129.59	-1,088.38	-2,923.77	3,120.89	3,108.06	12.83	243.237		
400.00	399.84	402.16	397.84	3.60	12.72	129.61	-1,088.38	-2,923.77	3,124.23	3,107.91	16.32	191.454		
500.00	499.45	502.55	497.45	3.80	16.14	129.65	-1,088.38	-2,923.77	3,129.80	3,109.87	19.93	157.027		
600.00	598.70	603.30	596.70	4.04	19.59	129.70	-1,088.38	-2,923.77	3,137.62	3,113.98	23.63	132.758		
700.00	697.47	704.53	695.47	4.33	23.08	129.76	-1,088.38	-2,923.77	3,147.69	3,120.28	27.41	114.831		
800.00	795.62	806.38	793.62	4.65	26.61	129.83	-1,088.38	-2,923.77	3,160.04	3,128.78	31.26	101.096		
865.50	859.53	857.53	857.53	4.89	28.38	129.88	-1,088.38	-2,923.77	3,169.37	3,136.10	33.26	95.287		
900.00	893.10	908.90	891.10	5.02	30.16	129.99	-1,088.38	-2,923.77	3,174.55	3,139.38	35.17	90.265		
1,000.00	990.42	988.42	988.42	5.41	32.92	130.31	-1,088.38	-2,923.77	3,189.63	3,151.32	38.31	83.264		
1,100.00	1,087.73	1,085.73	1,085.73	5.83	36.31	130.61	-1,088.38	-2,923.77	3,204.80	3,162.71	42.09	76.147		
1,200.00	1,185.05	1,183.05	1,183.05	6.27	39.69	130.92	-1,088.38	-2,923.77	3,220.07	3,174.18	45.89	70.176		
1,300.00	1,282.36	1,280.36	1,280.36	6.72	43.08	131.22	-1,088.38	-2,923.77	3,235.43	3,185.73	49.70	65.100		
1,400.00	1,379.67	1,377.67	1,377.67	7.18	46.47	131.52	-1,088.38	-2,923.77	3,250.87	3,197.35	53.53	60.735		
1,500.00	1,476.99	1,474.99	1,474.99	7.65	49.85	131.82	-1,088.38	-2,923.77	3,266.41	3,209.05	57.36	56.945		
1,600.00	1,574.30	1,572.30	1,572.30	8.13	53.24	132.12	-1,088.38	-2,923.77	3,282.04	3,220.83	61.20	53.624		
1,700.00	1,671.61	1,669.61	1,669.61	8.62	56.64	132.41	-1,088.38	-2,923.77	3,297.75	3,232.70	65.06	50.692		
1,800.00	1,768.93	1,766.93	1,766.93	9.11	60.03	132.70	-1,088.38	-2,923.77	3,313.55	3,244.64	68.91	48.084		
1,900.00	1,866.24	1,864.24	1,864.24	9.60	63.42	132.99	-1,088.38	-2,923.77	3,329.43	3,256.66	72.77	45.752		
2,000.00	1,963.56	1,961.56	1,961.56	10.10	66.81	133.27	-1,088.38	-2,923.77	3,345.40	3,268.76	76.64	43.653		
2,100.00	2,060.87	2,058.87	2,058.87	10.61	70.21	133.55	-1,088.38	-2,923.77	3,361.45	3,280.94	80.50	41.756		
2,200.00	2,158.18	2,156.18	2,156.18	11.11	73.60	133.83	-1,088.38	-2,923.77	3,377.57	3,293.20	84.37	40.031		
2,300.00	2,255.50	2,253.50	2,253.50	11.62	76.99	134.11	-1,088.38	-2,923.77	3,393.78	3,305.54	88.25	38.458		
2,400.00	2,352.81	2,350.81	2,350.81	12.13	80.39	134.38	-1,088.38	-2,923.77	3,410.07	3,317.95	92.12	37.018		
2,500.00	2,450.13	2,448.13	2,448.13	12.65	83.78	134.65	-1,088.38	-2,923.77	3,426.43	3,330.44	96.00	35.694		
2,600.00	2,547.44	2,545.44	2,545.44	13.16	87.18	134.92	-1,088.38	-2,923.77	3,442.87	3,343.00	99.87	34.472		
2,700.00	2,644.75	2,642.75	2,642.75	13.68	90.57	135.19	-1,088.38	-2,923.77	3,459.39	3,355.63	103.75	33.343		
2,800.00	2,742.07	2,740.07	2,740.07	14.20	93.97	135.45	-1,088.38	-2,923.77	3,475.98	3,368.34	107.63	32.295		
2,900.00	2,839.38	2,837.38	2,837.38	14.71	97.36	135.71	-1,088.38	-2,923.77	3,492.64	3,381.13	111.51	31.321		
3,000.00	2,936.70	2,934.70	2,934.70	15.23	100.76	135.97	-1,088.38	-2,923.77	3,509.37	3,393.98	115.39	30.412		
3,100.00	3,034.01	3,032.01	3,032.01	15.76	104.15	136.23	-1,088.38	-2,923.77	3,526.18	3,406.90	119.27	29.564		
3,200.00	3,131.32	3,129.32	3,129.32	16.28	107.55	136.48	-1,088.38	-2,923.77	3,543.05	3,419.89	123.16	28.769		
3,300.00	3,228.64	3,226.64	3,226.64	16.80	110.95	136.74	-1,088.38	-2,923.77	3,559.99	3,432.95	127.04	28.023		
3,400.00	3,325.95	3,323.95	3,323.95	17.32	114.34	136.99	-1,088.38	-2,923.77	3,577.00	3,446.08	130.92	27.322		
3,500.00	3,423.26	3,421.26	3,421.26	17.85	117.74	137.23	-1,088.38	-2,923.77	3,594.08	3,459.28	134.81	26.661		
3,600.00	3,520.58	3,518.58	3,518.58	18.37	121.13	137.48	-1,088.38	-2,923.77	3,611.23	3,472.54	138.69	26.038		
3,700.00	3,617.89	3,615.89	3,615.89	18.90	124.53	137.72	-1,088.38	-2,923.77	3,628.44	3,485.86	142.57	25.450		
3,800.00	3,715.21	3,713.21	3,713.21	19.43	127.92	137.96	-1,088.38	-2,923.77	3,645.71	3,499.25	146.46	24.893		
3,900.00	3,812.52	3,810.52	3,810.52	19.95	131.32	138.20	-1,088.38	-2,923.77	3,663.05	3,512.71	150.34	24.365		
4,000.00	3,909.83	3,907.83	3,907.83	20.48	134.72	138.44	-1,088.38	-2,923.77	3,680.44	3,526.22	154.22	23.864		
4,100.00	4,007.15	4,005.15	4,005.15	21.01	138.11	138.67	-1,088.38	-2,923.77	3,697.90	3,539.80	158.11	23.389		
4,200.00	4,104.46	4,102.46	4,102.46	21.53	141.51	138.90	-1,088.38	-2,923.77	3,715.43	3,553.43	161.99	22.936		
4,300.00	4,201.78	4,200.22	4,199.78	22.06	144.92	139.13	-1,088.38	-2,923.77	3,733.01	3,567.12	165.89	22.503		
4,400.00	4,299.09	4,302.91	4,297.09	22.59	148.51	139.36	-1,088.38	-2,923.77	3,750.65	3,580.68	169.96	22.068		
4,500.00	4,396.40	4,405.60	4,394.40	23.12	152.09	139.58	-1,088.38	-2,923.77	3,768.34	3,594.31	174.03	21.653		
4,600.00	4,493.72	4,508.28	4,491.72	23.65	155.67	139.81	-1,088.38	-2,923.77	3,786.10	3,607.99	178.10	21.258		
4,700.00	4,591.03	4,589.03	4,589.03	24.18	158.49	140.03	-1,088.38	-2,923.77	3,803.91	3,622.50	181.41	20.969		
4,800.00	4,688.34	4,686.34	4,686.34	24.71	161.89	140.25	-1,088.38	-2,923.77	3,821.78	3,636.48	185.29	20.626		
4,900.00	4,785.66	4,783.66	4,783.66	25.24	165.28	140.47	-1,088.38	-2,923.77	3,839.70	3,650.52	189.18	20.297		
5,000.00	4,882.97	4,880.97	4,880.97	25.77	168.68	140.68	-1,088.38	-2,923.77	3,857.68	3,664.62	193.06	19.982		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	4,978.29	4,978.29	26.30	172.08	140.89	-1,088.38	-2,923.77	3,875.71	3,678.76	196.94	19.679		
5,200.00	5,077.60	5,075.60	5,075.60	26.83	175.47	141.11	-1,088.38	-2,923.77	3,893.79	3,692.96	200.82	19.389		
5,300.00	5,174.91	5,172.91	5,172.91	27.36	178.87	141.31	-1,088.38	-2,923.77	3,911.92	3,707.21	204.71	19.110		
5,400.00	5,272.23	5,270.23	5,270.23	27.89	182.27	141.52	-1,088.38	-2,923.77	3,930.11	3,721.52	208.59	18.841		
5,500.00	5,369.54	5,367.54	5,367.54	28.42	185.66	141.73	-1,088.38	-2,923.77	3,948.34	3,735.87	212.47	18.583		
5,600.00	5,466.86	5,464.86	5,464.86	28.95	189.06	141.93	-1,088.38	-2,923.77	3,966.63	3,750.27	216.35	18.334		
5,700.00	5,564.17	5,562.17	5,562.17	29.48	192.46	142.13	-1,088.38	-2,923.77	3,984.96	3,764.73	220.24	18.094		
5,800.00	5,661.48	5,659.48	5,659.48	30.01	195.85	142.33	-1,088.38	-2,923.77	4,003.35	3,779.23	224.12	17.863		
5,900.00	5,758.80	5,756.80	5,756.80	30.54	199.25	142.53	-1,088.38	-2,923.77	4,021.78	3,793.78	228.00	17.639		
6,000.00	5,856.11	5,854.11	5,854.11	31.07	202.65	142.73	-1,088.38	-2,923.77	4,040.25	3,808.37	231.88	17.424		
6,100.00	5,953.43	5,951.43	5,951.43	31.61	206.05	142.92	-1,088.38	-2,923.77	4,058.78	3,823.02	235.76	17.216		
6,200.00	6,050.74	6,048.74	6,048.74	32.14	209.44	143.12	-1,088.38	-2,923.77	4,077.35	3,837.71	239.64	17.014		
6,300.00	6,148.05	6,146.05	6,146.05	32.67	212.84	143.31	-1,088.38	-2,923.77	4,095.96	3,852.44	243.52	16.820		
6,400.00	6,245.37	6,243.37	6,243.37	33.20	216.24	143.50	-1,088.38	-2,923.77	4,114.62	3,867.22	247.41	16.631		
6,500.00	6,342.68	6,340.68	6,340.68	33.73	219.63	143.69	-1,088.38	-2,923.77	4,133.33	3,882.04	251.29	16.449		
6,520.81	6,362.93	6,360.93	6,360.93	33.85	220.34	143.73	-1,088.38	-2,923.77	4,137.23	3,885.13	252.09	16.411		
6,550.00	6,391.46	6,389.46	6,389.46	34.00	221.34	137.51	-1,088.38	-2,923.77	4,142.04	3,888.82	253.23	16.357		
6,600.00	6,440.79	6,438.79	6,438.79	34.23	223.06	118.74	-1,088.38	-2,923.77	4,147.25	3,892.08	255.17	16.253		
6,650.00	6,490.44	6,488.44	6,488.44	34.43	224.79	83.65	-1,088.38	-2,923.77	4,148.59	3,891.48	257.11	16.135		
6,700.00	6,540.10	6,538.10	6,538.10	34.60	226.52	47.55	-1,088.38	-2,923.77	4,146.04	3,887.02	259.02	16.006		
6,750.00	6,589.46	6,587.46	6,587.46	34.76	228.25	27.67	-1,088.38	-2,923.77	4,139.63	3,878.73	260.90	15.867		
6,800.00	6,638.22	6,636.22	6,636.22	34.92	229.95	17.53	-1,088.38	-2,923.77	4,129.39	3,866.66	262.73	15.717		
6,850.00	6,686.09	6,684.09	6,684.09	35.07	231.62	11.69	-1,088.38	-2,923.77	4,115.38	3,850.86	264.52	15.558		
6,900.00	6,732.75	6,730.75	6,730.75	35.24	233.25	7.91	-1,088.38	-2,923.77	4,097.68	3,831.44	266.24	15.391		
6,950.00	6,777.94	6,775.94	6,775.94	35.42	234.83	5.20	-1,088.38	-2,923.77	4,076.41	3,808.51	267.90	15.216		
7,000.00	6,821.36	6,819.36	6,819.36	35.61	236.34	3.11	-1,088.38	-2,923.77	4,051.69	3,782.20	269.49	15.035		
7,050.00	6,862.75	6,860.75	6,860.75	35.83	237.79	1.35	-1,088.38	-2,923.77	4,023.68	3,752.69	270.99	14.848		
7,100.00	6,901.85	6,900.15	6,899.85	36.06	239.16	-0.22	-1,088.38	-2,923.77	3,992.54	3,720.13	272.41	14.656		
7,150.00	6,938.43	6,936.43	6,936.43	36.32	240.43	-1.75	-1,088.38	-2,923.77	3,958.48	3,684.77	273.71	14.462		
7,200.00	6,972.26	6,970.26	6,970.26	36.61	241.61	-3.32	-1,088.38	-2,923.77	3,921.69	3,646.78	274.91	14.265		
7,250.00	7,003.13	7,001.13	7,001.13	36.93	242.69	-5.05	-1,088.38	-2,923.77	3,882.42	3,606.40	276.01	14.066		
7,300.00	7,030.85	7,028.85	7,028.85	37.29	243.65	-7.09	-1,088.38	-2,923.77	3,840.89	3,563.90	276.99	13.866		
7,350.00	7,055.25	7,053.25	7,053.25	37.68	244.51	-9.63	-1,088.38	-2,923.77	3,797.37	3,519.52	277.85	13.667		
7,400.00	7,076.17	7,074.17	7,074.17	38.12	245.24	-13.00	-1,088.38	-2,923.77	3,752.13	3,473.54	278.59	13.468		
7,450.00	7,093.50	7,108.50	7,091.50	38.60	246.43	-17.78	-1,088.38	-2,923.77	3,705.44	3,425.65	279.80	13.243		
7,500.00	7,107.11	7,105.11	7,105.11	39.11	246.32	-25.12	-1,088.38	-2,923.77	3,657.61	3,377.92	279.69	13.077		
7,550.00	7,116.94	7,114.94	7,114.94	39.66	246.66	-37.33	-1,088.38	-2,923.77	3,608.92	3,328.87	280.05	12.887		
7,600.00	7,122.91	7,120.91	7,120.91	40.24	246.87	-58.41	-1,088.38	-2,923.77	3,559.68	3,279.40	280.28	12.701		
7,650.18	7,125.00	7,123.00	7,123.00	40.85	246.94	-89.03	-1,088.38	-2,923.77	3,510.02	3,229.64	280.38	12.519		
7,700.00	7,125.12	7,123.12	7,123.12	41.48	246.94	-89.04	-1,088.38	-2,923.77	3,460.70	3,180.28	280.42	12.341		
7,800.00	7,125.36	7,123.36	7,123.36	42.88	246.95	-89.07	-1,088.38	-2,923.77	3,361.75	3,081.24	280.50	11.985		
7,900.00	7,125.60	7,123.60	7,123.60	44.42	246.96	-89.10	-1,088.38	-2,923.77	3,262.86	2,982.26	280.61	11.628		
8,000.00	7,125.84	7,123.84	7,123.84	46.10	246.97	-89.13	-1,088.38	-2,923.77	3,164.05	2,883.32	280.72	11.271		
8,100.00	7,126.08	7,124.08	7,124.08	47.89	246.98	-89.16	-1,088.38	-2,923.77	3,065.31	2,784.45	280.86	10.914		
8,200.00	7,126.32	7,124.32	7,124.32	49.79	246.99	-89.18	-1,088.38	-2,923.77	2,966.65	2,685.64	281.01	10.557		
8,300.00	7,126.56	7,124.56	7,124.56	51.79	247.00	-89.21	-1,088.38	-2,923.77	2,868.09	2,586.90	281.19	10.200		
8,400.00	7,126.80	7,124.80	7,124.80	53.86	247.00	-89.24	-1,088.38	-2,923.77	2,769.63	2,488.23	281.40	9.842		
8,500.00	7,127.04	7,125.04	7,125.04	56.00	247.01	-89.27	-1,088.38	-2,923.77	2,671.29	2,389.65	281.64	9.485		
8,600.00	7,127.28	7,125.28	7,125.28	58.21	247.02	-89.30	-1,088.38	-2,923.77	2,573.07	2,291.16	281.92	9.127		
8,689.38	7,127.49	7,125.49	7,125.49	60.24	247.03	-89.32	-1,088.38	-2,923.77	2,485.40	2,203.21	282.20	8.807		
8,700.00	7,127.52	7,125.52	7,125.52	60.48	247.03	-89.31	-1,088.38	-2,923.77	2,475.00	2,192.76	282.23	8.769		
8,800.00	7,127.76	7,125.76	7,125.76	62.79	247.04	-89.20	-1,088.38	-2,923.77	2,376.67	2,094.11	282.56	8.411		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,125.85	7,125.85	63.74	247.04	-89.14	-1,088.38	-2,923.77	2,336.15	2,053.46	282.69	8.264		
8,900.00	7,128.00	7,126.00	7,126.00	65.12	247.05	-89.16	-1,088.38	-2,923.77	2,277.97	1,995.09	282.88	8.053		
9,000.00	7,128.23	7,126.23	7,126.23	67.50	247.05	-89.20	-1,088.38	-2,923.77	2,179.34	1,896.10	283.24	7.694		
9,100.00	7,128.47	7,126.47	7,126.47	69.91	247.06	-89.23	-1,088.38	-2,923.77	2,080.84	1,797.19	283.66	7.336		
9,200.00	7,128.71	7,126.71	7,126.71	72.35	247.07	-89.27	-1,088.38	-2,923.77	1,982.49	1,698.36	284.13	6.977		
9,300.00	7,128.95	7,126.95	7,126.95	74.83	247.08	-89.31	-1,088.38	-2,923.77	1,884.32	1,599.63	284.68	6.619		
9,400.00	7,129.19	7,127.19	7,127.19	77.33	247.09	-89.35	-1,088.38	-2,923.77	1,786.34	1,501.02	285.32	6.261		
9,500.00	7,129.43	7,127.43	7,127.43	79.86	247.10	-89.38	-1,088.38	-2,923.77	1,688.61	1,402.53	286.07	5.903		
9,600.00	7,129.67	7,127.67	7,127.67	82.41	247.10	-89.42	-1,088.38	-2,923.77	1,591.15	1,304.19	286.96	5.545		
9,700.00	7,129.91	7,127.91	7,127.91	84.97	247.11	-89.46	-1,088.38	-2,923.77	1,494.03	1,206.03	288.00	5.188		
9,800.00	7,130.15	7,128.15	7,128.15	87.56	247.12	-89.50	-1,088.38	-2,923.77	1,397.32	1,108.07	289.25	4.831		
9,900.00	7,130.39	7,128.39	7,128.39	90.16	247.13	-89.53	-1,088.38	-2,923.77	1,301.10	1,010.35	290.75	4.475		
10,000.00	7,130.63	7,128.63	7,128.63	92.78	247.14	-89.57	-1,088.38	-2,923.77	1,205.50	912.94	292.56	4.121		
10,100.00	7,130.87	7,128.87	7,128.87	95.41	247.15	-89.61	-1,088.38	-2,923.77	1,110.68	815.90	294.77	3.768		
10,200.00	7,131.11	7,129.11	7,129.11	98.06	247.15	-89.65	-1,088.38	-2,923.77	1,016.84	719.35	297.50	3.418		
10,300.00	7,131.35	7,129.35	7,129.35	100.71	247.16	-89.68	-1,088.38	-2,923.77	924.31	623.43	300.88	3.072		
10,400.00	7,131.59	7,129.59	7,129.59	103.38	247.17	-89.72	-1,088.38	-2,923.77	833.49	528.38	305.11	2.732		
10,500.00	7,131.83	7,129.83	7,129.83	106.06	247.18	-89.76	-1,088.38	-2,923.77	745.04	434.59	310.45	2.400		
10,600.00	7,132.07	7,130.07	7,130.07	108.74	247.19	-89.80	-1,088.38	-2,923.77	659.88	342.69	317.19	2.080		
10,700.00	7,132.31	7,130.31	7,130.31	111.44	247.20	-89.83	-1,088.38	-2,923.77	579.49	253.81	325.69	1.779		
10,800.00	7,132.55	7,130.55	7,130.55	114.14	247.20	-89.87	-1,088.38	-2,923.77	506.14	170.00	336.15	1.506		
10,900.00	7,132.79	7,130.79	7,130.79	116.85	247.21	-89.91	-1,088.38	-2,923.77	443.34	95.07	348.27	1.273 Level 3		
11,000.00	7,133.03	7,131.03	7,131.03	119.57	247.22	-89.94	-1,088.38	-2,923.77	396.13	35.70	360.43	1.099 Level 2		
11,100.00	7,133.27	7,131.27	7,131.27	122.29	247.23	-89.98	-1,088.38	-2,923.77	370.52	1.46	369.06	1.004 Level 2		
11,148.16	7,133.38	7,131.38	7,131.38	123.61	247.23	-90.00	-1,088.38	-2,923.77	367.38	-3.37	370.75	0.991 Level 1, CC, ES, SF		
11,200.00	7,133.51	7,131.51	7,131.51	125.02	247.24	-90.02	-1,088.38	-2,923.77	371.02	0.62	370.40	1.002 Level 2		
11,300.00	7,133.74	7,131.74	7,131.74	127.76	247.25	-90.06	-1,088.38	-2,923.77	397.52	33.32	364.20	1.091 Level 2		
11,400.00	7,133.98	7,131.98	7,131.98	130.50	247.25	-90.09	-1,088.38	-2,923.77	445.41	91.45	353.96	1.258 Level 3		
11,500.00	7,134.22	7,132.22	7,132.22	133.24	247.26	-90.13	-1,088.38	-2,923.77	508.68	165.52	343.16	1.482 Level 3		
11,600.00	7,134.46	7,132.46	7,132.46	135.99	247.27	-90.17	-1,088.38	-2,923.77	582.34	248.79	333.55	1.746		
11,700.00	7,134.70	7,132.70	7,132.70	138.75	247.28	-90.21	-1,088.38	-2,923.77	662.94	337.37	325.57	2.036		
11,800.00	7,134.94	7,132.94	7,132.94	141.51	247.29	-90.24	-1,088.38	-2,923.77	748.24	429.14	319.10	2.345		
11,900.00	7,135.18	7,133.18	7,133.18	144.27	247.30	-90.28	-1,088.38	-2,923.77	836.79	522.91	313.88	2.666		
12,000.00	7,135.42	7,133.42	7,133.42	147.03	247.30	-90.32	-1,088.38	-2,923.77	927.68	618.01	309.67	2.996		
12,100.00	7,135.66	7,133.66	7,133.66	149.80	247.31	-90.36	-1,088.38	-2,923.77	1,020.27	714.03	306.24	3.332		
12,200.00	7,135.90	7,133.90	7,133.90	152.58	247.32	-90.39	-1,088.38	-2,923.77	1,114.15	810.72	303.43	3.672		
12,300.00	7,136.14	7,134.14	7,134.14	155.35	247.33	-90.43	-1,088.38	-2,923.77	1,209.00	907.91	301.10	4.015		
12,400.00	7,136.38	7,134.38	7,134.38	158.13	247.34	-90.47	-1,088.38	-2,923.77	1,304.63	1,005.48	299.15	4.361		
12,500.00	7,136.62	7,134.62	7,134.62	160.91	247.35	-90.51	-1,088.38	-2,923.77	1,400.87	1,103.35	297.51	4.709		
12,600.00	7,136.86	7,134.86	7,134.86	163.70	247.35	-90.54	-1,088.38	-2,923.77	1,497.60	1,201.47	296.12	5.057		
12,700.00	7,137.10	7,135.10	7,135.10	166.48	247.36	-90.58	-1,088.38	-2,923.77	1,594.73	1,299.79	294.94	5.407		
12,800.00	7,137.34	7,135.34	7,135.34	169.27	247.37	-90.62	-1,088.38	-2,923.77	1,692.19	1,398.27	293.92	5.757		
12,900.00	7,137.58	7,135.58	7,135.58	172.06	247.38	-90.65	-1,088.38	-2,923.77	1,789.94	1,496.90	293.04	6.108		
13,000.00	7,137.82	7,135.82	7,135.82	174.86	247.39	-90.69	-1,088.38	-2,923.77	1,887.92	1,595.64	292.28	6.459		
13,100.00	7,138.06	7,136.06	7,136.06	177.65	247.40	-90.73	-1,088.38	-2,923.77	1,986.11	1,694.49	291.62	6.811		
13,200.00	7,138.30	7,136.30	7,136.30	180.45	247.40	-90.77	-1,088.38	-2,923.77	2,084.46	1,793.42	291.04	7.162		
13,300.00	7,138.54	7,136.54	7,136.54	183.25	247.41	-90.80	-1,088.38	-2,923.77	2,182.97	1,892.44	290.53	7.514		
13,400.00	7,138.78	7,136.78	7,136.78	186.05	247.42	-90.84	-1,088.38	-2,923.77	2,281.60	1,991.52	290.08	7.865		
13,500.00	7,139.02	7,137.02	7,137.02	188.85	247.43	-90.88	-1,088.38	-2,923.77	2,380.35	2,090.66	289.69	8.217		
13,600.00	7,139.25	7,137.25	7,137.25	191.65	247.44	-90.92	-1,088.38	-2,923.77	2,479.20	2,189.86	289.34	8.568		
13,700.00	7,139.49	7,137.49	7,137.49	194.46	247.45	-90.95	-1,088.38	-2,923.77	2,578.14	2,289.11	289.03	8.920		
13,800.00	7,139.73	7,137.73	7,137.73	197.27	247.46	-90.99	-1,088.38	-2,923.77	2,677.16	2,388.40	288.76	9.271		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,900.00	7,139.97	7,137.97	7,137.97	200.08	247.46	-91.03	-1,088.38	-2,923.77	2,776.25	2,487.73	288.52	9.622		
14,000.00	7,140.21	7,138.21	7,138.21	202.89	247.47	-91.07	-1,088.38	-2,923.77	2,875.40	2,587.09	288.30	9.974		
14,100.00	7,140.45	7,138.45	7,138.45	205.70	247.48	-91.10	-1,088.38	-2,923.77	2,974.60	2,686.49	288.11	10.324		
14,200.00	7,140.69	7,138.69	7,138.69	208.51	247.49	-91.14	-1,088.38	-2,923.77	3,073.86	2,785.92	287.95	10.675		
14,300.00	7,140.93	7,138.93	7,138.93	211.32	247.50	-91.18	-1,088.38	-2,923.77	3,173.17	2,885.37	287.80	11.026		
14,400.00	7,141.17	7,139.17	7,139.17	214.14	247.51	-91.21	-1,088.38	-2,923.77	3,272.52	2,984.85	287.67	11.376		
14,500.00	7,141.41	7,139.41	7,139.41	216.95	247.51	-91.25	-1,088.38	-2,923.77	3,371.90	3,084.35	287.55	11.726		
14,600.00	7,141.65	7,139.65	7,139.65	219.77	247.52	-91.29	-1,088.38	-2,923.77	3,471.32	3,183.87	287.45	12.076		
14,700.00	7,141.89	7,139.89	7,139.89	222.59	247.53	-91.33	-1,088.38	-2,923.77	3,570.78	3,283.41	287.37	12.426		
14,800.00	7,142.13	7,140.13	7,140.13	225.41	247.54	-91.36	-1,088.38	-2,923.77	3,670.26	3,382.97	287.29	12.775		
14,900.00	7,142.37	7,140.37	7,140.37	228.23	247.55	-91.40	-1,088.38	-2,923.77	3,769.77	3,482.54	287.23	13.125		
15,000.00	7,142.61	7,140.61	7,140.61	231.05	247.56	-91.44	-1,088.38	-2,923.77	3,869.31	3,582.13	287.18	13.474		
15,100.00	7,142.85	7,140.85	7,140.85	233.87	247.56	-91.48	-1,088.38	-2,923.77	3,968.87	3,681.74	287.13	13.822		
15,200.00	7,143.09	7,141.09	7,141.09	236.69	247.57	-91.51	-1,088.38	-2,923.77	4,068.45	3,781.35	287.10	14.171		
15,300.00	7,143.33	7,141.33	7,141.33	239.52	247.58	-91.55	-1,088.38	-2,923.77	4,168.05	3,880.98	287.07	14.519		
15,400.00	7,143.57	7,141.57	7,141.57	242.34	247.59	-91.59	-1,088.38	-2,923.77	4,267.67	3,980.62	287.05	14.867		
15,500.00	7,143.81	7,141.81	7,141.81	245.17	247.60	-91.63	-1,088.38	-2,923.77	4,367.31	4,080.27	287.03	15.215		
15,600.00	7,144.05	7,142.05	7,142.05	247.99	247.61	-91.66	-1,088.38	-2,923.77	4,466.96	4,179.93	287.03	15.563		
15,700.00	7,144.29	7,142.29	7,142.29	250.82	247.61	-91.70	-1,088.38	-2,923.77	4,566.63	4,279.60	287.02	15.910		
15,800.00	7,144.53	7,142.53	7,142.53	253.64	247.62	-91.74	-1,088.38	-2,923.77	4,666.31	4,379.28	287.03	16.257		
15,900.00	7,144.76	7,142.76	7,142.76	256.47	247.63	-91.77	-1,088.38	-2,923.77	4,766.01	4,478.97	287.04	16.604		
16,000.00	7,145.00	7,143.00	7,143.00	259.30	247.64	-91.81	-1,088.38	-2,923.77	4,865.71	4,578.66	287.05	16.951		
16,100.00	7,145.24	7,143.24	7,143.24	262.13	247.65	-91.85	-1,088.38	-2,923.77	4,965.43	4,678.36	287.07	17.297		
16,200.00	7,145.48	7,143.48	7,143.48	264.96	247.66	-91.89	-1,088.38	-2,923.77	5,065.17	4,778.07	287.09	17.643		
16,300.00	7,145.72	7,143.72	7,143.72	267.79	247.66	-91.92	-1,088.38	-2,923.77	5,164.91	4,877.79	287.12	17.989		
16,400.00	7,145.96	7,143.96	7,143.96	270.62	247.67	-91.96	-1,088.38	-2,923.77	5,264.66	4,977.51	287.15	18.334		
16,500.00	7,146.20	7,144.20	7,144.20	273.45	247.68	-92.00	-1,088.38	-2,923.77	5,364.42	5,077.23	287.18	18.679		
16,600.00	7,146.44	7,144.44	7,144.44	276.28	247.69	-92.04	-1,088.38	-2,923.77	5,464.19	5,176.97	287.22	19.024		
16,700.00	7,146.68	7,144.68	7,144.68	279.12	247.70	-92.07	-1,088.38	-2,923.77	5,563.96	5,276.70	287.26	19.369		
16,800.00	7,146.92	7,144.92	7,144.92	281.95	247.71	-92.11	-1,088.38	-2,923.77	5,663.75	5,376.44	287.31	19.713		
16,900.00	7,147.16	7,145.16	7,145.16	284.78	247.71	-92.15	-1,088.38	-2,923.77	5,763.54	5,476.19	287.35	20.057		
17,000.00	7,147.40	7,145.40	7,145.40	287.62	247.72	-92.19	-1,088.38	-2,923.77	5,863.34	5,575.94	287.40	20.401		
17,100.00	7,147.64	7,145.64	7,145.64	290.45	247.73	-92.22	-1,088.38	-2,923.77	5,963.15	5,675.69	287.46	20.744		
17,200.00	7,147.88	7,145.88	7,145.88	293.28	247.74	-92.26	-1,088.38	-2,923.77	6,062.96	5,775.45	287.51	21.088		
17,300.00	7,148.12	7,146.12	7,146.12	296.12	247.75	-92.30	-1,088.38	-2,923.77	6,162.78	5,875.21	287.57	21.431		
17,400.00	7,148.36	7,146.36	7,146.36	298.95	247.76	-92.33	-1,088.38	-2,923.77	6,262.61	5,974.98	287.63	21.773		
17,500.00	7,148.60	7,146.60	7,146.60	301.79	247.76	-92.37	-1,088.38	-2,923.77	6,362.44	6,074.74	287.69	22.115		
17,600.00	7,148.84	7,146.84	7,146.84	304.63	247.77	-92.41	-1,088.38	-2,923.77	6,462.27	6,174.51	287.76	22.457		
17,700.00	7,149.08	7,147.08	7,147.08	307.46	247.78	-92.45	-1,088.38	-2,923.77	6,562.11	6,274.29	287.82	22.799		
17,800.00	7,149.32	7,147.32	7,147.32	310.30	247.79	-92.48	-1,088.38	-2,923.77	6,661.96	6,374.07	287.89	23.140		
17,900.00	7,149.56	7,147.56	7,147.56	313.14	247.80	-92.52	-1,088.38	-2,923.77	6,761.81	6,473.84	287.96	23.482		
18,000.00	7,149.80	7,147.80	7,147.80	315.98	247.81	-92.56	-1,088.38	-2,923.77	6,861.66	6,573.63	288.03	23.822		
18,100.00	7,150.04	7,148.04	7,148.04	318.81	247.81	-92.60	-1,088.38	-2,923.77	6,961.52	6,673.41	288.11	24.163		
18,200.00	7,150.27	7,148.27	7,148.27	321.65	247.82	-92.63	-1,088.38	-2,923.77	7,061.38	6,773.20	288.19	24.503		
18,300.00	7,150.51	7,148.51	7,148.51	324.49	247.83	-92.67	-1,088.38	-2,923.77	7,161.25	6,872.99	288.26	24.843		
18,400.00	7,150.75	7,148.75	7,148.75	327.33	247.84	-92.71	-1,088.38	-2,923.77	7,261.12	6,972.78	288.34	25.182		
18,500.00	7,150.99	7,148.99	7,148.99	330.17	247.85	-92.74	-1,088.38	-2,923.77	7,360.99	7,072.57	288.42	25.521		
18,600.00	7,151.23	7,149.23	7,149.23	333.01	247.86	-92.78	-1,088.38	-2,923.77	7,460.87	7,172.36	288.51	25.860		
18,700.00	7,151.47	7,149.47	7,149.47	335.85	247.86	-92.82	-1,088.38	-2,923.77	7,560.75	7,272.16	288.59	26.199		
18,800.00	7,151.71	7,149.71	7,149.71	338.69	247.87	-92.86	-1,088.38	-2,923.77	7,660.63	7,371.96	288.68	26.537		
18,900.00	7,151.95	7,149.95	7,149.95	341.53	247.88	-92.89	-1,088.38	-2,923.77	7,760.52	7,471.75	288.76	26.875		
18,920.23	7,152.00	7,150.00	7,150.00	342.10	247.88	-92.90	-1,088.38	-2,923.77	7,780.73	7,491.95	288.78	26.943		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-176.90	-3,968.75	-215.00	3,974.63					
100.00	100.00	78.00	78.00	3.28	3.55	-176.90	-3,968.75	-215.00	3,974.57	3,967.73	6.84	581.412		
200.00	200.00	178.00	178.00	3.34	5.54	-176.90	-3,968.75	-215.00	3,974.57	3,965.69	8.88	447.581		
300.00	299.98	277.98	277.98	3.44	8.61	63.14	-3,968.75	-215.00	3,973.78	3,961.73	12.05	329.793		
400.00	399.84	377.84	377.84	3.60	11.91	63.25	-3,968.75	-215.00	3,971.42	3,955.92	15.50	256.230		
500.00	499.45	477.45	477.45	3.80	15.28	63.43	-3,968.75	-215.00	3,967.49	3,948.42	19.07	208.015		
600.00	598.70	576.70	576.70	4.04	18.68	63.68	-3,968.75	-215.00	3,962.03	3,939.32	22.72	174.416		
700.00	697.47	675.47	675.47	4.33	22.08	64.01	-3,968.75	-215.00	3,955.07	3,928.67	26.40	149.798		
800.00	795.62	773.62	773.62	4.65	25.47	64.41	-3,968.75	-215.00	3,946.64	3,916.52	30.12	131.040		
865.50	859.53	837.53	837.53	4.89	27.69	64.71	-3,968.75	-215.00	3,940.35	3,907.79	32.56	121.011		
900.00	893.10	871.10	871.10	5.02	28.85	64.81	-3,968.75	-215.00	3,936.89	3,903.04	33.85	116.295		
1,000.00	990.42	968.42	968.42	5.41	32.23	65.11	-3,968.75	-215.00	3,926.92	3,889.31	37.61	104.403		
1,100.00	1,087.73	1,065.73	1,065.73	5.83	35.61	65.40	-3,968.75	-215.00	3,917.07	3,875.67	41.40	94.617		
1,200.00	1,185.05	1,163.05	1,163.05	6.27	38.99	65.70	-3,968.75	-215.00	3,907.33	3,862.12	45.21	86.434		
1,300.00	1,282.36	1,260.36	1,260.36	6.72	42.38	66.01	-3,968.75	-215.00	3,897.70	3,848.67	49.03	79.497		
1,400.00	1,379.67	1,357.67	1,357.67	7.18	45.77	66.31	-3,968.75	-215.00	3,888.18	3,835.31	52.87	73.548		
1,500.00	1,476.99	1,454.99	1,454.99	7.65	49.16	66.61	-3,968.75	-215.00	3,878.77	3,822.06	56.71	68.392		
1,600.00	1,574.30	1,552.30	1,552.30	8.13	52.55	66.92	-3,968.75	-215.00	3,869.48	3,808.91	60.57	63.883		
1,700.00	1,671.61	1,649.61	1,649.61	8.62	55.94	67.23	-3,968.75	-215.00	3,860.30	3,795.87	64.44	59.909		
1,800.00	1,768.93	1,746.93	1,746.93	9.11	59.33	67.54	-3,968.75	-215.00	3,851.24	3,782.93	68.31	56.381		
1,900.00	1,866.24	1,844.24	1,844.24	9.60	62.72	67.85	-3,968.75	-215.00	3,842.30	3,770.11	72.19	53.228		
2,000.00	1,963.56	1,941.56	1,941.56	10.10	66.12	68.16	-3,968.75	-215.00	3,833.47	3,757.40	76.07	50.395		
2,100.00	2,060.87	2,038.87	2,038.87	10.61	69.51	68.47	-3,968.75	-215.00	3,824.76	3,744.80	79.96	47.836		
2,200.00	2,158.18	2,136.18	2,136.18	11.11	72.90	68.78	-3,968.75	-215.00	3,816.17	3,732.32	83.85	45.514		
2,300.00	2,255.50	2,233.50	2,233.50	11.62	76.30	69.10	-3,968.75	-215.00	3,807.70	3,719.96	87.74	43.397		
2,400.00	2,352.81	2,330.81	2,330.81	12.13	79.69	69.42	-3,968.75	-215.00	3,799.35	3,707.71	91.64	41.460		
2,500.00	2,450.13	2,428.13	2,428.13	12.65	83.09	69.73	-3,968.75	-215.00	3,791.12	3,695.58	95.54	39.682		
2,600.00	2,547.44	2,525.44	2,525.44	13.16	86.48	70.05	-3,968.75	-215.00	3,783.02	3,683.57	99.44	38.043		
2,700.00	2,644.75	2,622.75	2,622.75	13.68	89.87	70.37	-3,968.75	-215.00	3,775.03	3,671.69	103.35	36.528		
2,800.00	2,742.07	2,720.07	2,720.07	14.20	93.27	70.70	-3,968.75	-215.00	3,767.17	3,659.92	107.25	35.124		
2,900.00	2,839.38	2,817.38	2,817.38	14.71	96.67	71.02	-3,968.75	-215.00	3,759.44	3,648.28	111.16	33.820		
3,000.00	2,936.70	2,914.70	2,914.70	15.23	100.06	71.34	-3,968.75	-215.00	3,751.83	3,636.76	115.07	32.604		
3,100.00	3,034.01	3,012.01	3,012.01	15.76	103.46	71.67	-3,968.75	-215.00	3,744.35	3,625.36	118.98	31.469		
3,200.00	3,131.32	3,109.32	3,109.32	16.28	106.85	72.00	-3,968.75	-215.00	3,736.99	3,614.09	122.90	30.407		
3,300.00	3,228.64	3,206.64	3,206.64	16.80	110.25	72.32	-3,968.75	-215.00	3,729.76	3,602.95	126.81	29.411		
3,400.00	3,325.95	3,303.95	3,303.95	17.32	113.64	72.65	-3,968.75	-215.00	3,722.66	3,591.93	130.73	28.476		
3,500.00	3,423.26	3,401.26	3,401.26	17.85	117.04	72.98	-3,968.75	-215.00	3,715.69	3,581.04	134.65	27.596		
3,600.00	3,520.58	3,501.42	3,498.58	18.37	120.53	73.32	-3,968.75	-215.00	3,708.85	3,570.18	138.67	26.747		
3,700.00	3,617.89	3,604.11	3,595.89	18.90	124.12	73.65	-3,968.75	-215.00	3,702.14	3,559.36	142.77	25.930		
3,800.00	3,715.21	3,706.79	3,693.21	19.43	127.70	73.98	-3,968.75	-215.00	3,695.56	3,548.67	146.88	25.160		
3,900.00	3,812.52	3,809.48	3,790.52	19.95	131.28	74.32	-3,968.75	-215.00	3,689.11	3,538.12	150.99	24.432		
4,000.00	3,909.83	3,887.83	3,887.83	20.48	134.02	74.65	-3,968.75	-215.00	3,682.79	3,528.54	154.25	23.875		
4,100.00	4,007.15	3,985.15	3,985.15	21.01	137.42	74.99	-3,968.75	-215.00	3,676.61	3,518.43	158.18	23.244		
4,200.00	4,104.46	4,082.46	4,082.46	21.53	140.81	75.33	-3,968.75	-215.00	3,670.56	3,508.46	162.10	22.643		
4,300.00	4,201.78	4,179.78	4,179.78	22.06	144.21	75.67	-3,968.75	-215.00	3,664.65	3,498.62	166.03	22.073		
4,400.00	4,299.09	4,277.09	4,277.09	22.59	147.60	76.01	-3,968.75	-215.00	3,658.87	3,488.92	169.95	21.529		
4,500.00	4,396.40	4,374.40	4,374.40	23.12	151.00	76.35	-3,968.75	-215.00	3,653.23	3,479.35	173.88	21.010		
4,600.00	4,493.72	4,471.72	4,471.72	23.65	154.40	76.69	-3,968.75	-215.00	3,647.72	3,469.92	177.81	20.515		
4,700.00	4,591.03	4,569.03	4,569.03	24.18	157.79	77.04	-3,968.75	-215.00	3,642.36	3,460.62	181.74	20.042		
4,800.00	4,688.34	4,666.34	4,666.34	24.71	161.19	77.38	-3,968.75	-215.00	3,637.13	3,451.46	185.67	19.590		
4,900.00	4,785.66	4,763.66	4,763.66	25.24	164.59	77.73	-3,968.75	-215.00	3,632.03	3,442.44	189.60	19.157		
5,000.00	4,882.97	4,860.97	4,860.97	25.77	167.98	78.07	-3,968.75	-215.00	3,627.08	3,433.55	193.53	18.742		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	4,958.29	4,958.29	26.30	171.38	78.42	-3,968.75	-215.00	3,622.27	3,424.81	197.46	18.345		
5,200.00	5,077.60	5,055.60	5,055.60	26.83	174.78	78.77	-3,968.75	-215.00	3,617.59	3,416.21	201.39	17.963		
5,300.00	5,174.91	5,152.91	5,152.91	27.36	178.17	79.12	-3,968.75	-215.00	3,613.06	3,407.74	205.32	17.597		
5,400.00	5,272.23	5,250.23	5,250.23	27.89	181.57	79.47	-3,968.75	-215.00	3,608.67	3,399.42	209.25	17.246		
5,500.00	5,369.54	5,347.54	5,347.54	28.42	184.97	79.82	-3,968.75	-215.00	3,604.42	3,391.24	213.18	16.908		
5,600.00	5,466.86	5,444.86	5,444.86	28.95	188.36	80.17	-3,968.75	-215.00	3,600.31	3,383.19	217.12	16.582		
5,700.00	5,564.17	5,542.17	5,542.17	29.48	191.76	80.52	-3,968.75	-215.00	3,596.35	3,375.30	221.05	16.269		
5,800.00	5,661.48	5,639.48	5,639.48	30.01	195.16	80.87	-3,968.75	-215.00	3,592.52	3,367.54	224.98	15.968		
5,900.00	5,758.80	5,736.80	5,736.80	30.54	198.55	81.23	-3,968.75	-215.00	3,588.85	3,359.93	228.92	15.678		
6,000.00	5,856.11	5,834.11	5,834.11	31.07	201.95	81.58	-3,968.75	-215.00	3,585.31	3,352.46	232.85	15.397		
6,100.00	5,953.43	5,931.43	5,931.43	31.61	205.35	81.93	-3,968.75	-215.00	3,581.92	3,345.14	236.79	15.127		
6,200.00	6,050.74	6,028.74	6,028.74	32.14	208.74	82.29	-3,968.75	-215.00	3,578.68	3,337.96	240.72	14.867		
6,300.00	6,148.05	6,126.05	6,126.05	32.67	212.14	82.65	-3,968.75	-215.00	3,575.58	3,330.92	244.65	14.615		
6,400.00	6,245.37	6,223.37	6,223.37	33.20	215.54	83.00	-3,968.75	-215.00	3,572.62	3,324.03	248.59	14.372		
6,500.00	6,342.68	6,320.68	6,320.68	33.73	218.93	83.36	-3,968.75	-215.00	3,569.82	3,317.29	252.53	14.136		
6,520.81	6,362.93	6,340.93	6,340.93	33.85	219.64	83.43	-3,968.75	-215.00	3,569.25	3,315.91	253.34	14.089		
6,550.00	6,391.46	6,369.46	6,369.46	34.00	220.64	77.11	-3,968.75	-215.00	3,568.22	3,313.73	254.49	14.021		
6,600.00	6,440.79	6,418.79	6,418.79	34.23	222.36	58.07	-3,968.75	-215.00	3,565.33	3,308.88	256.45	13.903		
6,650.00	6,490.44	6,468.44	6,468.44	34.43	224.09	22.59	-3,968.75	-215.00	3,561.02	3,302.64	258.38	13.782		
6,700.00	6,540.10	6,518.10	6,518.10	34.60	225.83	-14.04	-3,968.75	-215.00	3,555.30	3,295.01	260.29	13.659		
6,750.00	6,589.46	6,567.46	6,567.46	34.76	227.55	-34.56	-3,968.75	-215.00	3,548.20	3,286.03	262.17	13.534		
6,800.00	6,638.22	6,616.22	6,616.22	34.92	229.25	-45.47	-3,968.75	-215.00	3,539.78	3,275.75	264.03	13.407		
6,850.00	6,686.09	6,664.09	6,664.09	35.07	230.92	-52.19	-3,968.75	-215.00	3,530.12	3,264.25	265.87	13.278		
6,900.00	6,732.75	6,710.75	6,710.75	35.24	232.55	-56.95	-3,968.75	-215.00	3,519.31	3,251.64	267.67	13.148		
6,950.00	6,777.94	6,755.94	6,755.94	35.42	234.13	-60.72	-3,968.75	-215.00	3,507.45	3,238.01	269.44	13.018		
7,000.00	6,821.36	6,800.64	6,799.36	35.61	235.69	-63.93	-3,968.75	-215.00	3,494.67	3,223.47	271.20	12.886		
7,050.00	6,862.75	6,840.75	6,840.75	35.83	237.09	-66.82	-3,968.75	-215.00	3,481.11	3,208.29	272.82	12.760		
7,100.00	6,901.85	6,879.85	6,879.85	36.06	238.45	-69.50	-3,968.75	-215.00	3,466.93	3,192.50	274.43	12.633		
7,150.00	6,938.43	6,916.43	6,916.43	36.32	239.73	-72.03	-3,968.75	-215.00	3,452.28	3,176.30	275.98	12.509		
7,200.00	6,972.26	6,950.26	6,950.26	36.61	240.91	-74.46	-3,968.75	-215.00	3,437.34	3,159.88	277.46	12.389		
7,250.00	7,003.13	6,981.13	6,981.13	36.93	241.99	-76.77	-3,968.75	-215.00	3,422.27	3,143.41	278.87	12.272		
7,300.00	7,030.85	7,008.85	7,008.85	37.29	242.96	-78.97	-3,968.75	-215.00	3,407.26	3,127.06	280.20	12.160		
7,350.00	7,055.25	7,033.25	7,033.25	37.68	243.81	-81.05	-3,968.75	-215.00	3,392.47	3,111.02	281.46	12.053		
7,400.00	7,076.17	7,054.17	7,054.17	38.12	244.54	-82.98	-3,968.75	-215.00	3,378.08	3,095.45	282.63	11.952		
7,450.00	7,093.50	7,071.50	7,071.50	38.60	245.14	-84.75	-3,968.75	-215.00	3,364.24	3,080.52	283.72	11.858		
7,500.00	7,107.11	7,085.11	7,085.11	39.11	245.62	-86.35	-3,968.75	-215.00	3,351.10	3,066.39	284.71	11.770		
7,550.00	7,116.94	7,105.06	7,094.94	39.66	246.31	-87.76	-3,968.75	-215.00	3,338.81	3,052.84	285.96	11.676		
7,600.00	7,122.91	7,100.91	7,100.91	40.24	246.17	-88.97	-3,968.75	-215.00	3,327.46	3,041.07	286.40	11.618		
7,650.18	7,125.00	7,103.00	7,103.00	40.85	246.24	-89.97	-3,968.75	-215.00	3,317.15	3,030.07	287.08	11.555		
7,700.00	7,125.12	7,103.12	7,103.12	41.48	246.25	-89.97	-3,968.75	-215.00	3,307.83	3,020.11	287.72	11.497		
7,800.00	7,125.36	7,103.36	7,103.36	42.88	246.25	-89.98	-3,968.75	-215.00	3,291.31	3,002.19	289.12	11.384		
7,900.00	7,125.60	7,103.60	7,103.60	44.42	246.26	-89.98	-3,968.75	-215.00	3,277.76	2,987.10	290.67	11.277		
8,000.00	7,125.84	7,103.84	7,103.84	46.10	246.27	-89.99	-3,968.75	-215.00	3,267.22	2,974.88	292.34	11.176		
8,100.00	7,126.08	7,104.08	7,104.08	47.89	246.28	-89.99	-3,968.75	-215.00	3,259.72	2,965.60	294.12	11.083		
8,200.00	7,126.32	7,104.32	7,104.32	49.79	246.29	-90.00	-3,968.75	-215.00	3,255.26	2,959.28	295.98	10.998		
8,294.96	7,126.54	7,104.54	7,104.54	51.68	246.30	-90.00	-3,968.75	-215.00	3,253.88	2,956.05	297.82	10.925 CC		
8,300.00	7,126.56	7,104.56	7,104.56	51.79	246.30	-90.00	-3,968.75	-215.00	3,253.88	2,955.96	297.92	10.922		
8,400.00	7,126.80	7,104.80	7,104.80	53.86	246.31	-90.00	-3,968.75	-215.00	3,255.57	2,955.66	299.91	10.855 ES		
8,500.00	7,127.04	7,105.04	7,105.04	56.00	246.31	-90.01	-3,968.75	-215.00	3,260.33	2,958.40	301.94	10.798		
8,600.00	7,127.28	7,105.28	7,105.28	58.21	246.32	-90.01	-3,968.75	-215.00	3,268.15	2,964.16	303.98	10.751		
8,689.38	7,127.49	7,105.49	7,105.49	60.24	246.33	-90.02	-3,968.75	-215.00	3,277.70	2,971.88	305.82	10.718		
8,700.00	7,127.52	7,105.52	7,105.52	60.48	246.33	-90.02	-3,968.75	-215.00	3,278.97	2,972.94	306.04	10.714		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	7,105.76	7,105.76	62.79	246.34	-90.02	-3,968.75	-215.00	3,290.73	2,982.64	308.08	10.681		
8,841.07	7,127.85	7,105.85	7,105.85	63.74	246.34	-90.02	-3,968.75	-215.00	3,295.42	2,986.50	308.92	10.668		
8,900.00	7,128.00	7,106.00	7,106.00	65.12	246.35	-90.02	-3,968.75	-215.00	3,302.61	2,992.50	310.11	10.650		
9,000.00	7,128.23	7,106.23	7,106.23	67.50	246.36	-90.02	-3,968.75	-215.00	3,317.18	3,005.06	312.12	10.628		
9,100.00	7,128.47	7,106.47	7,106.47	69.91	246.36	-90.03	-3,968.75	-215.00	3,334.68	3,020.59	314.09	10.617		
9,200.00	7,128.71	7,106.71	7,106.71	72.35	246.37	-90.03	-3,968.75	-215.00	3,355.08	3,039.05	316.03	10.616 SF		
9,300.00	7,128.95	7,106.95	7,106.95	74.83	246.38	-90.03	-3,968.75	-215.00	3,378.31	3,060.39	317.92	10.626		
9,400.00	7,129.19	7,107.19	7,107.19	77.33	246.39	-90.04	-3,968.75	-215.00	3,404.33	3,084.56	319.76	10.646		
9,500.00	7,129.43	7,107.43	7,107.43	79.86	246.40	-90.04	-3,968.75	-215.00	3,433.06	3,111.51	321.54	10.677		
9,600.00	7,129.67	7,107.67	7,107.67	82.41	246.41	-90.05	-3,968.75	-215.00	3,464.44	3,141.17	323.26	10.717		
9,700.00	7,129.91	7,107.91	7,107.91	84.97	246.41	-90.05	-3,968.75	-215.00	3,498.39	3,173.47	324.92	10.767		
9,800.00	7,130.15	7,108.15	7,108.15	87.56	246.42	-90.06	-3,968.75	-215.00	3,534.85	3,208.34	326.51	10.826		
9,900.00	7,130.39	7,108.39	7,108.39	90.16	246.43	-90.06	-3,968.75	-215.00	3,573.74	3,245.71	328.03	10.894		
10,000.00	7,130.63	7,108.63	7,108.63	92.78	246.44	-90.06	-3,968.75	-215.00	3,614.98	3,285.49	329.49	10.972		
10,100.00	7,130.87	7,108.87	7,108.87	95.41	246.45	-90.07	-3,968.75	-215.00	3,658.49	3,327.61	330.87	11.057		
10,200.00	7,131.11	7,109.11	7,109.11	98.06	246.46	-90.07	-3,968.75	-215.00	3,704.18	3,371.99	332.19	11.151		
10,300.00	7,131.35	7,109.35	7,109.35	100.71	246.46	-90.08	-3,968.75	-215.00	3,751.98	3,418.54	333.44	11.252		
10,400.00	7,131.59	7,109.59	7,109.59	103.38	246.47	-90.08	-3,968.75	-215.00	3,801.82	3,467.19	334.62	11.361		
10,500.00	7,131.83	7,109.83	7,109.83	106.06	246.48	-90.09	-3,968.75	-215.00	3,853.60	3,517.86	335.75	11.478		
10,600.00	7,132.07	7,110.07	7,110.07	108.74	246.49	-90.09	-3,968.75	-215.00	3,907.26	3,570.46	336.80	11.601		
10,700.00	7,132.31	7,110.31	7,110.31	111.44	246.50	-90.09	-3,968.75	-215.00	3,962.72	3,624.92	337.80	11.731		
10,800.00	7,132.55	7,110.55	7,110.55	114.14	246.51	-90.10	-3,968.75	-215.00	4,019.90	3,681.16	338.74	11.867		
10,900.00	7,132.79	7,110.79	7,110.79	116.85	246.51	-90.10	-3,968.75	-215.00	4,078.73	3,739.10	339.63	12.009		
11,000.00	7,133.03	7,111.03	7,111.03	119.57	246.52	-90.11	-3,968.75	-215.00	4,139.14	3,798.68	340.46	12.158		
11,100.00	7,133.27	7,111.27	7,111.27	122.29	246.53	-90.11	-3,968.75	-215.00	4,201.06	3,859.82	341.24	12.311		
11,200.00	7,133.51	7,111.51	7,111.51	125.02	246.54	-90.11	-3,968.75	-215.00	4,264.43	3,922.45	341.97	12.470		
11,300.00	7,133.74	7,111.74	7,111.74	127.76	246.55	-90.12	-3,968.75	-215.00	4,329.18	3,986.52	342.66	12.634		
11,400.00	7,133.98	7,111.98	7,111.98	130.50	246.56	-90.12	-3,968.75	-215.00	4,395.25	4,051.95	343.30	12.803		
11,500.00	7,134.22	7,112.22	7,112.22	133.24	246.56	-90.13	-3,968.75	-215.00	4,462.58	4,118.68	343.91	12.976		
11,600.00	7,134.46	7,112.46	7,112.46	135.99	246.57	-90.13	-3,968.75	-215.00	4,531.12	4,186.65	344.47	13.154		
11,700.00	7,134.70	7,112.70	7,112.70	138.75	246.58	-90.14	-3,968.75	-215.00	4,600.82	4,255.82	345.00	13.336		
11,800.00	7,134.94	7,112.94	7,112.94	141.51	246.59	-90.14	-3,968.75	-215.00	4,671.61	4,326.12	345.49	13.522		
11,900.00	7,135.18	7,113.18	7,113.18	144.27	246.60	-90.14	-3,968.75	-215.00	4,743.46	4,397.51	345.95	13.711		
12,000.00	7,135.42	7,113.42	7,113.42	147.03	246.61	-90.15	-3,968.75	-215.00	4,816.31	4,469.93	346.38	13.905		
12,100.00	7,135.66	7,113.66	7,113.66	149.80	246.61	-90.15	-3,968.75	-215.00	4,890.12	4,543.34	346.78	14.101		
12,200.00	7,135.90	7,113.90	7,113.90	152.58	246.62	-90.16	-3,968.75	-215.00	4,964.85	4,617.69	347.16	14.301		
12,300.00	7,136.14	7,114.14	7,114.14	155.35	246.63	-90.16	-3,968.75	-215.00	5,040.45	4,692.94	347.51	14.504		
12,400.00	7,136.38	7,114.38	7,114.38	158.13	246.64	-90.16	-3,968.75	-215.00	5,116.89	4,769.05	347.84	14.711		
12,500.00	7,136.62	7,114.62	7,114.62	160.91	246.65	-90.17	-3,968.75	-215.00	5,194.13	4,845.99	348.14	14.920		
12,600.00	7,136.86	7,114.86	7,114.86	163.70	246.66	-90.17	-3,968.75	-215.00	5,272.14	4,923.71	348.43	15.131		
12,700.00	7,137.10	7,115.10	7,115.10	166.48	246.66	-90.18	-3,968.75	-215.00	5,350.88	5,002.19	348.69	15.346		
12,800.00	7,137.34	7,115.34	7,115.34	169.27	246.67	-90.18	-3,968.75	-215.00	5,430.31	5,081.38	348.94	15.562		
12,900.00	7,137.58	7,115.58	7,115.58	172.06	246.68	-90.19	-3,968.75	-215.00	5,510.42	5,161.25	349.17	15.782		
13,000.00	7,137.82	7,115.82	7,115.82	174.86	246.69	-90.19	-3,968.75	-215.00	5,591.17	5,241.79	349.38	16.003		
13,100.00	7,138.06	7,116.06	7,116.06	177.65	246.70	-90.19	-3,968.75	-215.00	5,672.53	5,322.95	349.58	16.226		
13,200.00	7,138.30	7,116.30	7,116.30	180.45	246.71	-90.20	-3,968.75	-215.00	5,754.48	5,404.71	349.77	16.452		
13,300.00	7,138.54	7,116.54	7,116.54	183.25	246.72	-90.20	-3,968.75	-215.00	5,836.99	5,487.05	349.95	16.680		
13,400.00	7,138.78	7,116.78	7,116.78	186.05	246.72	-90.21	-3,968.75	-215.00	5,920.05	5,569.94	350.11	16.909		
13,500.00	7,139.02	7,117.02	7,117.02	188.85	246.73	-90.21	-3,968.75	-215.00	6,003.61	5,653.35	350.26	17.141		
13,600.00	7,139.25	7,117.25	7,117.25	191.65	246.74	-90.22	-3,968.75	-215.00	6,087.68	5,737.28	350.40	17.374		
13,700.00	7,139.49	7,117.49	7,117.49	194.46	246.75	-90.22	-3,968.75	-215.00	6,172.22	5,821.68	350.53	17.608		
13,800.00	7,139.73	7,117.73	7,117.73	197.27	246.76	-90.22	-3,968.75	-215.00	6,257.21	5,906.56	350.65	17.844		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,900.00	7,139.97	7,117.97	7,117.97	200.08	246.77	-90.23	-3,968.75	-215.00	6,342.64	5,991.88	350.77	18.082		
14,000.00	7,140.21	7,118.21	7,118.21	202.89	246.77	-90.23	-3,968.75	-215.00	6,428.49	6,077.62	350.87	18.321		
14,100.00	7,140.45	7,118.45	7,118.45	205.70	246.78	-90.24	-3,968.75	-215.00	6,514.75	6,163.78	350.97	18.562		
14,200.00	7,140.69	7,118.69	7,118.69	208.51	246.79	-90.24	-3,968.75	-215.00	6,601.39	6,250.33	351.06	18.804		
14,300.00	7,140.93	7,118.93	7,118.93	211.32	246.80	-90.24	-3,968.75	-215.00	6,688.41	6,337.26	351.15	19.047		
14,400.00	7,141.17	7,119.17	7,119.17	214.14	246.81	-90.25	-3,968.75	-215.00	6,775.79	6,424.56	351.23	19.292		
14,500.00	7,141.41	7,119.41	7,119.41	216.95	246.82	-90.25	-3,968.75	-215.00	6,863.51	6,512.20	351.30	19.537		
14,600.00	7,141.65	7,119.65	7,119.65	219.77	246.82	-90.26	-3,968.75	-215.00	6,951.56	6,600.18	351.37	19.784		
14,700.00	7,141.89	7,119.89	7,119.89	222.59	246.83	-90.26	-3,968.75	-215.00	7,039.93	6,688.49	351.44	20.032		
14,800.00	7,142.13	7,120.13	7,120.13	225.41	246.84	-90.27	-3,968.75	-215.00	7,128.61	6,777.11	351.50	20.281		
14,900.00	7,142.37	7,120.37	7,120.37	228.23	246.85	-90.27	-3,968.75	-215.00	7,217.58	6,866.02	351.55	20.530		
15,000.00	7,142.61	7,120.61	7,120.61	231.05	246.86	-90.27	-3,968.75	-215.00	7,306.84	6,955.23	351.61	20.781		
15,100.00	7,142.85	7,120.85	7,120.85	233.87	246.87	-90.28	-3,968.75	-215.00	7,396.37	7,044.72	351.66	21.033		
15,200.00	7,143.09	7,121.09	7,121.09	236.69	246.87	-90.28	-3,968.75	-215.00	7,486.17	7,134.47	351.70	21.286		
15,300.00	7,143.33	7,121.33	7,121.33	239.52	246.88	-90.29	-3,968.75	-215.00	7,576.22	7,224.48	351.75	21.539		
15,400.00	7,143.57	7,121.57	7,121.57	242.34	246.89	-90.29	-3,968.75	-215.00	7,666.53	7,314.74	351.79	21.793		
15,500.00	7,143.81	7,121.81	7,121.81	245.17	246.90	-90.29	-3,968.75	-215.00	7,757.06	7,405.24	351.82	22.048		
15,600.00	7,144.05	7,122.05	7,122.05	247.99	246.91	-90.30	-3,968.75	-215.00	7,847.83	7,495.97	351.86	22.304		
15,700.00	7,144.29	7,122.29	7,122.29	250.82	246.92	-90.30	-3,968.75	-215.00	7,938.82	7,586.93	351.89	22.560		
15,800.00	7,144.53	7,122.53	7,122.53	253.64	246.92	-90.31	-3,968.75	-215.00	8,030.03	7,678.10	351.92	22.818		
15,900.00	7,144.76	7,122.76	7,122.76	256.47	246.93	-90.31	-3,968.75	-215.00	8,121.44	7,769.49	351.95	23.075		
16,000.00	7,145.00	7,123.00	7,123.00	259.30	246.94	-90.32	-3,968.75	-215.00	8,213.05	7,861.07	351.98	23.334		
16,100.00	7,145.24	7,123.24	7,123.24	262.13	246.95	-90.32	-3,968.75	-215.00	8,304.86	7,952.85	352.01	23.593		
16,200.00	7,145.48	7,123.48	7,123.48	264.96	246.96	-90.32	-3,968.75	-215.00	8,396.85	8,044.82	352.03	23.853		
16,300.00	7,145.72	7,123.72	7,123.72	267.79	246.97	-90.33	-3,968.75	-215.00	8,489.02	8,136.97	352.05	24.113		
16,400.00	7,145.96	7,123.96	7,123.96	270.62	246.97	-90.33	-3,968.75	-215.00	8,581.37	8,229.30	352.08	24.374		
16,500.00	7,146.20	7,124.20	7,124.20	273.45	246.98	-90.34	-3,968.75	-215.00	8,673.89	8,321.79	352.10	24.635		
16,600.00	7,146.44	7,124.44	7,124.44	276.28	246.99	-90.34	-3,968.75	-215.00	8,766.57	8,414.46	352.12	24.897		
16,700.00	7,146.68	7,124.68	7,124.68	279.12	247.00	-90.35	-3,968.75	-215.00	8,859.41	8,507.28	352.14	25.159		
16,800.00	7,146.92	7,124.92	7,124.92	281.95	247.01	-90.35	-3,968.75	-215.00	8,952.41	8,600.26	352.16	25.422		
16,900.00	7,147.16	7,125.16	7,125.16	284.78	247.02	-90.35	-3,968.75	-215.00	9,045.56	8,693.38	352.17	25.685		
17,000.00	7,147.40	7,125.40	7,125.40	287.62	247.02	-90.36	-3,968.75	-215.00	9,138.85	8,786.66	352.19	25.949		
17,100.00	7,147.64	7,125.64	7,125.64	290.45	247.03	-90.36	-3,968.75	-215.00	9,232.28	8,880.07	352.21	26.213		
17,200.00	7,147.88	7,125.88	7,125.88	293.28	247.04	-90.37	-3,968.75	-215.00	9,325.85	8,973.62	352.22	26.477		
17,300.00	7,148.12	7,126.12	7,126.12	296.12	247.05	-90.37	-3,968.75	-215.00	9,419.54	9,067.31	352.24	26.742		
17,400.00	7,148.36	7,126.36	7,126.36	298.95	247.06	-90.37	-3,968.75	-215.00	9,513.37	9,161.12	352.25	27.007		
17,500.00	7,148.60	7,126.60	7,126.60	301.79	247.07	-90.38	-3,968.75	-215.00	9,607.32	9,255.05	352.27	27.273		
17,600.00	7,148.84	7,126.84	7,126.84	304.63	247.07	-90.38	-3,968.75	-215.00	9,701.40	9,349.11	352.28	27.538		
17,700.00	7,149.08	7,127.08	7,127.08	307.46	247.08	-90.39	-3,968.75	-215.00	9,795.59	9,443.29	352.30	27.805		
17,800.00	7,149.32	7,127.32	7,127.32	310.30	247.09	-90.39	-3,968.75	-215.00	9,889.89	9,537.58	352.31	28.071		
17,900.00	7,149.56	7,127.56	7,127.56	313.14	247.10	-90.40	-3,968.75	-215.00	9,984.31	9,631.98	352.33	28.338		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-71.13	1,499.13	-4,386.45	4,635.55					
100.00	100.00	140.00	140.00	3.28	4.54	-71.13	1,499.13	-4,386.45	4,635.55	4,627.73	7.83	592.273		
200.00	200.00	240.00	240.00	3.34	7.40	-71.13	1,499.13	-4,386.45	4,635.55	4,624.82	10.74	431.752		
300.00	299.98	339.98	339.98	3.44	10.64	168.87	1,499.13	-4,386.45	4,637.27	4,623.18	14.08	329.288		
400.00	399.84	439.84	439.84	3.60	14.00	168.86	1,499.13	-4,386.45	4,642.40	4,624.81	17.59	263.848		
500.00	499.45	539.45	539.45	3.80	17.40	168.85	1,499.13	-4,386.45	4,650.95	4,629.76	21.20	219.411		
600.00	598.70	638.70	638.70	4.04	20.81	168.83	1,499.13	-4,386.45	4,662.91	4,638.06	24.85	187.607		
700.00	697.47	737.47	737.47	4.33	24.22	168.81	1,499.13	-4,386.45	4,678.27	4,649.72	28.55	163.885		
800.00	795.62	835.62	835.62	4.65	27.62	168.78	1,499.13	-4,386.45	4,696.99	4,664.74	32.26	145.615		
865.50	859.53	900.47	899.53	4.89	29.87	168.75	1,499.13	-4,386.45	4,711.08	4,676.36	34.73	135.664		
900.00	893.10	933.10	933.10	5.02	31.00	168.77	1,499.13	-4,386.45	4,718.88	4,682.90	35.98	131.161		
1,000.00	990.42	1,030.42	1,030.42	5.41	34.38	168.83	1,499.13	-4,386.45	4,741.49	4,701.78	39.71	119.415		
1,100.00	1,087.73	1,127.73	1,127.73	5.83	37.77	168.88	1,499.13	-4,386.45	4,764.10	4,720.64	43.46	109.632		
1,200.00	1,185.05	1,225.05	1,225.05	6.27	41.15	168.93	1,499.13	-4,386.45	4,786.71	4,739.49	47.22	101.366		
1,300.00	1,282.36	1,322.36	1,322.36	6.72	44.54	168.99	1,499.13	-4,386.45	4,809.33	4,758.32	51.00	94.295		
1,400.00	1,379.67	1,419.67	1,419.67	7.18	47.93	169.04	1,499.13	-4,386.45	4,831.95	4,777.15	54.80	88.181		
1,500.00	1,476.99	1,516.99	1,516.99	7.65	51.32	169.09	1,499.13	-4,386.45	4,854.58	4,795.98	58.60	82.846		
1,600.00	1,574.30	1,614.30	1,614.30	8.13	54.71	169.14	1,499.13	-4,386.45	4,877.20	4,814.80	62.41	78.150		
1,700.00	1,671.61	1,711.61	1,711.61	8.62	58.10	169.19	1,499.13	-4,386.45	4,899.84	4,833.61	66.22	73.988		
1,800.00	1,768.93	1,808.93	1,808.93	9.11	61.49	169.24	1,499.13	-4,386.45	4,922.47	4,852.43	70.05	70.273		
1,900.00	1,866.24	1,906.24	1,906.24	9.60	64.88	169.29	1,499.13	-4,386.45	4,945.11	4,871.24	73.88	66.939		
2,000.00	1,963.56	2,003.56	2,003.56	10.10	68.28	169.34	1,499.13	-4,386.45	4,967.76	4,890.05	77.71	63.929		
2,100.00	2,060.87	2,100.87	2,100.87	10.61	71.67	169.39	1,499.13	-4,386.45	4,990.40	4,908.86	81.54	61.200		
2,200.00	2,158.18	2,201.82	2,198.18	11.11	75.19	169.44	1,499.13	-4,386.45	5,013.05	4,927.55	85.51	58.627		
2,300.00	2,255.50	2,304.50	2,295.50	11.62	78.77	169.49	1,499.13	-4,386.45	5,035.71	4,946.17	89.54	56.242		
2,400.00	2,352.81	2,407.19	2,392.81	12.13	82.35	169.53	1,499.13	-4,386.45	5,058.37	4,964.80	93.57	54.061		
2,500.00	2,450.13	2,509.87	2,490.13	12.65	85.94	169.58	1,499.13	-4,386.45	5,081.03	4,983.43	97.60	52.059		
2,600.00	2,547.44	2,587.44	2,587.44	13.16	88.64	169.63	1,499.13	-4,386.45	5,103.69	5,002.93	100.76	50.652		
2,700.00	2,644.75	2,684.75	2,684.75	13.68	92.04	169.67	1,499.13	-4,386.45	5,126.36	5,021.75	104.61	49.005		
2,800.00	2,742.07	2,782.07	2,782.07	14.20	95.43	169.72	1,499.13	-4,386.45	5,149.03	5,040.57	108.46	47.474		
2,900.00	2,839.38	2,879.38	2,879.38	14.71	98.83	169.77	1,499.13	-4,386.45	5,171.70	5,059.39	112.31	46.048		
3,000.00	2,936.70	2,976.70	2,976.70	15.23	102.22	169.81	1,499.13	-4,386.45	5,194.38	5,078.21	116.17	44.715		
3,100.00	3,034.01	3,074.01	3,074.01	15.76	105.62	169.86	1,499.13	-4,386.45	5,217.06	5,097.04	120.02	43.468		
3,200.00	3,131.32	3,171.32	3,171.32	16.28	109.01	169.90	1,499.13	-4,386.45	5,239.74	5,115.86	123.88	42.298		
3,300.00	3,228.64	3,268.64	3,268.64	16.80	112.41	169.94	1,499.13	-4,386.45	5,262.42	5,134.69	127.73	41.199		
3,400.00	3,325.95	3,365.95	3,365.95	17.32	115.81	169.99	1,499.13	-4,386.45	5,285.11	5,153.52	131.59	40.164		
3,500.00	3,423.26	3,463.26	3,463.26	17.85	119.20	170.03	1,499.13	-4,386.45	5,307.80	5,172.35	135.45	39.187		
3,600.00	3,520.58	3,560.58	3,560.58	18.37	122.60	170.07	1,499.13	-4,386.45	5,330.50	5,191.19	139.31	38.265		
3,700.00	3,617.89	3,657.89	3,657.89	18.90	125.99	170.12	1,499.13	-4,386.45	5,353.19	5,210.03	143.17	37.392		
3,800.00	3,715.21	3,755.21	3,755.21	19.43	129.39	170.16	1,499.13	-4,386.45	5,375.89	5,228.87	147.02	36.564		
3,900.00	3,812.52	3,852.52	3,852.52	19.95	132.79	170.20	1,499.13	-4,386.45	5,398.59	5,247.71	150.89	35.779		
4,000.00	3,909.83	3,949.83	3,949.83	20.48	136.18	170.24	1,499.13	-4,386.45	5,421.30	5,266.55	154.75	35.034		
4,100.00	4,007.15	4,047.15	4,047.15	21.01	139.58	170.28	1,499.13	-4,386.45	5,444.01	5,285.40	158.61	34.324		
4,200.00	4,104.46	4,144.46	4,144.46	21.53	142.98	170.32	1,499.13	-4,386.45	5,466.72	5,304.25	162.47	33.648		
4,300.00	4,201.78	4,241.78	4,241.78	22.06	146.37	170.36	1,499.13	-4,386.45	5,489.43	5,323.10	166.33	33.003		
4,400.00	4,299.09	4,339.09	4,339.09	22.59	149.77	170.40	1,499.13	-4,386.45	5,512.14	5,341.95	170.19	32.387		
4,500.00	4,396.40	4,436.40	4,436.40	23.12	153.16	170.44	1,499.13	-4,386.45	5,534.86	5,360.80	174.06	31.799		
4,600.00	4,493.72	4,533.72	4,533.72	23.65	156.56	170.48	1,499.13	-4,386.45	5,557.58	5,379.66	177.92	31.236		
4,700.00	4,591.03	4,631.03	4,631.03	24.18	159.96	170.52	1,499.13	-4,386.45	5,580.30	5,398.52	181.78	30.698		
4,800.00	4,688.34	4,728.34	4,728.34	24.71	163.35	170.56	1,499.13	-4,386.45	5,603.03	5,417.38	185.65	30.181		
4,900.00	4,785.66	4,825.66	4,825.66	25.24	166.75	170.60	1,499.13	-4,386.45	5,625.76	5,436.25	189.51	29.686		
5,000.00	4,882.97	4,922.97	4,922.97	25.77	170.15	170.64	1,499.13	-4,386.45	5,648.49	5,455.11	193.37	29.210		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	5,020.29	5,020.29	26.30	173.54	170.67	1,499.13	-4,386.45	5,671.22	5,473.98	197.24	28.753		
5,200.00	5,077.60	5,117.60	5,117.60	26.83	176.94	170.71	1,499.13	-4,386.45	5,693.95	5,492.85	201.10	28.313		
5,300.00	5,174.91	5,214.91	5,214.91	27.36	180.34	170.75	1,499.13	-4,386.45	5,716.69	5,511.72	204.97	27.891		
5,400.00	5,272.23	5,312.23	5,312.23	27.89	183.73	170.79	1,499.13	-4,386.45	5,739.43	5,530.60	208.83	27.483		
5,500.00	5,369.54	5,409.54	5,409.54	28.42	187.13	170.82	1,499.13	-4,386.45	5,762.17	5,549.47	212.70	27.091		
5,600.00	5,466.86	5,506.86	5,506.86	28.95	190.53	170.86	1,499.13	-4,386.45	5,784.92	5,568.35	216.56	26.712		
5,700.00	5,564.17	5,604.17	5,604.17	29.48	193.92	170.89	1,499.13	-4,386.45	5,807.66	5,587.23	220.43	26.347		
5,800.00	5,661.48	5,701.48	5,701.48	30.01	197.32	170.93	1,499.13	-4,386.45	5,830.41	5,606.11	224.30	25.994		
5,900.00	5,758.80	5,801.20	5,798.80	30.54	200.80	170.97	1,499.13	-4,386.45	5,853.16	5,624.91	228.25	25.644		
6,000.00	5,856.11	5,903.89	5,896.11	31.07	204.39	171.00	1,499.13	-4,386.45	5,875.91	5,643.61	232.30	25.295		
6,100.00	5,953.43	6,006.58	5,993.43	31.61	207.97	171.04	1,499.13	-4,386.45	5,898.67	5,662.31	236.35	24.957		
6,200.00	6,050.74	6,109.26	6,090.74	32.14	211.55	171.07	1,499.13	-4,386.45	5,921.42	5,681.02	240.41	24.631		
6,300.00	6,148.05	6,188.05	6,188.05	32.67	214.30	171.11	1,499.13	-4,386.45	5,944.18	5,700.55	243.63	24.399		
6,400.00	6,245.37	6,285.37	6,285.37	33.20	217.70	171.14	1,499.13	-4,386.45	5,966.94	5,719.45	247.49	24.110		
6,500.00	6,342.68	6,382.68	6,382.68	33.73	221.10	171.17	1,499.13	-4,386.45	5,989.70	5,738.34	251.36	23.829		
6,520.81	6,362.93	6,402.93	6,402.93	33.85	221.81	171.18	1,499.13	-4,386.45	5,994.44	5,742.28	252.16	23.772		
6,550.00	6,391.46	6,431.46	6,431.46	34.00	222.80	164.68	1,499.13	-4,386.45	6,000.47	5,747.17	253.30	23.690		
6,600.00	6,440.79	6,480.79	6,480.79	34.23	224.52	145.57	1,499.13	-4,386.45	6,007.90	5,752.66	255.24	23.538		
6,650.00	6,490.44	6,530.44	6,530.44	34.43	226.26	110.32	1,499.13	-4,386.45	6,011.65	5,754.47	257.18	23.375		
6,700.00	6,540.10	6,580.10	6,580.10	34.60	227.99	74.23	1,499.13	-4,386.45	6,011.69	5,752.59	259.10	23.202		
6,750.00	6,589.46	6,629.46	6,629.46	34.76	229.71	54.54	1,499.13	-4,386.45	6,008.03	5,747.05	260.99	23.020		
6,800.00	6,638.22	6,678.22	6,678.22	34.92	231.42	44.77	1,499.13	-4,386.45	6,000.70	5,737.86	262.83	22.831		
6,850.00	6,686.09	6,726.09	6,726.09	35.07	233.09	39.49	1,499.13	-4,386.45	5,989.74	5,725.11	264.63	22.635		
6,900.00	6,732.75	6,772.75	6,772.75	35.24	234.71	36.48	1,499.13	-4,386.45	5,975.22	5,708.86	266.36	22.433		
6,950.00	6,777.94	6,817.94	6,817.94	35.42	236.29	34.77	1,499.13	-4,386.45	5,957.25	5,689.23	268.02	22.227		
7,000.00	6,821.36	6,861.36	6,861.36	35.61	237.81	33.95	1,499.13	-4,386.45	5,935.94	5,666.33	269.61	22.017		
7,050.00	6,862.75	6,902.75	6,902.75	35.83	239.25	33.77	1,499.13	-4,386.45	5,911.42	5,640.32	271.10	21.805		
7,100.00	6,901.85	6,941.85	6,941.85	36.06	240.62	34.14	1,499.13	-4,386.45	5,883.86	5,611.35	272.51	21.591		
7,150.00	6,938.43	6,978.43	6,978.43	36.32	241.89	35.03	1,499.13	-4,386.45	5,853.43	5,579.61	273.82	21.377		
7,200.00	6,972.26	7,012.26	7,012.26	36.61	243.08	36.42	1,499.13	-4,386.45	5,820.33	5,545.30	275.02	21.163		
7,250.00	7,003.13	7,043.13	7,043.13	36.93	244.15	38.38	1,499.13	-4,386.45	5,784.76	5,508.64	276.12	20.950		
7,300.00	7,030.85	7,070.85	7,070.85	37.29	245.12	40.99	1,499.13	-4,386.45	5,746.95	5,469.84	277.11	20.739		
7,350.00	7,055.25	7,104.75	7,095.25	37.68	246.30	44.35	1,499.13	-4,386.45	5,707.13	5,428.82	278.31	20.506		
7,400.00	7,076.17	7,116.17	7,116.17	38.12	246.70	48.65	1,499.13	-4,386.45	5,665.57	5,386.83	278.74	20.326		
7,450.00	7,093.50	7,133.50	7,133.50	38.60	247.31	54.07	1,499.13	-4,386.45	5,622.51	5,343.13	279.38	20.125		
7,500.00	7,107.11	7,147.11	7,147.11	39.11	247.78	60.83	1,499.13	-4,386.45	5,578.23	5,298.32	279.91	19.929		
7,550.00	7,116.94	7,156.94	7,156.94	39.66	248.13	69.09	1,499.13	-4,386.45	5,532.99	5,252.68	280.32	19.738		
7,600.00	7,122.91	7,162.91	7,162.91	40.24	248.33	78.81	1,499.13	-4,386.45	5,487.09	5,206.49	280.60	19.555		
7,650.18	7,125.00	7,165.00	7,165.00	40.85	248.41	89.66	1,499.13	-4,386.45	5,440.63	5,159.86	280.78	19.377		
7,700.00	7,125.12	7,165.12	7,165.12	41.48	248.41	89.66	1,499.13	-4,386.45	5,394.44	5,113.54	280.89	19.205		
7,800.00	7,125.36	7,165.36	7,165.36	42.88	248.42	89.67	1,499.13	-4,386.45	5,301.91	5,020.75	281.17	18.857		
7,900.00	7,125.60	7,165.60	7,165.60	44.42	248.43	89.67	1,499.13	-4,386.45	5,209.67	4,928.17	281.50	18.507		
8,000.00	7,125.84	7,165.84	7,165.84	46.10	248.44	89.68	1,499.13	-4,386.45	5,117.71	4,835.82	281.89	18.155		
8,100.00	7,126.08	7,166.08	7,166.08	47.89	248.44	89.69	1,499.13	-4,386.45	5,026.07	4,743.72	282.35	17.801		
8,200.00	7,126.32	7,166.32	7,166.32	49.79	248.45	89.70	1,499.13	-4,386.45	4,934.74	4,651.87	282.87	17.445		
8,300.00	7,126.56	7,166.56	7,166.56	51.79	248.46	89.70	1,499.13	-4,386.45	4,843.76	4,560.29	283.47	17.087		
8,400.00	7,126.80	7,166.80	7,166.80	53.86	248.47	89.71	1,499.13	-4,386.45	4,753.14	4,468.99	284.15	16.728		
8,500.00	7,127.04	7,167.04	7,167.04	56.00	248.48	89.72	1,499.13	-4,386.45	4,662.91	4,378.00	284.91	16.366		
8,600.00	7,127.28	7,167.28	7,167.28	58.21	248.49	89.72	1,499.13	-4,386.45	4,573.08	4,287.33	285.75	16.004		
8,689.38	7,127.49	7,167.49	7,167.49	60.24	248.49	89.73	1,499.13	-4,386.45	4,493.15	4,206.57	286.58	15.679		
8,700.00	7,127.52	7,167.52	7,167.52	60.48	248.49	89.73	1,499.13	-4,386.45	4,483.69	4,197.01	286.68	15.640		
8,800.00	7,127.76	7,167.76	7,167.76	62.79	248.50	89.76	1,499.13	-4,386.45	4,395.75	4,108.00	287.75	15.276		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,167.85	7,167.85	63.74	248.51	89.77	1,499.13	-4,386.45	4,360.29	4,072.05	288.23	15.128		
8,900.00	7,128.00	7,168.00	7,168.00	65.12	248.51	89.77	1,499.13	-4,386.45	4,309.79	4,020.81	288.97	14.914		
9,000.00	7,128.23	7,168.23	7,168.23	67.50	248.52	89.78	1,499.13	-4,386.45	4,224.59	3,934.27	290.32	14.552		
9,100.00	7,128.47	7,168.47	7,168.47	69.91	248.53	89.79	1,499.13	-4,386.45	4,140.06	3,848.28	291.79	14.189		
9,200.00	7,128.71	7,168.71	7,168.71	72.35	248.54	89.79	1,499.13	-4,386.45	4,056.24	3,762.86	293.37	13.826		
9,300.00	7,128.95	7,168.95	7,168.95	74.83	248.54	89.80	1,499.13	-4,386.45	3,973.16	3,678.08	295.08	13.465		
9,400.00	7,129.19	7,169.19	7,169.19	77.33	248.55	89.80	1,499.13	-4,386.45	3,890.88	3,593.96	296.92	13.104		
9,500.00	7,129.43	7,169.43	7,169.43	79.86	248.56	89.81	1,499.13	-4,386.45	3,809.44	3,510.56	298.88	12.746		
9,600.00	7,129.67	7,169.67	7,169.67	82.41	248.57	89.82	1,499.13	-4,386.45	3,728.91	3,427.93	300.98	12.389		
9,700.00	7,129.91	7,169.91	7,169.91	84.97	248.58	89.82	1,499.13	-4,386.45	3,649.34	3,346.13	303.22	12.035		
9,800.00	7,130.15	7,170.15	7,170.15	87.56	248.59	89.83	1,499.13	-4,386.45	3,570.80	3,265.21	305.59	11.685		
9,900.00	7,130.39	7,170.39	7,170.39	90.16	248.59	89.84	1,499.13	-4,386.45	3,493.36	3,185.26	308.10	11.338		
10,000.00	7,130.63	7,170.63	7,170.63	92.78	248.60	89.84	1,499.13	-4,386.45	3,417.09	3,106.33	310.76	10.996		
10,100.00	7,130.87	7,170.87	7,170.87	95.41	248.61	89.85	1,499.13	-4,386.45	3,342.07	3,028.51	313.56	10.658		
10,200.00	7,131.11	7,171.11	7,171.11	98.06	248.62	89.85	1,499.13	-4,386.45	3,268.39	2,951.87	316.51	10.326		
10,300.00	7,131.35	7,171.35	7,171.35	100.71	248.63	89.86	1,499.13	-4,386.45	3,196.14	2,876.52	319.61	10.000		
10,400.00	7,131.59	7,171.59	7,171.59	103.38	248.64	89.87	1,499.13	-4,386.45	3,125.41	2,802.55	322.86	9.680		
10,500.00	7,131.83	7,171.83	7,171.83	106.06	248.65	89.87	1,499.13	-4,386.45	3,056.33	2,730.07	326.26	9.368		
10,600.00	7,132.07	7,172.07	7,172.07	108.74	248.65	89.88	1,499.13	-4,386.45	2,988.99	2,659.19	329.80	9.063		
10,700.00	7,132.31	7,172.31	7,172.31	111.44	248.66	89.88	1,499.13	-4,386.45	2,923.52	2,590.03	333.50	8.766		
10,800.00	7,132.55	7,172.55	7,172.55	114.14	248.67	89.89	1,499.13	-4,386.45	2,860.06	2,522.73	337.33	8.478		
10,900.00	7,132.79	7,172.79	7,172.79	116.85	248.68	89.90	1,499.13	-4,386.45	2,798.72	2,457.42	341.30	8.200		
11,000.00	7,133.03	7,173.03	7,173.03	119.57	248.69	89.90	1,499.13	-4,386.45	2,739.67	2,394.26	345.41	7.932		
11,100.00	7,133.27	7,173.27	7,173.27	122.29	248.70	89.91	1,499.13	-4,386.45	2,683.04	2,333.41	349.63	7.674		
11,200.00	7,133.51	7,173.51	7,173.51	125.02	248.70	89.91	1,499.13	-4,386.45	2,629.00	2,275.04	353.96	7.427		
11,300.00	7,133.74	7,173.74	7,173.74	127.76	248.71	89.92	1,499.13	-4,386.45	2,577.71	2,219.32	358.39	7.192		
11,400.00	7,133.98	7,173.98	7,173.98	130.50	248.72	89.93	1,499.13	-4,386.45	2,529.33	2,166.44	362.89	6.970		
11,500.00	7,134.22	7,174.22	7,174.22	133.24	248.73	89.93	1,499.13	-4,386.45	2,484.03	2,116.59	367.45	6.760		
11,600.00	7,134.46	7,174.46	7,174.46	135.99	248.74	89.94	1,499.13	-4,386.45	2,442.00	2,069.97	372.03	6.564		
11,700.00	7,134.70	7,174.70	7,174.70	138.75	248.75	89.95	1,499.13	-4,386.45	2,403.39	2,026.77	376.62	6.382		
11,800.00	7,134.94	7,174.94	7,174.94	141.51	248.75	89.95	1,499.13	-4,386.45	2,368.38	1,987.20	381.18	6.213		
11,900.00	7,135.18	7,175.18	7,175.18	144.27	248.76	89.96	1,499.13	-4,386.45	2,337.12	1,951.45	385.67	6.060		
12,000.00	7,135.42	7,175.42	7,175.42	147.03	248.77	89.96	1,499.13	-4,386.45	2,309.78	1,919.70	390.07	5.921		
12,100.00	7,135.66	7,175.66	7,175.66	149.80	248.78	89.97	1,499.13	-4,386.45	2,286.48	1,892.14	394.34	5.798		
12,200.00	7,135.90	7,175.90	7,175.90	152.58	248.79	89.98	1,499.13	-4,386.45	2,267.36	1,868.92	398.44	5.691		
12,300.00	7,136.14	7,176.14	7,176.14	155.35	248.80	89.98	1,499.13	-4,386.45	2,252.52	1,850.18	402.34	5.599		
12,400.00	7,136.38	7,176.38	7,176.38	158.13	248.80	89.99	1,499.13	-4,386.45	2,242.05	1,836.05	405.99	5.522		
12,500.00	7,136.62	7,176.62	7,176.62	160.91	248.81	89.99	1,499.13	-4,386.45	2,236.00	1,826.62	409.38	5.462		
12,585.37	7,136.82	7,176.82	7,176.82	163.29	248.82	90.00	1,499.13	-4,386.45	2,234.37	1,822.32	412.05	5.423 CC		
12,600.00	7,136.86	7,176.86	7,176.86	163.70	248.82	90.00	1,499.13	-4,386.45	2,234.42	1,821.94	412.48	5.417 ES		
12,700.00	7,137.10	7,177.10	7,177.10	166.48	248.83	90.01	1,499.13	-4,386.45	2,237.31	1,822.04	415.27	5.388		
12,800.00	7,137.34	7,177.34	7,177.34	169.27	248.84	90.01	1,499.13	-4,386.45	2,244.65	1,826.93	417.72	5.374 SF		
12,900.00	7,137.58	7,177.58	7,177.58	172.06	248.85	90.02	1,499.13	-4,386.45	2,256.41	1,836.57	419.84	5.374		
13,000.00	7,137.82	7,177.82	7,177.82	174.86	248.85	90.03	1,499.13	-4,386.45	2,272.52	1,850.90	421.62	5.390		
13,100.00	7,138.06	7,178.06	7,178.06	177.65	248.86	90.03	1,499.13	-4,386.45	2,292.87	1,869.81	423.06	5.420		
13,200.00	7,138.30	7,178.30	7,178.30	180.45	248.87	90.04	1,499.13	-4,386.45	2,317.36	1,893.19	424.18	5.463		
13,300.00	7,138.54	7,178.54	7,178.54	183.25	248.88	90.04	1,499.13	-4,386.45	2,345.87	1,920.89	424.98	5.520		
13,400.00	7,138.78	7,178.78	7,178.78	186.05	248.89	90.05	1,499.13	-4,386.45	2,378.24	1,952.75	425.49	5.589		
13,500.00	7,139.02	7,179.02	7,179.02	188.85	248.90	90.06	1,499.13	-4,386.45	2,414.32	1,988.60	425.72	5.671		
13,600.00	7,139.25	7,179.25	7,179.25	191.65	248.90	90.06	1,499.13	-4,386.45	2,453.95	2,028.25	425.70	5.764		
13,700.00	7,139.49	7,179.49	7,179.49	194.46	248.91	90.07	1,499.13	-4,386.45	2,496.96	2,071.51	425.45	5.869		
13,800.00	7,139.73	7,179.73	7,179.73	197.27	248.92	90.07	1,499.13	-4,386.45	2,543.17	2,118.18	425.00	5.984		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,900.00	7,139.97	7,179.97	7,179.97	200.08	248.93	90.08	1,499.13	-4,386.45	2,592.42	2,168.06	424.36	6.109		
14,000.00	7,140.21	7,180.21	7,180.21	202.89	248.94	90.09	1,499.13	-4,386.45	2,644.54	2,220.97	423.57	6.243		
14,100.00	7,140.45	7,180.45	7,180.45	205.70	248.95	90.09	1,499.13	-4,386.45	2,699.35	2,276.71	422.64	6.387		
14,200.00	7,140.69	7,180.69	7,180.69	208.51	248.95	90.10	1,499.13	-4,386.45	2,756.71	2,335.11	421.60	6.539		
14,300.00	7,140.93	7,180.93	7,180.93	211.32	248.96	90.11	1,499.13	-4,386.45	2,816.44	2,395.98	420.46	6.698		
14,400.00	7,141.17	7,181.17	7,181.17	214.14	248.97	90.11	1,499.13	-4,386.45	2,878.42	2,459.17	419.25	6.866		
14,500.00	7,141.41	7,181.41	7,181.41	216.95	248.98	90.12	1,499.13	-4,386.45	2,942.48	2,524.51	417.97	7.040		
14,600.00	7,141.65	7,181.65	7,181.65	219.77	248.99	90.12	1,499.13	-4,386.45	3,008.51	2,591.87	416.64	7.221		
14,700.00	7,141.89	7,181.89	7,181.89	222.59	249.00	90.13	1,499.13	-4,386.45	3,076.37	2,661.09	415.28	7.408		
14,800.00	7,142.13	7,182.13	7,182.13	225.41	249.00	90.14	1,499.13	-4,386.45	3,145.95	2,732.06	413.89	7.601		
14,900.00	7,142.37	7,182.37	7,182.37	228.23	249.01	90.14	1,499.13	-4,386.45	3,217.13	2,804.64	412.49	7.799		
15,000.00	7,142.61	7,182.61	7,182.61	231.05	249.02	90.15	1,499.13	-4,386.45	3,289.81	2,878.73	411.08	8.003		
15,100.00	7,142.85	7,182.85	7,182.85	233.87	249.03	90.15	1,499.13	-4,386.45	3,363.89	2,954.23	409.66	8.211		
15,200.00	7,143.09	7,183.09	7,183.09	236.69	249.04	90.16	1,499.13	-4,386.45	3,439.28	3,031.03	408.26	8.424		
15,300.00	7,143.33	7,183.33	7,183.33	239.52	249.05	90.17	1,499.13	-4,386.45	3,515.91	3,109.05	406.86	8.642		
15,400.00	7,143.57	7,183.57	7,183.57	242.34	249.05	90.17	1,499.13	-4,386.45	3,593.68	3,188.20	405.48	8.863		
15,500.00	7,143.81	7,183.81	7,183.81	245.17	249.06	90.18	1,499.13	-4,386.45	3,672.53	3,268.41	404.11	9.088		
15,600.00	7,144.05	7,184.05	7,184.05	247.99	249.07	90.19	1,499.13	-4,386.45	3,752.38	3,349.62	402.77	9.317		
15,700.00	7,144.29	7,184.29	7,184.29	250.82	249.08	90.19	1,499.13	-4,386.45	3,833.18	3,431.74	401.45	9.548		
15,800.00	7,144.53	7,184.53	7,184.53	253.64	249.09	90.20	1,499.13	-4,386.45	3,914.87	3,514.72	400.15	9.784		
15,900.00	7,144.76	7,184.76	7,184.76	256.47	249.10	90.20	1,499.13	-4,386.45	3,997.39	3,598.51	398.88	10.022		
16,000.00	7,145.00	7,185.00	7,185.00	259.30	249.11	90.21	1,499.13	-4,386.45	4,080.69	3,683.06	397.63	10.262		
16,100.00	7,145.24	7,185.24	7,185.24	262.13	249.11	90.22	1,499.13	-4,386.45	4,164.73	3,768.32	396.42	10.506		
16,200.00	7,145.48	7,185.48	7,185.48	264.96	249.12	90.22	1,499.13	-4,386.45	4,249.46	3,854.23	395.23	10.752		
16,300.00	7,145.72	7,185.72	7,185.72	267.79	249.13	90.23	1,499.13	-4,386.45	4,334.84	3,940.77	394.07	11.000		
16,400.00	7,145.96	7,185.96	7,185.96	270.62	249.14	90.23	1,499.13	-4,386.45	4,420.83	4,027.90	392.93	11.251		
16,500.00	7,146.20	7,186.20	7,186.20	273.45	249.15	90.24	1,499.13	-4,386.45	4,507.40	4,115.57	391.83	11.503		
16,600.00	7,146.44	7,186.44	7,186.44	276.28	249.16	90.25	1,499.13	-4,386.45	4,594.52	4,203.76	390.76	11.758		
16,700.00	7,146.68	7,186.68	7,186.68	279.12	249.16	90.25	1,499.13	-4,386.45	4,682.15	4,292.44	389.71	12.015		
16,800.00	7,146.92	7,186.92	7,186.92	281.95	249.17	90.26	1,499.13	-4,386.45	4,770.27	4,381.58	388.69	12.273		
16,900.00	7,147.16	7,187.16	7,187.16	284.78	249.18	90.27	1,499.13	-4,386.45	4,858.84	4,471.15	387.70	12.533		
17,000.00	7,147.40	7,187.40	7,187.40	287.62	249.19	90.27	1,499.13	-4,386.45	4,947.86	4,561.13	386.73	12.794		
17,100.00	7,147.64	7,187.64	7,187.64	290.45	249.20	90.28	1,499.13	-4,386.45	5,037.28	4,651.49	385.79	13.057		
17,200.00	7,147.88	7,187.88	7,187.88	293.28	249.21	90.28	1,499.13	-4,386.45	5,127.10	4,742.22	384.87	13.322		
17,300.00	7,148.12	7,188.12	7,188.12	296.12	249.21	90.29	1,499.13	-4,386.45	5,217.28	4,833.30	383.98	13.587		
17,400.00	7,148.36	7,188.36	7,188.36	298.95	249.22	90.30	1,499.13	-4,386.45	5,307.82	4,924.70	383.12	13.854		
17,500.00	7,148.60	7,188.60	7,188.60	301.79	249.23	90.30	1,499.13	-4,386.45	5,398.69	5,016.42	382.28	14.122		
17,600.00	7,148.84	7,188.84	7,188.84	304.63	249.24	90.31	1,499.13	-4,386.45	5,489.88	5,108.43	381.46	14.392		
17,700.00	7,149.08	7,189.08	7,189.08	307.46	249.25	90.31	1,499.13	-4,386.45	5,581.37	5,200.71	380.66	14.662		
17,800.00	7,149.32	7,189.32	7,189.32	310.30	249.26	90.32	1,499.13	-4,386.45	5,673.15	5,293.27	379.89	14.934		
17,900.00	7,149.56	7,189.56	7,189.56	313.14	249.26	90.33	1,499.13	-4,386.45	5,765.20	5,386.07	379.13	15.206		
18,000.00	7,149.80	7,189.80	7,189.80	315.98	249.27	90.33	1,499.13	-4,386.45	5,857.52	5,479.12	378.40	15.480		
18,100.00	7,150.04	7,190.04	7,190.04	318.81	249.28	90.34	1,499.13	-4,386.45	5,950.08	5,571.69	378.38	15.725		
18,200.00	7,150.27	7,190.27	7,190.27	321.65	249.29	90.34	1,499.13	-4,386.45	6,042.87	5,665.20	377.67	16.000		
18,300.00	7,150.51	7,190.51	7,190.51	324.49	249.29	90.35	1,499.13	-4,386.45	6,135.90	5,758.92	376.98	16.276		
18,400.00	7,150.75	7,190.75	7,190.75	327.33	249.29	90.36	1,499.13	-4,386.45	6,229.14	5,852.83	376.31	16.553		
18,500.00	7,150.99	7,190.99	7,190.99	330.17	249.29	90.36	1,499.13	-4,386.45	6,322.59	5,946.93	375.65	16.831		
18,600.00	7,151.23	7,191.23	7,191.23	333.01	249.30	90.37	1,499.13	-4,386.45	6,416.23	6,041.22	375.01	17.109		
18,700.00	7,151.47	7,191.47	7,191.47	335.85	249.30	90.38	1,499.13	-4,386.45	6,510.06	6,135.67	374.39	17.388		
18,800.00	7,151.71	7,191.71	7,191.71	338.69	249.30	90.38	1,499.13	-4,386.45	6,604.08	6,230.29	373.79	17.668		
18,900.00	7,151.95	7,191.95	7,191.95	341.53	249.31	90.39	1,499.13	-4,386.45	6,698.27	6,325.07	373.20	17.948		
18,920.23	7,152.00	7,192.00	7,192.00	342.10	249.31	90.39	1,499.13	-4,386.45	6,717.34	6,344.26	373.08	18.005		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	164.35	-3,646.68	1,021.33	3,787.01					
100.00	100.00	78.63	78.63	3.28	3.28	164.36	-3,646.94	1,021.01	3,787.20	3,780.63	6.57	576.496		
200.00	200.00	168.49	168.49	3.34	3.32	164.37	-3,647.67	1,020.27	3,787.76	3,781.10	6.66	568.872		
300.00	299.98	291.66	291.65	3.44	3.44	44.41	-3,648.36	1,020.02	3,787.02	3,780.13	6.88	550.136		
400.00	399.84	384.73	384.72	3.60	3.58	44.51	-3,648.41	1,020.21	3,783.40	3,776.22	7.18	527.165		
500.00	499.45	491.40	491.39	3.80	3.79	44.69	-3,648.52	1,020.56	3,777.36	3,769.78	7.59	497.987		
600.00	598.70	584.65	584.63	4.04	4.01	44.93	-3,648.51	1,021.00	3,768.80	3,760.76	8.04	468.466		
700.00	697.47	686.89	686.88	4.33	4.28	45.26	-3,648.62	1,021.32	3,757.88	3,749.29	8.60	437.135		
800.00	795.62	793.64	793.63	4.65	4.59	45.67	-3,648.53	1,021.72	3,744.39	3,735.16	9.22	406.014		
865.50	859.53	863.00	862.99	4.89	4.80	45.98	-3,648.32	1,022.02	3,734.14	3,724.48	9.66	386.572		
900.00	893.10	899.39	899.38	5.02	4.91	46.07	-3,648.18	1,022.13	3,728.45	3,718.55	9.90	376.722		
1,000.00	990.42	983.66	983.65	5.41	5.19	46.29	-3,648.00	1,022.29	3,712.13	3,701.59	10.54	352.187		
1,100.00	1,087.73	1,076.64	1,076.62	5.83	5.51	46.53	-3,648.07	1,022.42	3,696.13	3,684.88	11.25	328.661		
1,200.00	1,185.05	1,177.75	1,177.74	6.27	5.86	46.80	-3,648.17	1,022.45	3,680.21	3,668.21	12.00	306.656		
1,300.00	1,282.36	1,268.21	1,268.19	6.72	6.18	47.04	-3,648.26	1,022.44	3,664.35	3,651.61	12.74	287.597		
1,400.00	1,379.67	1,375.70	1,375.69	7.18	6.58	47.32	-3,648.42	1,022.57	3,648.66	3,635.10	13.56	269.013		
1,500.00	1,476.99	1,470.80	1,470.78	7.65	6.93	47.58	-3,648.33	1,022.56	3,632.77	3,618.42	14.35	253.086		
1,600.00	1,574.30	1,569.69	1,569.68	8.13	7.30	47.85	-3,648.42	1,022.32	3,617.08	3,601.91	15.17	238.458		
1,700.00	1,671.61	1,660.30	1,660.29	8.62	7.64	48.10	-3,648.45	1,022.15	3,601.44	3,585.47	15.97	225.561		
1,800.00	1,768.93	1,750.69	1,750.67	9.11	7.99	48.36	-3,648.77	1,021.90	3,586.15	3,569.38	16.78	213.760		
1,900.00	1,866.24	1,844.39	1,844.37	9.60	8.35	48.63	-3,649.23	1,021.47	3,571.05	3,553.44	17.61	202.791		
2,000.00	1,963.56	1,946.80	1,946.77	10.10	8.76	48.93	-3,649.80	1,021.02	3,556.10	3,537.62	18.48	192.399		
2,100.00	2,060.87	2,048.65	2,048.62	10.61	9.17	49.23	-3,650.10	1,020.29	3,540.94	3,521.57	19.36	182.893		
2,200.00	2,158.18	2,147.65	2,147.62	11.11	9.56	49.53	-3,650.53	1,019.35	3,525.94	3,505.71	20.23	174.257		
2,300.00	2,255.50	2,249.06	2,249.03	11.62	9.97	49.84	-3,650.73	1,018.31	3,510.82	3,489.69	21.12	166.212		
2,400.00	2,352.81	2,343.30	2,343.25	12.13	10.35	50.13	-3,651.01	1,017.26	3,495.85	3,473.86	21.99	158.976		
2,500.00	2,450.13	2,440.88	2,440.83	12.65	10.75	50.43	-3,651.26	1,016.43	3,481.01	3,458.13	22.87	152.175		
2,600.00	2,547.44	2,541.77	2,541.72	13.16	11.17	50.75	-3,651.48	1,015.57	3,466.22	3,442.45	23.78	145.781		
2,700.00	2,644.75	2,643.68	2,643.63	13.68	11.59	51.07	-3,651.55	1,014.59	3,451.37	3,426.68	24.69	139.810		
2,800.00	2,742.07	2,743.38	2,743.33	14.20	12.00	51.38	-3,651.52	1,013.83	3,436.55	3,410.96	25.59	134.292		
2,900.00	2,839.38	2,839.74	2,839.68	14.71	12.40	51.69	-3,651.41	1,013.04	3,421.75	3,395.26	26.49	129.194		
3,000.00	2,936.70	2,928.49	2,928.42	15.23	12.77	51.97	-3,651.48	1,012.21	3,407.22	3,379.86	27.36	124.550		
3,100.00	3,034.01	3,019.17	3,019.10	15.76	13.15	52.27	-3,651.77	1,011.51	3,393.04	3,364.80	28.24	120.157		
3,200.00	3,131.32	3,117.62	3,117.55	16.28	13.56	52.58	-3,652.06	1,010.98	3,378.98	3,349.83	29.15	115.908		
3,300.00	3,228.64	3,207.83	3,207.76	16.80	13.94	52.87	-3,652.39	1,010.91	3,365.15	3,335.11	30.04	112.040		
3,400.00	3,325.95	3,306.42	3,306.34	17.32	14.36	53.18	-3,652.81	1,010.90	3,351.49	3,320.54	30.95	108.282		
3,500.00	3,423.26	3,408.02	3,407.95	17.85	14.78	53.51	-3,653.17	1,010.87	3,337.85	3,305.97	31.88	104.694		
3,600.00	3,520.58	3,494.01	3,493.94	18.37	15.15	53.78	-3,653.57	1,010.94	3,324.43	3,291.68	32.76	101.493		
3,700.00	3,617.89	3,599.38	3,599.30	18.90	15.59	54.13	-3,654.14	1,010.76	3,311.17	3,277.46	33.70	98.240		
3,800.00	3,715.21	3,686.72	3,686.64	19.43	15.96	54.42	-3,654.65	1,010.38	3,298.02	3,263.43	34.59	95.343		
3,900.00	3,812.52	3,793.71	3,793.63	19.95	16.42	54.78	-3,655.30	1,010.12	3,285.03	3,249.48	35.55	92.402		
4,000.00	3,909.83	3,896.39	3,896.31	20.48	16.86	55.12	-3,655.62	1,010.03	3,271.88	3,235.38	36.50	89.647		
4,100.00	4,007.15	3,994.36	3,994.28	21.01	17.27	55.45	-3,655.84	1,010.00	3,258.75	3,221.32	37.43	87.071		
4,200.00	4,104.46	4,094.62	4,094.53	21.53	17.70	55.79	-3,656.00	1,010.08	3,245.68	3,207.32	38.36	84.608		
4,300.00	4,201.78	4,192.50	4,192.42	22.06	18.11	56.12	-3,656.09	1,010.34	3,232.66	3,193.37	39.28	82.289		
4,400.00	4,299.09	4,284.99	4,284.90	22.59	18.49	56.43	-3,656.22	1,010.73	3,219.81	3,179.62	40.19	80.117		
4,500.00	4,396.40	4,384.87	4,384.78	23.12	18.91	56.77	-3,656.42	1,011.18	3,207.13	3,166.01	41.12	77.991		
4,600.00	4,493.72	4,477.69	4,477.61	23.65	19.30	57.08	-3,656.59	1,011.77	3,194.56	3,152.53	42.03	76.005		
4,700.00	4,591.03	4,571.89	4,571.80	24.18	19.70	57.40	-3,656.92	1,012.18	3,182.24	3,139.29	42.95	74.092		
4,800.00	4,688.34	4,669.35	4,669.26	24.71	20.11	57.74	-3,657.32	1,012.55	3,170.08	3,126.20	43.88	72.240		
4,900.00	4,785.66	4,754.90	4,754.81	25.24	20.47	58.04	-3,657.75	1,012.92	3,158.15	3,113.38	44.78	70.533		
5,000.00	4,882.97	4,841.48	4,841.38	25.77	20.84	58.35	-3,658.63	1,013.18	3,146.81	3,101.14	45.67	68.897		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,980.29	4,937.68	4,937.58	26.30	21.26	58.69	-3,659.75	1,013.18	3,135.72	3,089.11	46.61	67.273		
5,200.00	5,077.60	5,039.18	5,039.07	26.83	21.69	59.07	-3,660.92	1,012.94	3,124.75	3,077.17	47.57	65.686		
5,300.00	5,174.91	5,141.25	5,141.14	27.36	22.13	59.45	-3,661.86	1,012.45	3,113.66	3,065.13	48.53	64.155		
5,400.00	5,272.23	5,240.17	5,240.05	27.89	22.56	59.82	-3,662.77	1,012.13	3,102.72	3,053.23	49.49	62.699		
5,500.00	5,369.54	5,348.16	5,348.04	28.42	23.03	60.22	-3,663.51	1,012.06	3,091.67	3,041.19	50.47	61.256		
5,600.00	5,466.86	5,459.35	5,459.23	28.95	23.50	60.64	-3,663.83	1,012.00	3,080.37	3,028.90	51.47	59.853		
5,700.00	5,564.17	5,552.05	5,551.93	29.48	23.90	60.99	-3,663.83	1,011.74	3,068.92	3,016.53	52.39	58.575		
5,800.00	5,661.48	5,649.76	5,649.63	30.01	24.31	61.37	-3,664.18	1,011.56	3,057.95	3,004.61	53.34	57.333		
5,900.00	5,758.80	5,754.33	5,754.20	30.54	24.75	61.77	-3,664.15	1,011.63	3,046.72	2,992.42	54.30	56.110		
6,000.00	5,856.11	5,845.77	5,845.65	31.07	25.13	62.11	-3,664.19	1,011.94	3,035.70	2,980.48	55.22	54.976		
6,100.00	5,953.43	5,944.78	5,944.65	31.61	25.55	62.49	-3,664.40	1,012.18	3,024.97	2,968.81	56.17	53.856		
6,200.00	6,050.74	6,043.16	6,043.03	32.14	25.96	62.87	-3,664.36	1,012.24	3,014.14	2,957.03	57.11	52.774		
6,300.00	6,148.05	6,137.38	6,137.26	32.67	26.36	63.24	-3,664.57	1,012.44	3,003.70	2,945.65	58.05	51.745		
6,400.00	6,245.37	6,245.00	6,244.87	33.20	26.81	63.66	-3,664.52	1,012.62	2,993.12	2,934.10	59.03	50.709		
6,500.00	6,342.68	6,349.00	6,348.87	33.73	27.24	64.07	-3,664.26	1,012.98	2,982.48	2,922.50	59.99	49.718		
6,520.81	6,362.93	6,371.36	6,371.23	33.85	27.33	64.16	-3,664.16	1,013.02	2,980.25	2,920.06	60.19	49.514		
6,550.00	6,391.46	6,402.84	6,402.72	34.00	27.46	57.66	-3,664.00	1,013.04	2,977.08	2,916.61	60.47	49.233		
6,600.00	6,440.79	6,446.76	6,446.64	34.23	27.64	38.34	-3,663.79	1,013.08	2,971.57	2,910.69	60.89	48.803		
6,650.00	6,490.44	6,491.51	6,491.39	34.43	27.83	2.70	-3,663.65	1,013.17	2,966.04	2,904.76	61.28	48.402		
6,700.00	6,540.10	6,541.72	6,541.59	34.60	28.04	-33.99	-3,663.55	1,013.28	2,960.46	2,898.80	61.66	48.011		
6,750.00	6,589.46	6,592.89	6,592.76	34.76	28.25	-54.48	-3,663.40	1,013.31	2,954.81	2,892.77	62.04	47.631		
6,800.00	6,638.22	6,653.66	6,653.53	34.92	28.50	-65.29	-3,663.10	1,013.30	2,949.07	2,886.63	62.44	47.233		
6,850.00	6,686.09	6,714.89	6,714.76	35.07	28.76	-71.86	-3,662.52	1,013.30	2,943.20	2,880.35	62.84	46.836		
6,900.00	6,732.75	6,761.50	6,761.37	35.24	28.95	-76.29	-3,661.99	1,013.33	2,937.42	2,874.21	63.21	46.474		
6,950.00	6,777.94	6,809.12	6,808.98	35.42	29.15	-79.61	-3,661.41	1,013.39	2,931.88	2,868.30	63.58	46.112		
7,000.00	6,821.36	6,850.13	6,849.99	35.61	29.32	-82.21	-3,660.92	1,013.53	2,926.74	2,862.79	63.95	45.766		
7,050.00	6,862.75	6,910.63	6,889.23	35.83	29.57	-84.36	-3,660.48	1,013.77	2,922.14	2,857.72	64.41	45.365		
7,100.00	6,901.85	6,928.18	6,928.03	36.06	29.64	-86.18	-3,660.05	1,014.10	2,918.19	2,853.47	64.72	45.092		
7,150.00	6,938.43	6,964.44	6,964.29	36.32	29.80	-87.73	-3,659.66	1,014.41	2,915.00	2,849.88	65.12	44.764		
7,200.00	6,972.26	6,997.94	6,997.78	36.61	29.94	-89.03	-3,659.29	1,014.69	2,912.69	2,847.15	65.54	44.444		
7,250.00	7,003.13	7,028.45	7,028.29	36.93	30.06	-90.11	-3,658.96	1,014.95	2,911.38	2,845.41	65.97	44.133		
7,284.01	7,022.34	7,047.41	7,047.25	37.17	30.14	-90.72	-3,658.75	1,015.11	2,911.11	2,844.84	66.28	43.923 CC		
7,300.00	7,030.85	7,055.80	7,055.64	37.29	30.18	-90.98	-3,658.66	1,015.18	2,911.17	2,844.76	66.42	43.830 ES		
7,350.00	7,055.25	7,079.82	7,079.65	37.68	30.28	-91.62	-3,658.40	1,015.38	2,912.17	2,845.28	66.89	43.537		
7,400.00	7,076.17	7,100.36	7,100.19	38.12	30.37	-92.03	-3,658.17	1,015.56	2,914.43	2,847.05	67.38	43.256		
7,450.00	7,093.50	7,117.28	7,117.12	38.60	30.44	-92.22	-3,657.99	1,015.70	2,918.03	2,850.14	67.88	42.987		
7,500.00	7,107.11	7,130.50	7,130.33	39.11	30.49	-92.17	-3,657.85	1,015.81	2,922.99	2,854.59	68.40	42.733		
7,550.00	7,116.94	7,139.92	7,139.75	39.66	30.53	-91.88	-3,657.74	1,015.89	2,929.33	2,860.40	68.93	42.496		
7,600.00	7,122.91	7,145.49	7,145.32	40.24	30.55	-91.35	-3,657.68	1,015.94	2,937.05	2,867.58	69.47	42.280		
7,650.18	7,125.00	7,147.17	7,147.00	40.85	30.56	-90.58	-3,657.66	1,015.95	2,946.13	2,876.13	70.00	42.087		
7,700.00	7,125.12	7,146.90	7,146.72	41.48	30.56	-90.58	-3,657.67	1,015.95	2,956.20	2,885.66	70.54	41.907		
7,800.00	7,125.36	7,146.34	7,146.17	42.88	30.56	-90.57	-3,657.67	1,015.94	2,978.82	2,907.10	71.72	41.536		
7,900.00	7,125.60	7,145.78	7,145.61	44.42	30.56	-90.55	-3,657.68	1,015.94	3,004.60	2,931.62	72.98	41.169		
8,000.00	7,125.84	7,145.22	7,145.05	46.10	30.55	-90.54	-3,657.68	1,015.94	3,033.47	2,959.15	74.32	40.819		
8,100.00	7,126.08	7,144.66	7,144.49	47.89	30.55	-90.53	-3,657.69	1,015.93	3,065.32	2,989.62	75.70	40.494		
8,200.00	7,126.32	7,144.11	7,143.94	49.79	30.55	-90.52	-3,657.70	1,015.93	3,100.07	3,022.96	77.11	40.202		
8,300.00	7,126.56	7,143.55	7,143.38	51.79	30.55	-90.51	-3,657.70	1,015.92	3,137.63	3,059.09	78.54	39.948		
8,400.00	7,126.80	7,142.99	7,142.82	53.86	30.54	-90.50	-3,657.71	1,015.92	3,177.89	3,097.92	79.98	39.736		
8,500.00	7,127.04	7,142.43	7,142.26	56.00	30.54	-90.49	-3,657.71	1,015.91	3,220.76	3,139.36	81.40	39.567		
8,600.00	7,127.28	7,141.88	7,141.71	58.21	30.54	-90.48	-3,657.72	1,015.91	3,266.12	3,183.31	82.81	39.443		
8,689.38	7,127.49	7,141.38	7,141.21	60.24	30.54	-90.47	-3,657.73	1,015.90	3,308.70	3,224.66	84.04	39.371		
8,700.00	7,127.52	7,141.32	7,141.15	60.48	30.54	-90.46	-3,657.73	1,015.90	3,313.86	3,229.68	84.18	39.364		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,800.00	7,127.76	7,140.74	7,140.57	62.79	30.53	-90.44	-3,657.73	1,015.90	3,362.09	3,276.55	85.54	39.303		
8,841.07	7,127.85	7,140.49	7,140.32	63.74	30.53	-90.43	-3,657.74	1,015.90	3,381.67	3,295.58	86.09	39.279		
8,900.00	7,128.00	7,140.12	7,139.95	65.12	30.53	-90.42	-3,657.74	1,015.89	3,410.07	3,323.19	86.88	39.251		
9,000.00	7,128.23	7,139.51	7,139.34	67.50	30.53	-90.41	-3,657.75	1,015.89	3,460.03	3,371.85	88.18	39.237 SF		
9,100.00	7,128.47	7,138.89	7,138.72	69.91	30.53	-90.40	-3,657.75	1,015.88	3,512.12	3,422.68	89.45	39.265		
9,200.00	7,128.71	7,138.27	7,138.10	72.35	30.52	-90.39	-3,657.76	1,015.88	3,566.26	3,475.59	90.67	39.334		
9,300.00	7,128.95	7,137.66	7,137.49	74.83	30.52	-90.38	-3,657.77	1,015.87	3,622.35	3,530.51	91.84	39.440		
9,400.00	7,129.19	7,137.04	7,136.87	77.33	30.52	-90.36	-3,657.77	1,015.87	3,680.30	3,587.33	92.98	39.583		
9,500.00	7,129.43	7,136.42	7,136.25	79.86	30.52	-90.35	-3,657.78	1,015.86	3,740.03	3,645.97	94.06	39.760		
9,600.00	7,129.67	7,135.81	7,135.64	82.41	30.51	-90.34	-3,657.79	1,015.86	3,801.45	3,706.34	95.11	39.970		
9,700.00	7,129.91	7,135.19	7,135.02	84.97	30.51	-90.33	-3,657.79	1,015.85	3,864.49	3,768.38	96.11	40.210		
9,800.00	7,130.15	7,134.57	7,134.40	87.56	30.51	-90.32	-3,657.80	1,015.85	3,929.05	3,831.99	97.06	40.480		
9,900.00	7,130.39	7,133.96	7,133.79	90.16	30.51	-90.30	-3,657.81	1,015.84	3,995.08	3,897.10	97.98	40.776		
10,000.00	7,130.63	7,133.34	7,133.17	92.78	30.50	-90.29	-3,657.81	1,015.83	4,062.49	3,963.65	98.85	41.099		
10,100.00	7,130.87	7,132.72	7,132.55	95.41	30.50	-90.28	-3,657.82	1,015.83	4,131.23	4,031.55	99.68	41.445		
10,200.00	7,131.11	7,132.11	7,131.94	98.06	30.50	-90.27	-3,657.83	1,015.82	4,201.22	4,100.75	100.47	41.814		
10,300.00	7,131.35	7,131.49	7,131.32	100.71	30.50	-90.26	-3,657.83	1,015.82	4,272.41	4,171.17	101.23	42.205		
10,400.00	7,131.59	7,130.87	7,130.70	103.38	30.49	-90.24	-3,657.84	1,015.81	4,344.73	4,242.77	101.95	42.615		
10,500.00	7,131.83	7,130.26	7,130.09	106.06	30.49	-90.23	-3,657.85	1,015.81	4,418.13	4,315.49	102.64	43.044		
10,600.00	7,132.07	7,129.64	7,129.47	108.74	30.49	-90.22	-3,657.85	1,015.80	4,492.55	4,389.26	103.30	43.492		
10,700.00	7,132.31	7,129.02	7,128.85	111.44	30.49	-90.21	-3,657.86	1,015.80	4,567.96	4,464.04	103.92	43.955		
10,800.00	7,132.55	7,128.41	7,128.24	114.14	30.48	-90.20	-3,657.87	1,015.79	4,644.29	4,539.77	104.52	44.435		
10,900.00	7,132.79	7,127.79	7,127.62	116.85	30.48	-90.19	-3,657.87	1,015.79	4,721.51	4,616.42	105.09	44.929		
11,000.00	7,133.03	7,127.17	7,127.00	119.57	30.48	-90.17	-3,657.88	1,015.78	4,799.56	4,693.94	105.63	45.438		
11,100.00	7,133.27	7,126.56	7,126.39	122.29	30.47	-90.16	-3,657.89	1,015.78	4,878.42	4,772.28	106.15	45.959		
11,200.00	7,133.51	7,125.94	7,125.77	125.02	30.47	-90.15	-3,657.89	1,015.77	4,958.04	4,851.40	106.64	46.493		
11,300.00	7,133.74	7,125.32	7,125.15	127.76	30.47	-90.14	-3,657.90	1,015.77	5,038.39	4,931.28	107.11	47.039		
11,400.00	7,133.98	7,124.71	7,124.54	130.50	30.47	-90.13	-3,657.91	1,015.76	5,119.43	5,011.87	107.56	47.596		
11,500.00	7,134.22	7,124.09	7,123.92	133.24	30.46	-90.11	-3,657.92	1,015.76	5,201.13	5,093.14	107.99	48.163		
11,600.00	7,134.46	7,123.47	7,123.30	135.99	30.46	-90.10	-3,657.92	1,015.75	5,283.46	5,175.06	108.40	48.740		
11,700.00	7,134.70	7,122.86	7,122.69	138.75	30.46	-90.09	-3,657.93	1,015.75	5,366.39	5,257.60	108.79	49.327		
11,800.00	7,134.94	7,122.24	7,122.07	141.51	30.46	-90.08	-3,657.94	1,015.74	5,449.89	5,340.73	109.17	49.922		
11,900.00	7,135.18	7,121.62	7,121.45	144.27	30.45	-90.07	-3,657.94	1,015.74	5,533.94	5,424.42	109.53	50.526		
12,000.00	7,135.42	7,121.01	7,120.84	147.03	30.45	-90.05	-3,657.95	1,015.73	5,618.52	5,508.64	109.87	51.138		
12,100.00	7,135.66	7,120.39	7,120.22	149.80	30.45	-90.04	-3,657.96	1,015.73	5,703.59	5,593.39	110.20	51.757		
12,200.00	7,135.90	7,119.77	7,119.60	152.58	30.45	-90.03	-3,657.96	1,015.72	5,789.13	5,678.62	110.52	52.383		
12,300.00	7,136.14	7,119.16	7,118.99	155.35	30.44	-90.02	-3,657.97	1,015.71	5,875.14	5,764.32	110.82	53.016		
12,400.00	7,136.38	7,118.54	7,118.37	158.13	30.44	-90.01	-3,657.98	1,015.71	5,961.58	5,850.47	111.11	53.656		
12,500.00	7,136.62	7,117.92	7,117.76	160.91	30.44	-90.00	-3,657.98	1,015.70	6,048.44	5,937.05	111.39	54.301		
12,600.00	7,136.86	7,117.31	7,117.14	163.70	30.44	-89.98	-3,657.99	1,015.70	6,135.70	6,024.05	111.65	54.953		
12,700.00	7,137.10	7,116.69	7,116.52	166.48	30.43	-89.97	-3,658.00	1,015.69	6,223.34	6,111.43	111.91	55.609		
12,800.00	7,137.34	7,116.07	7,115.91	169.27	30.43	-89.96	-3,658.01	1,015.69	6,311.35	6,199.19	112.16	56.271		
12,900.00	7,137.58	7,115.46	7,115.29	172.06	30.43	-89.95	-3,658.01	1,015.68	6,399.72	6,287.32	112.40	56.938		
13,000.00	7,137.82	7,114.84	7,114.67	174.86	30.43	-89.94	-3,658.02	1,015.68	6,488.42	6,375.79	112.63	57.610		
13,100.00	7,138.06	7,114.22	7,114.06	177.65	30.42	-89.92	-3,658.02	1,015.67	6,577.44	6,464.59	112.85	58.286		
13,200.00	7,138.30	7,113.61	7,113.44	180.45	30.42	-89.91	-3,658.03	1,015.67	6,666.77	6,553.71	113.06	58.967		
13,300.00	7,138.54	7,112.99	7,112.82	183.25	30.42	-89.90	-3,658.04	1,015.66	6,756.41	6,643.14	113.27	59.651		
13,400.00	7,138.78	7,112.37	7,112.21	186.05	30.42	-89.89	-3,658.04	1,015.66	6,846.33	6,732.87	113.46	60.339		
13,500.00	7,139.02	7,111.76	7,111.59	188.85	30.41	-89.88	-3,658.05	1,015.65	6,936.53	6,822.87	113.66	61.031		
13,600.00	7,139.25	7,111.14	7,110.97	191.65	30.41	-89.86	-3,658.06	1,015.65	7,026.99	6,913.15	113.84	61.726		
13,700.00	7,139.49	7,110.52	7,110.36	194.46	30.41	-89.85	-3,658.06	1,015.64	7,117.71	7,003.69	114.02	62.425		
13,800.00	7,139.73	7,109.91	7,109.74	197.27	30.41	-89.84	-3,658.07	1,015.64	7,208.67	7,094.48	114.19	63.127		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,900.00	7,139.97	7,109.29	7,109.12	200.08	30.40	-89.83	-3,658.08	1,015.63	7,299.87	7,185.51	114.36	63.832		
14,000.00	7,140.21	7,108.67	7,108.51	202.89	30.40	-89.82	-3,658.08	1,015.63	7,391.30	7,276.77	114.52	64.539		
14,100.00	7,140.45	7,108.06	7,107.89	205.70	30.40	-89.81	-3,658.09	1,015.62	7,482.94	7,368.26	114.68	65.250		
14,200.00	7,140.69	7,107.44	7,107.27	208.51	30.39	-89.79	-3,658.10	1,015.62	7,574.80	7,459.97	114.83	65.963		
14,300.00	7,140.93	7,106.82	7,106.66	211.32	30.39	-89.78	-3,658.10	1,015.61	7,666.86	7,551.88	114.98	66.678		
14,400.00	7,141.17	7,106.21	7,106.04	214.14	30.39	-89.77	-3,658.11	1,015.61	7,759.12	7,643.99	115.13	67.396		
14,500.00	7,141.41	7,105.59	7,105.42	216.95	30.39	-89.76	-3,658.12	1,015.60	7,851.57	7,736.30	115.27	68.116		
14,600.00	7,141.65	7,104.97	7,104.81	219.77	30.38	-89.75	-3,658.12	1,015.60	7,944.20	7,828.79	115.40	68.838		
14,700.00	7,141.89	7,104.36	7,104.19	222.59	30.38	-89.73	-3,658.13	1,015.59	8,037.00	7,921.47	115.54	69.562		
14,800.00	7,142.13	7,103.74	7,103.57	225.41	30.38	-89.72	-3,658.14	1,015.58	8,129.98	8,014.32	115.67	70.288		
14,900.00	7,142.37	7,103.12	7,102.96	228.23	30.38	-89.71	-3,658.14	1,015.58	8,223.12	8,107.33	115.79	71.016		
15,000.00	7,142.61	7,102.51	7,102.34	231.05	30.37	-89.70	-3,658.15	1,015.57	8,316.43	8,200.51	115.92	71.745		
15,100.00	7,142.85	7,101.89	7,101.72	233.87	30.37	-89.69	-3,658.16	1,015.57	8,409.88	8,293.84	116.04	72.476		
15,200.00	7,143.09	7,101.27	7,101.11	236.69	30.37	-89.67	-3,658.16	1,015.56	8,503.49	8,387.33	116.15	73.209		
15,300.00	7,143.33	7,100.66	7,100.49	239.52	30.37	-89.66	-3,658.17	1,015.56	8,597.23	8,480.96	116.27	73.943		
15,400.00	7,143.57	7,100.04	7,099.87	242.34	30.36	-89.65	-3,658.18	1,015.55	8,691.12	8,574.74	116.38	74.678		
15,500.00	7,143.81	7,099.42	7,099.26	245.17	30.36	-89.64	-3,658.18	1,015.55	8,785.14	8,668.65	116.49	75.415		
15,600.00	7,144.05	7,098.81	7,098.64	247.99	30.36	-89.63	-3,658.19	1,015.54	8,879.30	8,762.70	116.60	76.153		
15,700.00	7,144.29	7,098.19	7,098.02	250.82	30.36	-89.62	-3,658.20	1,015.54	8,973.58	8,856.87	116.70	76.892		
15,800.00	7,144.53	7,097.57	7,097.41	253.64	30.35	-89.60	-3,658.20	1,015.53	9,067.98	8,951.17	116.81	77.633		
15,900.00	7,144.76	7,096.96	7,096.79	256.47	30.35	-89.59	-3,658.21	1,015.53	9,162.50	9,045.59	116.91	78.374		
16,000.00	7,145.00	7,096.34	7,096.17	259.30	30.35	-89.58	-3,658.22	1,015.52	9,257.13	9,140.13	117.01	79.116		
16,100.00	7,145.24	7,095.72	7,095.56	262.13	30.35	-89.57	-3,658.22	1,015.52	9,351.88	9,234.78	117.10	79.860		
16,200.00	7,145.48	7,095.11	7,094.94	264.96	30.34	-89.56	-3,658.23	1,015.51	9,446.74	9,329.54	117.20	80.604		
16,300.00	7,145.72	7,094.49	7,094.32	267.79	30.34	-89.54	-3,658.24	1,015.51	9,541.70	9,424.40	117.29	81.349		
16,400.00	7,145.96	7,093.87	7,093.71	270.62	30.34	-89.53	-3,658.24	1,015.50	9,636.76	9,519.37	117.39	82.094		
16,500.00	7,146.20	7,093.26	7,093.09	273.45	30.34	-89.52	-3,658.25	1,015.50	9,731.92	9,614.44	117.48	82.841		
16,600.00	7,146.44	7,092.64	7,092.48	276.28	30.33	-89.51	-3,658.26	1,015.49	9,827.18	9,709.61	117.57	83.588		
16,700.00	7,146.68	7,092.02	7,091.86	279.12	30.33	-89.50	-3,658.26	1,015.49	9,922.53	9,804.87	117.66	84.335		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	139.19	-1,140.99	985.07	1,507.82					
100.00	100.00	69.34	69.34	3.28	3.28	139.20	-1,140.93	984.95	1,507.28	1,500.71	6.57	229.483		
200.00	200.00	173.78	173.78	3.34	3.32	139.20	-1,140.64	984.43	1,506.74	1,500.08	6.66	226.235		
300.00	299.98	271.70	271.70	3.44	3.42	19.25	-1,140.29	983.90	1,504.47	1,497.61	6.86	219.408		
400.00	399.84	374.02	374.02	3.60	3.56	19.36	-1,139.97	983.43	1,498.99	1,491.83	7.16	209.380		
500.00	499.45	476.32	476.31	3.80	3.76	19.54	-1,139.46	982.78	1,489.98	1,482.43	7.55	197.221		
600.00	598.70	575.46	575.45	4.04	3.98	19.78	-1,138.88	982.12	1,477.62	1,469.60	8.02	184.177		
700.00	697.47	675.48	675.46	4.33	4.24	20.11	-1,138.33	981.38	1,462.01	1,453.45	8.56	170.801		
800.00	795.62	775.58	775.55	4.65	4.52	20.53	-1,137.79	980.43	1,443.07	1,433.91	9.15	157.649		
865.50	859.53	839.24	839.21	4.89	4.72	20.84	-1,137.43	979.75	1,428.88	1,419.32	9.57	149.384		
900.00	893.10	872.21	872.18	5.02	4.82	20.96	-1,137.24	979.41	1,421.07	1,411.29	9.79	145.212		
1,000.00	990.42	970.00	969.96	5.41	5.13	21.32	-1,136.72	978.42	1,398.49	1,388.04	10.45	133.847		
1,100.00	1,087.73	1,066.63	1,066.59	5.83	5.46	21.69	-1,136.24	977.29	1,375.89	1,364.76	11.14	123.515		
1,200.00	1,185.05	1,162.73	1,162.68	6.27	5.79	22.06	-1,135.78	976.27	1,353.43	1,341.58	11.86	114.157		
1,300.00	1,282.36	1,261.64	1,261.58	6.72	6.15	22.45	-1,135.16	975.40	1,331.03	1,318.42	12.60	105.605		
1,400.00	1,379.67	1,359.04	1,358.98	7.18	6.51	22.85	-1,134.45	974.41	1,308.52	1,295.16	13.37	97.901		
1,500.00	1,476.99	1,455.36	1,455.28	7.65	6.87	23.27	-1,133.85	973.40	1,286.15	1,272.01	14.14	90.956		
1,600.00	1,574.30	1,551.40	1,551.32	8.13	7.23	23.69	-1,133.18	972.56	1,263.88	1,248.95	14.93	84.666		
1,700.00	1,671.61	1,646.90	1,646.82	8.62	7.60	24.12	-1,132.59	971.82	1,241.79	1,226.07	15.73	78.968		
1,800.00	1,768.93	1,744.43	1,744.34	9.11	7.98	24.58	-1,132.24	970.84	1,219.86	1,203.32	16.54	73.756		
1,900.00	1,866.24	1,839.21	1,839.11	9.60	8.35	25.05	-1,131.79	969.91	1,197.93	1,180.58	17.35	69.030		
2,000.00	1,963.56	1,929.16	1,929.06	10.10	8.71	25.50	-1,131.64	969.52	1,176.62	1,158.46	18.16	64.784		
2,100.00	2,060.87	2,022.51	2,022.42	10.61	9.08	25.99	-1,131.95	969.16	1,155.84	1,136.85	18.99	60.876		
2,200.00	2,158.18	2,117.74	2,117.64	11.11	9.46	26.52	-1,132.58	968.78	1,135.40	1,115.57	19.82	57.280		
2,300.00	2,255.50	2,214.65	2,214.55	11.62	9.84	27.08	-1,133.24	968.55	1,115.16	1,094.49	20.67	53.957		
2,400.00	2,352.81	2,312.61	2,312.51	12.13	10.24	27.66	-1,133.97	968.17	1,095.00	1,073.48	21.52	50.879		
2,500.00	2,450.13	2,409.97	2,409.86	12.65	10.63	28.27	-1,134.76	967.65	1,074.94	1,052.56	22.38	48.031		
2,600.00	2,547.44	2,505.79	2,505.68	13.16	11.02	28.89	-1,135.53	967.30	1,055.08	1,031.84	23.24	45.400		
2,700.00	2,644.75	2,603.54	2,603.43	13.68	11.42	29.54	-1,136.29	967.04	1,035.38	1,011.27	24.11	42.948		
2,800.00	2,742.07	2,699.03	2,698.91	14.20	11.81	30.20	-1,137.12	966.79	1,015.89	990.91	24.98	40.675		
2,900.00	2,839.38	2,798.34	2,798.21	14.71	12.22	30.91	-1,137.94	966.60	996.63	970.68	25.86	38.541		
3,000.00	2,936.70	2,893.09	2,892.96	15.23	12.61	31.60	-1,138.68	966.54	977.35	950.62	26.73	36.562		
3,100.00	3,034.01	2,991.16	2,991.03	15.76	13.02	32.35	-1,139.55	966.53	958.44	930.82	27.62	34.703		
3,200.00	3,131.32	3,088.96	3,088.83	16.28	13.42	33.13	-1,140.39	966.41	939.62	911.11	28.51	32.960		
3,300.00	3,228.64	3,186.98	3,186.85	16.80	13.84	33.96	-1,141.16	966.15	920.84	891.43	29.41	31.313		
3,400.00	3,325.95	3,285.49	3,285.35	17.32	14.24	34.80	-1,141.76	965.89	902.11	871.80	30.30	29.769		
3,500.00	3,423.26	3,378.77	3,378.62	17.85	14.63	35.64	-1,142.59	965.71	883.85	852.65	31.20	28.329		
3,600.00	3,520.58	3,466.65	3,466.50	18.37	14.99	36.47	-1,144.00	965.71	866.52	834.42	32.09	27.002		
3,700.00	3,617.89	3,556.63	3,556.44	18.90	15.37	37.35	-1,146.42	966.07	850.53	817.54	32.99	25.783		
3,800.00	3,715.21	3,651.76	3,651.52	19.43	15.77	38.31	-1,149.45	966.78	835.38	801.48	33.90	24.642		
3,900.00	3,812.52	3,750.12	3,749.83	19.95	16.18	39.33	-1,152.63	967.60	820.54	785.72	34.83	23.561		
4,000.00	3,909.83	3,850.23	3,849.88	20.48	16.60	40.41	-1,155.71	968.36	805.82	770.06	35.76	22.535		
4,100.00	4,007.15	3,949.63	3,949.25	21.01	17.02	41.53	-1,158.48	968.91	791.05	754.35	36.70	21.557		
4,200.00	4,104.46	4,048.22	4,047.79	21.53	17.43	42.69	-1,161.20	969.32	776.51	738.87	37.64	20.632		
4,300.00	4,201.78	4,147.88	4,147.42	22.06	17.85	43.90	-1,163.72	969.74	762.08	723.49	38.58	19.751		
4,400.00	4,299.09	4,247.05	4,246.57	22.59	18.27	45.16	-1,166.00	970.03	747.74	708.20	39.54	18.913		
4,500.00	4,396.40	4,346.22	4,345.71	23.12	18.69	46.45	-1,168.09	970.36	733.60	693.10	40.49	18.116		
4,600.00	4,493.72	4,445.56	4,445.04	23.65	19.11	47.81	-1,169.97	970.50	719.58	678.12	41.46	17.357		
4,700.00	4,591.03	4,543.39	4,542.85	24.18	19.52	49.22	-1,171.71	970.33	705.81	663.39	42.43	16.636		
4,800.00	4,688.34	4,640.85	4,640.29	24.71	19.93	50.69	-1,173.52	970.05	692.54	649.14	43.40	15.957		
4,900.00	4,785.66	4,739.74	4,739.17	25.24	20.35	52.23	-1,175.20	969.86	679.63	635.24	44.38	15.313		
5,000.00	4,882.97	4,838.68	4,838.10	25.77	20.77	53.80	-1,176.61	969.97	666.97	621.60	45.37	14.701		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	4,938.06	4,937.47	26.30	21.18	55.40	-1,177.79	970.45	654.63	608.27	46.36	14.120		
5,200.00	5,077.60	5,037.27	5,036.67	26.83	21.60	57.07	-1,178.59	970.76	642.43	595.07	47.36	13.565		
5,300.00	5,174.91	5,135.08	5,134.48	27.36	22.02	58.81	-1,179.38	970.69	630.78	582.42	48.36	13.043		
5,400.00	5,272.23	5,234.88	5,234.29	27.89	22.44	60.64	-1,179.85	970.66	619.41	570.04	49.37	12.545		
5,500.00	5,369.54	5,332.69	5,332.09	28.42	22.85	62.51	-1,180.09	970.54	608.47	558.08	50.39	12.076		
5,600.00	5,466.86	5,430.46	5,429.86	28.95	23.27	64.47	-1,180.33	970.08	598.24	546.83	51.41	11.637		
5,700.00	5,564.17	5,530.58	5,529.98	29.48	23.69	66.59	-1,180.17	969.25	588.40	535.96	52.43	11.221		
5,800.00	5,661.48	5,629.79	5,629.19	30.01	24.11	68.76	-1,179.58	968.39	578.96	525.49	53.46	10.829		
5,900.00	5,758.80	5,728.09	5,727.47	30.54	24.53	70.99	-1,178.67	967.48	570.06	515.57	54.49	10.461		
6,000.00	5,856.11	5,825.18	5,824.55	31.07	24.94	73.24	-1,177.74	966.75	562.00	506.48	55.52	10.122		
6,100.00	5,953.43	5,922.38	5,921.75	31.61	25.35	75.54	-1,176.78	966.14	554.82	498.28	56.55	9.812		
6,200.00	6,050.74	6,020.11	6,019.47	32.14	25.76	77.91	-1,175.88	965.52	548.67	491.10	57.57	9.530		
6,300.00	6,148.05	6,122.86	6,122.20	32.67	26.20	80.48	-1,174.05	964.84	542.72	484.13	58.60	9.262		
6,400.00	6,245.37	6,221.17	6,220.49	33.20	26.61	83.02	-1,171.73	964.03	537.38	477.77	59.61	9.014		
6,500.00	6,342.68	6,322.54	6,321.80	33.73	27.04	85.73	-1,168.58	963.19	532.49	471.86	60.63	8.783		
6,520.81	6,362.93	6,343.13	6,342.38	33.85	27.13	86.28	-1,167.88	963.09	531.53	470.70	60.83	8.737		
6,550.00	6,391.46	6,372.20	6,371.43	34.00	27.25	88.53	-1,166.90	963.05	529.96	468.84	61.12	8.671		
6,600.00	6,440.79	6,420.81	6,420.02	34.23	27.46	91.17	-1,165.30	963.17	526.04	464.46	61.58	8.543		
6,650.00	6,490.44	6,467.71	6,466.90	34.43	27.66	93.81	-1,164.03	963.42	520.71	458.71	61.99	8.399		
6,700.00	6,540.10	6,514.41	6,513.59	34.60	27.86	96.45	-1,163.08	963.75	513.96	451.59	62.37	8.240		
6,750.00	6,589.46	6,560.30	6,559.47	34.76	28.05	99.10	-1,162.49	964.12	505.88	443.15	62.73	8.065		
6,800.00	6,638.22	6,605.71	6,604.88	34.92	28.24	101.74	-1,162.25	964.51	496.59	433.52	63.07	7.873		
6,850.00	6,686.09	6,650.67	6,649.84	35.07	28.43	104.38	-1,162.27	964.79	486.27	422.86	63.41	7.668		
6,900.00	6,732.75	6,694.63	6,693.80	35.24	28.62	107.02	-1,162.49	964.92	475.18	411.43	63.75	7.454		
6,950.00	6,777.94	6,739.06	6,738.22	35.42	28.81	109.66	-1,162.85	964.92	463.63	399.55	64.08	7.235		
7,000.00	6,821.36	6,782.05	6,781.22	35.61	28.99	112.30	-1,163.22	964.87	451.99	387.59	64.41	7.018		
7,050.00	6,862.75	6,822.70	6,821.86	35.83	29.16	114.94	-1,163.62	964.78	440.90	376.18	64.72	6.812		
7,100.00	6,901.85	6,860.89	6,860.05	36.06	29.32	117.58	-1,164.07	964.64	431.10	366.09	65.01	6.632		
7,150.00	6,938.43	6,896.71	6,895.86	36.32	29.48	120.22	-1,164.57	964.48	423.40	358.14	65.26	6.488		
7,200.00	6,972.26	6,930.80	6,929.95	36.61	29.62	122.86	-1,165.08	964.29	418.60	353.13	65.47	6.394		
7,239.09	6,996.66	6,955.50	6,954.64	36.86	29.73	125.50	-1,165.44	964.16	417.36	351.76	65.60	6.363 CC, ES		
7,250.00	7,003.13	6,962.05	6,961.20	36.93	29.75	126.66	-1,165.54	964.12	417.46	351.84	65.62	6.362 SF		
7,300.00	7,030.85	6,990.16	6,989.30	37.29	29.87	130.00	-1,165.94	963.95	420.70	355.00	65.70	6.404		
7,350.00	7,055.25	7,014.80	7,013.94	37.68	29.98	133.34	-1,166.29	963.81	428.82	363.12	65.71	6.526		
7,400.00	7,076.17	7,035.87	7,035.00	38.12	30.07	136.68	-1,166.59	963.69	442.11	376.45	65.66	6.734		
7,450.00	7,093.50	7,053.32	7,052.46	38.60	30.14	140.02	-1,166.84	963.59	460.50	394.95	65.56	7.025		
7,500.00	7,107.11	7,067.08	7,066.21	39.11	30.20	143.36	-1,167.05	963.52	483.72	418.30	65.42	7.394		
7,550.00	7,116.94	7,077.05	7,076.18	39.66	30.24	146.70	-1,167.19	963.47	511.28	446.00	65.28	7.832		
7,600.00	7,122.91	7,083.18	7,082.31	40.24	30.27	150.04	-1,167.28	963.44	542.56	477.43	65.13	8.331		
7,650.18	7,125.00	7,085.45	7,084.58	40.85	30.28	153.38	-1,167.32	963.43	577.05	512.07	64.98	8.880		
7,700.00	7,125.12	7,085.77	7,084.90	41.48	30.28	156.72	-1,167.32	963.43	613.59	548.74	64.85	9.461		
7,800.00	7,125.36	7,086.41	7,085.54	42.88	30.28	160.06	-1,167.33	963.43	691.97	627.30	64.67	10.700		
7,900.00	7,125.60	7,087.04	7,086.17	44.42	30.29	163.40	-1,167.34	963.43	775.33	710.78	64.55	12.012		
8,000.00	7,125.84	7,087.68	7,086.81	46.10	30.29	166.74	-1,167.35	963.42	862.24	797.76	64.47	13.373		
8,100.00	7,126.08	7,088.31	7,087.44	47.89	30.29	170.08	-1,167.36	963.42	951.72	887.29	64.43	14.771		
8,200.00	7,126.32	7,088.94	7,088.07	49.79	30.29	173.42	-1,167.37	963.42	1,043.11	978.71	64.40	16.196		
8,300.00	7,126.56	7,089.56	7,088.69	51.79	30.30	176.76	-1,167.38	963.41	1,135.96	1,071.57	64.39	17.641		
8,400.00	7,126.80	7,090.19	7,089.32	53.86	30.30	180.10	-1,167.39	963.41	1,229.93	1,165.54	64.39	19.101		
8,500.00	7,127.04	7,090.81	7,089.94	56.00	30.30	183.44	-1,167.40	963.41	1,324.78	1,260.38	64.39	20.573		
8,600.00	7,127.28	7,091.43	7,090.56	58.21	30.30	186.78	-1,167.41	963.41	1,420.33	1,355.93	64.40	22.055		
8,689.38	7,127.49	7,091.98	7,091.11	60.24	30.31	190.12	-1,167.41	963.40	1,506.23	1,441.82	64.41	23.385		
8,700.00	7,127.52	7,092.05	7,091.18	60.48	30.31	191.28	-1,167.41	963.40	1,516.46	1,452.04	64.41	23.543		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	7,092.70	7,091.83	62.79	30.31	-90.47	-1,167.42	963.40	1,612.50	1,548.08	64.42	25.029		
8,841.07	7,127.85	7,092.98	7,092.11	63.74	30.31	-90.48	-1,167.43	963.40	1,651.81	1,587.38	64.43	25.638		
8,900.00	7,128.00	7,093.38	7,092.51	65.12	30.31	-90.53	-1,167.43	963.40	1,708.23	1,643.79	64.44	26.509		
9,000.00	7,128.23	7,094.07	7,093.20	67.50	30.32	-90.61	-1,167.44	963.39	1,804.34	1,739.89	64.46	27.992		
9,100.00	7,128.47	7,094.76	7,093.89	69.91	30.32	-90.69	-1,167.46	963.39	1,900.86	1,836.38	64.48	29.480		
9,200.00	7,128.71	7,095.45	7,094.58	72.35	30.32	-90.77	-1,167.47	963.39	1,997.72	1,933.21	64.50	30.971		
9,300.00	7,128.95	7,096.13	7,095.26	74.83	30.32	-90.85	-1,167.48	963.38	2,094.87	2,030.34	64.53	32.466		
9,400.00	7,129.19	7,096.81	7,095.94	77.33	30.33	-90.93	-1,167.49	963.38	2,192.28	2,127.73	64.55	33.962		
9,500.00	7,129.43	7,097.49	7,096.62	79.86	30.33	-91.01	-1,167.50	963.38	2,289.91	2,225.33	64.58	35.460		
9,600.00	7,129.67	7,098.17	7,097.30	82.41	30.33	-91.09	-1,167.51	963.37	2,387.74	2,323.13	64.60	36.960		
9,700.00	7,129.91	7,098.84	7,097.97	84.97	30.34	-91.17	-1,167.52	963.37	2,485.74	2,421.11	64.63	38.460		
9,800.00	7,130.15	7,099.51	7,098.64	87.56	30.34	-91.25	-1,167.53	963.37	2,583.89	2,519.23	64.66	39.961		
9,900.00	7,130.39	7,100.19	7,099.32	90.16	30.34	-91.33	-1,167.54	963.37	2,682.18	2,617.49	64.69	41.462		
10,000.00	7,130.63	7,100.90	7,100.02	92.78	30.35	-91.41	-1,167.55	963.36	2,780.59	2,715.87	64.72	42.963		
10,100.00	7,130.87	7,101.60	7,100.73	95.41	30.35	-91.50	-1,167.56	963.36	2,879.11	2,814.36	64.75	44.463		
10,200.00	7,131.11	7,102.30	7,101.43	98.06	30.35	-91.58	-1,167.57	963.36	2,977.73	2,912.95	64.78	45.963		
10,300.00	7,131.35	7,103.00	7,102.13	100.71	30.35	-91.66	-1,167.58	963.35	3,076.44	3,011.62	64.82	47.463		
10,400.00	7,131.59	7,103.70	7,102.83	103.38	30.36	-91.74	-1,167.59	963.35	3,175.23	3,110.38	64.85	48.961		
10,500.00	7,131.83	7,104.40	7,103.53	106.06	30.36	-91.83	-1,167.60	963.35	3,274.09	3,209.20	64.89	50.459		
10,600.00	7,132.07	7,105.10	7,104.23	108.74	30.36	-91.91	-1,167.61	963.34	3,373.02	3,308.10	64.92	51.955		
10,700.00	7,132.31	7,105.80	7,104.93	111.44	30.37	-91.99	-1,167.62	963.34	3,472.01	3,407.05	64.96	53.449		
10,800.00	7,132.55	7,106.50	7,105.63	114.14	30.37	-92.07	-1,167.63	963.34	3,571.06	3,506.06	65.00	54.943		
10,900.00	7,132.79	7,107.21	7,106.33	116.85	30.37	-92.16	-1,167.64	963.33	3,670.16	3,605.12	65.03	56.434		
11,000.00	7,133.03	7,107.91	7,107.04	119.57	30.37	-92.24	-1,167.65	963.33	3,769.30	3,704.23	65.07	57.924		
11,100.00	7,133.27	7,108.61	7,107.74	122.29	30.38	-92.32	-1,167.66	963.33	3,868.49	3,803.38	65.11	59.412		
11,200.00	7,133.51	7,109.31	7,108.44	125.02	30.38	-92.41	-1,167.67	963.33	3,967.72	3,902.57	65.15	60.898		
11,300.00	7,133.74	7,110.01	7,109.14	127.76	30.38	-92.49	-1,167.68	963.32	4,066.99	4,001.79	65.20	62.381		
11,400.00	7,133.98	7,110.71	7,109.84	130.50	30.39	-92.57	-1,167.69	963.32	4,166.29	4,101.05	65.24	63.863		
11,500.00	7,134.22	7,111.41	7,110.54	133.24	30.39	-92.65	-1,167.70	963.32	4,265.63	4,200.34	65.28	65.342		
11,600.00	7,134.46	7,112.11	7,111.24	135.99	30.39	-92.74	-1,167.72	963.31	4,364.99	4,299.66	65.33	66.819		
11,700.00	7,134.70	7,112.82	7,111.94	138.75	30.40	-92.82	-1,167.73	963.31	4,464.38	4,399.01	65.37	68.293		
11,800.00	7,134.94	7,113.52	7,112.64	141.51	30.40	-92.90	-1,167.74	963.31	4,563.80	4,498.39	65.42	69.765		
11,900.00	7,135.18	7,114.22	7,113.35	144.27	30.40	-92.98	-1,167.75	963.30	4,663.25	4,597.78	65.46	71.234		
12,000.00	7,135.42	7,114.92	7,114.05	147.03	30.40	-93.07	-1,167.76	963.30	4,762.72	4,697.20	65.51	72.700		
12,100.00	7,135.66	7,115.62	7,114.75	149.80	30.41	-93.15	-1,167.77	963.30	4,862.21	4,796.65	65.56	74.164		
12,200.00	7,135.90	7,116.32	7,115.45	152.58	30.41	-93.23	-1,167.78	963.29	4,961.72	4,896.11	65.61	75.624		
12,300.00	7,136.14	7,117.02	7,116.15	155.35	30.41	-93.31	-1,167.79	963.29	5,061.24	4,995.58	65.66	77.082		
12,400.00	7,136.38	7,117.73	7,116.85	158.13	30.42	-93.40	-1,167.80	963.29	5,160.79	5,095.08	65.71	78.537		
12,500.00	7,136.62	7,118.43	7,117.55	160.91	30.42	-93.48	-1,167.81	963.28	5,260.36	5,194.59	65.76	79.988		
12,600.00	7,136.86	7,119.13	7,118.26	163.70	30.42	-93.56	-1,167.82	963.28	5,359.94	5,294.12	65.82	81.437		
12,700.00	7,137.10	7,119.83	7,118.96	166.48	30.43	-93.64	-1,167.83	963.28	5,459.53	5,393.66	65.87	82.882		
12,800.00	7,137.34	7,120.53	7,119.66	169.27	30.43	-93.73	-1,167.84	963.27	5,559.14	5,493.22	65.93	84.324		
12,900.00	7,137.58	7,121.23	7,120.36	172.06	30.43	-93.81	-1,167.85	963.27	5,658.77	5,592.78	65.98	85.762		
13,000.00	7,137.82	7,121.93	7,121.06	174.86	30.43	-93.89	-1,167.86	963.27	5,758.40	5,692.36	66.04	87.197		
13,100.00	7,138.06	7,122.64	7,121.76	177.65	30.44	-93.97	-1,167.87	963.27	5,858.05	5,791.96	66.10	88.629		
13,200.00	7,138.30	7,123.34	7,122.46	180.45	30.44	-94.06	-1,167.88	963.26	5,957.71	5,891.56	66.15	90.057		
13,300.00	7,138.54	7,124.04	7,123.16	183.25	30.44	-94.14	-1,167.89	963.26	6,057.38	5,991.17	66.21	91.482		
13,400.00	7,138.78	7,124.74	7,123.87	186.05	30.45	-94.22	-1,167.90	963.26	6,157.07	6,090.79	66.27	92.902		
13,500.00	7,139.02	7,125.44	7,124.57	188.85	30.45	-94.30	-1,167.91	963.25	6,256.76	6,190.42	66.34	94.320		
13,600.00	7,139.25	7,126.14	7,125.27	191.65	30.45	-94.39	-1,167.93	963.25	6,356.46	6,290.06	66.40	95.733		
13,700.00	7,139.49	7,126.84	7,125.97	194.46	30.46	-94.47	-1,167.94	963.25	6,456.17	6,389.71	66.46	97.143		
13,800.00	7,139.73	7,127.55	7,126.67	197.27	30.46	-94.55	-1,167.95	963.24	6,555.89	6,489.37	66.52	98.549		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	7,128.25	7,127.37	200.08	30.46	-94.63	-1,167.96	963.24	6,655.62	6,589.03	66.59	99.951		
14,000.00	7,140.21	7,128.95	7,128.08	202.89	30.46	-94.71	-1,167.97	963.24	6,755.36	6,688.70	66.65	101.349		
14,100.00	7,140.45	7,129.65	7,128.78	205.70	30.47	-94.80	-1,167.98	963.23	6,855.10	6,788.38	66.72	102.743		
14,200.00	7,140.69	7,130.35	7,129.48	208.51	30.47	-94.88	-1,167.99	963.23	6,954.85	6,888.06	66.79	104.134		
14,300.00	7,140.93	7,131.05	7,130.18	211.32	30.47	-94.96	-1,168.00	963.23	7,054.61	6,987.75	66.86	105.520		
14,400.00	7,141.17	7,131.76	7,130.88	214.14	30.48	-95.04	-1,168.01	963.22	7,154.37	7,087.45	66.92	106.902		
14,500.00	7,141.41	7,132.46	7,131.58	216.95	30.48	-95.12	-1,168.02	963.22	7,254.15	7,187.15	66.99	108.280		
14,600.00	7,141.65	7,133.16	7,132.28	219.77	30.48	-95.21	-1,168.03	963.22	7,353.92	7,286.86	67.07	109.653		
14,700.00	7,141.89	7,133.86	7,132.99	222.59	30.49	-95.29	-1,168.04	963.22	7,453.71	7,386.57	67.14	111.023		
14,800.00	7,142.13	7,134.56	7,133.69	225.41	30.49	-95.37	-1,168.05	963.21	7,553.50	7,486.29	67.21	112.388		
14,900.00	7,142.37	7,135.26	7,134.39	228.23	30.49	-95.45	-1,168.06	963.21	7,653.29	7,586.01	67.28	113.749		
15,000.00	7,142.61	7,135.97	7,135.09	231.05	30.49	-95.53	-1,168.07	963.21	7,753.09	7,685.73	67.36	115.106		
15,100.00	7,142.85	7,136.67	7,135.79	233.87	30.50	-95.62	-1,168.08	963.20	7,852.89	7,785.46	67.43	116.459		
15,200.00	7,143.09	7,137.37	7,136.49	236.69	30.50	-95.70	-1,168.09	963.20	7,952.70	7,885.20	67.51	117.807		
15,300.00	7,143.33	7,138.07	7,137.20	239.52	30.50	-95.78	-1,168.10	963.20	8,052.52	7,984.93	67.58	119.150		
15,400.00	7,143.57	7,138.77	7,137.90	242.34	30.51	-95.86	-1,168.11	963.19	8,152.34	8,084.68	67.66	120.489		
15,500.00	7,143.81	7,139.48	7,138.60	245.17	30.51	-95.94	-1,168.13	963.19	8,252.16	8,184.42	67.74	121.824		
15,600.00	7,144.05	7,140.18	7,139.30	247.99	30.51	-96.03	-1,168.14	963.19	8,351.99	8,284.17	67.82	123.155		
15,700.00	7,144.29	7,140.88	7,140.00	250.82	30.52	-96.11	-1,168.15	963.18	8,451.82	8,383.92	67.90	124.480		
15,800.00	7,144.53	7,141.58	7,140.71	253.64	30.52	-96.19	-1,168.16	963.18	8,551.65	8,483.67	67.98	125.802		
15,900.00	7,144.76	7,142.28	7,141.41	256.47	30.52	-96.27	-1,168.17	963.18	8,651.49	8,583.43	68.06	127.118		
16,000.00	7,145.00	7,142.98	7,142.11	259.30	30.52	-96.35	-1,168.18	963.17	8,751.33	8,683.19	68.14	128.430		
16,100.00	7,145.24	7,143.69	7,142.81	262.13	30.53	-96.43	-1,168.19	963.17	8,851.18	8,782.96	68.22	129.738		
16,200.00	7,145.48	7,144.39	7,143.51	264.96	30.53	-96.52	-1,168.20	963.17	8,951.03	8,882.72	68.31	131.041		
16,300.00	7,145.72	7,145.09	7,144.21	267.79	30.53	-96.60	-1,168.21	963.17	9,050.88	8,982.49	68.39	132.339		
16,400.00	7,145.96	7,145.79	7,144.92	270.62	30.54	-96.68	-1,168.22	963.16	9,150.74	9,082.26	68.48	133.633		
16,500.00	7,146.20	7,146.49	7,145.62	273.45	30.54	-96.76	-1,168.23	963.16	9,250.60	9,182.03	68.56	134.921		
16,600.00	7,146.44	7,147.20	7,146.32	276.28	30.54	-96.84	-1,168.24	963.16	9,350.46	9,281.81	68.65	136.206		
16,700.00	7,146.68	7,147.90	7,147.02	279.12	30.55	-96.92	-1,168.25	963.15	9,450.32	9,381.58	68.74	137.485		
16,800.00	7,146.92	7,148.60	7,147.72	281.95	30.55	-97.01	-1,168.26	963.15	9,550.19	9,481.36	68.83	138.760		
16,900.00	7,147.16	7,149.30	7,148.43	284.78	30.55	-97.09	-1,168.27	963.15	9,650.06	9,581.15	68.91	140.030		
17,000.00	7,147.40	7,150.00	7,149.13	287.62	30.55	-97.17	-1,168.28	963.14	9,749.93	9,680.93	69.00	141.295		
17,100.00	7,147.64	7,150.71	7,149.83	290.45	30.56	-97.25	-1,168.29	963.14	9,849.81	9,780.71	69.09	142.555		
17,200.00	7,147.88	7,151.41	7,150.53	293.28	30.56	-97.33	-1,168.30	963.14	9,949.69	9,880.50	69.19	143.811		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	78.97	182.53	936.63	954.96					
100.00	100.00	65.28	65.28	3.28	3.28	78.97	182.59	936.54	954.17	947.60	6.57	145.282		
200.00	200.00	167.90	167.90	3.34	3.32	78.95	182.86	936.07	953.78	947.12	6.66	143.296		
300.00	299.98	267.05	267.04	3.44	3.41	-41.16	183.06	935.51	951.94	945.09	6.85	138.950		
400.00	399.84	363.02	363.02	3.60	3.54	-41.43	183.14	935.24	947.76	940.62	7.14	132.770		
500.00	499.45	456.87	456.86	3.80	3.71	-41.84	183.17	935.49	941.50	933.99	7.51	125.368		
600.00	598.70	547.85	547.84	4.04	3.91	-42.38	182.98	936.45	933.42	925.46	7.95	117.371		
700.00	697.47	639.43	639.40	4.33	4.14	-43.07	182.65	938.37	923.82	915.36	8.47	109.134		
800.00	795.62	734.95	734.89	4.65	4.41	-43.95	182.19	940.90	912.33	903.28	9.05	100.827		
865.50	859.53	798.14	798.04	4.89	4.60	-44.64	181.76	942.73	903.68	894.21	9.46	95.487		
900.00	893.10	831.28	831.17	5.02	4.70	-44.95	181.52	943.73	898.91	889.22	9.69	92.762		
1,000.00	990.42	929.25	929.09	5.41	5.01	-45.90	180.80	946.80	885.38	875.00	10.38	85.313		
1,100.00	1,087.73	1,029.75	1,029.54	5.83	5.35	-46.89	179.79	949.70	871.79	860.67	11.11	78.459		
1,200.00	1,185.05	1,125.72	1,125.46	6.27	5.68	-47.85	178.71	952.58	858.51	846.65	11.86	72.373		
1,300.00	1,282.36	1,223.50	1,223.19	6.72	6.03	-48.87	177.82	955.62	845.68	833.03	12.64	66.879		
1,400.00	1,379.67	1,324.47	1,324.12	7.18	6.40	-49.96	176.80	958.51	832.86	819.41	13.46	61.881		
1,500.00	1,476.99	1,422.34	1,421.95	7.65	6.77	-51.07	176.10	961.05	820.20	805.92	14.28	57.428		
1,600.00	1,574.30	1,520.09	1,519.67	8.13	7.14	-52.22	175.55	963.61	807.93	792.81	15.12	53.432		
1,700.00	1,671.61	1,622.98	1,622.53	8.62	7.53	-53.48	175.00	965.97	795.72	779.73	15.99	49.767		
1,800.00	1,768.93	1,729.71	1,729.25	9.11	7.94	-54.86	174.36	967.26	782.87	765.99	16.88	46.381		
1,900.00	1,866.24	1,830.94	1,830.47	9.60	8.33	-56.22	173.54	967.68	769.64	751.88	17.76	43.330		
2,000.00	1,963.56	1,928.35	1,927.88	10.10	8.71	-57.58	172.63	967.89	756.61	737.97	18.64	40.582		
2,100.00	2,060.87	2,024.89	2,024.42	10.61	9.10	-58.98	172.05	968.15	744.22	724.69	19.53	38.102		
2,200.00	2,158.18	2,125.05	2,124.57	11.11	9.49	-60.49	171.29	968.18	732.04	711.60	20.44	35.817		
2,300.00	2,255.50	2,221.01	2,220.53	11.62	9.88	-61.98	170.60	968.18	720.35	699.01	21.34	33.756		
2,400.00	2,352.81	2,317.21	2,316.73	12.13	10.27	-63.52	169.99	968.30	709.35	687.10	22.25	31.882		
2,500.00	2,450.13	2,411.66	2,411.18	12.65	10.65	-65.10	169.80	968.53	699.24	676.08	23.16	30.192		
2,600.00	2,547.44	2,508.50	2,508.02	13.16	11.04	-66.78	169.89	968.86	689.97	665.89	24.08	28.650		
2,700.00	2,644.75	2,607.51	2,607.03	13.68	11.44	-68.54	169.96	969.09	681.26	656.24	25.02	27.233		
2,800.00	2,742.07	2,707.73	2,707.24	14.20	11.85	-70.37	169.83	969.06	672.87	646.92	25.96	25.925		
2,900.00	2,839.38	2,807.03	2,806.54	14.71	12.26	-72.24	169.56	968.68	664.84	637.95	26.89	24.721		
3,000.00	2,936.70	2,908.35	2,907.86	15.23	12.68	-74.16	168.77	968.13	657.06	629.23	27.84	23.602		
3,100.00	3,034.01	3,007.90	3,007.40	15.76	13.09	-76.06	167.38	967.54	649.55	620.77	28.78	22.568		
3,200.00	3,131.32	3,098.22	3,097.71	16.28	13.46	-77.83	166.51	967.14	643.18	613.48	29.70	21.655		
3,300.00	3,228.64	3,196.69	3,196.18	16.80	13.87	-79.80	165.91	966.91	637.97	607.33	30.64	20.820		
3,400.00	3,325.95	3,291.08	3,290.57	17.32	14.27	-81.70	165.26	966.97	633.67	602.10	31.57	20.072		
3,500.00	3,423.26	3,386.10	3,385.58	17.85	14.66	-83.59	164.70	967.59	630.57	598.08	32.50	19.404		
3,600.00	3,520.58	3,479.15	3,478.62	18.37	15.05	-85.41	164.20	968.97	628.75	595.33	33.41	18.817		
3,700.00	3,617.89	3,582.77	3,582.21	18.90	15.48	-87.37	163.30	971.22	627.74	593.38	34.37	18.266		
3,800.00	3,715.21	3,685.67	3,685.08	19.43	15.91	-89.32	161.42	972.85	626.33	591.01	35.32	17.735		
3,900.00	3,812.52	3,779.26	3,778.66	19.95	16.31	-91.19	160.11	973.45	625.52	589.30	36.22	17.268		
3,901.56	3,814.04	3,780.70	3,780.10	19.96	16.31	-91.22	160.10	973.46	625.52	589.28	36.24	17.261 CC		
4,000.00	3,909.83	3,874.63	3,874.03	20.48	16.71	-93.13	159.53	973.95	626.11	588.97	37.13	16.860 ES		
4,100.00	4,007.15	3,969.32	3,968.72	21.01	17.10	-95.11	159.46	974.07	627.80	589.76	38.03	16.506		
4,200.00	4,104.46	4,068.39	4,067.79	21.53	17.52	-97.15	159.55	974.39	630.53	591.59	38.95	16.189		
4,300.00	4,201.78	4,167.74	4,167.14	22.06	17.94	-99.20	159.29	974.34	633.63	593.77	39.86	15.897		
4,400.00	4,299.09	4,268.31	4,267.70	22.59	18.36	-101.27	158.80	974.00	637.24	596.47	40.77	15.631		
4,500.00	4,396.40	4,368.02	4,367.40	23.12	18.78	-103.31	157.84	973.37	641.13	599.46	41.67	15.386		
4,600.00	4,493.72	4,473.88	4,473.25	23.65	19.22	-105.44	156.13	972.60	645.22	602.62	42.59	15.148		
4,700.00	4,591.03	4,584.92	4,584.22	24.18	19.69	-107.65	152.37	971.23	648.27	604.75	43.53	14.894		
4,800.00	4,688.34	4,693.27	4,692.40	24.71	20.15	-109.79	146.64	969.45	650.19	605.76	44.43	14.633		
4,900.00	4,785.66	4,791.07	4,790.00	25.24	20.57	-111.67	140.53	968.16	652.02	606.71	45.31	14.390		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,882.97	4,886.51	4,885.26	25.77	20.98	-113.45	134.67	967.47	654.74	608.57	46.18	14.179		
5,100.00	4,980.29	4,980.51	4,979.10	26.30	21.38	-115.18	129.32	966.80	658.58	611.55	47.03	14.003		
5,200.00	5,077.60	5,069.90	5,068.38	26.83	21.76	-116.84	125.01	965.91	663.94	616.08	47.86	13.873		
5,300.00	5,174.91	5,160.15	5,158.57	27.36	22.14	-118.48	121.81	965.08	671.21	622.54	48.67	13.790		
5,400.00	5,272.23	5,249.31	5,247.70	27.89	22.52	-120.09	119.56	964.09	680.15	630.68	49.47	13.750		
5,500.00	5,369.54	5,339.46	5,337.83	28.42	22.90	-121.69	118.47	962.89	691.01	640.75	50.25	13.750		
5,600.00	5,466.86	5,431.23	5,429.58	28.95	23.28	-123.29	117.97	961.40	703.15	652.11	51.04	13.776		
5,700.00	5,564.17	5,519.45	5,517.78	29.48	23.65	-124.79	118.44	959.65	716.98	665.20	51.79	13.845		
5,800.00	5,661.48	5,610.41	5,608.72	30.01	24.04	-126.30	119.90	957.70	732.45	679.90	52.55	13.939		
5,900.00	5,758.80	5,716.94	5,715.21	30.54	24.48	-127.97	121.28	955.69	748.15	694.69	53.46	13.994		
6,000.00	5,856.11	5,825.35	5,823.60	31.07	24.94	-129.60	121.01	953.81	762.85	708.46	54.39	14.025		
6,100.00	5,953.43	5,926.32	5,924.57	31.61	25.37	-131.03	119.92	952.71	777.12	721.87	55.25	14.065		
6,200.00	6,050.74	6,023.76	6,022.00	32.14	25.78	-132.35	118.62	951.81	791.56	735.47	56.09	14.113		
6,300.00	6,148.05	6,118.18	6,116.40	32.67	26.18	-133.57	117.65	951.10	806.65	749.76	56.89	14.178		
6,400.00	6,245.37	6,215.52	6,213.74	33.20	26.59	-134.78	116.82	950.42	822.27	764.55	57.73	14.244		
6,500.00	6,342.68	6,313.68	6,311.89	33.73	27.01	-135.96	115.85	949.60	838.16	779.59	58.57	14.311		
6,520.81	6,362.93	6,333.68	6,331.89	33.85	27.10	-136.20	115.64	949.42	841.50	782.77	58.74	14.326		
6,550.00	6,391.46	6,361.87	6,360.07	34.00	27.22	-143.20	115.37	949.18	846.02	787.04	58.98	14.345		
6,600.00	6,440.79	6,410.92	6,409.12	34.23	27.42	-163.00	114.92	948.79	852.82	793.43	59.39	14.360		
6,650.00	6,490.44	6,461.40	6,459.60	34.43	27.64	161.31	114.45	948.43	858.30	798.50	59.80	14.352		
6,700.00	6,540.10	6,511.51	6,509.70	34.60	27.85	125.03	113.96	948.12	862.41	802.19	60.21	14.322		
6,750.00	6,589.46	6,560.01	6,558.20	34.76	28.06	105.37	113.52	947.86	865.21	804.59	60.62	14.273		
6,800.00	6,638.22	6,608.14	6,606.33	34.92	28.26	95.84	113.13	947.61	866.82	805.78	61.04	14.201		
6,850.00	6,686.09	6,656.50	6,654.69	35.07	28.47	90.98	112.74	947.32	867.29	805.81	61.48	14.107		
6,900.00	6,732.75	6,703.74	6,701.93	35.24	28.67	88.52	112.31	946.95	866.78	804.84	61.94	13.994		
6,950.00	6,777.94	6,748.02	6,746.20	35.42	28.86	87.42	111.91	946.52	865.54	803.13	62.41	13.869		
7,000.00	6,821.36	6,790.80	6,788.97	35.61	29.04	87.20	111.56	946.02	863.84	800.94	62.90	13.733		
7,050.00	6,862.75	6,832.51	6,830.68	35.83	29.21	87.59	111.23	945.47	861.95	798.52	63.43	13.588		
7,100.00	6,901.85	6,872.27	6,870.44	36.06	29.38	88.37	110.90	944.89	860.15	796.15	64.00	13.440		
7,150.00	6,938.43	6,909.63	6,907.79	36.32	29.54	89.39	110.58	944.30	858.76	794.17	64.60	13.294		
7,200.00	6,972.26	6,943.09	6,941.24	36.61	29.68	90.45	110.31	943.80	858.17	792.95	65.22	13.158		
7,203.32	6,974.40	6,945.22	6,943.38	36.63	29.69	90.52	110.29	943.77	858.17	792.90	65.27	13.149		
7,250.00	7,003.13	6,973.82	6,971.97	36.93	29.81	91.51	110.09	943.39	858.72	792.84	65.88	13.035		
7,300.00	7,030.85	7,001.44	6,999.59	37.29	29.93	92.45	109.91	943.06	860.74	794.18	66.56	12.931		
7,350.00	7,055.25	7,026.59	7,024.74	37.68	30.04	93.25	109.75	942.79	864.51	797.23	67.27	12.851		
7,400.00	7,076.17	7,048.13	7,046.27	38.12	30.13	93.77	109.60	942.59	870.25	802.27	67.98	12.801		
7,450.00	7,093.50	7,065.94	7,064.08	38.60	30.21	93.96	109.48	942.44	878.16	809.48	68.68	12.786 SF		
7,500.00	7,107.11	7,079.94	7,078.09	39.11	30.27	93.77	109.37	942.34	888.36	819.00	69.35	12.809		
7,550.00	7,116.94	7,090.08	7,088.22	39.66	30.31	93.17	109.30	942.28	900.88	830.89	69.98	12.873		
7,600.00	7,122.91	7,096.32	7,094.47	40.24	30.34	92.12	109.25	942.24	915.67	845.12	70.55	12.979		
7,650.18	7,125.00	7,098.67	7,096.81	40.85	30.35	90.63	109.23	942.23	932.70	861.64	71.06	13.126		
7,700.00	7,125.12	7,099.05	7,097.19	41.48	30.35	90.66	109.23	942.22	951.75	880.25	71.50	13.311		
7,800.00	7,125.36	7,099.81	7,097.95	42.88	30.35	90.71	109.22	942.22	996.45	924.16	72.28	13.785		
7,900.00	7,125.60	7,100.57	7,098.72	44.42	30.35	90.76	109.22	942.22	1,048.79	975.88	72.91	14.384		
8,000.00	7,125.84	7,101.34	7,099.48	46.10	30.36	90.81	109.21	942.21	1,107.72	1,034.31	73.40	15.091		
8,100.00	7,126.08	7,102.11	7,100.25	47.89	30.36	90.86	109.20	942.21	1,172.22	1,098.45	73.77	15.890		
8,200.00	7,126.32	7,102.87	7,101.01	49.79	30.36	90.91	109.20	942.20	1,241.43	1,167.39	74.04	16.767		
8,300.00	7,126.56	7,103.64	7,101.78	51.79	30.37	90.96	109.19	942.20	1,314.62	1,240.38	74.24	17.709		
8,400.00	7,126.80	7,104.40	7,102.55	53.86	30.37	91.01	109.19	942.19	1,391.14	1,316.78	74.37	18.706		
8,500.00	7,127.04	7,105.17	7,103.31	56.00	30.37	91.06	109.18	942.19	1,470.49	1,396.04	74.45	19.750		
8,600.00	7,127.28	7,105.93	7,104.08	58.21	30.38	91.11	109.17	942.19	1,552.22	1,477.72	74.51	20.833		
8,689.38	7,127.49	7,106.62	7,104.76	60.24	30.38	91.16	109.17	942.18	1,627.01	1,552.48	74.53	21.830		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,127.52	7,106.70	7,104.84	60.48	30.38	91.17	109.17	942.18	1,636.00	1,561.47	74.53	21.950		
8,800.00	7,127.76	7,107.48	7,105.63	62.79	30.38	91.30	109.16	942.18	1,722.54	1,648.00	74.54	23.109		
8,841.07	7,127.85	7,107.81	7,105.96	63.74	30.38	91.36	109.16	942.18	1,758.97	1,684.44	74.54	23.599		
8,900.00	7,128.00	7,108.29	7,106.43	65.12	30.39	91.40	109.15	942.17	1,811.78	1,737.25	74.53	24.309		
9,000.00	7,128.23	7,109.10	7,107.24	67.50	30.39	91.46	109.15	942.17	1,902.21	1,827.70	74.51	25.529		
9,100.00	7,128.47	7,109.90	7,108.05	69.91	30.39	91.52	109.14	942.16	1,993.56	1,919.07	74.49	26.763		
9,200.00	7,128.71	7,110.71	7,108.85	72.35	30.40	91.57	109.14	942.16	2,085.70	2,011.23	74.47	28.009		
9,300.00	7,128.95	7,111.52	7,109.66	74.83	30.40	91.63	109.13	942.15	2,178.53	2,104.09	74.44	29.266		
9,400.00	7,129.19	7,112.33	7,110.47	77.33	30.40	91.69	109.12	942.15	2,271.97	2,197.56	74.41	30.532		
9,500.00	7,129.43	7,113.13	7,111.28	79.86	30.41	91.75	109.12	942.15	2,365.95	2,291.56	74.39	31.807		
9,600.00	7,129.67	7,113.94	7,112.08	82.41	30.41	91.81	109.11	942.14	2,460.40	2,386.04	74.36	33.088		
9,700.00	7,129.91	7,114.75	7,112.89	84.97	30.41	91.87	109.10	942.14	2,555.27	2,480.94	74.34	34.375		
9,800.00	7,130.15	7,115.55	7,113.70	87.56	30.42	91.92	109.10	942.13	2,650.52	2,576.21	74.31	35.667		
9,900.00	7,130.39	7,116.36	7,114.50	90.16	30.42	91.98	109.09	942.13	2,746.11	2,671.82	74.29	36.964		
10,000.00	7,130.63	7,117.17	7,115.31	92.78	30.42	92.04	109.08	942.12	2,842.00	2,767.73	74.27	38.265		
10,100.00	7,130.87	7,117.98	7,116.12	95.41	30.43	92.10	109.08	942.12	2,938.17	2,863.91	74.25	39.569		
10,200.00	7,131.11	7,118.78	7,116.93	98.06	30.43	92.16	109.07	942.11	3,034.58	2,960.34	74.24	40.877		
10,300.00	7,131.35	7,119.59	7,117.73	100.71	30.43	92.22	109.07	942.11	3,131.22	3,056.99	74.22	42.186		
10,400.00	7,131.59	7,120.40	7,118.54	103.38	30.44	92.27	109.06	942.11	3,228.06	3,153.85	74.21	43.498		
10,500.00	7,131.83	7,121.21	7,119.35	106.06	30.44	92.33	109.05	942.10	3,325.09	3,250.88	74.20	44.811		
10,600.00	7,132.07	7,122.01	7,120.15	108.74	30.44	92.39	109.05	942.10	3,422.29	3,348.09	74.19	46.126		
10,700.00	7,132.31	7,122.82	7,120.96	111.44	30.45	92.45	109.04	942.09	3,519.64	3,445.45	74.19	47.442		
10,800.00	7,132.55	7,123.63	7,121.77	114.14	30.45	92.51	109.03	942.09	3,617.14	3,542.96	74.19	48.758		
10,900.00	7,132.79	7,124.43	7,122.58	116.85	30.46	92.57	109.03	942.08	3,714.78	3,640.59	74.18	50.076		
11,000.00	7,133.03	7,125.24	7,123.38	119.57	30.46	92.62	109.02	942.08	3,812.53	3,738.35	74.18	51.393		
11,100.00	7,133.27	7,126.05	7,124.19	122.29	30.46	92.68	109.02	942.07	3,910.40	3,836.22	74.19	52.711		
11,200.00	7,133.51	7,126.85	7,125.00	125.02	30.47	92.74	109.01	942.07	4,008.38	3,934.19	74.19	54.030		
11,300.00	7,133.74	7,127.66	7,125.80	127.76	30.47	92.80	109.00	942.06	4,106.45	4,032.25	74.19	55.348		
11,400.00	7,133.98	7,128.47	7,126.61	130.50	30.47	92.86	109.00	942.06	4,204.61	4,130.41	74.20	56.665		
11,500.00	7,134.22	7,129.28	7,127.42	133.24	30.48	92.91	108.99	942.06	4,302.86	4,228.65	74.21	57.982		
11,600.00	7,134.46	7,130.08	7,128.22	135.99	30.48	92.97	108.98	942.05	4,401.18	4,326.96	74.22	59.299		
11,700.00	7,134.70	7,130.89	7,129.03	138.75	30.48	93.03	108.98	942.05	4,499.58	4,425.35	74.23	60.615		
11,800.00	7,134.94	7,131.70	7,129.84	141.51	30.49	93.09	108.97	942.04	4,598.05	4,523.80	74.25	61.930		
11,900.00	7,135.18	7,132.50	7,130.65	144.27	30.49	93.15	108.96	942.04	4,696.58	4,622.32	74.26	63.245		
12,000.00	7,135.42	7,133.31	7,131.45	147.03	30.49	93.21	108.96	942.03	4,795.18	4,720.90	74.28	64.558		
12,100.00	7,135.66	7,134.12	7,132.26	149.80	30.50	93.26	108.95	942.03	4,893.83	4,819.53	74.30	65.870		
12,200.00	7,135.90	7,134.92	7,133.07	152.58	30.50	93.32	108.95	942.02	4,992.53	4,918.22	74.31	67.181		
12,300.00	7,136.14	7,135.73	7,133.87	155.35	30.50	93.38	108.94	942.02	5,091.28	5,016.95	74.34	68.491		
12,400.00	7,136.38	7,136.54	7,134.68	158.13	30.51	93.44	108.93	942.01	5,190.09	5,115.73	74.36	69.799		
12,500.00	7,136.62	7,137.34	7,135.49	160.91	30.51	93.50	108.93	942.01	5,288.93	5,214.55	74.38	71.106		
12,600.00	7,136.86	7,138.15	7,136.29	163.70	30.51	93.56	108.92	942.01	5,387.82	5,313.42	74.41	72.411		
12,700.00	7,137.10	7,138.96	7,137.10	166.48	30.52	93.61	108.91	942.00	5,486.75	5,412.32	74.43	73.714		
12,800.00	7,137.34	7,139.77	7,137.91	169.27	30.52	93.67	108.91	942.00	5,585.72	5,511.26	74.46	75.016		
12,900.00	7,137.58	7,140.57	7,138.71	172.06	30.52	93.73	108.90	941.99	5,684.72	5,610.23	74.49	76.316		
13,000.00	7,137.82	7,141.38	7,139.52	174.86	30.53	93.79	108.89	941.99	5,783.76	5,709.24	74.52	77.614		
13,100.00	7,138.06	7,142.19	7,140.33	177.65	30.53	93.85	108.89	941.98	5,882.83	5,808.28	74.55	78.910		
13,200.00	7,138.30	7,142.99	7,141.13	180.45	30.53	93.90	108.88	941.98	5,981.93	5,907.35	74.58	80.204		
13,300.00	7,138.54	7,143.80	7,141.94	183.25	30.54	93.96	108.88	941.97	6,081.06	6,006.44	74.62	81.497		
13,400.00	7,138.78	7,144.61	7,142.75	186.05	30.54	94.02	108.87	941.97	6,180.22	6,105.57	74.65	82.787		
13,500.00	7,139.02	7,145.41	7,143.55	188.85	30.54	94.08	108.86	941.96	6,279.40	6,204.72	74.69	84.075		
13,600.00	7,139.25	7,146.22	7,144.36	191.65	30.55	94.14	108.86	941.96	6,378.61	6,303.89	74.73	85.360		
13,700.00	7,139.49	7,147.03	7,145.17	194.46	30.55	94.19	108.85	941.96	6,477.85	6,403.08	74.76	86.644		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,139.73	7,147.83	7,145.97	197.27	30.55	94.25	108.84	941.95	6,577.11	6,502.30	74.80	87.925		
13,900.00	7,139.97	7,148.64	7,146.78	200.08	30.56	94.31	108.84	941.95	6,676.39	6,601.54	74.84	89.203		
14,000.00	7,140.21	7,149.45	7,147.59	202.89	30.56	94.37	108.83	941.94	6,775.69	6,700.80	74.89	90.480		
14,100.00	7,140.45	7,150.25	7,148.39	205.70	30.56	94.43	108.83	941.94	6,875.01	6,800.08	74.93	91.754		
14,200.00	7,140.69	7,151.06	7,149.20	208.51	30.57	94.48	108.82	941.93	6,974.35	6,899.37	74.97	93.025		
14,300.00	7,140.93	7,151.86	7,150.01	211.32	30.57	94.54	108.81	941.93	7,073.71	6,998.69	75.02	94.294		
14,400.00	7,141.17	7,152.67	7,150.81	214.14	30.58	94.60	108.81	941.92	7,173.08	7,098.02	75.06	95.560		
14,500.00	7,141.41	7,153.48	7,151.62	216.95	30.58	94.66	108.80	941.92	7,272.48	7,197.36	75.11	96.823		
14,600.00	7,141.65	7,154.28	7,152.43	219.77	30.58	94.72	108.79	941.92	7,371.89	7,296.73	75.16	98.084		
14,700.00	7,141.89	7,155.09	7,153.23	222.59	30.59	94.77	108.79	941.91	7,471.31	7,396.10	75.21	99.342		
14,800.00	7,142.13	7,155.90	7,154.04	225.41	30.59	94.83	108.78	941.91	7,570.75	7,495.49	75.26	100.598		
14,900.00	7,142.37	7,156.70	7,154.84	228.23	30.59	94.89	108.77	941.90	7,670.21	7,594.90	75.31	101.850		
15,000.00	7,142.61	7,157.51	7,155.65	231.05	30.60	94.95	108.77	941.90	7,769.67	7,694.31	75.36	103.100		
15,100.00	7,142.85	7,158.32	7,156.46	233.87	30.60	95.01	108.76	941.89	7,869.16	7,793.74	75.41	104.347		
15,200.00	7,143.09	7,159.12	7,157.26	236.69	30.60	95.06	108.76	941.89	7,968.65	7,893.18	75.47	105.591		
15,300.00	7,143.33	7,159.93	7,158.07	239.52	30.61	95.12	108.75	941.88	8,068.16	7,992.64	75.52	106.832		
15,400.00	7,143.57	7,160.74	7,158.88	242.34	30.61	95.18	108.74	941.88	8,167.68	8,092.10	75.58	108.070		
15,500.00	7,143.81	7,161.54	7,159.68	245.17	30.61	95.24	108.74	941.87	8,267.21	8,191.57	75.63	109.305		
15,600.00	7,144.05	7,162.35	7,160.49	247.99	30.62	95.30	108.73	941.87	8,366.75	8,291.06	75.69	110.537		
15,700.00	7,144.29	7,163.15	7,161.29	250.82	30.62	95.35	108.72	941.87	8,466.30	8,390.55	75.75	111.765		
15,800.00	7,144.53	7,163.96	7,162.10	253.64	30.62	95.41	108.72	941.86	8,565.87	8,490.06	75.81	112.991		
15,900.00	7,144.76	7,164.77	7,162.91	256.47	30.63	95.47	108.71	941.86	8,665.44	8,589.57	75.87	114.214		
16,000.00	7,145.00	7,165.57	7,163.71	259.30	30.63	95.53	108.70	941.85	8,765.02	8,689.09	75.93	115.433		
16,100.00	7,145.24	7,166.38	7,164.52	262.13	30.63	95.59	108.70	941.85	8,864.61	8,788.62	75.99	116.650		
16,200.00	7,145.48	7,167.19	7,165.33	264.96	30.64	95.64	108.69	941.84	8,964.22	8,888.16	76.06	117.863		
16,300.00	7,145.72	7,167.99	7,166.13	267.79	30.64	95.70	108.69	941.84	9,063.83	8,987.71	76.12	119.073		
16,400.00	7,145.96	7,168.80	7,166.94	270.62	30.64	95.76	108.68	941.83	9,163.44	9,087.26	76.18	120.279		
16,500.00	7,146.20	7,169.60	7,167.74	273.45	30.65	95.82	108.67	941.83	9,263.07	9,186.82	76.25	121.483		
16,600.00	7,146.44	7,170.41	7,168.55	276.28	30.65	95.87	108.67	941.82	9,362.70	9,286.39	76.32	122.683		
16,700.00	7,146.68	7,171.22	7,169.36	279.12	30.65	95.93	108.66	941.82	9,462.35	9,385.96	76.38	123.879		
16,800.00	7,146.92	7,172.02	7,170.16	281.95	30.66	95.99	108.65	941.82	9,562.00	9,485.54	76.45	125.073		
16,900.00	7,147.16	7,172.83	7,170.97	284.78	30.66	96.05	108.65	941.81	9,661.65	9,585.13	76.52	126.263		
17,000.00	7,147.40	7,173.63	7,171.77	287.62	30.66	96.11	108.64	941.81	9,761.32	9,684.73	76.59	127.449		
17,100.00	7,147.64	7,174.44	7,172.58	290.45	30.67	96.16	108.64	941.80	9,860.99	9,784.33	76.66	128.632		
17,200.00	7,147.88	7,175.25	7,173.39	293.28	30.67	96.22	108.63	941.80	9,960.66	9,883.93	76.73	129.812		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	103.64	-385.38	1,587.96	1,634.74					
100.00	100.00	58.89	58.89	3.28	3.28	103.64	-385.29	1,587.88	1,633.96	1,627.40	6.57	248.807		
200.00	200.00	155.30	155.30	3.34	3.31	103.63	-384.88	1,587.56	1,633.55	1,626.90	6.65	245.722		
300.00	299.98	251.04	251.03	3.44	3.39	-16.40	-384.73	1,587.71	1,631.99	1,625.15	6.83	238.865		
400.00	399.84	353.39	353.39	3.60	3.53	-16.48	-384.79	1,587.72	1,626.99	1,619.86	7.12	228.411		
500.00	499.45	444.43	444.43	3.80	3.69	-16.62	-384.67	1,587.82	1,618.72	1,611.24	7.49	216.224		
600.00	598.70	527.79	527.78	4.04	3.87	-16.81	-384.07	1,588.83	1,608.05	1,600.14	7.91	203.353		
700.00	697.47	612.68	612.65	4.33	4.07	-17.06	-383.52	1,590.64	1,594.98	1,586.58	8.39	189.998		
800.00	795.62	696.73	696.66	4.65	4.30	-17.37	-383.05	1,593.19	1,579.52	1,570.58	8.93	176.803		
865.50	859.53	756.13	756.02	4.89	4.48	-17.61	-382.70	1,595.38	1,568.03	1,558.70	9.33	168.126		
900.00	893.10	787.52	787.38	5.02	4.57	-17.71	-382.51	1,596.60	1,561.69	1,552.15	9.54	163.694		
1,000.00	990.42	884.67	884.45	5.41	4.88	-18.02	-381.86	1,600.54	1,543.47	1,533.27	10.20	151.382		
1,100.00	1,087.73	979.65	979.34	5.83	5.20	-18.34	-381.09	1,604.50	1,525.38	1,514.50	10.88	140.186		
1,200.00	1,185.05	1,067.63	1,067.23	6.27	5.51	-18.64	-380.60	1,608.48	1,507.73	1,496.16	11.57	130.280		
1,300.00	1,282.36	1,160.35	1,159.83	6.72	5.84	-18.93	-380.89	1,613.11	1,490.75	1,478.45	12.30	121.171		
1,400.00	1,379.67	1,253.17	1,252.52	7.18	6.19	-19.23	-381.06	1,618.00	1,474.05	1,461.00	13.05	112.923		
1,500.00	1,476.99	1,343.23	1,342.43	7.65	6.53	-19.55	-380.98	1,623.25	1,457.91	1,444.09	13.81	105.543		
1,600.00	1,574.30	1,430.95	1,429.96	8.13	6.87	-19.88	-380.46	1,628.99	1,442.41	1,427.83	14.58	98.926		
1,700.00	1,671.61	1,516.98	1,515.75	8.62	7.22	-20.22	-380.01	1,635.40	1,427.86	1,412.50	15.36	92.989		
1,800.00	1,768.93	1,610.67	1,609.13	9.11	7.61	-20.62	-378.98	1,642.99	1,413.92	1,397.75	16.17	87.452		
1,900.00	1,866.24	1,705.10	1,703.22	9.60	8.01	-21.03	-377.99	1,650.94	1,400.38	1,383.39	16.99	82.407		
2,000.00	1,963.56	1,806.59	1,804.35	10.10	8.43	-21.45	-377.87	1,659.37	1,386.95	1,369.10	17.85	77.700		
2,100.00	2,060.87	1,909.99	1,907.43	10.61	8.86	-21.85	-378.14	1,667.65	1,373.34	1,354.62	18.72	73.360		
2,200.00	2,158.18	2,021.70	2,018.84	11.11	9.33	-22.31	-378.32	1,675.74	1,359.02	1,339.40	19.63	69.249		
2,300.00	2,255.50	2,122.24	2,119.14	11.62	9.74	-22.74	-378.00	1,682.62	1,344.33	1,323.84	20.50	65.584		
2,400.00	2,352.81	2,225.85	2,222.53	12.13	10.17	-23.20	-377.64	1,689.42	1,329.43	1,308.05	21.39	62.165		
2,500.00	2,450.13	2,331.64	2,328.13	12.65	10.60	-23.65	-377.67	1,695.83	1,314.18	1,291.89	22.28	58.974		
2,600.00	2,547.44	2,438.00	2,434.33	13.16	11.03	-24.11	-378.06	1,701.49	1,298.29	1,275.10	23.19	55.994		
2,700.00	2,644.75	2,535.59	2,531.79	13.68	11.43	-24.53	-378.34	1,706.41	1,282.19	1,258.13	24.07	53.279		
2,800.00	2,742.07	2,626.86	2,622.93	14.20	11.81	-24.94	-378.60	1,711.32	1,266.51	1,241.58	24.93	50.801		
2,900.00	2,839.38	2,717.20	2,713.11	14.71	12.18	-25.35	-379.01	1,716.79	1,251.57	1,225.77	25.80	48.517		
3,000.00	2,936.70	2,814.71	2,810.42	15.23	12.59	-25.81	-379.53	1,722.95	1,236.97	1,210.28	26.69	46.349		
3,100.00	3,034.01	2,907.25	2,902.75	15.76	12.98	-26.24	-380.21	1,729.08	1,222.77	1,195.20	27.57	44.355		
3,200.00	3,131.32	3,003.35	2,998.62	16.28	13.39	-26.68	-381.10	1,735.76	1,208.98	1,180.52	28.46	42.477		
3,300.00	3,228.64	3,103.08	3,098.11	16.80	13.81	-27.19	-381.32	1,742.78	1,195.32	1,165.95	29.37	40.696		
3,400.00	3,325.95	3,198.08	3,192.86	17.32	14.21	-27.71	-381.22	1,749.58	1,181.86	1,151.59	30.27	39.044		
3,500.00	3,423.26	3,299.69	3,294.20	17.85	14.65	-28.24	-381.70	1,756.84	1,168.51	1,137.32	31.19	37.463		
3,600.00	3,520.58	3,406.06	3,400.33	18.37	15.10	-28.79	-382.48	1,763.93	1,154.79	1,122.66	32.13	35.945		
3,700.00	3,617.89	3,499.96	3,494.03	18.90	15.49	-29.28	-383.46	1,770.08	1,141.05	1,108.02	33.03	34.547		
3,800.00	3,715.21	3,588.48	3,582.31	19.43	15.87	-29.72	-385.03	1,776.41	1,128.01	1,094.09	33.92	33.257		
3,900.00	3,812.52	3,676.64	3,670.15	19.95	16.25	-30.12	-387.46	1,783.52	1,115.96	1,081.15	34.81	32.061		
4,000.00	3,909.83	3,775.06	3,768.11	20.48	16.68	-30.50	-391.50	1,792.08	1,104.59	1,068.86	35.73	30.914		
4,100.00	4,007.15	3,873.20	3,865.76	21.01	17.11	-30.84	-396.51	1,800.52	1,093.17	1,056.51	36.66	29.822		
4,200.00	4,104.46	3,974.77	3,966.84	21.53	17.56	-31.23	-401.28	1,809.28	1,081.83	1,044.23	37.60	28.775		
4,300.00	4,201.78	4,076.55	4,068.18	22.06	18.00	-31.65	-405.55	1,817.74	1,070.22	1,031.69	38.54	27.772		
4,400.00	4,299.09	4,180.66	4,171.87	22.59	18.45	-32.11	-409.50	1,826.04	1,058.36	1,018.88	39.48	26.804		
4,500.00	4,396.40	4,277.17	4,268.04	23.12	18.87	-32.56	-412.98	1,833.51	1,046.33	1,005.92	40.41	25.891		
4,600.00	4,493.72	4,385.56	4,376.06	23.65	19.34	-33.11	-416.15	1,841.74	1,034.27	992.89	41.38	24.997		
4,700.00	4,591.03	4,502.01	4,492.25	24.18	19.83	-33.74	-419.37	1,848.88	1,020.84	978.49	42.35	24.106		
4,800.00	4,688.34	4,616.71	4,606.81	24.71	20.31	-34.44	-421.74	1,853.92	1,005.84	962.53	43.30	23.227		
4,900.00	4,785.66	4,719.96	4,709.98	25.24	20.74	-35.11	-423.47	1,857.46	990.04	945.79	44.25	22.376		
5,000.00	4,882.97	4,827.73	4,817.72	25.77	21.18	-35.88	-424.77	1,860.08	973.42	928.24	45.19	21.542		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	4,929.45	4,919.42	26.30	21.60	-36.65	-425.56	1,861.83	956.31	910.18	46.13	20.731		
5,200.00	5,077.60	5,030.05	5,020.01	26.83	22.02	-37.47	-426.02	1,863.22	939.07	891.99	47.07	19.948		
5,300.00	5,174.91	5,130.27	5,120.22	27.36	22.43	-38.33	-426.35	1,864.17	921.62	873.59	48.02	19.191		
5,400.00	5,272.23	5,226.74	5,216.68	27.89	22.83	-39.15	-427.26	1,865.20	904.39	855.41	48.98	18.466		
5,500.00	5,369.54	5,325.34	5,315.26	28.42	23.24	-39.94	-429.41	1,866.41	887.31	837.39	49.93	17.773		
5,600.00	5,466.86	5,422.56	5,412.44	28.95	23.64	-40.74	-431.63	1,867.58	870.37	819.49	50.88	17.106		
5,700.00	5,564.17	5,518.52	5,508.38	29.48	24.04	-41.61	-433.13	1,868.81	853.81	801.97	51.84	16.469		
5,800.00	5,661.48	5,616.60	5,606.45	30.01	24.45	-42.56	-434.20	1,869.96	837.45	784.64	52.81	15.858		
5,900.00	5,758.80	5,709.09	5,698.92	30.54	24.83	-43.51	-434.91	1,871.33	821.69	767.90	53.79	15.276		
6,000.00	5,856.11	5,806.36	5,796.18	31.07	25.24	-44.55	-435.47	1,873.07	806.53	751.76	54.77	14.726		
6,100.00	5,953.43	5,903.38	5,893.18	31.61	25.66	-45.69	-436.09	1,874.63	791.39	735.65	55.75	14.196		
6,200.00	6,050.74	6,011.81	6,001.61	32.14	26.09	-46.92	-436.53	1,875.46	775.92	719.19	56.72	13.679		
6,300.00	6,148.05	6,105.60	6,095.40	32.67	26.49	-48.10	-436.64	1,876.10	760.75	703.02	57.73	13.178		
6,400.00	6,245.37	6,209.40	6,199.19	33.20	26.92	-49.46	-436.80	1,876.51	745.67	686.96	58.71	12.701		
6,500.00	6,342.68	6,314.56	6,304.35	33.73	27.36	-50.92	-437.06	1,875.87	730.04	670.35	59.69	12.231		
6,520.81	6,362.93	6,334.62	6,324.41	33.85	27.44	-51.20	-437.12	1,875.66	726.75	666.85	59.90	12.133		
6,550.00	6,391.46	6,363.89	6,353.68	34.00	27.56	-57.79	-437.22	1,875.31	722.74	662.56	60.18	12.009		
6,600.00	6,440.79	6,414.71	6,404.50	34.23	27.78	-77.17	-437.43	1,874.65	718.70	658.05	60.65	11.849		
6,632.37	6,472.92	6,448.14	6,437.92	34.36	27.91	-98.52	-437.60	1,874.15	717.97	657.03	60.94	11.782 CC, ES		
6,650.00	6,490.44	6,466.38	6,456.16	34.43	27.99	-112.81	-437.71	1,873.85	718.18	657.09	61.09	11.756		
6,700.00	6,540.10	6,517.45	6,507.21	34.60	28.20	-149.41	-438.07	1,872.95	721.15	659.66	61.49	11.728 SF		
6,750.00	6,589.46	6,567.00	6,556.75	34.76	28.41	-169.72	-438.42	1,872.05	727.65	665.79	61.86	11.763		
6,800.00	6,638.22	6,616.98	6,606.72	34.92	28.62	179.75	-438.76	1,871.11	737.65	675.44	62.20	11.859		
6,850.00	6,686.09	6,668.13	6,657.86	35.07	28.84	173.57	-439.15	1,870.00	750.94	688.42	62.51	12.012		
6,900.00	6,732.75	6,718.65	6,708.36	35.24	29.05	169.50	-439.58	1,868.70	767.40	704.60	62.80	12.220		
6,950.00	6,777.94	6,768.60	6,758.29	35.42	29.26	166.55	-440.07	1,867.17	786.92	723.86	63.06	12.478		
7,000.00	6,821.36	6,815.32	6,804.98	35.61	29.45	164.23	-440.58	1,865.51	809.43	746.11	63.31	12.784		
7,050.00	6,862.75	6,857.14	6,846.77	35.83	29.63	162.21	-441.01	1,864.00	835.00	771.45	63.56	13.138		
7,100.00	6,901.85	6,896.79	6,886.39	36.06	29.80	160.35	-441.37	1,862.57	863.58	799.80	63.77	13.541		
7,150.00	6,938.43	6,937.53	6,927.10	36.32	29.97	158.58	-441.72	1,861.05	894.94	830.98	63.96	13.992		
7,200.00	6,972.26	6,975.97	6,965.51	36.61	30.13	156.75	-442.08	1,859.48	928.84	864.72	64.12	14.486		
7,250.00	7,003.13	7,011.57	7,001.07	36.93	30.28	154.72	-442.44	1,857.92	965.13	900.87	64.26	15.019		
7,300.00	7,030.85	7,042.02	7,031.49	37.29	30.41	152.30	-442.70	1,856.51	1,003.68	939.29	64.39	15.588		
7,350.00	7,055.25	7,069.80	7,059.23	37.68	30.53	149.38	-442.90	1,855.17	1,044.29	979.80	64.49	16.193		
7,400.00	7,076.17	7,094.17	7,083.57	38.12	30.63	145.73	-443.04	1,853.95	1,086.75	1,022.18	64.57	16.830		
7,450.00	7,093.50	7,114.14	7,103.52	38.60	30.72	140.98	-443.13	1,852.93	1,130.82	1,066.19	64.64	17.495		
7,500.00	7,107.11	7,130.20	7,119.55	39.11	30.79	134.68	-443.20	1,852.11	1,176.27	1,111.58	64.68	18.185		
7,550.00	7,116.94	7,142.51	7,131.85	39.66	30.84	126.27	-443.26	1,851.48	1,222.81	1,158.10	64.71	18.896		
7,600.00	7,122.91	7,151.00	7,140.33	40.24	30.87	115.13	-443.30	1,851.05	1,270.17	1,205.45	64.72	19.625		
7,650.18	7,125.00	7,155.63	7,144.96	40.85	30.89	101.08	-443.32	1,850.81	1,318.23	1,253.51	64.72	20.369		
7,700.00	7,125.12	7,158.29	7,147.60	41.48	30.91	101.49	-443.33	1,850.67	1,366.18	1,301.48	64.71	21.114		
7,800.00	7,125.36	7,163.61	7,152.92	42.88	30.93	102.31	-443.36	1,850.40	1,462.79	1,398.10	64.69	22.613		
7,900.00	7,125.60	7,168.94	7,158.24	44.42	30.95	103.12	-443.38	1,850.13	1,559.80	1,495.12	64.68	24.116		
8,000.00	7,125.84	7,174.26	7,163.56	46.10	30.97	103.93	-443.41	1,849.86	1,657.16	1,592.48	64.68	25.622		
8,100.00	7,126.08	7,179.59	7,168.88	47.89	31.00	104.73	-443.43	1,849.59	1,754.79	1,690.11	64.68	27.131		
8,200.00	7,126.32	7,184.91	7,174.19	49.79	31.02	105.53	-443.45	1,849.31	1,852.66	1,787.98	64.68	28.642		
8,300.00	7,126.56	7,190.24	7,179.51	51.79	31.04	106.32	-443.48	1,849.04	1,950.74	1,886.04	64.69	30.154		
8,400.00	7,126.80	7,195.56	7,184.83	53.86	31.07	107.10	-443.50	1,848.77	2,048.98	1,984.28	64.70	31.667		
8,500.00	7,127.04	7,200.89	7,190.15	56.00	31.09	107.88	-443.53	1,848.50	2,147.38	2,082.66	64.72	33.180		
8,600.00	7,127.28	7,206.21	7,195.47	58.21	31.11	108.65	-443.55	1,848.23	2,245.90	2,181.17	64.73	34.694		
8,689.38	7,127.49	7,210.97	7,200.22	60.24	31.13	109.34	-443.58	1,847.98	2,334.06	2,269.31	64.75	36.047		
8,700.00	7,127.52	7,211.54	7,200.78	60.48	31.14	109.86	-443.58	1,847.95	2,344.54	2,279.79	64.75	36.208		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	7,216.87	7,206.12	62.79	31.16	116.28	-443.60	1,847.68	2,443.56	2,378.79	64.77	37.725		
8,841.07	7,127.85	7,219.07	7,208.31	63.74	31.17	120.05	-443.61	1,847.57	2,484.36	2,419.58	64.78	38.349		
8,900.00	7,128.00	7,222.23	7,211.46	65.12	31.18	120.64	-443.63	1,847.41	2,542.96	2,478.16	64.79	39.246		
9,000.00	7,128.23	7,227.58	7,216.81	67.50	31.20	121.61	-443.65	1,847.13	2,642.42	2,577.60	64.82	40.767		
9,100.00	7,128.47	7,232.93	7,222.15	69.91	31.23	122.57	-443.68	1,846.86	2,741.90	2,677.06	64.84	42.287		
9,200.00	7,128.71	7,238.29	7,227.50	72.35	31.25	123.51	-443.70	1,846.59	2,841.42	2,776.55	64.87	43.804		
9,300.00	7,128.95	7,243.64	7,232.85	74.83	31.27	124.42	-443.73	1,846.31	2,940.95	2,876.06	64.89	45.321		
9,400.00	7,129.19	7,248.99	7,238.19	77.33	31.30	125.32	-443.75	1,846.04	3,040.51	2,975.59	64.92	46.835		
9,500.00	7,129.43	7,254.35	7,243.54	79.86	31.32	126.20	-443.78	1,845.77	3,140.09	3,075.14	64.95	48.348		
9,600.00	7,129.67	7,259.70	7,248.89	82.41	31.34	127.06	-443.80	1,845.49	3,239.68	3,174.71	64.98	49.858		
9,700.00	7,129.91	7,265.05	7,254.23	84.97	31.37	127.90	-443.82	1,845.22	3,339.29	3,274.28	65.01	51.366		
9,800.00	7,130.15	7,270.41	7,259.58	87.56	31.39	128.72	-443.85	1,844.95	3,438.92	3,373.88	65.04	52.873		
9,900.00	7,130.39	7,275.76	7,264.93	90.16	31.41	129.52	-443.87	1,844.67	3,538.56	3,473.48	65.07	54.377		
10,000.00	7,130.63	7,281.12	7,270.27	92.78	31.43	130.31	-443.90	1,844.40	3,638.20	3,573.10	65.11	55.878		
10,100.00	7,130.87	7,286.47	7,275.62	95.41	31.46	131.08	-443.92	1,844.12	3,737.87	3,672.72	65.15	57.377		
10,200.00	7,131.11	7,291.82	7,280.96	98.06	31.48	131.83	-443.95	1,843.85	3,837.54	3,772.35	65.18	58.874		
10,300.00	7,131.35	7,297.18	7,286.31	100.71	31.50	132.56	-443.97	1,843.58	3,937.22	3,872.00	65.22	60.368		
10,400.00	7,131.59	7,302.53	7,291.66	103.38	31.53	133.28	-444.00	1,843.30	4,036.90	3,971.65	65.26	61.860		
10,500.00	7,131.83	7,307.88	7,297.00	106.06	31.55	133.98	-444.02	1,843.03	4,136.60	4,071.30	65.30	63.348		
10,600.00	7,132.07	7,313.24	7,302.35	108.74	31.57	134.66	-444.05	1,842.76	4,236.31	4,170.96	65.34	64.834		
10,700.00	7,132.31	7,318.59	7,307.70	111.44	31.60	135.33	-444.07	1,842.48	4,336.02	4,270.63	65.38	66.317		
10,800.00	7,132.55	7,323.94	7,313.04	114.14	31.62	135.98	-444.10	1,842.21	4,435.74	4,370.31	65.43	67.797		
10,900.00	7,132.79	7,329.30	7,318.39	116.85	31.64	136.62	-444.12	1,841.94	4,535.46	4,469.99	65.47	69.273		
11,000.00	7,133.03	7,334.65	7,323.74	119.57	31.67	137.24	-444.15	1,841.66	4,635.19	4,569.67	65.52	70.747		
11,100.00	7,133.27	7,340.00	7,329.08	122.29	31.69	137.85	-444.17	1,841.39	4,734.92	4,669.36	65.56	72.217		
11,200.00	7,133.51	7,345.36	7,334.43	125.02	31.71	138.45	-444.19	1,841.12	4,834.66	4,769.05	65.61	73.684		
11,300.00	7,133.74	7,350.71	7,339.78	127.76	31.73	139.03	-444.22	1,840.84	4,934.41	4,868.75	65.66	75.148		
11,400.00	7,133.98	7,356.06	7,345.12	130.50	31.76	139.60	-444.24	1,840.57	5,034.16	4,968.45	65.71	76.609		
11,500.00	7,134.22	7,361.42	7,350.47	133.24	31.78	140.15	-444.27	1,840.29	5,133.91	5,068.15	65.76	78.065		
11,600.00	7,134.46	7,366.77	7,355.82	135.99	31.80	140.70	-444.29	1,840.02	5,233.67	5,167.85	65.82	79.519		
11,700.00	7,134.70	7,372.12	7,361.16	138.75	31.83	141.23	-444.32	1,839.75	5,333.43	5,267.56	65.87	80.968		
11,800.00	7,134.94	7,377.48	7,366.51	141.51	31.85	141.75	-444.34	1,839.47	5,433.19	5,367.27	65.93	82.414		
11,900.00	7,135.18	7,382.83	7,371.85	144.27	31.87	142.26	-444.37	1,839.20	5,532.96	5,466.98	65.98	83.857		
12,000.00	7,135.42	7,388.19	7,377.20	147.03	31.90	142.75	-444.39	1,838.93	5,632.73	5,566.70	66.04	85.295		
12,100.00	7,135.66	7,393.54	7,382.55	149.80	31.92	143.24	-444.42	1,838.65	5,732.51	5,666.41	66.10	86.730		
12,200.00	7,135.90	7,398.89	7,387.89	152.58	31.94	143.71	-444.44	1,838.38	5,832.28	5,766.13	66.16	88.161		
12,300.00	7,136.14	7,404.25	7,393.24	155.35	31.96	144.18	-444.47	1,838.11	5,932.06	5,865.85	66.22	89.587		
12,400.00	7,136.38	7,409.60	7,398.59	158.13	31.99	144.63	-444.49	1,837.83	6,031.85	5,965.57	66.28	91.010		
12,500.00	7,136.62	7,414.95	7,403.94	160.91	31.87	142.27	-444.37	1,839.19	6,131.71	6,065.42	66.29	92.493		
12,600.00	7,136.86	7,420.30	7,409.29	163.70	31.87	142.27	-444.37	1,839.19	6,231.53	6,165.18	66.35	93.921		
12,700.00	7,137.10	7,425.65	7,414.64	166.48	31.87	142.27	-444.37	1,839.19	6,331.35	6,264.95	66.40	95.345		
12,800.00	7,137.34	7,431.00	7,419.99	169.27	31.87	142.27	-444.37	1,839.19	6,431.18	6,364.72	66.46	96.766		
12,900.00	7,137.58	7,436.35	7,425.34	172.06	31.87	142.27	-444.37	1,839.19	6,531.01	6,464.49	66.52	98.184		
13,000.00	7,137.82	7,441.70	7,430.69	174.86	31.87	142.27	-444.37	1,839.19	6,630.85	6,564.27	66.58	99.598		
13,100.00	7,138.06	7,447.05	7,436.04	177.65	31.87	142.27	-444.37	1,839.19	6,730.69	6,664.05	66.64	101.008		
13,200.00	7,138.30	7,452.40	7,441.39	180.45	31.87	142.27	-444.37	1,839.19	6,830.53	6,763.84	66.69	102.415		
13,300.00	7,138.54	7,457.75	7,446.74	183.25	31.87	142.27	-444.37	1,839.19	6,930.38	6,863.63	66.76	103.818		
13,400.00	7,138.78	7,463.10	7,452.09	186.05	31.87	142.27	-444.37	1,839.19	7,030.24	6,963.42	66.82	105.217		
13,500.00	7,139.02	7,468.45	7,457.44	188.85	31.87	142.27	-444.37	1,839.19	7,130.10	7,063.22	66.88	106.613		
13,600.00	7,139.26	7,473.80	7,462.79	191.65	31.87	142.27	-444.37	1,839.19	7,229.96	7,163.02	66.94	108.004		
13,700.00	7,139.49	7,479.15	7,468.14	194.46	31.87	142.27	-444.37	1,839.19	7,329.83	7,262.82	67.01	109.392		
13,800.00	7,139.73	7,484.50	7,473.49	197.27	31.87	142.27	-444.37	1,839.19	7,429.70	7,362.63	67.07	110.776		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	7,383.00	7,372.02	200.08	31.87	142.27	-444.37	1,839.19	7,529.57	7,462.44	67.14	112.155		
14,000.00	7,140.21	7,383.00	7,372.02	202.89	31.87	142.27	-444.37	1,839.19	7,629.45	7,562.25	67.20	113.531		
14,100.00	7,140.45	7,383.00	7,372.02	205.70	31.87	142.27	-444.37	1,839.19	7,729.33	7,662.06	67.27	114.903		
14,200.00	7,140.69	7,383.00	7,372.02	208.51	31.87	142.27	-444.37	1,839.19	7,829.21	7,761.88	67.34	116.270		
14,300.00	7,140.93	7,383.00	7,372.02	211.32	31.87	142.27	-444.37	1,839.19	7,929.10	7,861.70	67.40	117.634		
14,400.00	7,141.17	7,383.00	7,372.02	214.14	31.87	142.27	-444.37	1,839.19	8,028.99	7,961.52	67.47	118.993		
14,500.00	7,141.41	7,383.00	7,372.02	216.95	31.87	142.27	-444.37	1,839.19	8,128.88	8,061.34	67.54	120.348		
14,600.00	7,141.65	7,383.00	7,372.02	219.77	31.87	142.27	-444.37	1,839.19	8,228.78	8,161.16	67.62	121.699		
14,700.00	7,141.89	7,383.00	7,372.02	222.59	31.87	142.27	-444.37	1,839.19	8,328.67	8,260.99	67.69	123.046		
14,800.00	7,142.13	7,383.00	7,372.02	225.41	31.87	142.27	-444.37	1,839.19	8,428.57	8,360.81	67.76	124.388		
14,900.00	7,142.37	7,383.00	7,372.02	228.23	31.87	142.27	-444.37	1,839.19	8,528.47	8,460.64	67.83	125.726		
15,000.00	7,142.61	7,383.00	7,372.02	231.05	31.87	142.27	-444.37	1,839.19	8,628.38	8,560.47	67.91	127.059		
15,100.00	7,142.85	7,383.00	7,372.02	233.87	31.87	142.27	-444.37	1,839.19	8,728.28	8,660.30	67.98	128.389		
15,200.00	7,143.09	7,383.00	7,372.02	236.69	31.87	142.27	-444.37	1,839.19	8,828.19	8,760.13	68.06	129.713		
15,300.00	7,143.33	7,383.00	7,372.02	239.52	31.87	142.27	-444.37	1,839.19	8,928.10	8,859.97	68.14	131.033		
15,400.00	7,143.57	7,383.00	7,372.02	242.34	31.87	142.27	-444.37	1,839.19	9,028.02	8,959.80	68.21	132.349		
15,500.00	7,143.81	7,383.00	7,372.02	245.17	31.87	142.27	-444.37	1,839.19	9,127.93	9,059.64	68.29	133.661		
15,600.00	7,144.05	7,383.00	7,372.02	247.99	31.87	142.27	-444.37	1,839.19	9,227.85	9,159.48	68.37	134.967		
15,700.00	7,144.29	7,383.00	7,372.02	250.82	31.87	142.27	-444.37	1,839.19	9,327.76	9,259.31	68.45	136.269		
15,800.00	7,144.53	7,383.00	7,372.02	253.64	31.87	142.27	-444.37	1,839.19	9,427.68	9,359.15	68.53	137.567		
15,900.00	7,144.76	7,383.00	7,372.02	256.47	31.87	142.27	-444.37	1,839.19	9,527.61	9,458.99	68.61	138.860		
16,000.00	7,145.00	7,383.00	7,372.02	259.30	31.87	142.27	-444.37	1,839.19	9,627.53	9,558.83	68.70	140.149		
16,100.00	7,145.24	7,383.00	7,372.02	262.13	31.87	142.27	-444.37	1,839.19	9,727.45	9,658.68	68.78	141.432		
16,200.00	7,145.48	7,383.00	7,372.02	264.96	31.87	142.27	-444.37	1,839.19	9,827.38	9,758.52	68.86	142.711		
16,300.00	7,145.72	7,383.00	7,372.02	267.79	31.87	142.27	-444.37	1,839.19	9,927.31	9,858.36	68.95	143.986		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-162.82	-3,337.02	-1,031.61	3,492.93					
100.00	100.00	75.00	75.00	3.28	3.53	-162.82	-3,337.02	-1,031.61	3,492.84	3,486.02	6.82	512.423		
200.00	200.00	175.00	175.00	3.34	5.46	-162.82	-3,337.02	-1,031.61	3,492.84	3,484.04	8.80	397.093		
300.00	299.98	274.98	274.98	3.44	8.51	77.21	-3,337.02	-1,031.61	3,492.45	3,480.50	11.95	292.195		
400.00	399.84	374.84	374.84	3.60	11.80	77.32	-3,337.02	-1,031.61	3,491.30	3,475.90	15.40	226.733		
500.00	499.45	474.45	474.45	3.80	15.18	77.50	-3,337.02	-1,031.61	3,489.39	3,470.42	18.97	183.940		
600.00	598.70	573.70	573.70	4.04	18.57	77.74	-3,337.02	-1,031.61	3,486.76	3,464.15	22.61	154.193		
700.00	697.47	672.47	672.47	4.33	21.98	78.06	-3,337.02	-1,031.61	3,483.44	3,457.14	26.30	132.446		
800.00	795.62	770.62	770.62	4.65	25.37	78.43	-3,337.02	-1,031.61	3,479.48	3,449.46	30.02	115.908		
865.50	859.53	834.53	834.53	4.89	27.58	78.72	-3,337.02	-1,031.61	3,476.57	3,444.11	32.47	107.082		
900.00	893.10	868.10	868.10	5.02	28.75	78.84	-3,337.02	-1,031.61	3,474.99	3,441.23	33.76	102.934		
1,000.00	990.42	965.42	965.42	5.41	32.13	79.21	-3,337.02	-1,031.61	3,470.49	3,432.96	37.53	92.475		
1,100.00	1,087.73	1,062.73	1,062.73	5.83	35.51	79.57	-3,337.02	-1,031.61	3,466.14	3,424.81	41.32	83.876		
1,200.00	1,185.05	1,160.05	1,160.05	6.27	38.89	79.94	-3,337.02	-1,031.61	3,461.93	3,416.79	45.14	76.691		
1,300.00	1,282.36	1,257.36	1,257.36	6.72	42.28	80.30	-3,337.02	-1,031.61	3,457.87	3,408.90	48.97	70.606		
1,400.00	1,379.67	1,354.67	1,354.67	7.18	45.66	80.67	-3,337.02	-1,031.61	3,453.97	3,401.15	52.82	65.390		
1,500.00	1,476.99	1,451.99	1,451.99	7.65	49.05	81.04	-3,337.02	-1,031.61	3,450.21	3,393.53	56.68	60.873		
1,600.00	1,574.30	1,549.30	1,549.30	8.13	52.44	81.40	-3,337.02	-1,031.61	3,446.60	3,386.05	60.55	56.925		
1,700.00	1,671.61	1,646.61	1,646.61	8.62	55.83	81.77	-3,337.02	-1,031.61	3,443.14	3,378.72	64.42	53.447		
1,800.00	1,768.93	1,743.93	1,743.93	9.11	59.23	82.17	-3,337.02	-1,031.61	3,439.83	3,371.53	68.30	50.361		
1,900.00	1,866.24	1,841.24	1,841.24	9.60	62.62	82.51	-3,337.02	-1,031.61	3,436.67	3,364.48	72.19	47.606		
2,000.00	1,963.56	1,938.56	1,938.56	10.10	66.01	82.88	-3,337.02	-1,031.61	3,433.67	3,357.59	76.08	45.131		
2,100.00	2,060.87	2,035.87	2,035.87	10.61	69.40	83.25	-3,337.02	-1,031.61	3,430.81	3,350.84	79.98	42.897		
2,200.00	2,158.18	2,133.18	2,133.18	11.11	72.80	83.63	-3,337.02	-1,031.61	3,428.11	3,344.24	83.88	40.870		
2,300.00	2,255.50	2,230.50	2,230.50	11.62	76.19	84.00	-3,337.02	-1,031.61	3,425.56	3,337.78	87.78	39.024		
2,400.00	2,352.81	2,327.81	2,327.81	12.13	79.59	84.37	-3,337.02	-1,031.61	3,423.17	3,331.48	91.69	37.336		
2,500.00	2,450.13	2,425.13	2,425.13	12.65	82.98	84.75	-3,337.02	-1,031.61	3,420.93	3,325.33	95.59	35.786		
2,600.00	2,547.44	2,522.44	2,522.44	13.16	86.38	85.12	-3,337.02	-1,031.61	3,418.84	3,319.33	99.50	34.359		
2,700.00	2,644.75	2,619.75	2,619.75	13.68	89.77	85.49	-3,337.02	-1,031.61	3,416.90	3,313.48	103.42	33.040		
2,800.00	2,742.07	2,717.07	2,717.07	14.20	93.17	85.87	-3,337.02	-1,031.61	3,415.12	3,307.79	107.33	31.819		
2,900.00	2,839.38	2,814.38	2,814.38	14.71	96.56	86.24	-3,337.02	-1,031.61	3,413.49	3,302.25	111.25	30.684		
3,000.00	2,936.70	2,911.70	2,911.70	15.23	99.96	86.62	-3,337.02	-1,031.61	3,412.02	3,296.86	115.16	29.628		
3,100.00	3,034.01	3,009.01	3,009.01	15.76	103.35	86.99	-3,337.02	-1,031.61	3,410.70	3,291.62	119.08	28.642		
3,200.00	3,131.32	3,106.32	3,106.32	16.28	106.75	87.37	-3,337.02	-1,031.61	3,409.54	3,286.54	123.00	27.720		
3,300.00	3,228.64	3,203.64	3,203.64	16.80	110.14	87.75	-3,337.02	-1,031.61	3,408.53	3,281.61	126.92	26.856		
3,400.00	3,325.95	3,300.95	3,300.95	17.32	113.54	88.12	-3,337.02	-1,031.61	3,407.68	3,276.84	130.84	26.045		
3,500.00	3,423.26	3,401.74	3,398.26	17.85	117.06	88.50	-3,337.02	-1,031.61	3,406.98	3,272.10	134.88	25.259		
3,600.00	3,520.58	3,504.42	3,495.58	18.37	120.64	88.88	-3,337.02	-1,031.61	3,406.44	3,267.45	138.99	24.508		
3,700.00	3,617.89	3,607.11	3,592.89	18.90	124.22	89.25	-3,337.02	-1,031.61	3,406.05	3,262.95	143.10	23.801		
3,800.00	3,715.21	3,709.79	3,690.21	19.43	127.81	89.63	-3,337.02	-1,031.61	3,405.82	3,258.61	147.22	23.135		
3,898.10	3,810.67	3,785.67	3,785.67	19.94	130.45	90.00	-3,337.02	-1,031.61	3,405.75	3,255.37	150.38	22.647		
3,900.00	3,812.52	3,787.52	3,787.52	19.95	130.52	90.01	-3,337.02	-1,031.61	3,405.75	3,255.29	150.46	22.636		
4,000.00	3,909.83	3,884.83	3,884.83	20.48	133.91	90.38	-3,337.02	-1,031.61	3,405.83	3,251.45	154.38	22.061		
4,100.00	4,007.15	3,982.15	3,982.15	21.01	137.31	90.76	-3,337.02	-1,031.61	3,406.07	3,247.76	158.31	21.516		
4,200.00	4,104.46	4,079.46	4,079.46	21.53	140.71	91.14	-3,337.02	-1,031.61	3,406.46	3,244.23	162.23	20.998		
4,300.00	4,201.78	4,176.78	4,176.78	22.06	144.10	91.51	-3,337.02	-1,031.61	3,407.01	3,240.85	166.16	20.505		
4,400.00	4,299.09	4,274.09	4,274.09	22.59	147.50	91.89	-3,337.02	-1,031.61	3,407.71	3,237.63	170.08	20.035		
4,500.00	4,396.40	4,371.40	4,371.40	23.12	150.90	92.27	-3,337.02	-1,031.61	3,408.57	3,234.56	174.01	19.588		
4,600.00	4,493.72	4,468.72	4,468.72	23.65	154.29	92.64	-3,337.02	-1,031.61	3,409.58	3,231.64	177.94	19.162		
4,700.00	4,591.03	4,566.03	4,566.03	24.18	157.69	93.02	-3,337.02	-1,031.61	3,410.75	3,228.89	181.86	18.754		
4,800.00	4,688.34	4,663.34	4,663.34	24.71	161.09	93.40	-3,337.02	-1,031.61	3,412.07	3,226.28	185.79	18.365		
4,900.00	4,785.66	4,760.66	4,760.66	25.24	164.48	93.77	-3,337.02	-1,031.61	3,413.55	3,223.83	189.72	17.993		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,882.97	4,857.97	4,857.97	25.77	167.88	94.15	-3,337.02	-1,031.61	3,415.18	3,221.54	193.64	17.636		
5,100.00	4,980.29	4,955.29	4,955.29	26.30	171.28	94.52	-3,337.02	-1,031.61	3,416.97	3,219.40	197.57	17.295		
5,200.00	5,077.60	5,052.60	5,052.60	26.83	174.67	94.89	-3,337.02	-1,031.61	3,418.91	3,217.41	201.50	16.967		
5,300.00	5,174.91	5,149.91	5,149.91	27.36	178.07	95.27	-3,337.02	-1,031.61	3,421.01	3,215.58	205.43	16.653		
5,400.00	5,272.23	5,247.23	5,247.23	27.89	181.47	95.64	-3,337.02	-1,031.61	3,423.26	3,213.90	209.35	16.352		
5,500.00	5,369.54	5,344.54	5,344.54	28.42	184.86	96.02	-3,337.02	-1,031.61	3,425.66	3,212.38	213.28	16.062		
5,600.00	5,466.86	5,441.86	5,441.86	28.95	188.26	96.39	-3,337.02	-1,031.61	3,428.21	3,211.01	217.21	15.783		
5,700.00	5,564.17	5,539.17	5,539.17	29.48	191.66	96.76	-3,337.02	-1,031.61	3,430.92	3,209.79	221.13	15.515		
5,800.00	5,661.48	5,636.48	5,636.48	30.01	195.05	97.13	-3,337.02	-1,031.61	3,433.78	3,208.72	225.06	15.257		
5,900.00	5,758.80	5,733.80	5,733.80	30.54	198.45	97.50	-3,337.02	-1,031.61	3,436.79	3,207.81	228.98	15.009		
6,000.00	5,856.11	5,831.11	5,831.11	31.07	201.85	97.87	-3,337.02	-1,031.61	3,439.95	3,207.04	232.91	14.769		
6,100.00	5,953.43	5,928.43	5,928.43	31.61	205.24	98.24	-3,337.02	-1,031.61	3,443.27	3,206.43	236.84	14.539		
6,200.00	6,050.74	6,025.74	6,025.74	32.14	208.64	98.61	-3,337.02	-1,031.61	3,446.73	3,205.97	240.76	14.316		
6,300.00	6,148.05	6,123.05	6,123.05	32.67	212.04	98.98	-3,337.02	-1,031.61	3,450.35	3,205.66	244.69	14.101		
6,400.00	6,245.37	6,220.37	6,220.37	33.20	215.43	99.35	-3,337.02	-1,031.61	3,454.11	3,205.50	248.61	13.894		
6,500.00	6,342.68	6,317.68	6,317.68	33.73	218.83	99.71	-3,337.02	-1,031.61	3,458.03	3,205.49	252.54	13.693		
6,520.81	6,362.93	6,337.93	6,337.93	33.85	219.54	99.79	-3,337.02	-1,031.61	3,458.86	3,205.51	253.35	13.652		
6,550.00	6,391.46	6,366.46	6,366.46	34.00	220.53	93.61	-3,337.02	-1,031.61	3,459.63	3,205.13	254.50	13.594		
6,600.00	6,440.79	6,415.79	6,415.79	34.23	222.25	74.78	-3,337.02	-1,031.61	3,459.04	3,202.59	256.45	13.488		
6,650.00	6,490.44	6,465.44	6,465.44	34.43	223.99	39.47	-3,337.02	-1,031.61	3,456.04	3,197.65	258.39	13.375		
6,700.00	6,540.10	6,515.10	6,515.10	34.60	225.72	2.97	-3,337.02	-1,031.61	3,450.64	3,190.34	260.29	13.257		
6,750.00	6,589.46	6,564.46	6,564.46	34.76	227.44	-17.48	-3,337.02	-1,031.61	3,442.85	3,180.68	262.17	13.132		
6,800.00	6,638.22	6,613.22	6,613.22	34.92	229.15	-28.36	-3,337.02	-1,031.61	3,432.74	3,168.71	264.03	13.001		
6,850.00	6,686.09	6,661.09	6,661.09	35.07	230.82	-35.13	-3,337.02	-1,031.61	3,420.38	3,154.52	265.85	12.866		
6,900.00	6,732.75	6,707.75	6,707.75	35.24	232.45	-40.02	-3,337.02	-1,031.61	3,405.85	3,138.21	267.64	12.725		
6,950.00	6,777.94	6,752.94	6,752.94	35.42	234.02	-44.01	-3,337.02	-1,031.61	3,389.29	3,119.90	269.39	12.581		
7,000.00	6,821.36	6,803.64	6,796.36	35.61	235.79	-47.56	-3,337.02	-1,031.61	3,370.83	3,099.49	271.34	12.423		
7,050.00	6,862.75	6,837.75	6,837.75	35.83	236.98	-50.91	-3,337.02	-1,031.61	3,350.62	3,077.89	272.73	12.286		
7,100.00	6,901.85	6,876.85	6,876.85	36.06	238.35	-54.20	-3,337.02	-1,031.61	3,328.84	3,054.54	274.31	12.135		
7,150.00	6,938.43	6,913.43	6,913.43	36.32	239.63	-57.51	-3,337.02	-1,031.61	3,305.69	3,029.87	275.82	11.985		
7,200.00	6,972.26	6,947.26	6,947.26	36.61	240.81	-60.86	-3,337.02	-1,031.61	3,281.35	3,004.09	277.26	11.835		
7,250.00	7,003.13	6,978.13	6,978.13	36.93	241.88	-64.28	-3,337.02	-1,031.61	3,256.05	2,977.43	278.62	11.686		
7,300.00	7,030.85	7,005.85	7,005.85	37.29	242.85	-67.74	-3,337.02	-1,031.61	3,230.01	2,950.10	279.91	11.540		
7,350.00	7,055.25	7,030.25	7,030.25	37.68	243.70	-71.21	-3,337.02	-1,031.61	3,203.46	2,922.35	281.11	11.396		
7,400.00	7,076.17	7,051.17	7,051.17	38.12	244.43	-74.66	-3,337.02	-1,031.61	3,176.63	2,894.40	282.23	11.256		
7,450.00	7,093.50	7,068.50	7,068.50	38.60	245.04	-78.04	-3,337.02	-1,031.61	3,149.75	2,866.49	283.26	11.120		
7,500.00	7,107.11	7,082.11	7,082.11	39.11	245.51	-81.30	-3,337.02	-1,031.61	3,123.04	2,838.85	284.19	10.989		
7,550.00	7,116.94	7,108.06	7,091.94	39.66	246.42	-84.39	-3,337.02	-1,031.61	3,096.73	2,811.14	285.59	10.843		
7,600.00	7,122.91	7,102.09	7,097.91	40.24	246.21	-87.27	-3,337.02	-1,031.61	3,071.03	2,785.12	285.91	10.741		
7,650.18	7,125.00	7,100.00	7,100.00	40.85	246.14	-89.92	-3,337.02	-1,031.61	3,046.05	2,759.66	286.40	10.636		
7,700.00	7,125.12	7,100.12	7,100.12	41.48	246.14	-89.93	-3,337.02	-1,031.61	3,022.03	2,735.04	286.99	10.530		
7,800.00	7,125.36	7,100.36	7,100.36	42.88	246.15	-89.93	-3,337.02	-1,031.61	2,975.74	2,687.43	288.32	10.321		
7,900.00	7,125.60	7,100.60	7,100.60	44.42	246.16	-89.94	-3,337.02	-1,031.61	2,932.14	2,642.32	289.82	10.117		
8,000.00	7,125.84	7,100.84	7,100.84	46.10	246.17	-89.94	-3,337.02	-1,031.61	2,891.34	2,599.86	291.48	9.920		
8,100.00	7,126.08	7,101.08	7,101.08	47.89	246.18	-89.95	-3,337.02	-1,031.61	2,853.46	2,560.17	293.29	9.729		
8,200.00	7,126.32	7,101.32	7,101.32	49.79	246.18	-89.95	-3,337.02	-1,031.61	2,818.62	2,523.38	295.24	9.547		
8,300.00	7,126.56	7,101.56	7,101.56	51.79	246.19	-89.96	-3,337.02	-1,031.61	2,786.94	2,489.62	297.31	9.374		
8,400.00	7,126.80	7,101.80	7,101.80	53.86	246.20	-89.96	-3,337.02	-1,031.61	2,758.52	2,459.02	299.50	9.211		
8,500.00	7,127.04	7,102.04	7,102.04	56.00	246.21	-89.97	-3,337.02	-1,031.61	2,733.46	2,431.69	301.77	9.058		
8,600.00	7,127.28	7,102.28	7,102.28	58.21	246.22	-89.97	-3,337.02	-1,031.61	2,711.86	2,407.75	304.11	8.917		
8,689.38	7,127.49	7,102.49	7,102.49	60.24	246.22	-89.98	-3,337.02	-1,031.61	2,695.55	2,389.30	306.25	8.802		
8,700.00	7,127.52	7,102.52	7,102.52	60.48	246.23	-89.98	-3,337.02	-1,031.61	2,693.78	2,387.28	306.51	8.789		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	7,102.76	7,102.76	62.79	246.23	-89.98	-3,337.02	-1,031.61	2,677.25	2,368.33	308.92	8.666		
8,841.07	7,127.85	7,102.85	7,102.85	63.74	246.24	-89.98	-3,337.02	-1,031.61	2,670.51	2,360.60	309.91	8.617		
8,900.00	7,128.00	7,103.00	7,103.00	65.12	246.24	-89.98	-3,337.02	-1,031.61	2,661.50	2,350.17	311.33	8.549		
9,000.00	7,128.23	7,103.23	7,103.23	67.50	246.25	-89.99	-3,337.02	-1,031.61	2,649.14	2,335.39	313.75	8.444		
9,100.00	7,128.47	7,103.47	7,103.47	69.91	246.26	-89.99	-3,337.02	-1,031.61	2,640.51	2,324.36	316.15	8.352		
9,200.00	7,128.71	7,103.71	7,103.71	72.35	246.27	-90.00	-3,337.02	-1,031.61	2,635.65	2,317.13	318.52	8.275		
9,278.16	7,128.90	7,103.90	7,103.90	74.29	246.27	-90.00	-3,337.02	-1,031.61	2,634.49	2,314.14	320.35	8.224 CC		
9,300.00	7,128.95	7,103.95	7,103.95	74.83	246.28	-90.00	-3,337.02	-1,031.61	2,634.59	2,313.73	320.85	8.211 ES		
9,400.00	7,129.19	7,104.19	7,104.19	77.33	246.28	-90.01	-3,337.02	-1,031.61	2,637.31	2,314.19	323.12	8.162		
9,500.00	7,129.43	7,104.43	7,104.43	79.86	246.29	-90.01	-3,337.02	-1,031.61	2,643.82	2,318.50	325.32	8.127		
9,600.00	7,129.67	7,104.67	7,104.67	82.41	246.30	-90.02	-3,337.02	-1,031.61	2,654.08	2,326.66	327.42	8.106		
9,700.00	7,129.91	7,104.91	7,104.91	84.97	246.31	-90.02	-3,337.02	-1,031.61	2,668.05	2,338.62	329.44	8.099 SF		
9,800.00	7,130.15	7,105.15	7,105.15	87.56	246.32	-90.03	-3,337.02	-1,031.61	2,685.68	2,354.33	331.35	8.105		
9,900.00	7,130.39	7,105.39	7,105.39	90.16	246.33	-90.03	-3,337.02	-1,031.61	2,706.89	2,373.74	333.15	8.125		
10,000.00	7,130.63	7,105.63	7,105.63	92.78	246.33	-90.04	-3,337.02	-1,031.61	2,731.60	2,396.76	334.84	8.158		
10,100.00	7,130.87	7,105.87	7,105.87	95.41	246.34	-90.04	-3,337.02	-1,031.61	2,759.71	2,423.30	336.41	8.203		
10,200.00	7,131.11	7,106.11	7,106.11	98.06	246.35	-90.05	-3,337.02	-1,031.61	2,791.12	2,453.26	337.86	8.261		
10,300.00	7,131.35	7,106.35	7,106.35	100.71	246.36	-90.05	-3,337.02	-1,031.61	2,825.72	2,486.53	339.20	8.331		
10,400.00	7,131.59	7,106.59	7,106.59	103.38	246.37	-90.06	-3,337.02	-1,031.61	2,863.40	2,522.98	340.42	8.411		
10,500.00	7,131.83	7,106.83	7,106.83	106.06	246.38	-90.06	-3,337.02	-1,031.61	2,904.04	2,562.50	341.54	8.503		
10,600.00	7,132.07	7,107.07	7,107.07	108.74	246.38	-90.07	-3,337.02	-1,031.61	2,947.51	2,604.97	342.54	8.605		
10,700.00	7,132.31	7,107.31	7,107.31	111.44	246.39	-90.07	-3,337.02	-1,031.61	2,993.69	2,650.24	343.45	8.717		
10,800.00	7,132.55	7,107.55	7,107.55	114.14	246.40	-90.08	-3,337.02	-1,031.61	3,042.46	2,698.20	344.25	8.838		
10,900.00	7,132.79	7,107.79	7,107.79	116.85	246.41	-90.08	-3,337.02	-1,031.61	3,093.69	2,748.72	344.97	8.968		
11,000.00	7,133.03	7,108.03	7,108.03	119.57	246.42	-90.09	-3,337.02	-1,031.61	3,147.27	2,801.66	345.60	9.107		
11,100.00	7,133.27	7,108.27	7,108.27	122.29	246.43	-90.09	-3,337.02	-1,031.61	3,203.07	2,856.92	346.15	9.253		
11,200.00	7,133.51	7,108.51	7,108.51	125.02	246.43	-90.10	-3,337.02	-1,031.61	3,260.98	2,914.35	346.63	9.408		
11,300.00	7,133.74	7,108.74	7,108.74	127.76	246.44	-90.11	-3,337.02	-1,031.61	3,320.90	2,973.86	347.04	9.569		
11,400.00	7,133.98	7,108.98	7,108.98	130.50	246.45	-90.11	-3,337.02	-1,031.61	3,382.71	3,035.32	347.39	9.737		
11,500.00	7,134.22	7,109.22	7,109.22	133.24	246.46	-90.12	-3,337.02	-1,031.61	3,446.32	3,098.64	347.68	9.912		
11,600.00	7,134.46	7,109.46	7,109.46	135.99	246.47	-90.12	-3,337.02	-1,031.61	3,511.62	3,163.70	347.92	10.093		
11,700.00	7,134.70	7,109.70	7,109.70	138.75	246.48	-90.13	-3,337.02	-1,031.61	3,578.53	3,230.41	348.11	10.280		
11,800.00	7,134.94	7,109.94	7,109.94	141.51	246.48	-90.13	-3,337.02	-1,031.61	3,646.95	3,298.68	348.26	10.472		
11,900.00	7,135.18	7,110.18	7,110.18	144.27	246.49	-90.14	-3,337.02	-1,031.61	3,716.80	3,368.42	348.38	10.669		
12,000.00	7,135.42	7,110.42	7,110.42	147.03	246.50	-90.14	-3,337.02	-1,031.61	3,788.00	3,439.55	348.45	10.871		
12,100.00	7,135.66	7,110.66	7,110.66	149.80	246.51	-90.15	-3,337.02	-1,031.61	3,860.48	3,511.98	348.50	11.077		
12,200.00	7,135.90	7,110.90	7,110.90	152.58	246.52	-90.15	-3,337.02	-1,031.61	3,934.17	3,585.65	348.52	11.288		
12,300.00	7,136.14	7,111.14	7,111.14	155.35	246.53	-90.16	-3,337.02	-1,031.61	4,009.00	3,660.48	348.51	11.503		
12,400.00	7,136.38	7,111.38	7,111.38	158.13	246.54	-90.16	-3,337.02	-1,031.61	4,084.90	3,736.41	348.49	11.722		
12,500.00	7,136.62	7,111.62	7,111.62	160.91	246.54	-90.17	-3,337.02	-1,031.61	4,161.82	3,813.38	348.44	11.944		
12,600.00	7,136.86	7,111.86	7,111.86	163.70	246.55	-90.17	-3,337.02	-1,031.61	4,239.71	3,891.33	348.37	12.170		
12,700.00	7,137.10	7,112.10	7,112.10	166.48	246.56	-90.18	-3,337.02	-1,031.61	4,318.51	3,970.21	348.30	12.399		
12,800.00	7,137.34	7,112.34	7,112.34	169.27	246.57	-90.18	-3,337.02	-1,031.61	4,398.17	4,049.96	348.20	12.631		
12,900.00	7,137.58	7,112.58	7,112.58	172.06	246.58	-90.19	-3,337.02	-1,031.61	4,478.64	4,130.54	348.10	12.866		
13,000.00	7,137.82	7,112.82	7,112.82	174.86	246.59	-90.19	-3,337.02	-1,031.61	4,559.89	4,211.90	347.99	13.104		
13,100.00	7,138.06	7,113.06	7,113.06	177.65	246.59	-90.20	-3,337.02	-1,031.61	4,641.87	4,294.00	347.87	13.344		
13,200.00	7,138.30	7,113.30	7,113.30	180.45	246.60	-90.20	-3,337.02	-1,031.61	4,724.54	4,376.81	347.74	13.586		
13,300.00	7,138.54	7,113.54	7,113.54	183.25	246.61	-90.21	-3,337.02	-1,031.61	4,807.88	4,460.27	347.61	13.831		
13,400.00	7,138.78	7,113.78	7,113.78	186.05	246.62	-90.21	-3,337.02	-1,031.61	4,891.84	4,544.37	347.47	14.079		
13,500.00	7,139.02	7,114.02	7,114.02	188.85	246.63	-90.22	-3,337.02	-1,031.61	4,976.39	4,629.06	347.32	14.328		
13,600.00	7,139.25	7,114.25	7,114.25	191.65	246.64	-90.23	-3,337.02	-1,031.61	5,061.50	4,714.32	347.18	14.579		
13,700.00	7,139.49	7,114.49	7,114.49	194.46	246.64	-90.23	-3,337.02	-1,031.61	5,147.15	4,800.12	347.03	14.832		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
13,800.00	7,139.73	7,114.73	7,114.73	197.27	246.65	-90.24	-3,337.02	-1,031.61	5,233.31	4,886.43	346.87	15.087		
13,900.00	7,139.97	7,114.97	7,114.97	200.08	246.66	-90.24	-3,337.02	-1,031.61	5,319.95	4,973.23	346.72	15.344		
14,000.00	7,140.21	7,115.21	7,115.21	202.89	246.67	-90.25	-3,337.02	-1,031.61	5,407.05	5,060.49	346.57	15.602		
14,100.00	7,140.45	7,115.45	7,115.45	205.70	246.68	-90.25	-3,337.02	-1,031.61	5,494.60	5,148.18	346.41	15.861		
14,200.00	7,140.69	7,115.69	7,115.69	208.51	246.69	-90.26	-3,337.02	-1,031.61	5,582.56	5,236.30	346.26	16.122		
14,300.00	7,140.93	7,115.93	7,115.93	211.32	246.69	-90.26	-3,337.02	-1,031.61	5,670.92	5,324.81	346.10	16.385		
14,400.00	7,141.17	7,116.17	7,116.17	214.14	246.70	-90.27	-3,337.02	-1,031.61	5,759.66	5,413.71	345.95	16.649		
14,500.00	7,141.41	7,116.41	7,116.41	216.95	246.71	-90.27	-3,337.02	-1,031.61	5,848.76	5,502.97	345.80	16.914		
14,600.00	7,141.65	7,116.65	7,116.65	219.77	246.72	-90.28	-3,337.02	-1,031.61	5,938.22	5,592.57	345.65	17.180		
14,700.00	7,141.89	7,116.89	7,116.89	222.59	246.73	-90.28	-3,337.02	-1,031.61	6,028.00	5,682.50	345.50	17.447		
14,800.00	7,142.13	7,117.13	7,117.13	225.41	246.74	-90.29	-3,337.02	-1,031.61	6,118.10	5,772.75	345.35	17.716		
14,900.00	7,142.37	7,117.37	7,117.37	228.23	246.74	-90.29	-3,337.02	-1,031.61	6,208.50	5,863.30	345.20	17.985		
15,000.00	7,142.61	7,117.61	7,117.61	231.05	246.75	-90.30	-3,337.02	-1,031.61	6,299.20	5,954.14	345.06	18.255		
15,100.00	7,142.85	7,117.85	7,117.85	233.87	246.76	-90.30	-3,337.02	-1,031.61	6,390.17	6,045.25	344.92	18.527		
15,200.00	7,143.09	7,118.09	7,118.09	236.69	246.77	-90.31	-3,337.02	-1,031.61	6,481.40	6,136.63	344.78	18.799		
15,300.00	7,143.33	7,118.33	7,118.33	239.52	246.78	-90.31	-3,337.02	-1,031.61	6,572.89	6,228.26	344.64	19.072		
15,400.00	7,143.57	7,118.57	7,118.57	242.34	246.79	-90.32	-3,337.02	-1,031.61	6,664.63	6,320.13	344.50	19.346		
15,500.00	7,143.81	7,118.81	7,118.81	245.17	246.79	-90.32	-3,337.02	-1,031.61	6,756.60	6,412.23	344.37	19.620		
15,600.00	7,144.05	7,119.05	7,119.05	247.99	246.80	-90.33	-3,337.02	-1,031.61	6,848.80	6,504.56	344.24	19.896		
15,700.00	7,144.29	7,119.29	7,119.29	250.82	246.81	-90.33	-3,337.02	-1,031.61	6,941.21	6,597.10	344.11	20.172		
15,800.00	7,144.53	7,119.53	7,119.53	253.64	246.82	-90.34	-3,337.02	-1,031.61	7,033.83	6,689.85	343.98	20.448		
15,900.00	7,144.76	7,119.76	7,119.76	256.47	246.83	-90.35	-3,337.02	-1,031.61	7,126.65	6,782.79	343.86	20.725		
16,000.00	7,145.00	7,120.00	7,120.00	259.30	246.84	-90.35	-3,337.02	-1,031.61	7,219.66	6,875.92	343.74	21.003		
16,100.00	7,145.24	7,120.24	7,120.24	262.13	246.84	-90.36	-3,337.02	-1,031.61	7,312.85	6,969.23	343.62	21.282		
16,200.00	7,145.48	7,120.48	7,120.48	264.96	246.85	-90.36	-3,337.02	-1,031.61	7,406.23	7,062.72	343.50	21.561		
16,300.00	7,145.72	7,120.72	7,120.72	267.79	246.86	-90.37	-3,337.02	-1,031.61	7,499.77	7,156.38	343.39	21.840		
16,400.00	7,145.96	7,120.96	7,120.96	270.62	246.87	-90.37	-3,337.02	-1,031.61	7,593.48	7,250.20	343.28	22.120		
16,500.00	7,146.20	7,121.20	7,121.20	273.45	246.88	-90.38	-3,337.02	-1,031.61	7,687.35	7,344.17	343.17	22.401		
16,600.00	7,146.44	7,121.44	7,121.44	276.28	246.89	-90.38	-3,337.02	-1,031.61	7,781.36	7,438.30	343.07	22.682		
16,700.00	7,146.68	7,121.68	7,121.68	279.12	246.89	-90.39	-3,337.02	-1,031.61	7,875.53	7,532.57	342.96	22.963		
16,800.00	7,146.92	7,121.92	7,121.92	281.95	246.90	-90.39	-3,337.02	-1,031.61	7,969.89	7,626.98	342.86	23.245		
16,900.00	7,147.16	7,122.16	7,122.16	284.78	246.91	-90.40	-3,337.02	-1,031.61	8,064.29	7,721.52	342.76	23.527		
17,000.00	7,147.40	7,122.40	7,122.40	287.62	246.92	-90.40	-3,337.02	-1,031.61	8,158.86	7,816.20	342.67	23.810		
17,100.00	7,147.64	7,122.64	7,122.64	290.45	246.93	-90.41	-3,337.02	-1,031.61	8,253.57	7,911.00	342.58	24.093		
17,200.00	7,147.88	7,122.88	7,122.88	293.28	246.94	-90.41	-3,337.02	-1,031.61	8,348.40	8,005.92	342.49	24.376		
17,300.00	7,148.12	7,123.12	7,123.12	296.12	246.94	-90.42	-3,337.02	-1,031.61	8,443.35	8,100.95	342.40	24.660		
17,400.00	7,148.36	7,123.36	7,123.36	298.95	246.95	-90.42	-3,337.02	-1,031.61	8,538.41	8,196.10	342.31	24.943		
17,500.00	7,148.60	7,123.60	7,123.60	301.79	246.96	-90.43	-3,337.02	-1,031.61	8,633.59	8,291.36	342.23	25.228		
17,600.00	7,148.84	7,123.84	7,123.84	304.63	246.97	-90.43	-3,337.02	-1,031.61	8,728.87	8,386.73	342.15	25.512		
17,700.00	7,149.08	7,124.08	7,124.08	307.46	246.98	-90.44	-3,337.02	-1,031.61	8,824.26	8,482.19	342.07	25.797		
17,800.00	7,149.32	7,124.32	7,124.32	310.30	246.99	-90.44	-3,337.02	-1,031.61	8,919.75	8,577.76	341.99	26.082		
17,900.00	7,149.56	7,124.56	7,124.56	313.14	247.00	-90.45	-3,337.02	-1,031.61	9,015.34	8,673.42	341.92	26.367		
18,000.00	7,149.80	7,124.80	7,124.80	315.98	247.00	-90.45	-3,337.02	-1,031.61	9,111.02	8,769.17	341.85	26.652		
18,100.00	7,150.04	7,125.04	7,125.04	318.81	247.01	-90.46	-3,337.02	-1,031.61	9,206.79	8,865.02	341.78	26.938		
18,200.00	7,150.27	7,125.27	7,125.27	321.65	247.02	-90.46	-3,337.02	-1,031.61	9,302.65	8,960.95	341.71	27.224		
18,300.00	7,150.51	7,125.51	7,125.51	324.49	247.03	-90.47	-3,337.02	-1,031.61	9,398.60	9,056.96	341.64	27.510		
18,400.00	7,150.75	7,125.75	7,125.75	327.33	247.04	-90.48	-3,337.02	-1,031.61	9,494.64	9,153.05	341.58	27.796		
18,500.00	7,150.99	7,125.99	7,125.99	330.17	247.05	-90.48	-3,337.02	-1,031.61	9,590.75	9,249.23	341.52	28.083		
18,600.00	7,151.23	7,126.23	7,126.23	333.01	247.05	-90.49	-3,337.02	-1,031.61	9,686.94	9,345.48	341.46	28.369		
18,700.00	7,151.47	7,126.47	7,126.47	335.85	247.06	-90.49	-3,337.02	-1,031.61	9,783.21	9,441.80	341.40	28.656		
18,800.00	7,151.71	7,126.71	7,126.71	338.69	247.07	-90.50	-3,337.02	-1,031.61	9,879.55	9,538.20	341.35	28.943		
18,900.00	7,151.95	7,126.95	7,126.95	341.53	247.08	-90.50	-3,337.02	-1,031.61	9,975.97	9,634.67	341.30	29.230		

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 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>	Falken 9-11 PAD - POP I #14-17 - OH - OH											<b>Offset Site Error:</b>	0.00 ft
<b>Survey Program:</b>	100-2" Cone@2.448 Sigma											<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
18,920.23	7,152.00	7,127.00	7,127.00	342.10	247.08	-90.50	-3,337.02	-1,031.61	9,995.48	9,654.20	341.29	29.288	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	4.00	-4.00	3.28	3.28	-88.21	261.52	-8,360.65	8,364.74					
100.00	100.00	104.00	96.00	3.28	3.78	-88.21	261.52	-8,360.65	8,364.74	8,357.67	7.07	1,183.494		
200.00	200.00	204.00	196.00	3.34	6.30	-88.21	261.52	-8,360.65	8,364.74	8,355.10	9.63	868.184		
300.00	299.98	304.02	295.98	3.44	9.46	151.78	261.52	-8,360.65	8,366.28	8,353.38	12.90	648.734		
400.00	399.84	404.16	395.84	3.60	12.79	151.76	261.52	-8,360.65	8,370.89	8,354.50	16.39	510.825		
500.00	499.45	504.55	495.45	3.80	16.20	151.71	261.52	-8,360.65	8,378.57	8,358.57	20.00	418.893		
600.00	598.70	605.30	594.70	4.04	19.66	151.65	261.52	-8,360.65	8,389.32	8,365.61	23.70	353.919		
700.00	697.47	706.53	693.47	4.33	23.15	151.57	261.52	-8,360.65	8,403.12	8,375.64	27.48	305.804		
800.00	795.62	808.38	791.62	4.65	26.68	151.46	261.52	-8,360.65	8,419.96	8,388.64	31.32	268.848		
865.50	859.53	865.53	855.53	4.89	28.31	151.39	261.52	-8,360.65	8,432.63	8,399.45	33.18	254.166		
900.00	893.10	899.10	889.10	5.02	29.48	151.41	261.52	-8,360.65	8,439.65	8,405.18	34.46	244.884		
1,000.00	990.42	986.42	986.42	5.41	32.85	151.49	261.52	-8,360.65	8,459.99	8,421.79	38.20	221.458		
1,100.00	1,087.73	1,083.73	1,083.73	5.83	36.24	151.56	261.52	-8,360.65	8,480.35	8,438.39	41.96	202.097		
1,200.00	1,185.05	1,181.05	1,181.05	6.27	39.62	151.63	261.52	-8,360.65	8,500.73	8,454.99	45.74	185.848		
1,300.00	1,282.36	1,278.36	1,278.36	6.72	43.01	151.71	261.52	-8,360.65	8,521.11	8,471.58	49.53	172.026		
1,400.00	1,379.67	1,375.67	1,375.67	7.18	46.40	151.78	261.52	-8,360.65	8,541.51	8,488.17	53.34	160.136		
1,500.00	1,476.99	1,472.99	1,472.99	7.65	49.78	151.85	261.52	-8,360.65	8,561.93	8,504.77	57.15	149.803		
1,600.00	1,574.30	1,570.30	1,570.30	8.13	53.18	151.93	261.52	-8,360.65	8,582.35	8,521.37	60.98	140.744		
1,700.00	1,671.61	1,667.61	1,667.61	8.62	56.57	152.00	261.52	-8,360.65	8,602.79	8,537.98	64.81	132.741		
1,800.00	1,768.93	1,764.93	1,764.93	9.11	59.96	152.07	261.52	-8,360.65	8,623.25	8,554.60	68.65	125.620		
1,900.00	1,866.24	1,862.24	1,862.24	9.60	63.35	152.14	261.52	-8,360.65	8,643.71	8,571.23	72.49	119.246		
2,000.00	1,963.56	1,959.56	1,959.56	10.10	66.74	152.21	261.52	-8,360.65	8,664.19	8,587.86	76.33	113.507		
2,100.00	2,060.87	2,056.87	2,056.87	10.61	70.14	152.28	261.52	-8,360.65	8,684.68	8,604.50	80.18	108.313		
2,200.00	2,158.18	2,154.18	2,154.18	11.11	73.53	152.35	261.52	-8,360.65	8,705.19	8,621.15	84.03	103.592		
2,300.00	2,255.50	2,251.50	2,251.50	11.62	76.92	152.42	261.52	-8,360.65	8,725.70	8,637.81	87.89	99.282		
2,400.00	2,352.81	2,348.81	2,348.81	12.13	80.32	152.49	261.52	-8,360.65	8,746.23	8,654.49	91.75	95.331		
2,500.00	2,450.13	2,446.13	2,446.13	12.65	83.71	152.56	261.52	-8,360.65	8,766.77	8,671.17	95.61	91.698		
2,600.00	2,547.44	2,543.44	2,543.44	13.16	87.11	152.63	261.52	-8,360.65	8,787.33	8,687.86	99.47	88.345		
2,700.00	2,644.75	2,640.75	2,640.75	13.68	90.50	152.70	261.52	-8,360.65	8,807.89	8,704.56	103.33	85.241		
2,800.00	2,742.07	2,738.07	2,738.07	14.20	93.90	152.76	261.52	-8,360.65	8,828.47	8,721.28	107.19	82.360		
2,900.00	2,839.38	2,835.38	2,835.38	14.71	97.29	152.83	261.52	-8,360.65	8,849.06	8,738.00	111.06	79.679		
3,000.00	2,936.70	2,932.70	2,932.70	15.23	100.69	152.90	261.52	-8,360.65	8,869.66	8,754.74	114.93	77.177		
3,100.00	3,034.01	3,030.01	3,030.01	15.76	104.08	152.97	261.52	-8,360.65	8,890.28	8,771.48	118.79	74.838		
3,200.00	3,131.32	3,127.32	3,127.32	16.28	107.48	153.03	261.52	-8,360.65	8,910.90	8,788.24	122.66	72.646		
3,300.00	3,228.64	3,224.64	3,224.64	16.80	110.88	153.10	261.52	-8,360.65	8,931.54	8,805.01	126.53	70.588		
3,400.00	3,325.95	3,321.95	3,321.95	17.32	114.27	153.17	261.52	-8,360.65	8,952.19	8,821.79	130.40	68.651		
3,500.00	3,423.26	3,419.26	3,419.26	17.85	117.67	153.23	261.52	-8,360.65	8,972.85	8,838.58	134.27	66.826		
3,600.00	3,520.58	3,516.58	3,516.58	18.37	121.06	153.30	261.52	-8,360.65	8,993.52	8,855.38	138.14	65.103		
3,700.00	3,617.89	3,613.89	3,613.89	18.90	124.46	153.36	261.52	-8,360.65	9,014.21	8,872.19	142.02	63.474		
3,800.00	3,715.21	3,711.21	3,711.21	19.43	127.86	153.43	261.52	-8,360.65	9,034.90	8,889.01	145.89	61.931		
3,900.00	3,812.52	3,808.52	3,808.52	19.95	131.25	153.49	261.52	-8,360.65	9,055.61	8,905.85	149.76	60.467		
4,000.00	3,909.83	3,905.83	3,905.83	20.48	134.65	153.56	261.52	-8,360.65	9,076.32	8,922.69	153.63	59.078		
4,100.00	4,007.15	4,003.15	4,003.15	21.01	138.04	153.62	261.52	-8,360.65	9,097.05	8,939.54	157.51	57.756		
4,200.00	4,104.46	4,100.46	4,100.46	21.53	141.44	153.69	261.52	-8,360.65	9,117.79	8,956.41	161.38	56.498		
4,300.00	4,201.78	4,202.22	4,197.78	22.06	144.99	153.75	261.52	-8,360.65	9,138.54	8,973.13	165.41	55.248		
4,400.00	4,299.09	4,304.91	4,295.09	22.59	148.58	153.81	261.52	-8,360.65	9,159.30	8,989.83	169.47	54.046		
4,500.00	4,396.40	4,407.60	4,392.40	23.12	152.16	153.88	261.52	-8,360.65	9,180.07	9,006.54	173.53	52.900		
4,600.00	4,493.72	4,489.72	4,489.72	23.65	155.03	153.94	261.52	-8,360.65	9,200.86	9,023.98	176.88	52.018		
4,700.00	4,591.03	4,587.03	4,587.03	24.18	158.42	154.00	261.52	-8,360.65	9,221.65	9,040.90	180.75	51.017		
4,800.00	4,688.34	4,684.34	4,684.34	24.71	161.82	154.06	261.52	-8,360.65	9,242.45	9,057.82	184.63	50.059		
4,900.00	4,785.66	4,781.66	4,781.66	25.24	165.22	154.13	261.52	-8,360.65	9,263.27	9,074.76	188.51	49.141		
5,000.00	4,882.97	4,878.97	4,878.97	25.77	168.61	154.19	261.52	-8,360.65	9,284.09	9,091.71	192.38	48.259		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,980.29	4,976.29	4,976.29	26.30	172.01	154.25	261.52	-8,360.65	9,304.93	9,108.67	196.26	47.412		
5,200.00	5,077.60	5,073.60	5,073.60	26.83	175.40	154.31	261.52	-8,360.65	9,325.77	9,125.64	200.13	46.598		
5,300.00	5,174.91	5,170.91	5,170.91	27.36	178.80	154.37	261.52	-8,360.65	9,346.63	9,142.62	204.01	45.815		
5,400.00	5,272.23	5,268.23	5,268.23	27.89	182.20	154.43	261.52	-8,360.65	9,367.49	9,159.61	207.89	45.061		
5,500.00	5,369.54	5,365.54	5,365.54	28.42	185.59	154.49	261.52	-8,360.65	9,388.37	9,176.61	211.76	44.335		
5,600.00	5,466.86	5,462.86	5,462.86	28.95	188.99	154.55	261.52	-8,360.65	9,409.26	9,193.62	215.64	43.634		
5,700.00	5,564.17	5,560.17	5,560.17	29.48	192.39	154.61	261.52	-8,360.65	9,430.15	9,210.64	219.52	42.959		
5,800.00	5,661.48	5,657.48	5,657.48	30.01	195.79	154.67	261.52	-8,360.65	9,451.06	9,227.67	223.39	42.307		
5,900.00	5,758.80	5,754.80	5,754.80	30.54	199.18	154.73	261.52	-8,360.65	9,471.97	9,244.70	227.27	41.677		
6,000.00	5,856.11	5,852.11	5,852.11	31.07	202.58	154.79	261.52	-8,360.65	9,492.90	9,261.75	231.15	41.069		
6,100.00	5,953.43	5,949.43	5,949.43	31.61	205.98	154.85	261.52	-8,360.65	9,513.83	9,278.81	235.02	40.481		
6,200.00	6,050.74	6,046.74	6,046.74	32.14	209.37	154.91	261.52	-8,360.65	9,534.78	9,295.88	238.90	39.911		
6,300.00	6,148.05	6,144.05	6,144.05	32.67	212.77	154.97	261.52	-8,360.65	9,555.73	9,312.96	242.78	39.360		
6,400.00	6,245.37	6,241.37	6,241.37	33.20	216.17	155.02	261.52	-8,360.65	9,576.69	9,330.04	246.65	38.827		
6,500.00	6,342.68	6,338.68	6,338.68	33.73	219.56	155.08	261.52	-8,360.65	9,597.67	9,347.14	250.53	38.309		
6,520.81	6,362.93	6,358.93	6,358.93	33.85	220.27	155.09	261.52	-8,360.65	9,602.03	9,350.70	251.34	38.204		
6,550.00	6,391.46	6,387.46	6,387.46	34.00	221.27	148.75	261.52	-8,360.65	9,607.50	9,355.03	252.47	38.054		
6,600.00	6,440.79	6,436.79	6,436.79	34.23	222.99	129.83	261.52	-8,360.65	9,613.81	9,359.39	254.42	37.787		
6,650.00	6,490.44	6,486.44	6,486.44	34.43	224.72	94.67	261.52	-8,360.65	9,616.21	9,359.85	256.36	37.511		
6,700.00	6,540.10	6,536.10	6,536.10	34.60	226.45	58.56	261.52	-8,360.65	9,614.69	9,356.42	258.28	37.226		
6,750.00	6,589.46	6,585.46	6,585.46	34.76	228.18	38.76	261.52	-8,360.65	9,609.28	9,349.12	260.16	36.936		
6,800.00	6,638.22	6,634.22	6,634.22	34.92	229.88	28.78	261.52	-8,360.65	9,599.98	9,337.99	261.99	36.642		
6,850.00	6,686.09	6,682.09	6,682.09	35.07	231.55	23.19	261.52	-8,360.65	9,586.88	9,323.10	263.78	36.344		
6,900.00	6,732.75	6,728.75	6,728.75	35.24	233.18	19.74	261.52	-8,360.65	9,570.04	9,304.54	265.50	36.045		
6,950.00	6,777.94	6,773.94	6,773.94	35.42	234.76	17.48	261.52	-8,360.65	9,549.57	9,282.41	267.16	35.745		
7,000.00	6,821.36	6,817.36	6,817.36	35.61	236.27	15.95	261.52	-8,360.65	9,525.60	9,256.87	268.73	35.446		
7,050.00	6,862.75	6,858.75	6,858.75	35.83	237.72	14.92	261.52	-8,360.65	9,498.27	9,228.05	270.22	35.150		
7,100.00	6,901.85	6,902.15	6,897.85	36.06	239.23	14.25	261.52	-8,360.65	9,467.76	9,195.99	271.77	34.838		
7,150.00	6,938.43	6,934.43	6,934.43	36.32	240.36	13.87	261.52	-8,360.65	9,434.25	9,161.34	272.91	34.569		
7,200.00	6,972.26	6,968.26	6,968.26	36.61	241.54	13.75	261.52	-8,360.65	9,397.94	9,123.85	274.09	34.288		
7,250.00	7,003.13	7,000.87	6,999.13	36.93	242.68	13.88	261.52	-8,360.65	9,359.07	9,083.85	275.22	34.005		
7,300.00	7,030.85	7,026.85	7,026.85	37.29	243.58	14.30	261.52	-8,360.65	9,317.87	9,041.75	276.12	33.746		
7,350.00	7,055.25	7,051.25	7,051.25	37.68	244.44	15.08	261.52	-8,360.65	9,274.59	8,997.64	276.95	33.488		
7,400.00	7,076.17	7,072.17	7,072.17	38.12	245.17	16.35	261.52	-8,360.65	9,229.50	8,951.84	277.66	33.241		
7,450.00	7,093.50	7,089.50	7,089.50	38.60	245.77	18.40	261.52	-8,360.65	9,182.88	8,904.64	278.24	33.004		
7,500.00	7,107.11	7,103.11	7,103.11	39.11	246.25	21.88	261.52	-8,360.65	9,135.01	8,856.32	278.69	32.778		
7,550.00	7,116.94	7,112.94	7,112.94	39.66	246.59	28.48	261.52	-8,360.65	9,086.20	8,807.18	279.02	32.565		
7,600.00	7,122.91	7,118.91	7,118.91	40.24	246.80	43.86	261.52	-8,360.65	9,036.74	8,757.52	279.21	32.365		
7,650.18	7,125.00	7,121.00	7,121.00	40.85	246.87	88.02	261.52	-8,360.65	8,986.75	8,707.47	279.28	32.178		
7,700.00	7,125.12	7,121.12	7,121.12	41.48	246.87	88.03	261.52	-8,360.65	8,937.05	8,657.76	279.28	32.000		
7,800.00	7,125.36	7,121.36	7,121.36	42.88	246.88	88.05	261.52	-8,360.65	8,837.29	8,558.00	279.29	31.642		
7,900.00	7,125.60	7,121.60	7,121.60	44.42	246.89	88.07	261.52	-8,360.65	8,737.54	8,458.24	279.30	31.283		
8,000.00	7,125.84	7,121.84	7,121.84	46.10	246.90	88.09	261.52	-8,360.65	8,637.80	8,358.48	279.32	30.925		
8,100.00	7,126.08	7,122.08	7,122.08	47.89	246.91	88.12	261.52	-8,360.65	8,538.06	8,258.73	279.33	30.566		
8,200.00	7,126.32	7,122.32	7,122.32	49.79	246.92	88.14	261.52	-8,360.65	8,438.33	8,158.98	279.35	30.207		
8,300.00	7,126.56	7,122.56	7,122.56	51.79	246.93	88.16	261.52	-8,360.65	8,338.60	8,059.23	279.37	29.848		
8,400.00	7,126.80	7,122.80	7,122.80	53.86	246.93	88.18	261.52	-8,360.65	8,238.89	7,959.49	279.40	29.488		
8,500.00	7,127.04	7,123.04	7,123.04	56.00	246.94	88.20	261.52	-8,360.65	8,139.17	7,859.75	279.43	29.128		
8,600.00	7,127.28	7,123.28	7,123.28	58.21	246.95	88.23	261.52	-8,360.65	8,039.47	7,760.01	279.46	28.768		
8,689.38	7,127.49	7,123.49	7,123.49	60.24	246.96	88.25	261.52	-8,360.65	7,939.77	7,670.86	279.49	28.446		
8,700.00	7,127.52	7,123.52	7,123.52	60.48	246.96	88.33	261.52	-8,360.65	7,939.77	7,660.28	279.50	28.407		
8,800.00	7,127.76	7,123.76	7,123.76	62.79	246.97	88.84	261.52	-8,360.65	7,840.28	7,560.74	279.54	28.047		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,841.07	7,127.85	7,123.85	7,123.85	63.74	246.97	88.98	261.52	-8,360.65	7,799.53	7,519.97	279.57	27.899		
8,900.00	7,128.00	7,124.00	7,124.00	65.12	246.98	88.98	261.52	-8,360.65	7,741.13	7,461.53	279.60	27.686		
9,000.00	7,128.23	7,124.23	7,124.23	67.50	246.98	89.00	261.52	-8,360.65	7,642.04	7,362.37	279.68	27.325		
9,100.00	7,128.47	7,124.47	7,124.47	69.91	246.99	89.01	261.52	-8,360.65	7,542.98	7,263.22	279.76	26.962		
9,200.00	7,128.71	7,124.71	7,124.71	72.35	247.00	89.02	261.52	-8,360.65	7,443.94	7,164.09	279.85	26.600		
9,300.00	7,128.95	7,124.95	7,124.95	74.83	247.01	89.04	261.52	-8,360.65	7,344.92	7,064.97	279.95	26.236		
9,400.00	7,129.19	7,125.19	7,125.19	77.33	247.02	89.05	261.52	-8,360.65	7,245.94	6,965.87	280.07	25.872		
9,500.00	7,129.43	7,125.43	7,125.43	79.86	247.03	89.06	261.52	-8,360.65	7,146.98	6,866.78	280.20	25.507		
9,600.00	7,129.67	7,125.67	7,125.67	82.41	247.03	89.08	261.52	-8,360.65	7,048.05	6,767.71	280.34	25.141		
9,700.00	7,129.91	7,125.91	7,125.91	84.97	247.04	89.09	261.52	-8,360.65	6,949.15	6,668.66	280.49	24.775		
9,800.00	7,130.15	7,126.15	7,126.15	87.56	247.05	89.10	261.52	-8,360.65	6,850.29	6,569.63	280.66	24.408		
9,900.00	7,130.39	7,126.39	7,126.39	90.16	247.06	89.12	261.52	-8,360.65	6,751.45	6,470.61	280.84	24.040		
10,000.00	7,130.63	7,126.63	7,126.63	92.78	247.07	89.13	261.52	-8,360.65	6,652.65	6,371.61	281.04	23.671		
10,100.00	7,130.87	7,126.87	7,126.87	95.41	247.08	89.14	261.52	-8,360.65	6,553.89	6,272.63	281.26	23.302		
10,200.00	7,131.11	7,127.11	7,127.11	98.06	247.08	89.16	261.52	-8,360.65	6,455.17	6,173.67	281.50	22.932		
10,300.00	7,131.35	7,127.35	7,127.35	100.71	247.09	89.17	261.52	-8,360.65	6,356.49	6,074.73	281.75	22.561		
10,400.00	7,131.59	7,127.59	7,127.59	103.38	247.10	89.18	261.52	-8,360.65	6,257.84	5,975.82	282.03	22.189		
10,500.00	7,131.83	7,127.83	7,127.83	106.06	247.11	89.20	261.52	-8,360.65	6,159.25	5,876.92	282.33	21.816		
10,600.00	7,132.07	7,128.07	7,128.07	108.74	247.12	89.21	261.52	-8,360.65	6,060.69	5,778.05	282.65	21.443		
10,700.00	7,132.31	7,128.31	7,128.31	111.44	247.13	89.22	261.52	-8,360.65	5,962.19	5,679.20	282.99	21.068		
10,800.00	7,132.55	7,128.55	7,128.55	114.14	247.13	89.24	261.52	-8,360.65	5,863.74	5,580.37	283.36	20.693		
10,900.00	7,132.79	7,128.79	7,128.79	116.85	247.14	89.25	261.52	-8,360.65	5,765.34	5,481.57	283.76	20.317		
11,000.00	7,133.03	7,129.03	7,129.03	119.57	247.15	89.26	261.52	-8,360.65	5,666.99	5,382.80	284.19	19.941		
11,100.00	7,133.27	7,129.27	7,129.27	122.29	247.16	89.27	261.52	-8,360.65	5,568.71	5,284.06	284.65	19.563		
11,200.00	7,133.51	7,129.51	7,129.51	125.02	247.17	89.29	261.52	-8,360.65	5,470.48	5,185.34	285.14	19.185		
11,300.00	7,133.74	7,129.74	7,129.74	127.76	247.18	89.30	261.52	-8,360.65	5,372.33	5,086.66	285.67	18.806		
11,400.00	7,133.98	7,129.98	7,129.98	130.50	247.18	89.31	261.52	-8,360.65	5,274.24	4,988.00	286.23	18.426		
11,500.00	7,134.22	7,130.22	7,130.22	133.24	247.19	89.33	261.52	-8,360.65	5,176.22	4,889.39	286.84	18.046		
11,600.00	7,134.46	7,130.46	7,130.46	135.99	247.20	89.34	261.52	-8,360.65	5,078.29	4,790.80	287.48	17.665		
11,700.00	7,134.70	7,130.70	7,130.70	138.75	247.21	89.35	261.52	-8,360.65	4,980.43	4,692.26	288.17	17.283		
11,800.00	7,134.94	7,130.94	7,130.94	141.51	247.22	89.37	261.52	-8,360.65	4,882.66	4,593.75	288.91	16.900		
11,900.00	7,135.18	7,131.18	7,131.18	144.27	247.23	89.38	261.52	-8,360.65	4,784.99	4,495.29	289.69	16.517		
12,000.00	7,135.42	7,131.42	7,131.42	147.03	247.23	89.39	261.52	-8,360.65	4,687.41	4,396.88	290.53	16.134		
12,100.00	7,135.66	7,131.66	7,131.66	149.80	247.24	89.41	261.52	-8,360.65	4,589.93	4,298.51	291.43	15.750		
12,200.00	7,135.90	7,131.90	7,131.90	152.58	247.25	89.42	261.52	-8,360.65	4,492.57	4,200.19	292.38	15.366		
12,300.00	7,136.14	7,132.14	7,132.14	155.35	247.26	89.43	261.52	-8,360.65	4,395.32	4,101.93	293.40	14.981		
12,400.00	7,136.38	7,132.38	7,132.38	158.13	247.27	89.45	261.52	-8,360.65	4,298.21	4,003.72	294.48	14.596		
12,500.00	7,136.62	7,132.62	7,132.62	160.91	247.28	89.46	261.52	-8,360.65	4,201.22	3,905.58	295.64	14.211		
12,600.00	7,136.86	7,132.86	7,132.86	163.70	247.28	89.47	261.52	-8,360.65	4,104.38	3,807.51	296.88	13.825		
12,700.00	7,137.10	7,133.10	7,133.10	166.48	247.29	89.49	261.52	-8,360.65	4,007.70	3,709.51	298.19	13.440		
12,800.00	7,137.34	7,133.34	7,133.34	169.27	247.30	89.50	261.52	-8,360.65	3,911.18	3,611.59	299.60	13.055		
12,900.00	7,137.58	7,133.58	7,133.58	172.06	247.31	89.51	261.52	-8,360.65	3,814.85	3,513.75	301.10	12.670		
13,000.00	7,137.82	7,133.82	7,133.82	174.86	247.32	89.53	261.52	-8,360.65	3,718.70	3,416.01	302.69	12.285		
13,100.00	7,138.06	7,134.06	7,134.06	177.65	247.33	89.54	261.52	-8,360.65	3,622.77	3,318.37	304.40	11.901		
13,200.00	7,138.30	7,134.30	7,134.30	180.45	247.34	89.55	261.52	-8,360.65	3,527.06	3,220.84	306.22	11.518		
13,300.00	7,138.54	7,134.54	7,134.54	183.25	247.34	89.57	261.52	-8,360.65	3,431.60	3,123.43	308.17	11.135		
13,400.00	7,138.78	7,134.78	7,134.78	186.05	247.35	89.58	261.52	-8,360.65	3,336.40	3,026.15	310.25	10.754		
13,500.00	7,139.02	7,135.02	7,135.02	188.85	247.36	89.59	261.52	-8,360.65	3,241.49	2,929.01	312.48	10.374		
13,600.00	7,139.25	7,135.25	7,135.25	191.65	247.37	89.61	261.52	-8,360.65	3,146.89	2,832.03	314.86	9.995		
13,700.00	7,139.49	7,135.49	7,135.49	194.46	247.38	89.62	261.52	-8,360.65	3,052.64	2,735.24	317.41	9.617		
13,800.00	7,139.73	7,135.73	7,135.73	197.27	247.39	89.63	261.52	-8,360.65	2,958.77	2,638.63	320.14	9.242		
13,900.00	7,139.97	7,135.97	7,135.97	200.08	247.39	89.65	261.52	-8,360.65	2,865.31	2,542.24	323.07	8.869		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,140.21	7,136.21	7,136.21	202.89	247.40	89.66	261.52	-8,360.65	2,772.31	2,446.10	326.22	8.498		
14,100.00	7,140.45	7,136.45	7,136.45	205.70	247.41	89.67	261.52	-8,360.65	2,679.82	2,350.22	329.59	8.131		
14,200.00	7,140.69	7,136.69	7,136.69	208.51	247.42	89.69	261.52	-8,360.65	2,587.88	2,254.65	333.23	7.766		
14,300.00	7,140.93	7,136.93	7,136.93	211.32	247.43	89.70	261.52	-8,360.65	2,496.56	2,159.42	337.13	7.405		
14,400.00	7,141.17	7,137.17	7,137.17	214.14	247.44	89.71	261.52	-8,360.65	2,405.93	2,064.58	341.35	7.048		
14,500.00	7,141.41	7,137.41	7,137.41	216.95	247.44	89.73	261.52	-8,360.65	2,316.07	1,970.19	345.89	6.696		
14,600.00	7,141.65	7,137.65	7,137.65	219.77	247.45	89.74	261.52	-8,360.65	2,227.08	1,876.30	350.79	6.349		
14,700.00	7,141.89	7,137.89	7,137.89	222.59	247.46	89.75	261.52	-8,360.65	2,139.06	1,782.98	356.08	6.007		
14,800.00	7,142.13	7,138.13	7,138.13	225.41	247.47	89.77	261.52	-8,360.65	2,052.14	1,690.34	361.80	5.672		
14,900.00	7,142.37	7,138.37	7,138.37	228.23	247.48	89.78	261.52	-8,360.65	1,966.46	1,598.48	367.98	5.344		
15,000.00	7,142.61	7,138.61	7,138.61	231.05	247.49	89.79	261.52	-8,360.65	1,882.20	1,507.53	374.67	5.024		
15,100.00	7,142.85	7,138.85	7,138.85	233.87	247.49	89.81	261.52	-8,360.65	1,799.55	1,417.64	381.90	4.712		
15,200.00	7,143.09	7,139.09	7,139.09	236.69	247.50	89.82	261.52	-8,360.65	1,718.74	1,329.02	389.71	4.410		
15,300.00	7,143.33	7,139.33	7,139.33	239.52	247.51	89.83	261.52	-8,360.65	1,640.05	1,241.91	398.14	4.119		
15,400.00	7,143.57	7,139.57	7,139.57	242.34	247.52	89.84	261.52	-8,360.65	1,563.79	1,156.58	407.21	3.840		
15,500.00	7,143.81	7,139.81	7,139.81	245.17	247.53	89.86	261.52	-8,360.65	1,490.35	1,073.43	416.92	3.575		
15,600.00	7,144.05	7,140.05	7,140.05	247.99	247.54	89.87	261.52	-8,360.65	1,420.15	992.88	427.28	3.324		
15,700.00	7,144.29	7,140.29	7,140.29	250.82	247.54	89.88	261.52	-8,360.65	1,353.71	915.49	438.22	3.089		
15,800.00	7,144.53	7,140.53	7,140.53	253.64	247.55	89.90	261.52	-8,360.65	1,291.60	841.94	449.65	2.872		
15,900.00	7,144.76	7,140.76	7,140.76	256.47	247.56	89.91	261.52	-8,360.65	1,234.47	773.05	461.42	2.675		
16,000.00	7,145.00	7,141.00	7,141.00	259.30	247.57	89.92	261.52	-8,360.65	1,183.05	709.77	473.28	2.500		
16,100.00	7,145.24	7,141.24	7,141.24	262.13	247.58	89.94	261.52	-8,360.65	1,138.11	653.20	484.91	2.347		
16,200.00	7,145.48	7,141.48	7,141.48	264.96	247.59	89.95	261.52	-8,360.65	1,100.45	604.57	495.89	2.219		
16,300.00	7,145.72	7,141.72	7,141.72	267.79	247.59	89.96	261.52	-8,360.65	1,070.84	565.10	505.74	2.117		
16,400.00	7,145.96	7,141.96	7,141.96	270.62	247.60	89.98	261.52	-8,360.65	1,049.94	535.98	513.96	2.043		
16,500.00	7,146.20	7,142.20	7,142.20	273.45	247.61	89.99	261.52	-8,360.65	1,038.30	518.19	520.11	1.996		
16,571.54	7,146.37	7,142.37	7,142.37	275.48	247.62	90.00	261.52	-8,360.65	1,035.84	512.77	523.06	1.980 CC		
16,600.00	7,146.44	7,142.44	7,142.44	276.28	247.62	90.00	261.52	-8,360.65	1,036.23	512.35	523.88	1.978 ES, SF		
16,700.00	7,146.68	7,142.68	7,142.68	279.12	247.63	90.02	261.52	-8,360.65	1,043.77	518.64	525.13	1.988		
16,800.00	7,146.92	7,142.92	7,142.92	281.95	247.64	90.03	261.52	-8,360.65	1,060.73	536.81	523.93	2.025		
16,900.00	7,147.16	7,143.16	7,143.16	284.78	247.64	90.04	261.52	-8,360.65	1,086.67	566.14	520.53	2.088		
17,000.00	7,147.40	7,143.40	7,143.40	287.62	247.65	90.06	261.52	-8,360.65	1,120.95	605.63	515.32	2.175		
17,100.00	7,147.64	7,143.64	7,143.64	290.45	247.66	90.07	261.52	-8,360.65	1,162.85	654.11	508.74	2.286		
17,200.00	7,147.88	7,143.88	7,143.88	293.28	247.67	90.08	261.52	-8,360.65	1,211.58	710.36	501.22	2.417		
17,300.00	7,148.12	7,144.12	7,144.12	296.12	247.68	90.10	261.52	-8,360.65	1,266.34	773.20	493.14	2.568		
17,400.00	7,148.36	7,144.36	7,144.36	298.95	247.69	90.11	261.52	-8,360.65	1,326.39	841.58	484.81	2.736		
17,500.00	7,148.60	7,144.60	7,144.60	301.79	247.69	90.12	261.52	-8,360.65	1,391.04	914.57	476.47	2.919		
17,600.00	7,148.84	7,144.84	7,144.84	304.63	247.70	90.14	261.52	-8,360.65	1,459.69	991.39	468.30	3.117		
17,700.00	7,149.08	7,145.08	7,145.08	307.46	247.71	90.15	261.52	-8,360.65	1,531.79	1,071.39	460.40	3.327		
17,800.00	7,149.32	7,145.32	7,145.32	310.30	247.72	90.16	261.52	-8,360.65	1,606.88	1,154.02	452.86	3.548		
17,900.00	7,149.56	7,145.56	7,145.56	313.14	247.73	90.18	261.52	-8,360.65	1,684.57	1,238.86	445.71	3.780		
18,000.00	7,149.80	7,145.80	7,145.80	315.98	247.74	90.19	261.52	-8,360.65	1,764.50	1,325.54	438.96	4.020		
18,100.00	7,150.04	7,146.04	7,146.04	318.81	247.74	90.20	261.52	-8,360.65	1,846.39	1,413.76	432.63	4.268		
18,200.00	7,150.27	7,146.27	7,146.27	321.65	247.75	90.22	261.52	-8,360.65	1,929.98	1,503.29	426.69	4.523		
18,300.00	7,150.51	7,146.51	7,146.51	324.49	247.76	90.23	261.52	-8,360.65	2,015.07	1,593.93	421.14	4.785		
18,400.00	7,150.75	7,146.75	7,146.75	327.33	247.77	90.24	261.52	-8,360.65	2,101.48	1,685.53	415.95	5.052		
18,500.00	7,150.99	7,146.99	7,146.99	330.17	247.78	90.26	261.52	-8,360.65	2,189.04	1,777.94	411.10	5.325		
18,600.00	7,151.23	7,147.23	7,147.23	333.01	247.79	90.27	261.52	-8,360.65	2,277.63	1,871.06	406.56	5.602		
18,700.00	7,151.47	7,147.47	7,147.47	335.85	247.79	90.28	261.52	-8,360.65	2,367.13	1,964.80	402.33	5.884		
18,800.00	7,151.71	7,147.71	7,147.71	338.69	247.80	90.30	261.52	-8,360.65	2,457.43	2,059.07	398.36	6.169		
18,900.00	7,151.95	7,147.95	7,147.95	341.53	247.81	90.31	261.52	-8,360.65	2,548.46	2,153.81	394.65	6.458		
18,920.23	7,152.00	7,148.00	7,148.00	342.10	247.81	90.31	261.52	-8,360.65	2,566.96	2,173.03	393.93	6.516		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	32.27	1,516.98	957.99	1,794.37					
100.00	100.00	66.84	66.84	3.28	3.28	32.27	1,517.16	957.89	1,794.25	1,787.69	6.57	273.184		
200.00	200.00	171.63	171.63	3.34	3.32	32.24	1,517.80	957.39	1,794.53	1,787.87	6.66	269.502		
300.00	299.98	274.10	274.09	3.44	3.42	-87.84	1,518.04	956.81	1,794.35	1,787.49	6.86	261.603		
400.00	399.84	370.31	370.30	3.60	3.56	-88.01	1,518.10	956.63	1,794.12	1,786.97	7.15	250.980		
500.00	499.45	468.48	468.47	3.80	3.74	-88.29	1,518.38	956.47	1,793.99	1,786.46	7.53	238.222		
600.00	598.70	571.11	571.11	4.04	3.97	-88.70	1,518.54	956.41	1,793.77	1,785.77	8.00	224.092		
700.00	697.47	669.74	669.73	4.33	4.22	-89.20	1,518.48	956.41	1,793.42	1,784.88	8.54	209.941		
769.95	766.19	735.69	735.69	4.55	4.40	-89.59	1,518.54	956.36	1,793.32	1,784.37	8.95	200.363 CC		
800.00	795.62	763.48	763.47	4.65	4.48	-89.77	1,518.60	956.35	1,793.34	1,784.21	9.13	196.386		
865.50	859.53	825.90	825.89	4.89	4.67	-90.21	1,518.81	956.39	1,793.55	1,783.99	9.55	187.765		
900.00	893.10	860.38	860.38	5.02	4.77	-90.46	1,518.89	956.44	1,793.70	1,783.91	9.79	183.264		
1,000.00	990.42	962.39	962.38	5.41	5.10	-91.21	1,518.93	956.69	1,794.20	1,783.69	10.51	170.750		
1,100.00	1,087.73	1,064.80	1,064.80	5.83	5.44	-91.96	1,518.74	956.73	1,794.70	1,783.43	11.27	159.296		
1,200.00	1,185.05	1,161.86	1,161.85	6.27	5.77	-92.66	1,518.38	956.73	1,795.32	1,783.29	12.04	149.155 ES		
1,300.00	1,282.36	1,260.42	1,260.41	6.72	6.13	-93.38	1,518.09	956.76	1,796.31	1,783.47	12.84	139.944		
1,400.00	1,379.67	1,357.49	1,357.48	7.18	6.48	-94.08	1,517.62	956.87	1,797.46	1,783.81	13.65	131.688		
1,500.00	1,476.99	1,451.67	1,451.66	7.65	6.83	-94.76	1,517.29	957.05	1,799.04	1,784.57	14.47	124.348		
1,600.00	1,574.30	1,548.60	1,548.59	8.13	7.20	-95.46	1,517.12	957.19	1,801.05	1,785.74	15.31	117.643		
1,700.00	1,671.61	1,646.38	1,646.36	8.62	7.57	-96.17	1,516.94	957.18	1,803.27	1,787.11	16.17	111.552		
1,800.00	1,768.93	1,745.14	1,745.13	9.11	7.95	-96.89	1,516.75	957.28	1,805.81	1,788.78	17.03	106.010		
1,900.00	1,866.24	1,847.66	1,847.65	9.60	8.35	-97.62	1,516.25	957.46	1,808.41	1,790.48	17.93	100.881		
2,000.00	1,963.56	1,947.73	1,947.71	10.10	8.75	-98.33	1,515.57	957.47	1,811.05	1,792.24	18.82	96.255		
2,100.00	2,060.87	2,045.88	2,045.86	10.61	9.14	-99.03	1,514.87	957.41	1,813.91	1,794.21	19.70	92.067		
2,200.00	2,158.18	2,144.62	2,144.60	11.11	9.54	-99.74	1,514.16	957.20	1,817.00	1,796.40	20.60	88.221		
2,300.00	2,255.50	2,244.52	2,244.50	11.62	9.94	-100.46	1,513.47	956.59	1,820.26	1,798.77	21.50	84.670		
2,400.00	2,352.81	2,342.77	2,342.74	12.13	10.34	-101.18	1,512.73	955.75	1,823.68	1,801.29	22.40	81.424		
2,500.00	2,450.13	2,436.63	2,436.60	12.65	10.72	-101.86	1,512.10	954.91	1,827.47	1,804.19	23.28	78.498		
2,600.00	2,547.44	2,528.10	2,528.06	13.16	11.09	-102.53	1,511.75	954.09	1,831.81	1,807.66	24.16	75.836		
2,700.00	2,644.75	2,619.77	2,619.72	13.68	11.47	-103.20	1,511.71	953.27	1,836.76	1,811.73	25.03	73.379		
2,800.00	2,742.07	2,713.82	2,713.77	14.20	11.85	-103.87	1,511.86	952.56	1,842.23	1,816.31	25.92	71.079		
2,900.00	2,839.38	2,812.64	2,812.58	14.71	12.26	-104.58	1,512.03	951.83	1,848.01	1,821.18	26.83	68.886		
3,000.00	2,936.70	2,911.92	2,911.87	15.23	12.67	-105.29	1,512.12	951.15	1,854.00	1,826.26	27.74	66.837		
3,100.00	3,034.01	3,018.32	3,018.26	15.76	13.11	-106.03	1,511.78	950.48	1,859.90	1,831.22	28.68	64.841		
3,200.00	3,131.32	3,114.86	3,114.80	16.28	13.51	-106.71	1,511.28	949.85	1,865.89	1,836.30	29.59	63.065		
3,300.00	3,228.64	3,205.96	3,205.89	16.80	13.89	-107.34	1,510.99	949.17	1,872.32	1,841.85	30.46	61.460		
3,400.00	3,325.95	3,285.82	3,285.75	17.32	14.22	-107.90	1,511.27	948.56	1,879.65	1,848.36	31.29	60.076		
3,500.00	3,423.26	3,374.02	3,373.95	17.85	14.59	-108.51	1,512.22	948.03	1,887.96	1,855.82	32.15	58.729		
3,600.00	3,520.58	3,466.73	3,466.65	18.37	14.97	-109.14	1,513.47	947.73	1,896.87	1,863.84	33.03	57.433		
3,700.00	3,617.89	3,557.13	3,557.03	18.90	15.35	-109.75	1,514.90	947.48	1,906.27	1,872.37	33.90	56.240		
3,800.00	3,715.21	3,649.25	3,649.13	19.43	15.74	-110.35	1,516.67	947.51	1,916.29	1,881.52	34.77	55.111		
3,900.00	3,812.52	3,745.78	3,745.65	19.95	16.14	-110.99	1,518.65	947.42	1,926.67	1,891.00	35.67	54.015		
4,000.00	3,909.83	3,850.76	3,850.61	20.48	16.58	-111.67	1,520.69	947.30	1,937.19	1,900.58	36.61	52.915		
4,100.00	4,007.15	3,958.43	3,958.27	21.01	17.03	-112.37	1,522.16	946.71	1,947.32	1,909.76	37.56	51.841		
4,200.00	4,104.46	4,060.72	4,060.55	21.53	17.46	-113.04	1,523.22	945.89	1,957.37	1,918.88	38.49	50.854		
4,300.00	4,201.78	4,159.95	4,159.77	22.06	17.88	-113.68	1,524.03	945.14	1,967.46	1,928.06	39.40	49.935		
4,400.00	4,299.09	4,259.64	4,259.46	22.59	18.30	-114.31	1,524.75	944.58	1,977.72	1,937.41	40.31	49.059		
4,500.00	4,396.40	4,358.86	4,358.68	23.12	18.71	-114.93	1,525.33	943.93	1,988.06	1,946.84	41.22	48.227		
4,600.00	4,493.72	4,457.32	4,457.13	23.65	19.13	-115.54	1,525.82	943.37	1,998.57	1,956.44	42.13	47.440		
4,700.00	4,591.03	4,552.80	4,552.61	24.18	19.53	-116.12	1,526.26	943.02	2,009.27	1,966.25	43.02	46.707		
4,800.00	4,688.34	4,651.05	4,650.86	24.71	19.95	-116.72	1,526.84	942.60	2,020.31	1,976.39	43.92	45.998		
4,900.00	4,785.66	4,757.25	4,757.06	25.24	20.39	-117.35	1,527.14	942.22	2,031.28	1,986.41	44.87	45.275		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,882.97	4,862.17	4,861.98	25.77	20.84	-117.97	1,526.96	941.68	2,042.00	1,996.20	45.80	44.583		
5,100.00	4,980.29	4,966.06	4,965.87	26.30	21.28	-118.57	1,526.46	941.20	2,052.64	2,005.90	46.73	43.923		
5,200.00	5,077.60	5,072.83	5,072.62	26.83	21.73	-119.19	1,525.53	940.77	2,063.10	2,015.43	47.68	43.273		
5,300.00	5,174.91	5,165.47	5,165.26	27.36	22.12	-119.71	1,524.51	940.50	2,073.55	2,025.00	48.55	42.711		
5,400.00	5,272.23	5,271.34	5,271.12	27.89	22.57	-120.29	1,523.53	940.70	2,084.36	2,034.88	49.49	42.118		
5,500.00	5,369.54	5,367.01	5,366.79	28.42	22.97	-120.82	1,522.21	940.67	2,094.91	2,044.54	50.38	41.586		
5,600.00	5,466.86	5,464.30	5,464.07	28.95	23.38	-121.35	1,521.12	940.57	2,105.90	2,054.63	51.27	41.075		
5,700.00	5,564.17	5,560.61	5,560.37	29.48	23.79	-121.87	1,519.92	940.14	2,116.97	2,064.81	52.16	40.588		
5,800.00	5,661.48	5,657.85	5,657.61	30.01	24.20	-122.40	1,518.84	939.71	2,128.34	2,075.29	53.05	40.120		
5,900.00	5,758.80	5,754.32	5,754.06	30.54	24.61	-122.92	1,517.70	939.31	2,139.85	2,085.91	53.94	39.673		
6,000.00	5,856.11	5,849.84	5,849.58	31.07	25.02	-123.42	1,516.71	939.01	2,151.65	2,096.83	54.82	39.250		
6,100.00	5,953.43	5,945.08	5,944.82	31.61	25.42	-123.93	1,515.75	938.59	2,163.67	2,107.98	55.70	38.847		
6,200.00	6,050.74	6,035.79	6,035.52	32.14	25.81	-124.40	1,514.99	938.05	2,176.06	2,119.51	56.55	38.480		
6,300.00	6,148.05	6,126.72	6,126.45	32.67	26.19	-124.88	1,514.58	937.31	2,189.01	2,131.60	57.40	38.134		
6,400.00	6,245.37	6,225.93	6,225.65	33.20	26.61	-125.39	1,514.14	936.57	2,202.13	2,143.82	58.30	37.772		
6,500.00	6,342.68	6,319.13	6,318.85	33.73	27.01	-125.86	1,513.79	935.88	2,215.48	2,156.32	59.16	37.446		
6,520.81	6,362.93	6,338.08	6,337.80	33.85	27.09	-125.96	1,513.74	935.74	2,218.31	2,158.97	59.34	37.382		
6,550.00	6,391.46	6,364.79	6,364.51	34.00	27.20	-132.76	1,513.70	935.55	2,222.21	2,162.63	59.59	37.294		
6,600.00	6,440.79	6,411.95	6,411.67	34.23	27.41	-152.38	1,513.67	935.23	2,228.52	2,168.52	60.00	37.144		
6,650.00	6,490.44	6,462.58	6,462.29	34.43	27.62	171.89	1,513.65	934.92	2,234.23	2,173.82	60.41	36.985		
6,700.00	6,540.10	6,512.43	6,512.14	34.60	27.83	135.36	1,513.61	934.64	2,239.28	2,178.48	60.80	36.828		
6,750.00	6,589.46	6,559.71	6,559.43	34.76	28.03	115.26	1,513.60	934.43	2,243.69	2,182.51	61.18	36.672		
6,800.00	6,638.22	6,606.77	6,606.49	34.92	28.23	105.10	1,513.65	934.27	2,247.49	2,185.92	61.57	36.503		
6,850.00	6,686.09	6,655.23	6,654.95	35.07	28.44	99.45	1,513.70	934.09	2,250.68	2,188.70	61.98	36.314		
6,900.00	6,732.75	6,702.53	6,702.25	35.24	28.64	96.05	1,513.74	933.86	2,253.27	2,190.87	62.40	36.111		
6,950.00	6,777.94	6,746.00	6,745.71	35.42	28.83	93.90	1,513.78	933.63	2,255.36	2,192.54	62.81	35.905		
7,000.00	6,821.36	6,787.91	6,787.62	35.61	29.00	92.53	1,513.86	933.40	2,257.05	2,193.80	63.25	35.686		
7,050.00	6,862.75	6,830.13	6,829.85	35.83	29.18	91.71	1,513.95	933.20	2,258.42	2,194.71	63.71	35.448		
7,100.00	6,901.85	6,870.85	6,870.56	36.06	29.36	91.27	1,514.01	933.11	2,259.55	2,195.35	64.20	35.196		
7,150.00	6,938.43	6,908.79	6,908.51	36.32	29.52	91.06	1,514.06	933.10	2,260.56	2,195.85	64.71	34.935		
7,200.00	6,972.26	6,940.79	6,940.50	36.61	29.65	90.95	1,514.10	933.09	2,261.60	2,196.38	65.22	34.674		
7,250.00	7,003.13	6,970.62	6,970.33	36.93	29.78	90.95	1,514.16	933.05	2,262.81	2,197.03	65.77	34.404		
7,300.00	7,030.85	6,997.49	6,997.20	37.29	29.89	90.99	1,514.22	932.99	2,264.28	2,197.93	66.35	34.126		
7,350.00	7,055.25	7,022.10	7,021.81	37.68	30.00	91.05	1,514.28	932.93	2,266.13	2,199.17	66.96	33.842		
7,400.00	7,076.17	7,043.25	7,042.96	38.12	30.09	91.08	1,514.34	932.90	2,268.44	2,200.84	67.60	33.556		
7,450.00	7,093.50	7,060.71	7,060.42	38.60	30.16	91.04	1,514.38	932.88	2,271.30	2,203.03	68.26	33.273		
7,500.00	7,107.11	7,074.40	7,074.11	39.11	30.22	90.92	1,514.41	932.88	2,274.76	2,205.82	68.94	32.996		
7,550.00	7,116.94	7,084.25	7,083.96	39.66	30.26	90.69	1,514.43	932.88	2,278.89	2,209.26	69.63	32.728		
7,600.00	7,122.91	7,090.21	7,089.92	40.24	30.29	90.35	1,514.44	932.88	2,283.69	2,213.36	70.32	32.475		
7,650.18	7,125.00	7,092.27	7,091.98	40.85	30.30	89.89	1,514.45	932.88	2,289.18	2,218.17	71.01	32.238		
7,700.00	7,125.12	7,092.36	7,092.08	41.48	30.30	89.89	1,514.45	932.88	2,295.49	2,223.79	71.70	32.017		
7,800.00	7,125.36	7,092.56	7,092.27	42.88	30.30	89.90	1,514.45	932.88	2,311.36	2,238.21	73.15	31.599		
7,900.00	7,125.60	7,092.75	7,092.46	44.42	30.30	89.90	1,514.45	932.88	2,331.41	2,256.75	74.66	31.229		
8,000.00	7,125.84	7,092.94	7,092.65	46.10	30.30	89.91	1,514.45	932.88	2,355.54	2,279.34	76.20	30.913		
8,100.00	7,126.08	7,093.13	7,092.84	47.89	30.30	89.91	1,514.45	932.88	2,383.62	2,305.86	77.76	30.655		
8,200.00	7,126.32	7,093.31	7,093.03	49.79	30.30	89.92	1,514.45	932.88	2,415.52	2,336.22	79.30	30.460		
8,300.00	7,126.56	7,093.50	7,093.21	51.79	30.30	89.92	1,514.45	932.88	2,451.09	2,370.27	80.82	30.328		
8,400.00	7,126.80	7,093.69	7,093.40	53.86	30.30	89.93	1,514.45	932.88	2,490.16	2,407.86	82.30	30.257		
8,500.00	7,127.04	7,093.87	7,093.58	56.00	30.30	89.93	1,514.45	932.88	2,532.59	2,448.86	83.73	30.247 SF		
8,600.00	7,127.28	7,094.05	7,093.76	58.21	30.30	89.93	1,514.45	932.88	2,578.19	2,493.09	85.10	30.295		
8,689.38	7,127.49	7,094.21	7,093.92	60.24	30.30	89.94	1,514.45	932.88	2,621.52	2,535.24	86.28	30.385		
8,700.00	7,127.52	7,094.23	7,093.94	60.48	30.30	89.94	1,514.45	932.88	2,626.84	2,540.42	86.41	30.399		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - SOUTHARD #2(PR) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,127.76	7,094.41	7,094.12	62.79	30.31	89.95	1,514.45	932.88	2,680.09	2,592.46	87.64	30.582		
8,841.07	7,127.85	7,094.48	7,094.19	63.74	30.31	89.95	1,514.45	932.88	2,703.57	2,615.46	88.11	30.685		
8,900.00	7,128.00	7,094.57	7,094.29	65.12	30.31	89.95	1,514.45	932.88	2,738.32	2,649.56	88.76	30.851		
9,000.00	7,128.23	7,094.74	7,094.45	67.50	30.31	89.96	1,514.45	932.88	2,799.13	2,709.32	89.81	31.166		
9,100.00	7,128.47	7,094.91	7,094.62	69.91	30.31	89.96	1,514.45	932.88	2,862.15	2,771.35	90.80	31.521		
9,200.00	7,128.71	7,095.07	7,094.78	72.35	30.31	89.97	1,514.45	932.88	2,927.24	2,835.51	91.73	31.912		
9,300.00	7,128.95	7,095.23	7,094.94	74.83	30.31	89.97	1,514.45	932.88	2,994.24	2,901.65	92.59	32.338		
9,400.00	7,129.19	7,095.39	7,095.11	77.33	30.31	89.97	1,514.45	932.88	3,063.05	2,969.65	93.40	32.794		
9,500.00	7,129.43	7,095.55	7,095.27	79.86	30.31	89.98	1,514.45	932.88	3,133.53	3,039.38	94.16	33.280		
9,600.00	7,129.67	7,095.71	7,095.43	82.41	30.31	89.98	1,514.45	932.88	3,205.59	3,110.73	94.86	33.793		
9,700.00	7,129.91	7,095.87	7,095.58	84.97	30.31	89.99	1,514.45	932.88	3,279.11	3,183.60	95.52	34.330		
9,800.00	7,130.15	7,096.03	7,095.74	87.56	30.31	89.99	1,514.45	932.88	3,354.01	3,257.88	96.13	34.891		
9,900.00	7,130.39	7,096.19	7,095.90	90.16	30.31	90.00	1,514.45	932.88	3,430.18	3,333.48	96.70	35.472		
10,000.00	7,130.63	7,096.34	7,096.05	92.78	30.31	90.00	1,514.45	932.88	3,507.55	3,410.32	97.23	36.074		
10,100.00	7,130.87	7,096.50	7,096.21	95.41	30.31	90.00	1,514.45	932.88	3,586.04	3,488.31	97.73	36.694		
10,200.00	7,131.11	7,096.65	7,096.36	98.06	30.31	90.01	1,514.45	932.88	3,665.58	3,567.39	98.19	37.331		
10,300.00	7,131.35	7,096.80	7,096.51	100.71	30.32	90.01	1,514.46	932.88	3,746.10	3,647.47	98.62	37.984		
10,400.00	7,131.59	7,096.95	7,096.66	103.38	30.32	90.02	1,514.46	932.88	3,827.53	3,728.50	99.03	38.651		
10,500.00	7,131.83	7,097.10	7,096.81	106.06	30.32	90.02	1,514.46	932.88	3,909.83	3,810.43	99.41	39.332		
10,600.00	7,132.07	7,097.25	7,096.96	108.74	30.32	90.02	1,514.46	932.88	3,992.94	3,893.18	99.76	40.025		
10,700.00	7,132.31	7,097.40	7,097.11	111.44	30.32	90.03	1,514.46	932.88	4,076.80	3,976.71	100.09	40.731		
10,800.00	7,132.55	7,097.55	7,097.26	114.14	30.32	90.03	1,514.46	932.88	4,161.38	4,060.98	100.40	41.447		
10,900.00	7,132.79	7,097.69	7,097.41	116.85	30.32	90.03	1,514.46	932.88	4,246.63	4,145.94	100.69	42.174		
11,000.00	7,133.03	7,097.84	7,097.55	119.57	30.32	90.04	1,514.46	932.88	4,332.51	4,231.54	100.97	42.910		
11,100.00	7,133.27	7,097.98	7,097.70	122.29	30.32	90.04	1,514.46	932.88	4,418.99	4,317.76	101.22	43.655		
11,200.00	7,133.51	7,098.13	7,097.84	125.02	30.32	90.05	1,514.46	932.88	4,506.02	4,404.55	101.47	44.409		
11,300.00	7,133.74	7,098.27	7,097.98	127.76	30.32	90.05	1,514.46	932.88	4,593.58	4,491.89	101.69	45.170		
11,400.00	7,133.98	7,098.41	7,098.12	130.50	30.32	90.05	1,514.46	932.88	4,681.64	4,579.73	101.91	45.939		
11,500.00	7,134.22	7,098.55	7,098.27	133.24	30.32	90.06	1,514.46	932.88	4,770.17	4,668.06	102.11	46.715		
11,600.00	7,134.46	7,098.69	7,098.41	135.99	30.32	90.06	1,514.46	932.88	4,859.15	4,756.84	102.31	47.496		
11,700.00	7,134.70	7,098.83	7,098.54	138.75	30.32	90.06	1,514.46	932.88	4,948.54	4,846.06	102.49	48.284		
11,800.00	7,134.94	7,098.97	7,098.68	141.51	30.32	90.07	1,514.46	932.88	5,038.34	4,935.68	102.66	49.078		
11,900.00	7,135.18	7,099.11	7,098.82	144.27	30.32	90.07	1,514.46	932.88	5,128.51	5,025.69	102.82	49.877		
12,000.00	7,135.42	7,099.24	7,098.96	147.03	30.33	90.07	1,514.46	932.88	5,219.04	5,116.06	102.98	50.681		
12,100.00	7,135.66	7,099.38	7,099.09	149.80	30.33	90.08	1,514.46	932.88	5,309.91	5,206.79	103.13	51.489		
12,200.00	7,135.90	7,099.52	7,099.23	152.58	30.33	90.08	1,514.46	932.88	5,401.11	5,297.84	103.27	52.302		
12,300.00	7,136.14	7,099.65	7,099.36	155.35	30.33	90.09	1,514.46	932.88	5,492.61	5,389.20	103.40	53.119		
12,400.00	7,136.38	7,099.78	7,099.49	158.13	30.33	90.09	1,514.46	932.88	5,584.40	5,480.87	103.53	53.940		
12,500.00	7,136.62	7,099.91	7,099.63	160.91	30.33	90.09	1,514.46	932.88	5,676.47	5,572.81	103.65	54.764		
12,600.00	7,136.86	7,100.05	7,099.76	163.70	30.33	90.10	1,514.46	932.89	5,768.80	5,665.03	103.77	55.592		
12,700.00	7,137.10	7,100.18	7,099.89	166.48	30.33	90.10	1,514.46	932.89	5,861.38	5,757.50	103.88	56.423		
12,800.00	7,137.34	7,100.31	7,100.02	169.27	30.33	90.10	1,514.46	932.89	5,954.21	5,850.22	103.99	57.257		
12,900.00	7,137.58	7,100.44	7,099.71	172.06	30.33	90.09	1,514.46	932.89	6,047.26	5,943.17	104.09	58.094		
13,000.00	7,137.82	7,100.57	7,099.71	174.86	30.33	90.09	1,514.46	932.89	6,140.53	6,036.34	104.19	58.934		
13,100.00	7,138.06	7,100.70	7,099.71	177.65	30.33	90.09	1,514.46	932.89	6,234.01	6,129.72	104.29	59.776		
13,200.00	7,138.30	7,100.83	7,099.71	180.45	30.33	90.09	1,514.46	932.89	6,327.69	6,223.31	104.38	60.621		
13,300.00	7,138.54	7,100.96	7,099.71	183.25	30.33	90.09	1,514.46	932.89	6,421.56	6,317.09	104.47	61.467		
13,400.00	7,138.78	7,101.09	7,099.71	186.05	30.33	90.09	1,514.46	932.89	6,515.62	6,411.06	104.56	62.316		
13,500.00	7,139.02	7,101.22	7,099.71	188.85	30.33	90.09	1,514.46	932.89	6,609.84	6,505.20	104.64	63.166		
13,600.00	7,139.25	7,101.35	7,099.71	191.65	30.33	90.09	1,514.46	932.89	6,704.24	6,599.51	104.72	64.018		
13,700.00	7,139.49	7,101.48	7,099.71	194.46	30.33	90.09	1,514.46	932.89	6,798.79	6,693.99	104.80	64.872		
13,800.00	7,139.73	7,101.61	7,099.71	197.27	30.33	90.09	1,514.46	932.89	6,893.50	6,788.62	104.88	65.728		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 33N-9C-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 33N-9C-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,139.97	7,100.00	7,099.71	200.08	30.33	90.09	1,514.46	932.89	6,988.36	6,883.40	104.95	66.585		
14,000.00	7,140.21	7,100.00	7,099.71	202.89	30.33	90.09	1,514.46	932.89	7,083.35	6,978.33	105.03	67.443		
14,100.00	7,140.45	7,100.00	7,099.71	205.70	30.33	90.09	1,514.46	932.89	7,178.49	7,073.39	105.10	68.302		
14,200.00	7,140.69	7,100.00	7,099.71	208.51	30.33	90.09	1,514.46	932.89	7,273.75	7,168.58	105.17	69.163		
14,300.00	7,140.93	7,100.00	7,099.71	211.32	30.33	90.09	1,514.46	932.89	7,369.14	7,263.90	105.24	70.025		
14,400.00	7,141.17	7,100.00	7,099.71	214.14	30.33	90.09	1,514.46	932.89	7,464.65	7,359.35	105.30	70.887		
14,500.00	7,141.41	7,100.00	7,099.71	216.95	30.33	90.09	1,514.46	932.89	7,560.27	7,454.91	105.37	71.751		
14,600.00	7,141.65	7,100.00	7,099.71	219.77	30.33	90.09	1,514.46	932.89	7,656.01	7,550.58	105.43	72.615		
14,700.00	7,141.89	7,100.00	7,099.71	222.59	30.33	90.09	1,514.46	932.89	7,751.86	7,646.36	105.50	73.480		
14,800.00	7,142.13	7,100.00	7,099.71	225.41	30.33	90.09	1,514.46	932.89	7,847.81	7,742.25	105.56	74.346		
14,900.00	7,142.37	7,100.00	7,099.71	228.23	30.33	90.09	1,514.46	932.89	7,943.86	7,838.24	105.62	75.212		
15,000.00	7,142.61	7,100.00	7,099.71	231.05	30.33	90.09	1,514.46	932.89	8,040.00	7,934.32	105.68	76.079		
15,100.00	7,142.85	7,100.00	7,099.71	233.87	30.33	90.09	1,514.46	932.89	8,136.24	8,030.50	105.74	76.946		
15,200.00	7,143.09	7,100.00	7,099.71	236.69	30.33	90.09	1,514.46	932.89	8,232.57	8,126.77	105.80	77.814		
15,300.00	7,143.33	7,100.00	7,099.71	239.52	30.33	90.09	1,514.46	932.89	8,328.98	8,223.13	105.86	78.682		
15,400.00	7,143.57	7,100.00	7,099.71	242.34	30.33	90.09	1,514.46	932.89	8,425.48	8,319.57	105.91	79.551		
15,500.00	7,143.81	7,100.00	7,099.71	245.17	30.33	90.09	1,514.46	932.89	8,522.06	8,416.09	105.97	80.419		
15,600.00	7,144.05	7,100.00	7,099.71	247.99	30.33	90.09	1,514.46	932.89	8,618.72	8,512.69	106.03	81.288		
15,700.00	7,144.29	7,100.00	7,099.71	250.82	30.33	90.09	1,514.46	932.89	8,715.45	8,609.37	106.08	82.157		
15,800.00	7,144.53	7,100.00	7,099.71	253.64	30.33	90.09	1,514.46	932.89	8,812.25	8,706.12	106.14	83.026		
15,900.00	7,144.76	7,100.00	7,099.71	256.47	30.33	90.09	1,514.46	932.89	8,909.13	8,802.94	106.19	83.895		
16,000.00	7,145.00	7,100.00	7,099.71	259.30	30.33	90.09	1,514.46	932.89	9,006.07	8,899.82	106.25	84.764		
16,100.00	7,145.24	7,100.00	7,099.71	262.13	30.33	90.09	1,514.46	932.89	9,103.08	8,996.78	106.30	85.633		
16,200.00	7,145.48	7,100.00	7,099.71	264.96	30.33	90.09	1,514.46	932.89	9,200.16	9,093.80	106.36	86.502		
16,300.00	7,145.72	7,100.00	7,099.71	267.79	30.33	90.09	1,514.46	932.89	9,297.29	9,190.88	106.41	87.371		
16,400.00	7,145.96	7,100.00	7,099.71	270.62	30.33	90.09	1,514.46	932.89	9,394.49	9,288.03	106.47	88.239		
16,500.00	7,146.20	7,100.00	7,099.71	273.45	30.33	90.09	1,514.46	932.89	9,491.75	9,385.23	106.52	89.108		
16,600.00	7,146.44	7,100.00	7,099.71	276.28	30.33	90.09	1,514.46	932.89	9,589.06	9,482.48	106.57	89.976		
16,700.00	7,146.68	7,100.00	7,099.71	279.12	30.33	90.09	1,514.46	932.89	9,686.42	9,579.80	106.63	90.844		
16,800.00	7,146.92	7,100.00	7,099.71	281.95	30.33	90.09	1,514.46	932.89	9,783.84	9,677.16	106.68	91.712		
16,900.00	7,147.16	7,100.00	7,099.71	284.78	30.33	90.09	1,514.46	932.89	9,881.31	9,774.58	106.73	92.579		
17,000.00	7,147.40	7,100.00	7,099.71	287.62	30.33	90.09	1,514.46	932.89	9,978.83	9,872.05	106.79	93.446		

**Company:** Synergy Resources Corporation  
**Project:** SEC 12-13 T6N R66W  
**Reference Site:** Falken 9-11 PAD  
**Site Error:** 3.28 ft  
**Reference Well:** Falken 33N-9C-L  
**Well Error:** 3.28 ft  
**Reference Wellbore:** OH  
**Reference Design:** Plan #1

**Local Co-ordinate Reference:** Well Falken 33N-9C-L  
**TVD Reference:** GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)  
**MD Reference:** GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.45 sigma  
**Database:** EDM 5000.14 Single User Db  
**Offset TVD Reference:** Offset Datum

Reference Depths are relative to GL 4810 & KB 20 @ 4830.00ft ( ASSU

Offset Depths are relative to Offset Datum

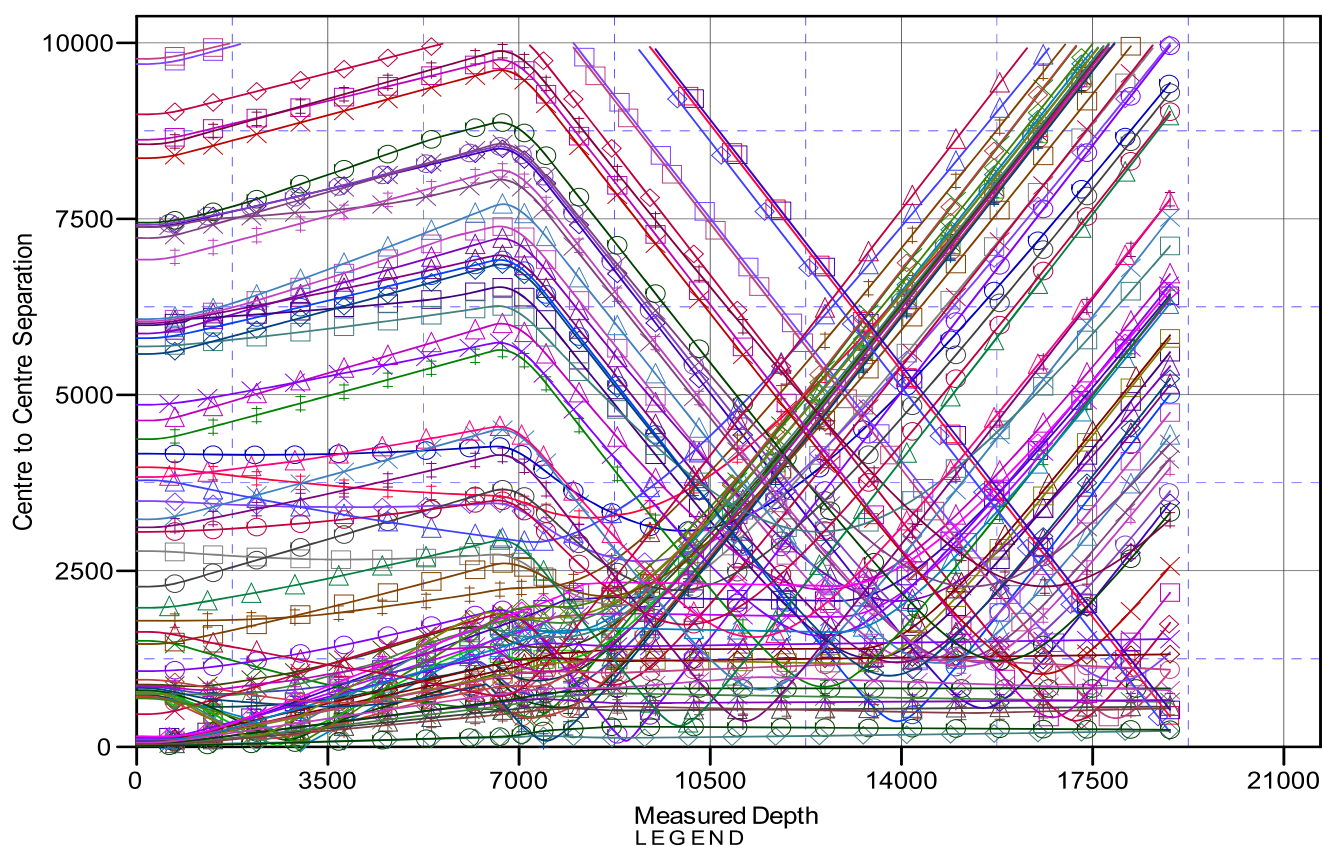
Central Meridian is -105.5000000

Coordinates are relative to: Falken 33N-9C-L

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 #1-10-6-66(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  
 Monteria #10-34(PR), OH, OH V0  
 Fagerberg 36N-7B-M, OH, OH V0  
 ANDERSON #42-10(PR), OH, OH V0  
 SOUTHWOOD #2(PR), OH, OH V0  
 MONTERIA #14-8, OH, OH V0  
 Harvesters Resources #15M-423(PR), OH, OH V0  
 POP #14-17, OH, OH V0  
 Fagerberg 29N(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  
 Merrit#6-66-9-0857BH(PR), OH, OH V0  
 Falken 30C-14-S, 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  
 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 32C-9-L, OH, 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  
 Monteria #10-33(PR), OH, OH V0  
 BLACKGOLD PETROLEUM #1(PR), OH, OH V0  
 GILLESPIE #11-1(PA), OH, OH V0  
 ANDERSON #JANUARY #1(PR), OH, OH V0  
 Falken 34N-9C-L, OH, Plan#1 V0  
 Fagerberg 6N-7C-M, OH, OH V0  
 MONTERIA #11-11(PR), OH, OH V0  
 OTTOSON #2(PA), OH, OH V0  
 MONTERIA #11-14(PR), OH, OH V0  
 J.R. #1(PA), OH, OH V0  
 Falken 4N-14A-S, OH, Plan#1 V0  
 146 COMPANY #14-1, OH, OH V0  
 Merrit#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  
 Monteria #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  
 Merrit#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 33N-9C-L  
**Well Error:** 3.28 ft  
**Reference Wellbore:** OH  
**Reference Design:** Plan #1

**Local Co-ordinate Reference:** Well Falken 33N-9C-L  
**TVD Reference:** GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)  
**MD Reference:** GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.45 sigma  
**Database:** EDM 5000.14 Single User Db  
**Offset TVD Reference:** Offset Datum

Reference Depths are relative to GL 4810 & KB 20 @ 4830.00ft ( ASSU

Offset Depths are relative to Offset Datum

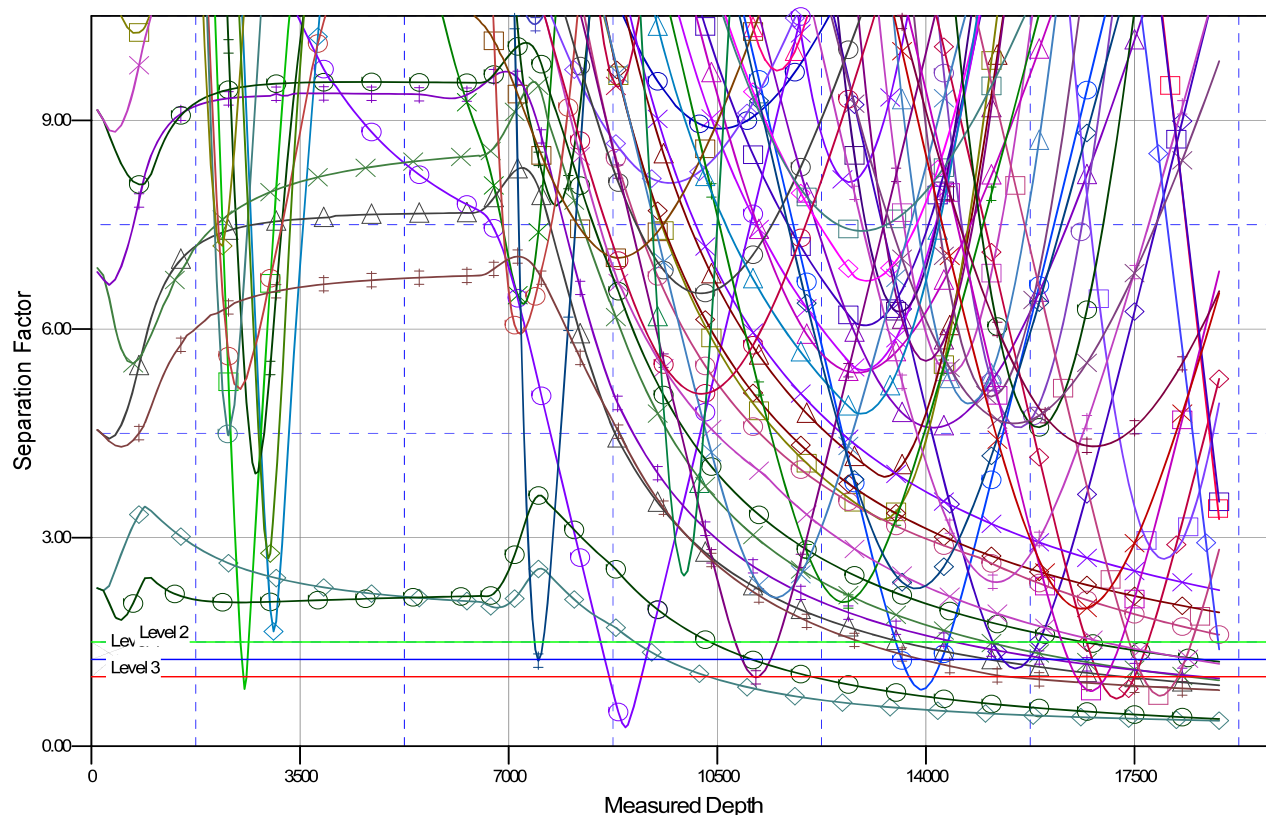
Central Meridian is -105.5000000

Coordinates are relative to: Falken 33N-9C-L

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.49°

## Separation Factor Plot



### LEGEND

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